NACOmatic

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Kindle-DX Index; by AptID **Use "Menu", then "Goto Page"**

AR Min Alt#1 - 7
AR Min Rdr#1 - 11
AR Min TO#1 - 16
LA Min Alt#4 - 252
LA Min Rdr#4 - 256
LA Min TO#4 - 264
MS Min Alt#4 - 521
MS Min Rdr#4 - 525
MS Min TO#4 - 533
OK Min Alt#1 - 764
OK Min Rdr#1 - 768
OK Min TO#1 - 773
TX Min Alt#2 - 1100
TX Min Alt#3 - 1103
TX Min Alt#5 - 1106
TX Min Rdr#2 - 1108
TX Min Rdr#3 - 1111
TX Min TO#2 - 1117
TX Min TO#3 - 1125
TX Min TO#5 - 1134
00R - 2600
07F - 2002
0F2 - 1346
0M0 - 77
0M8 - 388
0R0 - 571
0R3 - 275
0R5 - 519
11R - 1354
15F - 2060
17K - 830
19M - 672
1F0 - 815
1F4 - 944
1K4 - 909
1L0 - 480
1O8 - 1066
1R7 - 563
1X1 - 2068
23R - 1771
25M - 733
2A2 - 64
2E3 - 2042
2F5 - 2554
2F7 - 1413
2K4 - 946
2O8 - 925
2R6 - 322
2R9 - 2491
2T1 - 2712
3F3 - 391
3F4 - 514
3F6 - 2740
3F7 - 831
3F9 - 2697
3M9 - 245
3R4 - 393
3R7 - 364
3R9 - 1262
3T5 - 2519
41F - 1798
42A - 165
45R - 2517
4F2 - 1385
4M3 - 58
4M9 - 68
4O4 - 934
4R7 - 334
50F - 1825
50R - 2604
51R - 2636
54T - 1293
5A4 - 708
5A6 - 758
5C1 - 2794
5F4 - 352
5M5 - 75
5R8 - 326
5T9 - 1778
60F - 2846
60R - 2718
6K4 - 898
6R1 - 518
6R3 - 1400
77F - 2967
7F3 - 1378
7M1 - 164
7M2 - 181
7M4 - 189
7M5 - 190
80F - 813
87I - 760
8F3 - 1456
8M1 - 561
8T6 - 1988
ABI - 1140
ACP - 464
ACT - 2921
ADH - 784
ADM - 818
ADS - 1461
AEX - 279
AFW - 1828
AGO - 160
ALI - 1160
AMA - 1167
AQO - 2601
ARA - 417
ARG - 239
ARM - 2940
ASD - 501
ASG - 217
ASL - 2642
ATA - 1260
AUS - 1267
AVK - 812
AWM - 248
AXH - 2073
AXS - 788
BAD - 309
BAZ - 2719
BBD - 1350
BDQ - 175
BEA - 1331
BFE - 1358
BFK - 833
BGD - 1342
BIF - 1801
BIX - 555
BKD - 1353
BKN - 827
BKS - 1795
BMQ - 1375
BMT - 1314
BPG - 1335
BPK - 177
BPT - 1318
BQP - 291
BRO - 1360
BTR - 295
BVO - 822
BVX - 34
BWD - 1367
BXA - 305
BYH - 45
BYY - 1289
CBM - 572
CDH - 55
CDS - 1393
CFD - 1372
CHK - 838
CKM - 565
CLK - 847

CLL - 1403
CNW - 2929
COM - 1402
COT - 1451
CPT - 1395
CQB - 835
CRP - 1414
CRS - 1445
CRT - 71
CRX - 594
CSM - 850
CUH - 856
CVB - 1388
CVK - 31
CWC - 2946
CWF - 374
CWS - 66
CXO - 2105
CZT - 1383
DAL - 1493
DEQ - 73
DFW - 1602
DHT - 1458
DKR - 1454
DLF - 1727
DRI - 330
DRT - 1740
DTN - 488
DTO - 1745
DUA - 862
DUC - 858
DUX - 1773
DWH - 2141
DYS - 1149
E01 - 2704
E11 - 1197
E19 - 2043
E30 - 1287
E38 - 1165
E41 - 1334
E42 - 2860
EBG - 1782
ECU - 2777
EFD - 2178
ELA - 1775
ELD - 79
ELK - 872
ELP - 1784
END - 874
ERV - 2492
ESF - 287
ETN - 1780
EYQ - 2226
F00 - 1339
F05 - 2915
F10 - 923
F14 - 2948
F17 - 1390
F22 - 1030
F24 - 398
F35 - 2003
F41 - 1794
F44 - 1259
F46 - 2779
F51 - 2966
F53 - 2710
F56 - 2863
F88 - 366
F98 - 2759
F99 - 930
FCY - 101
FDR - 908
FLP - 98
FSI - 899
FSM - 102
FST - 1821
FTW - 1859
FWS - 1888
FYV - 84
GAO - 342
GCM - 843
GDJ - 2006
GGG - 2606
GKY - 1231
GLE - 1947
GLH - 598
GLS - 1950
GMJ - 913
GNC - 2844
GNF - 612
GOK - 916
GPM - 2009
GPT - 618
GRK - 1810
GTR - 590
GTU - 1990
GUY - 920
GVT - 2034
GWO - 606
GYB - 1998
GYI - 2848
GZL - 1054
H34 - 131
H35 - 61
H68 - 1091
H70 - 2867
H71 - 1041
HBG - 633
HBR - 927
HBV - 2061
HBZ - 119
HDC - 347
HDO - 2071
HEE - 121
HEZ - 699
HHF - 1381
HHW - 933
HKA - 50
HKS - 648
HLR - 1804
HMY - 940
HOT - 127
HOU - 2256
HPY - 1305
HQZ - 2652
HRL - 2047
HRO - 114
HRX - 2066
HSA - 550
HSD - 971
HUM - 355
HYI - 2840
HZR - 459
IAH - 2311
IDL - 642
IER - 413
IKG - 2502
ILE - 2497
INJ - 2069
INK - 2963
IWS - 2371
JAN - 652
JAS - 2486
JBR - 138
JCT - 2489
JDD - 2698
JSO - 2484
JSV - 1042
JWG - 1093
JWY - 2696
JXI - 2001
L38 - 344
L39 - 389

L83 - 513
LAW - 936
LBB - 2616
LBX - 1198
LCH - 379
LFK - 2629
LFT - 367
LIT - 146
LIU - 2599
LLN - 2593
LLQ - 172
LMS - 673
LNC - 2558
LRD - 2582
LRF - 132
LTS - 792
LUD - 1724
LUL - 668
LVJ - 2405
LXY - 2678
LZZ - 2556
M16 - 730
M18 - 125
M19 - 182
M32 - 142
M36 - 54
M37 - 597
M40 - 544
M41 - 641
M43 - 728
M51 - 736
M70 - 200
M72 - 706
M73 - 27
M78 - 162
M79 - 476
M83 - 754
M89 - 29
MAF - 2680
MBO - 674
MCB - 679
MDD - 2694
MDF - 957
MEI - 683
MEZ - 167
MFE - 2645
MIO - 955
MJD - 725
MKN - 1412
MKO - 958
MKV - 395
MLC - 948
MLU - 403
MMS - 677
MNZ - 2044
MPE - 721
MPJ - 176
MRF - 2639
MSY - 423
MWL - 2701
MXA - 163
NBG - 440
NEW - 449
NFW - 1913
NGP - 1423
NMM - 692
NOG - 2730
NQI - 2504
O47 - 1039
O53 - 953
OCH - 2714
ODO - 2725
OJA - 1095
OKC - 977
OKM - 1025
OLV - 710
ONY - 2729
OPL - 467
ORG - 2737
ORK - 185
OSA - 2707
OSX - 666
OUN - 962
OWP - 1044
OZA - 2739
PBF - 195
PEQ - 2756
PEZ - 2764
PGR - 191
PIB - 637
PIL - 2767
PKV - 2770
PMU - 547
PNC - 1032
POE - 338
PPA - 2747
PQL - 717
PRX - 2752
PSN - 2743
PSX - 2741
PTN - 471
PVJ - 1028
PVW - 2761
PWA - 994
PWG - 2934
PYX - 2758
RAS - 2765
RBD - 1544
RBO - 2772
RCE - 1003
RFI - 2063
RKP - 2774
RKR - 1036
RND - 2891
RNV - 568
ROG - 201
RPH - 2004
RQO - 866
RSN - 483
RUE - 208
RVS - 1068
RWV - 1380
RYW - 2553
SAT - 2796
SEP - 2864
SGR - 2416
SGT - 224
SHV - 492
SJT - 2782
SKF - 2813
SLG - 214
SLR - 2868
SNK - 2857
SNL - 1050
SOA - 2859
SPH - 505
SPS - 2950
SRC - 211
SRE - 1048
SSF - 2829
STF - 737
SUZ - 37
SWI - 2847
SWO - 1056
SWW - 2871
T00 - 1186
T15 - 2641
T27 - 1793
T30 - 2755
T41 - 2523
T45 - 2750
T51 - 2451
T59 - 2945

T65 - 2938
T69 - 2853
T74 - 2872
T78 - 2597
T82 - 1944
T85 - 2968
T92 - 2644
T93 - 1800
TDW - 1184
TFP - 2482
TIK - 1009
TKI - 1575
TME - 2452
TPL - 2873
TQH - 1063
TRL - 2879
TUL - 1075
TUP - 745
TVR - 510
TXK - 231
TYR - 2882
UBS - 589
UOX - 713
UTA - 742
UTS - 2479
UVA - 2911
UXL - 506
VBT - 40
VCT - 2916
VHN - 2913
VKS - 752
WDG - 892
WEA - 2937
WWR - 1097
XBP - 1357
XNA - 92

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ADA, OK

ADA MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

ALTUS, OK

ALTUS/QUARTZ
MOUNTAIN RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR-A
VOR-B[1]
NA when local weather not available.
[1]NA when KLTS ATCT closed.

ARDMORE, OK

ARDMORE MUNI ..... **ILS or LOC Rwy 31**[13]
VOR-B[2]
[1]ILS,Category B, 700-2; Category C, 800-2; Category D, 800-2½. LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when control tower closed.

BARTLESVILLE, OK

BARTLESVILLE MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR/DME Rwy 35
NA when local weather not available.
Category D, 800-2¼.

BATESVILLE, AR

BATESVILLE RGNL ..... **RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BLYTHEVILLE, AR

ARKANSAS INTL ..... **ILS Rwy 18**
VOR Rwy 18
VOR Rwy 36
NA when using Blytheville Muni altimeter setting.

BLYTHEVILLE MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

CLAREMORE, OK

CLAREMORE RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

CLINTON, OK

CLINTON-SHERMAN ..... **ILS Rwy or LOC 17R**[1]
VOR Rwy 35L[2]
NA when control tower closed.
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¾.
[2]Category E, 800-2¾.

CLINTON RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME-A
NA when local weather not available.

CUSHING, OK

CUSHING MUNI ..... **NDB Rwy 36**
RNAV (GPS) Rwy 36
NA when local weather not available.

DEQUEEN, AR

J. LYNN HELMS
SEVIER COUNTY ..... **RNAV (GPS) Rwy 8**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD ..... **VOR Rwy 22**

NA when control zone not in effect.

EL RENO, OK

EL RENO RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME Rwy 35

NA when local weather not available.

ENID, OK

ENID
WOODRING RGNL ..... **ILS or LOC Rwy 35[1]**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR Rwy 35

NA when local weather not available.
[1]NA when control tower closed.

FAYETTEVILLE, AR

DRAKE FIELD ..... **LDA/DME Rwy 34[1 3 4]**
LOC Rwy 16[2 3]
RNAV (GPS) Rwy 16[2 4]
RNAV (GPS) Rwy 34[4 5]
VOR-A[2 4]
VOR/DME-B[2]

[1]LDA/GS,Category A,B, 800-2; Category C, 800-2½. LDA, Category C, 800-2½.
[2]Category C, 800-2¼; Category D, 1100-3.
[3]NA when control tower closed.
[4]NA when local weather not available.
[5]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1100-3.

FAYETTEVILLE/SPRINGDALE/ ROGERS, AR

NORTHWEST ARKANSAS RGNL .... **ILS or LOC/DME Rwy 16**
ILS or LOC/DME Rwy 34
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

FLIPPIN, AR

MARION COUNTY RGNL ..... **RNAV (GPS) Rwy 4[1]**
RNAV (GPS) Rwy 22
VOR-A

NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2½.

NAME ALTERNATE MINIMUMS

FORT SMITH, AR

FORT SMITH RGNL ..... **ILS or LOC Rwy 7[1]**
ILS or LOC Rwy 25[1]
NDB Rwy 25[2]
RADAR-1[3]
RNAV (GPS) Rwy 1[2 4]
VOR/DME or TACAN Rwy 7[3]
VOR or TACAN Rwy 25[3]

NA when control tower closed.
[1]ILS, Categories A,B,C, 700-2; Category D, 700-2¼; Category E, 800-2½. LOC, Category D, 800-2¼; Category E, 800-2½.
[2]Category D, 800-2¼.
[3]Category D, 800-2¼; Category E, 800-2½.
[4]NA when local weather not available.

GUTHRIE, OK

GUTHRIE-EDMOND RGNL ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34

NA when local weather not available.

HARRISON, AR

BOONE COUNTY ..... **RNAV (GPS) Rwy 36**

NA when local weather not available.

HOBART, OK

HOBART RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 35

NA when local weather not available.

HOT SPRINGS, AR

MEMORIAL FIELD ..... **VOR Rwy 5[1]**
ZAPLE VOR Rwy 5

NA when local weather not available.
[1]Categories A,B, 1100-2; Categories C,D, 1100-3.

JONESBORO, AR

JONESBORO MUNI ..... **ILS or LOC Rwy 23**
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 31
VOR Rwy 23

NA when local weather not available.

LAWTON, OK

LAWTON-FORT SILL RGNL ..... **ILS or LOC Rwy 35**
VOR Rwy 35

NA when control tower closed.

NAME ALTERNATE MINIMUMS

LITTLE ROCK, AR

ADAMS FIELD ..... **ILS or LOC Rwy 4L[1]**
ILS or LOC Rwy 4R[2]
ILS or LOC Rwy 22R[14]
ILS or LOC Rwy 22L[14]
RADAR-1[3]
RNAV (GPS) Rwy 4L[34]
RNAV (GPS) Rwy 4R[34]
RNAV (GPS) Rwy 22L[34]
RNAV (GPS) Rwy 22R[34]
VOR-A[3]

[1]ILS, Category C, 700-2; Category D, 1000-3. LOC, Category D, 1000-3.
[2]ILS, Categories A,B,C, 700-2; Category D, 1000-3. LOC, Category D, 1000-3.
[3]Category D, 1000-3.
[4]NA when local weather not available.

MC ALESTER, OK

MC ALESTER RGNL ..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20

NA when local weather not available.

MONTICELLO, AR

MONTICELLO MUNI/
ELLIS FIELD ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
VOR-A

NA when local weather not available.

MOUNTAIN HOME, AR

OZARK RGNL ..... **ILS or LOC/DME Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
VOR-A

NA when local weather not available.

MUSKOGEE, OK

DAVIS FIELD ..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 13[1]
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31[1]

NA when local weather not available.
[1]Category E, 1000-3.

NEWPORT, AR

NEWPORT MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

NORMAN, OK

UNIVERSITY OF OKLAHOMA
WESTHEIMER ..... **ILS or LOC Rwy 17[1]**
NDB Rwy 3[23]
NDB Rwy 35[23]
RNAV (GPS) Rwy 3[2]
RNAV (GPS) Rwy 17[2]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]Category D, 800-2¼.

OKLAHOMA CITY, OK

CLARENCE E.
PAGE MUNI ..... **RNAV (GPS) Rwy 17R**
RNAV (GPS) Rwy 35L
VOR-B

NA when local weather not available.

WILEY POST ..... **ILS Rwy 17L[1]**
RNAV (GPS) Rwy 17L[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

WILLROGERS WORLD .. **ILS or LOC Rwy 17L[1]**
ILS or LOC Rwy 17R[1]
ILS Rwy 35R[1]
ILS or LOC/DME Rwy 35L[1]
RADAR-1[1]
VOR Rwy 17L[2]

[1]Category E, 1000-3.
[2]Categories A,B, 1100-2; Categories C,D,E, 1100-3.

OKMULGEE, OK

OKMULGEE RGNL ..... **RNAV (GPS) Rwy 18**

NA when local weather not available.

PONCA CITY, OK

PONCA CITY RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

ROGERS, AR

ROGERS MUNI-
CARTER FIELD ..... **RNAV (GPS) Rwy 20[1]**
VOR Rwy 2[2]

[1]NA when local weather not available.
[2]Category C, 800-2¼; Category D, 800-2½.

RUSSELLVILLE, AR

RUSSELLVILLE RGNL ..... **RNAV (GPS) Rwy 7**
Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

SEARCY, AR

SEARCY MUNI ..... **RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
NA when local weather not available.

SEMINOLE, OK

SEMINOLE MUNI ..... **RNAV (GPS) Rwy 16**
NA when local weather not available.

SILOAM SPRINGS, AR

SMITH FIELD ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
VOR-A
NA when local weather not available.

STILLWATER, OK

STILLWATER RGNL ..... **ILS or LOC Rwy 17[1]**
NDB Rwy 17[2]
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 35[2]
VOR Rwy 17[2]
VOR/DME Rwy 35[2]
[1]NA when control tower closed.
[2]NA when local weather not available.

STUTTGART, AR

STUTTGART MUNI ..... **RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 27
RNAV (GPS) Rwy 36
NA when local weather not available.

TAHLEQUAH, OK

TAHLEQUAH MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

NAME ALTERNATE MINIMUMS

TEXARKANA, AR

TEXARKANA RGNL/
WEBB FIELD ..... **ILS or LOC Rwy 22[1][2]**
LOC BC Rwy 4[1]
RNAV (GPS Rwy 4
RNAV (GPS Rwy 13
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31
VOR Rwy 13
NA when local weather not available.
[1]NA when control tower closed.
[2]ILS,Category D, 700-2.

TULSA, OK

RICHARD LLOYD
JONES,JR. ..... **ILS or LOC Rwy 1L[1]**
RNAV (GPS) Rwy 1L
VOR/DME-A
NA when local weather not available.
[1]ILS, 700-2. ILS,LOC, NA when control tower closed.

TULSA INTL ..... **ILS or LOC Rwy 18L[1]**
ILS or LOC Rwy 18R[2]
ILS or LOC Rwy 36R[3]
RNAV (GPS) Rwy 18L[4]
RNAV (GPS) Rwy 18R[4]
RNAV (GPS) Rwy 26[4]
RNAV (GPS) Rwy 36R[4]
VOR or TACAN Rwy 26[4]
[1]ILS, Category D, 700-2; Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]ILS, Category D, 700-2.
[3]ILS, Categories A, B, C, D, 700-2. LOC, Category E, NA.
[4]Category E, 800-2¼.

WOODWARD, OK

WEST WOODWARD ..... **RNAV (GPS) Rwy 17[1][2]**
RNAV (GPS) Rwy 35[1][2]
VOR/DME-A[2]
[1]NA when local weather not available.
[2]Category D, 800-2¼.

ALTUS AFB (KLTS), OK (Amdt 2, 09267 USAF) ELEV 1382

RADAR[1] - Ctc APP CON **(E)** 125.1 257.725

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[2]	17R[34]		AB	**1740**/24	361	(400-½)
			CDE	**1740**/40	361	(400-¾)
	17L[34]		AB	**1740**/24	358	(400-½)
			CDE	**1740**/40	358	(400-¾)
	35R[4]		AB	**1740**/24	378	(400-½)
			CDE	**1740**/40	378	(400-¾)
	35L[5]		AB	**1760**/24	407	(400-½)
			CD	**1760**/40	407	(400-¾)
			E	**1760**/50	407	(400-1)
CIR[6]	All Rwy		A	**1780**-1	398	(400-1)
			B	**1840**-1	458	(500-1)
			C	**1840**-1½	458	(500-1½)
			D	**1940**-2	558	(600-2)
			E	**1980**-2	598	(600-2)

[1]Opr 1600-0600Z++ wkd,clsd wkend and hol. [2]No-NOTAM preventive maint sked: ASR 1100-1315++ Mon-Fri. [3]Stepdown fix 2 NM fr rwy thld. [4]When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles. [5]When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles. [6]Circling not authorized W of Rwy 17R-35L.

FAYETTEVILLE, AR Orig-A, APR 21, 1997 (FAA) ELEV 1251

DRAKE FIELD

RADAR- 121.0 244.57

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	16		A	**2060**-1	809	(900-1)	B	**2060**-1¼	809	(900-1¼)
			C	**2060**-2¼	809	(900-2¼)	D	**2060**-2½	809	(900-2½)
CIRCLING			A	**2060**-1	809	(900-1)	B	**2060**-1¼	809	(900-1¼)
			C	**2060**-2¼	809	(900-2¼)	D	**2300**-3	1049	(1100-3)

Circling NA East of runway 16-34.
Inoperative table does not apply.

FORT SMITH, AR

Amdt 8B, AUG 28, 2008 (FAA) ELEV **469**

FORT SMITH RGNL

RADAR - 120.9 343.75 ▽ ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	25		AB	**1040**/24	594	(600-½)	C	**1040**/50	594	(600-1)
			D	**1040**/60	594	(600-1¼)	E	**1040**-1½	594	(600-1½)
	1		AB	**1140**-1	692	(700-1)	C	**1140**-2	692	(700-2)
			D	**1140**-2¼	692	(700-2¼)	E	**1140**-2½	692	(700-2½)
	7		AB	**1200**-½	731	(800-½)	C	**1200**-1½	731	(800-1½)
			D	**1200**-1¾	731	(800-1¾)	E	**1200**-2	731	(800-2)
CIRCLING			AB	**1200**-1	731	(800-1)	C	**1200**-2	731	(800-2)
			D	**1200**-2¼	731	(800-2¼)	E	**1200**-2½	731	(800-2½)

When control tower closed ASR not authorized. Circling to Rwy 1 NA at night.
Circling Cat E NA when R-2401B active.

HENRY POST AAF (KFSI), OK (Fort Sill) (Amdt 12, 08297 USA) ELEV 1187

RADAR - (E) 120.55 322.4 ⚠ NA

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	35	3.0°/48/918	AB	**1388**/24	200	(200-½)
			CDE	**1388**/40	200	(200-¾)
	17	3.0°/42/809	ABCDE	**1388**-¾	200	(200-¾)
ASR	35		ABC	**1540**/40	352	(400-¾)
			DE	**1540**/50	352	(400-1)
	17		AB	**1660**-1	472	(500-1)
			C	**1660**-1¼	472	(500-1¼)
			D	**1660**-1½	472	(600-1½)
			E	**1660**-1¾	472	(500-1¾)
CIR[1]	17-35		AB	**1680**-1	492	(500-1)
			C	**1680**-1½	492	(500-1½)
			D	**1740**-2	552	(600-2)
			E	**1780**-2	592	(600-2)

[1]Cat E cir not auth W of Rwy 17-35.

LAWTON, OK

AMDT.4A, JAN 10, 2000 (FAA) ELEV **1110**

LAWTON-FORT SILL RGNL

RADAR 1 - 120.55 322.4

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35		ABC	**1560**-¾	471	(500-¾)	D	**1560**-1	471	(500-1)
CIRCLING			AB	**1600**-1	490	(500-1)	C	**1620**-1½	510	(600-1½)
			D	**1680**-2	570	(600-2)				

LAWTON, OK

Amdt. 1B, JUN 25, 2002 (FAA) ELEV **1110**

LAWTON-FORT SILL RGNL

RADAR 2 - 120.55 322.4

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17		AB	**1620**-1	510	(600-1)	CD	**1620**-1½	510	(600-1½)
CIRCLING			AB	**1620**-1	510	(600-1)	C	**1620**-1½	510	(600-1½)
			D	**1680**-2	570	(600-2)				

LITTLE ROCK, AR

Amdt 17, JUL 2, 2009 (FAA) ELEV **262**

ADAMS FIELD

RADAR-1 - 135.4 291.775 353.6 ▼ ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	4R		ABC	**720**/40	460	(500-¾)	D	**720**/50	460	(500-1)
	4L		AB	**780**/40	522	(500-¾)	C	**780**/50	522	(600-1)
			D	**780**/60	522	(600-1¼)				
	18		AB	**720**-1	462	(500-1)	C	**720**-1¼	462	(500-1¼)
			D	**720**-1½	462	(700-1½)				
	22R		AB	**740**/24	478	(500-½)	C	**740**/40	478	(500-¾)
			D	**740**/50	478	(500-1)				
	22L		AB	**740**/40	480	(500-¾)	C	**740**/60	480	(500-1¼)
			D	**740**-1½	480	(500-1½)				
	36		AB	**780**-1	523	(600-1)	C	**780**-1½	523	(600-1½)
			D	**780**-1¾	523	(600-1¾)				
CIRCLING			AB	**780**-1	518	(600-1)	C	**880**-1¾	618	(700-1¾)
			D	**1180**-3	918	(1000-3)				

For inoperative MALSR increase S-4R and S-4L Cats A/B visibility to RVR 5000. Inoperative table does not apply to S-22L Cat C. Visibility reductions for helicopters NA.

OKLAHOMA CITY, OK

Amdt. 2, FEB 9, 1989 (FAA) ELEV **1299**

WILEY POST

RADAR - 124.6 266.8 ▼

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35R		AB	**1840**-1	541	(600-1)	C	**1840**-1½	541	(600-1½)
			D	**1840**-1¾	541	(600-1¾)				
CIRCLING			AB	**1840**-1	541	(600-1)	C	**1840**-1½	541	(600-1½)
			D	**1880**-2	581	(600-2)				

OKLAHOMA CITY, OK Amdt. 20A, OCT 30, 2002 (FAA) ELEV 1295

WILL ROGERS WORLD

RADAR - 124.6 266.8 ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35R		ABC	**1680**/40	386	(400-¾)	DE	**1680**/50	386	(400-1)
	17L		ABCDE	**1680**/60	394	(400-1¼)				
	17R		ABC	**1680**-¾	398	(400-¾)	DE	**1680**-1	398	(400-1)
	35L		ABCDE	**1680**-1¼	403	(400-1¼)				
CIRCLING			AB	**1760**-1¼	465	(500-1¼)	C	**1760**-1½	465	(500-1½)
			D	**1860**-2	565	(600-2)	E	**2240**-3	945	(1000-3)

Category D,E S-17R visibility increased ¼ mile for inoperative MALSR.
Category D,E S-35R visibility increased to RVR 6000 for inoperative ALSF.

TINKER AFB (KTIK), (Oklahoma City) OK (08157 USAF) ELEV 1291

RADAR - Ctc OKLAHOMA CITY APP CON (E) 118.95 118.3 323.1 273.525 ▽

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35[1]		A	**1940**/24	649	(700-½)
			B	**1940**/40	649	(700-¾)
			C	**1940**/60	649	(700-1¼)
			D	**1940**-1½	649	(700-1½)
			E	**1940**-1¾	649	(700-1¾)
	17[2]		A	**2000**/40	733	(800-¾)
			B	**2000**/50	733	(800-1)
			C	**2000**-1¾	733	(800-1¾)
			D	**2000**-2	733	(800-2)
			E	**2000**-2¼	733	(800-2¼)
CIR[3]	35		A	**1940**-1	649	(700-1)
			B	**1940**-1¼	649	(700-1¼)
			C	**1940**-1¾	649	(700-1¾)
			D	**1980**-2¼	689	(700-2¼)
			E	**2040**-2¾	749	(800-2¾)
	17		A	**2000**-1	709	(800-1)
			B	**2000**-1¼	709	(800-1¼)
			C	**2000**-2	709	(800-2)
			D	**2000**-2¼	709	(800-2¼)
			E	**2040**-2¾	749	(800-2¾)

[1]When ALS inop, increase Cat A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1¾ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles. [2]When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 2 miles, CAT D vis to 2¼ miles, and CAT E vis to 2½ miles. [3]CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

TULSA, OK
Amdt.17D, MAY 16, 2000 (FAA) ELEV **677**

TULSA INTL

RADAR - 124.0 338.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	26		AB	**1060**-1	409	(400-1)	CD	**1060**-1¼	409	(400-1¼)
			E	**1060**-1½	409	(400-1½)				
	18R		AB	**1080**-1	413	(500-1)	CD	**1080**-1¼	413	(500-1¼)
			E	NA						
	18L		AB	**1080**/24	439	(500-½)	C	**1080**/40	439	(500-¾)
			DE	**1080**/50	439	(500-1)				
	8		AB	**1120**-1	449	(500-1)	C	**1120**-1¼	449	(500-1¼)
			DE	**1120**-1½	449	(500-1½)				
	36R		AB	**1140**/24	490	(500-½)	C	**1140**/40	490	(500-¾)
			DE	**1140**/50	490	(500-1)				
	36L		AB	**1180**-1	503	(600-1)	CD	**1180**-1½	503	(600-1½)
			E	NA						
CIRCLING			AB	**1180**-1	503	(600-1)	C	**1180**-1½	503	(600-1½)
			D	**1300**-2	623	(700-2)	E	**1300**-2¼	623	(700-2¼)

Category E circling not authorized south of runway 8-26.

INSTRUCTION APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME — TAKE-OFF MINIMUMS

ADA, OK

ADA MUNI (ADH)
AMDT 3 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwy 13,** 300-1¼ or std. w/ min. climb of 307' per NM to 1300. **Rwy 17,** 300-1¼ or std. w/ min. climb of 326' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 174° to 1600 before proceeding on course.

NOTE: **Rwy 13,** bush 316' from DER, 43' right of centerline, 9' AGL/988' MSL. Tower 5477' from DER, 872' left of centerline, 120' AGL/1117' MSL. Post 123' from DER, 73' right of centerline, 3' AGL/982' MSL. Tower 1.08 NM from DER, 9' left of centerline, 160' AGL/1160' MSL. **Rwy 17,** tower 1.02 NM from DER, 1411' right of centerline, 165' AGL/1165' MSL. Pole 1017' from DER, 449' left of centerline, 90' AGL/1053' MSL. Trees beginning 83' from DER, 272' left of centerline, up to 82' AGL/1041' MSL. Trees beginning 32' from DER, 100' right of centerline, up to 58' AGL/1037' MSL. **Rwy 31,** trees beginning 2179' from DER, 988' right of centerline, up to 64' AGL/1083' MSL. Obstruction light on amom 703' from DER, 548' right of centerline, 6' AGL/1042' MSL. **Rwy 35,** trees beginning 75' from DER, 72' left of centerline, up to 56' AGL/1065' MSL. Trees beginning 132' from DER, 261' right of centerline, up to 51' AGL/1050' MSL.

NAME — TAKE-OFF MINIMUMS

ALTUS, OK

ALTUS/QUARTZ MOUNTAIN RGNL (AXS)
ORIG 09267 (FAA)

NOTE: **Rwy 35,** terrain 51' from DER, 410' right of centerline, 1435' MSL. Trees beginning 1215' from DER, 765' left of centerline, up to 40' AGL/1470' MSL.

ALTUS AFB (KLTS)

ALTUS, OK 09295

TAKE-OFF OBSTACLES: 174° Assault Strip, Aircraft taxiing 87' from DER, 360' left of centerline, 65' AGL/1425' MSL, aircraft taxiing between 1038' and 2525' from DER, 717' left of centerline, 65' AGL/1425' MSL.

ALVA, OK

ALVA RGNL

DEPARTURE PROCEDURE: **Rwys 8, 35**, climb on runway heading to 2000 before turning.

ARDMORE, OK

ARDMORE DOWNTOWN EXECUTIVE

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1 or std. with a min. climb of 300' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 17**, climb on runway heading to 1500 prior to turning. **Rwy 35**, climb on runway heading to 1400 prior to turning.

ARDMORE, OK (CON'T)

ARDMORE MUNI

TAKE-OFF MINIMUMS: **Rwy 31,** 300-1 or std. with a min. climb of 240' per NM to 900. **Rwy 35,** 500-1 or std. with a min. climb of 440' per NM to 900.

ARKADELPHIA, AR

DEXTER B. FLORENCE MEMORIAL FIELD

NOTES: **Rwy 4,** multiple towers, trees, and railroad beginning 20' from departure end of runway, 282' left of centerline, up to 85' AGL/320' MSL. Multiple trees 79' from departure end of runway, 500' right of centerline, up to 54' AGL/184' MSL. **Rwy 22,** railroad 274' from departure end of runway, 434' right of centerline, 23' AGL/212' MSL.

ASH FLAT, AR

SHARP COUNTY RGNL

NOTE: **Rwy 4,** numerous trees beginning 1151' from departure end of runway, 576' right of centerline, up to 100' AGL/839' MSL. **Rwy 22,** numerous trees beginning 548' from departure end of runway, 83' left of centerline, up to 100' AGL/759' MSL.

BARTLESVILLE, OK

BARTLESVILLE MUNI (BVO)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy17,** 200-1 or std. w/ a min climb of 257' per NM to 1000, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2200' prior to departure end of runway. **Rwy 35,** 400-2¾ or std. w/ a min. climb of 300' per NM to 1200, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 17,** multiple trees beginning 916' from departure end of runway, 169' right of centerline, up to 100' AGL/869' MSL. **Rwy 35,** tree 2216' from departure end of runway, 441' left of centerline, 52' AGL/743' MSL. Multiple trees and powerline pylons beginning 1.1 NM from departure end of runway, 180' right of centerline, up to 100' AGL/1059' MSL.

BATESVILLE, AR

BATESVILLE RGNL

TAKE-OFF MINIMUMS: **Rwy 7,** 300-1¾ or std. with a min. climb of 215' per NM to 800. **Rwy 25,** std. with a min. climb of 230' per NM to 1500, or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 25,** for climb in visual conditions: cross Batesville Rgnl Airport at or above 1300.

NOTE: **Rwy 7,** tree 1.3 NM from departure end of runway, 844' right of centerline, 100' AGL/679' MSL.

BENTON, AR

SALINE COUNTY RGNL (SUZ)

ORIG 07354 (FAA)

NOTE: **Rwy 2,** road plus vehicles beginning 185' from departure end of runway, 331' left of centerline, 10' AGL/394' MSL. Multiple trees beginning 357' from departure end of runway, 354' left of centerline, up to 75' AGL/474' MSL. Multiple trees beginning 69' from departure end of runway, 147' right of centerline, up to 35' AGL/454' MSL. **Rwy 20,** multiple trees 1221' from departure end of runway, 15' left of centerline, up to 59' AGL/438' MSL. Multiple trees and pole beginning 1315' from departure end of runway, 10' right of centerline, up to 69' AGL/448' MSL.

BENTONVILLE, AR

BENTONVILLE MUNI/LOUISE M. THADEN FIELD

TAKE-OFF MINIMUMS: **Rwy 36**, 300-2¼ or std. with a min. climb of 270' per NM to 1700.

NOTE: **Rwy 36,** tower 1.92NM from departure end of runway, 1607' left of centerline, 345' AGL/1595' MSL. Multiple t-line towers 2048' from departure end of runway, 81' AGL/1356' MSL.

BLYTHEVILLE, AR

ARKANSAS INTL (BYH)

ORIG 08101 (FAA)

NOTE: **Rwy 36,** tree 3301' from departure end of runway, 1188' left of centerline, 88' AGL/337' MSL.

BLYTHEVILLE MUNI (HKA)

ORIG 08157 (FAA)

NOTE: **Rwy 18,** tree 487' from departure end of runway, 345' left of centerline, 100' AGL/364' MSL. Tree 1780' from departure end of runway, 748' right of centerline, 100' AGL/364' MSL. **Rwy 36,** tree 2393' from departure end of runway, 825' right of centerline, 100' AGL/359' MSL.

BOISE CITY, OK

BOISE CITY (17K)

ORIG 09295 (FAA)

NOTE: **Rwy 22,** hangars 243' from DER, 226' right of centerline, 35' AGL/4212' MSL. Vehicle on road 566' from DER, right and left of centerline, up to 15' AGL/4192' MSL.

BRISTOW, OK

JONES MEMORIAL

NOTE: **Rwy 17,** cross departure end of runway at or above 31'AGL/882'MSL. T-L towers 6532' from departure end of runway, 686' right of centerline, 70' AGL/960' MSL.

CARLISLE, AR

CARLISLE MUNI (4M3)
ORIG 08157 (FAA)
NOTE: **Rwy 9,** trees 2966' from departure end of runway, 1135' right of centerline, 100' AGL/339' MSL. Building 82' from departure end of runway, 331' left of centerline, 20' AGL/264' MSL. Building 781' from departure end of runway, 565' right of centerline, 30' AGL/269' MSL. **Rwy 18,** trees 306' from departure end of runway, across centerline, up to 100' AGL/344' MSL. Road 674' from departure end of runway, across centerline, 17' AGL/262' MSL. **Rwy 27,** trees 2668' from departure end of runway, 516' right of centerline, 100' AGL/344' MSL. **Rwy 36,** road 396' from departure end of runway, across centerline, 15' AGL/259' MSL.

CHANDLER, OK

CHANDLER RGNL
NOTE: **Rwy 35,** tree 1000' from departure end of runway, on centerline, 67' AGL/1029' MSL.

CLAREMORE, OK

CLAREMORE RGNL (GCM)
ORIG 09239 (FAA)
TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 300' per NM to 1100.
NOTE: **Rwy 17,** terrain 207' from DER, 385' left of centerline, 749' MSL. Ground 451' from DER, 505' left of centerline, 753' MSL. Terrain 208' from DER, 106' right of centerline, 739' MSL. **Rwy 35,** tree 6601' from DER, 1918' left of centerline, 100' AGL/949' MSL. Tree 473' from DER, 342' left of centerline, 19' AGL/719' MSL. Tree 1103' from DER, 510' right of centerline, 27' AGL/729' MSL. Tree 1571' from DER, 558' right of centerline, 42' AGL/739' MSL. Tree 1149' from DER, 479' left of centerline, 38' AGL/727' MSL. Tree 1510' from DER, 242' right of centerline, 46' AGL/735' MSL.

CLARKSVILLE, AR

CLARKSVILLE MUNI
TAKE-OFF MINIMUMS: **Rwy 9**, 400-2
DEPARTURE PROCEDURE: **Rwys 9, 27**, climb on runway heading to 3500 prior to turning northbound.

CLINTON, AR

HOLLEY MOUNTAIN AIRPARK (2A2)
ORIG 08325 (FAA)
NOTE: **Rwy 5,** numerous trees left and right of centerline, beginning 2' from departure end of runway, up to 100' AGL/1399' MSL. **Rwy 23,** numerous trees left and right of centerline, beginning 38' from departure end of runway, up to 100' AGL/1359' MSL.

CLINTON, OK

CLINTON RGNL
TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-obstacles. **Rwy 35,** 300-1 or std. w/ min. climb of 408' per NM to 2000.
NOTE: **Rwy 35,** tower 4403' from departure end of runway, 1625' left of centerline, 230' AGL/1780' MSL.

CLINTON, OK (CON'T)

CLINTON-SHERMAN (CSM)
ORIG 08325 (FAA)
NOTE: **Rwy 17L,** tree 655' from departure end of runway, 317' left of centerline, 23' AGL/1932' MSL. **Rwy 17R,** tree 1275' from departure end of runway, 620' right of centerline, 35' AGL/1954' MSL. **Rwy 35R,** control tower 2797' from departure end of runway, 188' right of centerline, 66' AGL/1985' MSL. Tower 2981' from departure end of runway, 289' right of centerline, 76' AGL/1995' MSL.

CONWAY, AR

DENNIS F. CANTRELL FIELD (CWS)
AMDT 1 08157 (FAA)
TAKE-OFF MINIMUMS: **Rwys 8,26,** NA at night. **Rwy 26,** 200-1 or std. w/ min. climb of 346' per NM to 600. **Rwy 36,** 400-2½ or std. w/ min. a minimum climb of 289' per NM to 900.
DEPARTURE PROCEDURE: **Rwy 36,** climb heading 358° to 900 before proceeding on course.
NOTE: **Rwy 8,** trees, tower, poles and a building beginning 355' from departure end of runway, 10' right of centerline, up to 100' AGL/399' MSL. Trees, buildings, poles, sign, and a vehicle on roadway beginning 65' from departure end of runway, 18' left of centerline, up to 100' AGL/399' MSL. **Rwy 18,** silo 2222' from departure end of runway, 64' right of centerline, 100' AGL/413' MSL. Trees beginning 2370' from departure end of runway, 888' right of centerline, up to 100' AGL/399' MSL. **Rwy 26,** antenna 2003' from departure end of runway, 932' right of centerline, 140' AGL/449' MSL. Tank 3636' from departure end of runway, 1178' left of centerline, 165' AGL/475' MSL. Terrain beginning 27' from departure end of runway, 83' right of centerline, up to 0' AGL/325' MSL. **Rwy 36,** tower 11088' from departure end of runway, 3152' right of centerline, 150' AGL/650' MSL. Tower 11231' from departure end of runway, 3894' right of centerline, 186' AGL/687'. Trees beginning 2016' from departure end of runway, 340' right of centerline, up to 100' AGL/ 409' MSL. Trees and towers beginning 4368' from departure end of runway, 964' left of centerline, up to 119' AGL/428' MSL.

CUSHING, OK

CUSHING MUNI
TAKE-OFF MINIMUMS: **Rwys 2, 8, 11, 20, 26, 29,** NA. **Rwy 36,** 400-2 or std. with a min. climb of 210' per NM to 1400.
DEPARTURE PROCEDURES: **Rwy 36,** climb via heading 360° to 1400' before turning left.
NOTE: **Rwy 36,** tower 2.16 NM from departure end of runway, 5370' left of centerline, 250' AGL/1263' MSL.

DE QUEEN, AR

J. LYNN HELMS SEVIER COUNTY
TAKE-OFF MINIMUMS: **Rwy 8**, 400-2 or std. with a min. climb of 310' per NM to 800.

DECATUR, AR

CRYSTAL LAKE
TAKE-OFF MINIMUMS: **Rwy 13**, NA-obstacles.
NOTE: **Rwy 31,** railroad 208' from departure end of runway, on centerline, 23' AGL/1202' MSL, multiple trees beginning 228' from departure end of runway, left of centerline up to 1231' MSL.

DUMAS, AR

BILLY FREE MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 300-1.

DUNCAN, OK

HALLIBURTON FIELD

TAKE-OFF MINIMUMS: **Rwy 35,** 400-2, or std. with a min. climb of 220' per NM to 1600.

EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD

TAKE-OFF MINIMUMS: **Rwys 13,22,31,35,** 300-1.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 600, then climb on course.

EL RENO, OK

EL RENO RGNL (RQO)

ORIG 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18, 36,** NA-Environmental. **Rwy 35,** 200-1 or std. w/ min. climb of 300' per NM to 1700.

NOTE: **Rwy 17,** vehicle on road 444' from departure end of runway, on centerline, 17' AGL/1436' MSL. **Rwy 35,** powerlines, 1800' from departure end of runway, on centerline, 80' AGL/1519' MSL.

ELK CITY, OK

ELK CITY RGNL BUSINESS

NOTE: **Rwy 35,** multiple trees beginning 43' from departure end of runway, 225' left of centerline, up to 100' AGL/2119' MSL. Multiple trees beginning 44' from departure end of runway, 22' right of centerline, up to 100' AGL/2119' MSL.

ENID, OK

ENID WOODRING RGNL (WDG)

AMDT 3A 09267 (FAA)

NOTE: **Rwy 13,** trees beginning 107' from DER, 182' right of centerline, up to 100' AGL/1269' MSL. Trees beginning 872' from DER, 308' left of centerline, up to 100' AGL/1289' MSL. **Rwy 35,** fence 218' from DER, 491' right of centerline, 8' AGL/1175' MSL. Vehicle on road beginning 253' from DER, 388' right of centerline, 15' AGL/1187' MSL. Train on railroad tracks beginning 369' from DER, left and right of centerline, 23' AGL/1190' MSL.

FAIRVIEW, OK

FAIRVIEW MUNI

TAKE-OFF MINIMUMS: **Rwy 17**, 400-2 or std. with a min. climb of 270' per NM to 1700.

FAYETTEVILLE, AR

DRAKE FIELD (FYV)

AMDT 5 09015 (FAA)

TAKE-OFF MINIMUMS: **Rwy 16,** std. w/ min. climb of 501' per NM to 1800 or 400-1¼ w/ min. climb of 360' per NM to 1900 or 1600-2½ for climb in visual conditions. **Rwy 34,** 300-1 or std. w/ min. climb of 648' per NM to 1700.

DEPARTURE PROCEDURE: **Rwy 16,** climb heading 164° to 2700 before turning right, climb heading 164° to 3400 before turning left. For climb in visual conditions cross Drake Field at or above 2800 before proceeding on course. **Rwy 34,** climb heading 344° to 2700 before proceeding on course.

NOTE: **Rwy 16,** multiple trees, road, fence, light poles, terrain, buildings beginning 72' from departure end of runway, 21' left of centerline, 114' AGL/1623' MSL. Multiple trees beginning 825' from departure end of runway, 13' right of centerline, up to 105' AGL/1438' MSL. **Rwy 34,** multiple trees, road, fence, light poles, terrain beginning 1' from departure end of runway, 102' left of centerline, up to 85' AGL/1343' MSL. Multiple trees, road, fence, light poles, terrain beginning 570' from departure end of runway, 319' right of centerline, up to 59' AGL/1540' MSL.

FAYETTEVILLE/SPRINGDALE/ROGERS, AR

NORTHWEST ARKANSAS RGNL

TAKE-OFF MINIMUMS: **Rwy 34,** 500-2 ¾ or std. with a min. climb of 227' per NM to 1900.

NOTES: **Rwy 16,** trees 1985' from departure end of runway, 1020' right of centerline, up to 100' AGL/1321' MSL. **Rwy 34,** tower 1.99 NM from departure end of runway, 1.29 NM left of centerline, 309' AGL/1729' MSL.

FLIPPIN, AR

MARION COUNTY RGNL

TAKE-OFF MINIMUMS: **Rwy 4**, 300-1.

DEPARTURE PROCEDURE: **Rwy 4**, turn right, direct FLP VOR, then climb on course. **Rwy 22**, climb runway heading to 900, turn left, proceed direct FLP VOR, then climb on course.

FORREST CITY, AR

FORREST CITY MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 500-3 or std. with a min. climb of 290' per NM to 900.

FORT SMITH, AR

FORT SMITH RGNL

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1 or std. with a min. climb of 353' per NM to 800. **Rwy 7**, 300-1½ or std. with a min. climb of 261' per NM to 800. **Rwy 19,** 200-1¼ or std. w/ a min. climb of 226' per NM to 700, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway. **Rwy 25,** 300-1 or std. w/ a min. climb of 351' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 016° to 2400 before turning left. **Rwy 25**, climb heading 256° to 1100 before turning right.

NOTE: **Rwy 1,** terrain 56' from departure end of runway, 218' right of centerline, 0' AGL/449' MSL. Terrain 159' from departure end of runway, 354' left of centerline, 0' AGL/449' MSL. Light pole 1086' from departure end of runway, 287' left of centerline, 36' AGL/485' MSL. Tree 1495' from departure end of runway, 364' left of centerline, 60' AGL/509' MSL. Towers beginning 4315' from departure end of runway, 79' left of centerline, up to 109' AGL/619' MSL. Trees beginning 5136' from departure end of runway, 924' right of centerline, up to 100' AGL/679' MSL. **Rwy 7,** terrain 835' from departure end of runway, 678' left of centerline, 0' AGL/479' MSL. Trees beginning 3910' from departure end of runway, 1032' left of centerline, up to 57' AGL/556' MSL. Trees beginning 1.2 NM from departure end of runway, 1416' right of centerline, up to 100' AGL/699' MSL. Pole 1.2 NM from departure end of runway, 1572' right of centerline, 41' AGL/640' MSL.

Rwy 19, vehicle and road 200' from departure end of runway, 200' left of centerline, 15' AGL/462' MSL. Railroad, 639' from departure end of runway, 313' left of centerline, 20' AGL/449' MSL. Tank 704' from departure end of runway, 518' left of centerline, 31' AGL/480' MSL. Railroad 751' from departure end of runway, 2' right of centerline, 22' AGL/471' MSL. Trees beginning 930' from departure end of runway, 211' left of centerline, up to 48' AGL/627' MSL. Tree 941' from departure end of runway, 97' right of centerline, 25' AGL/474' MSL. Pole 1949' from departure end of runway, 439' left of centerline, 42' AGL/501' MSL. Elevator 2106' from departure end of runway, 969' right of centerline, 86' AGL/536' MSL. **Rwy 25,** pole 1642' from departure end of runway, 734' right of centerline, 24' AGL/513' MSL. Trees beginning 1848' from departure end of runway, 690' right of centerline, up to 100' AGL/629' MSL. Tower 4981' from departure end of runway, 1376' left of centerline, 125' AGL/623' MSL. Tank 5628' from departure end of runway, 208' left of centerline, 101' AGL/610' MSL.

GOLDSBY, OK

DAVID JAY PERRY

NOTE: **Rwy 13,** trees beginning 751' from departure end of runway, 481' left of centerline, up to 50' AGL/1209' MSL. Tree 982' from departure end of runway, 730' right of centerline, 50' AGL/1189' MSL. Terrain 101' from departure end of runway, 369' right of centerline, 1159' MSL. **Rwy 31,** tree 1624' from departure end of runway, 550' right of centerline, 50' AGL/1219' MSL. **Rwy 35,** tree 930' from departure end of runway, 45' left of centerline, 50' AGL/1199' MSL. Road 905' from departure end of runway, 18' left of centerline, 15' AGL/1194' MSL.

GROVE, OK

GROVE MUNI (GMJ)

ORIG 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18,** 200-1¼ or std. w/ min. climb of 271' per NM to 1100.

NOTE: **Rwy 18,** building 308' from departure end of runway, 321' left of centerline, 13' AGL/842' MSL. Multiple buildings beginning 11' from departure end of runway, 325' right of centerline, 22' AGL/851' MSL. Windsock 118' from departure end of runway, 325' right of centerline, 22' AGL/851' MSL. Light 165' from departure end of runway, 420' left of centerline, 24' AGL/863' MSL. Vehicle on road 598' from departure end of runway, 619' left of centerline, 15' AGL/854' MSL. Vehicle on road 590' from departure end of runway, 499' right of centerline, 15' AGL/844' MSL. Trees and poles beginning 33' from departure end of runway, 12' left of centerline, up to 100' AGL/1019' MSL. Trees and poles beginning 252' from departure end of runway, 13' right of centerline, up to 40' AGL/869' MSL. **Rwy 36,** rising terrain beginning 30' from departure end of runway, 277' left of centerline, up to 826' MSL. Pole 316' from departure end of runway, 521' left of centerline, 20' AGL/859' MSL. Trees beginning 151' from departure end of runway, 54' left of centerline, up to 100' AGL/939' MSL. Trees beginning 109' from departure end of runway, 49' right of centerline, up to 85' AGL/884' MSL.

GUTHRIE, OK

GUTHRIE-EDMOND RGNL (GOK)

AMDT 1 09351 (FAA)

NOTE: **Rwy 16,** trees beginning 54' from DER, 286' right of centerline, up to 44' AGL/1087' MSL.

GUYMON, OK

GUYMON MUNI

TAKE-OFF MINIMUMS: **Rwys 6, 24**, 600-2.

DEPARTURE PROCEDURE: **Rwys 18,36**, climb runway heading to 3700 before turning.

HARRISON, AR

BOONE COUNTY

TAKE-OFF MINIMUMS: **Rwy 18**, 1400-3 or std. with a min. climb of 320' per NM to 3200.

DEPARTURE PROCEDURE: **Rwy 18**, climb via heading 182° to 2600 before turning.

HELENA/WEST HELENA, AR

THOMPSON-ROBBINS

TAKE-OFF MINIMUMS: **Rwy 8,** 400-2 or std. with a min. climb of 250' per NM to 700.

HENRYETTA, OK

HENRYETTA MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 500-3 or std. with a min. climb of 270' per NM to 1500.

NOTE: **Rwy 36,** tower 13139' from DER, 885' right of centerline, 318' AGL/1273' MSL. Tower 8882' from DER, 6059' left of centerline, 330' AGL/1223' MSL.

HOBART, OK

HOBART RGNL (HBR)
AMDT 1 08073 (FAA)

TAKE-OFF MINIMUMS: **Rwys 3, 12, 21, 30,** NA-Environmental.

NOTE: **Rwy 35,** Terrain beginning 107' from departure end of runway, 185' left of centerline, 0' AGL/1549' MSL. terrain beginning 109' from departure end of runway, 63' right of centerline, 0' AGL/1549' MSL.

HOPE, AR

HOPE MUNI (M18)
ORIG 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwys 4, 22,** NA-Rwy closed indefinitely.

NOTE: **Rwy 16,** tree 1395' from DER, 695' left of centerline, 70' AGL/409' MSL. Tree 1307' from DER, 842' right of centerline, 70' AGL/399' MSL. Tree 2217' from DER, on centerline, 70' AGL/399' MSL. **Rwy 34,** trees beginning 504' from DER, 113' right of centerline, up to 70' AGL/460' MSL. Trees beginning 1173' from DER, 59' left of centerline, up to 70' AGL/457' MSL. Bush 39' from DER, 162' left of centerline, 10' AGL/369' MSL. Fence 154' from DER, 474' right of centerline, 11' AGL/371' MSL. Fence 410' from DER, 90' right of centerline, 11' AGL/370' MSL. Terrain 43' from DER, 448' left of centerline, 365' MSL.

HOT SPRINGS, AR

MEMORIAL FIELD

TAKE-OFF MINIMUMS: **Rwy 31**, 1100-3 or std. with a min. climb of 700' per NM to 1700. **Rwy 5**, 1100-3 or std. with a min climb of 820' per NM to 1700. **Rwy 13**, 300-1 or std. with a min. climb of 220' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 5**, climbing right turn via HOT R-065, continue climb to 1700 before departing on course. **Rwys 13,23,31**, climb on runway heading to 1700 before departing on course.

IDABEL, OK

MC CURTAIN COUNTY RGNL

NOTE: **Rwy 2,** trees 1.92 NM from departure end of runway, on centerline, 100' AGL/629' MSL.

JONESBORO, AR

JONESBORO MUNI (JBR)
AMDT 2 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 31,** NA-obstacles.

NOTE: **Rwy 5,** multiple trees beginning 872' from departure end of runway, 459' right of centerline, up to 55' AGL/304' MSL, trees 1226' from departure end of runway, 557' left of centerline, 64' AGL/315' MSL. **Rwy 13,** multiple trees and poles beginning 356' from departure end of runway, 188' right of centerline, up to 48' AGL/304' MSL. Trees and poles beginning 694' from departure end of runway, 81' left of centerline, 45' AGL/278' MSL. Railroad 600' from departure end of runway, 9' left of centerline, up to 19' AGL/275' MSL. **Rwy 23,** multiple trees beginning 2493' from departure end of runway, 282' right of centerline, up to 66' AGL/326' MSL.

LITTLE ROCK, AR

ADAMS FIELD (LIT)
AMDT 8 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18,** 300-1½ or std. w/ min. climb of 391' per NM to 600. **Rwy 22L,** 300-1¾ or std. w/ min. climb of 216' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway. **Rwy 22R,** 300-2 or std. w/ min. climb of 329' per NM to 1100.

DEPARTURE PROCEDURE**: Rwy 22R,** climb heading 225° to 1100 before turning right. **Rwy 36,** climb heading 360° to 800 before turning left.

NOTE: **Rwy 4L,** tree 1784' from departure end of runway, 787' right of centerline, 100' AGL/339' MSL. **Rwy 4R,** tree 3337' from departure end of runway, 1050' right of centerline, 100' AGL/349' MSL. **Rwy 18,** trees beginning 1147' from departure end of runway, 153' left of centerline, up to 100' AGL/401' MSL. Vehicle/road 2037' from departure end of runway, 177' left of centerline, 17' AGL/313' MSL, railroad 1264' from departure end of runway, 18' left of centerline, 23' AGL/285' MSL. Trees beginning 1473' from departure end of runway, 132' right of centerline, up to 100' AGL/479' MSL, elevator 4633' from departure end of runway, 371' right of centerline, 88' AGL/399' MSL. Train 60' from departure end of runway, 470' right of centerline, 23' AGL/282' MSL. Stack 4873' from departure end of runway, 75' right of centerline, 87' AGL/402' MSL. Railroad crossing guard 489' from departure end of runway, 545' right of centerline, 26' AGL/282' MSL. Railroad 777' from departure end of runway, 537' right of centerline, 23' AGL/277' MSL. **Rwy 22L,** trees, beginning 782' from departure end of runway, 174' left of centerline, up to 100' AGL/419' MSL. Obstruction light poles, beginning 2130' from departure end of runway, 754' left of centerline, up to 100' AGL/364' MSL. Building 1310' from departure end of runway, 820' left of centerline, 25' AGL/300' MSL. Trees, beginning 4728' from departure end of runway, 1423' right of centerline, up to 100' AGL/499' MSL. Light 982' from departure end of runway, 503' right of centerline, 100' AGL/295' MSL. **Rwy 22R,** trees beginning 1236' from departure end of runway, 407' left of centerline, up to 100' AGL/512' MSL. Railroad 969' from departure end of runway, 731' left of centerline, 26' AGL/285' MSL. Antenna 9769' from departure end of runway, 2625' left of centerline, 119' AGL/508' MSL. Train 441' from departure end of runway, 608' right of centerline, 23' AGL/282' MSL. Poles beginning 948' from departure end of runway, 101' right of centerline, up to 34' AGL/293' MSL. Building 1169' from departure end of runway, 420' right of centerline, 32' AGL/291' MSL. Trees beginning 1702' from departure end of runway, 356' right of centerline, up to 100' AGL/311' MSL. Railroad crossing guard 819' from departure end of runway, 216' right of centerline, 23' AGL/282' MSL. Antenna 349' from departure end of runway, 479' right of centerline, 18' AGL/267' MSL. **Rwy 36,** trees beginning 449' from departure end of runway, 15' left of centerline, up to 100' AGL/370' MSL. Pole 904' from departure end of runway, 386' left of centerline, 41' AGL/300' MSL. Tower 1669' from departure end of runway, 505' left of centerline, 60' AGL/313' MSL. Trees beginning 350' from departure end of runway, 408' right of centerline, up to 100' AGL/347' MSL. Pole 902' from departure end of runway, 25' right of centerline, 42' AGL/301' MSL.

09351

LITTLE ROCK AFB (KLRF)

JACKSONVILLE, AR 08045

DEPARTURE PROCEDURE: **Rwy 25:** Cross DER at least 13' AGL/299 MSL. 467' (80' AGL) trees, 6528' from departure end of rwy, 2248' left of centerline. TAKE-OFF OBSTACLES: Rwy 07: Multiple trees up to 80' AGL/367' MSL, 1045' from DER, 724' right of centerline. Multiple trees up to 80' AGL/370' MSL, 1433' from DER, 674' left of centerline. **Rwy 07** (Assault Strip): Terrain 299' MSL, 26' from DER, 337' left of centerline. Terrain 292' MSL, 32' from DER, 413' right of centerline. Multiple trees 80' AGL/384' MSL, 1882' from DER, 536' left of centerline. Multiple trees 80' AGL/367' MSL, 2960' from DER, 1174' right of centerline. **Rwy 25**: Multiple trees 80' AGL/364' MSL, 1006' from DER, 722' right of centerline. Multiple trees 80' AGL/400' MSL, 4200' from DER, 757' left of centerline. **Rwy 25** (Assault Strip): Terrain 312' MSL, 4' from DER, 372' right of centerline. Multiple trees 80' AGL/436' MSL, 1387' from DER, 840' right of centerline.

MADILL, OK

MADILL MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 1000-3 or std. with a min. climb of 325' per NM to 3000.

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 2600 before turning southbound. **Rwy 18**, plan departure to avoid 2584' tower 6 NM south of airport or maintain climb of 325' per NM to 3000.

MAGNOLIA, AR

MAGNOLIA MUNI

NOTE: **Rwy 18,** 100' AGL tree 1950' from departure end of runway, 350' left of centerline.

MALVERN, AR

MALVERN MUNI

NOTE: **Rwy 4,** multiple trees beginning 456' from departure end of runway, 1' left of centerline, up to 100' AGL/649' MSL. Multiple trees beginning 456' from departure end of runway, 1' right of centerline, up to 100' AGL/649' MSL. **Rwy 22,** multiple trees and powerlines beginning 241' from departure end of runway, 1' left of centerline, up to 75' AGL/604' MSL. Multiple trees and powerlines beginning 241' from departure end of runway, 1' right of centerline, up to 75' AGL/ 604' MSL.

MC ALESTER, OK

MC ALESTER RGNL (MLC)

ORIG-A 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 2,** 300-1½ or std. w/ a min. climb of 318' per NM to 1100. **Rwy 20,** 300-2 or std. w/ a min. climb of 232' per NM to 1100 or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

NOTE: **Rwy 2,** light standard, tree and pole beginning 203' from DER, 302' right of centerline, up to 59' AGL/828' MSL. Pole 104' from DER, 276' left of centerline, 31' AGL/780' MSL. Tree 5344' from DER, 1912' left of centerline, 100' AGL/989' MSL. **Rwy 20,** multiple trees and poles beginning 715' from DER, 66' right and 97' left of centerline, up to 50' AGL/934' MSL. Radio mast 9021' from DER, 2565' right of centerline, 266' AGL/985' MSL.

MELBOURNE, AR

MELBOURNE MUNI-JOHN E MILLER FIELD

TAKE-OFF MINIMUMS: **Rwy 21,** 300-1¼ or std. with a min. climb of 211' per NM to 1000.

NOTE: **Rwy 21,** water tank 1.1 NM from departure end of runway, 49' left of centerline, 105' AGL/939' MSL.

MENA, AR

MENA INTERMOUNTAIN MUNI

TAKE-OFF MINIMUMS: **Rwy 9,** std. with a min. climb of 284' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 17,** std. with a min. climb of 426' per NM to 3400, or 1300-2½ for climb in visual conditions. **Rwy 27,** std. with a min. climb of 408' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 35,** std. with a min. climb of 293' per NM to 3400, or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 9, 17, 27, 35,** for climb in visual conditions: cross Mena Intermountain Municipal Airport at or above 2300.

NOTE: **Rwy 27,** trees 2.01 NM from departure end of runway, on centerline, 100' AGL/1759' MSL.

MONTICELLO, AR

MONTICELLO MUNI/ELLIS FIELD (LLQ)

ORIG 08213 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21,** 200-1¼ or std. w/ min. climb of 436' per NM to 600.

NOTE: **Rwy 3,** tree 278' from departure end of runway, 544' left of centerline, 100' AGL/349' MSL. Vehicle on road 625' from departure end of runway, 628' right of centerline, 15' AGL/264' MSL. **Rwy 21,** tree 3687' from departure end of runway, 819' left of centerline, 100' AGL/469' MSL. Vehicle on road 1000' from departure end of runway, 676' left of centerline, 15' AGL/294' MSL. Trees beginning 435' from departure end of runway, 607' right of centerline, up to 100' AGL/399' MSL. Powerline 5621' from departure end of runway, 994' right of centerline, 79' AGL/458' MSL. Powerline 4504' from departure end of runway, 1652' right of centerline, 79' AGL/388' MSL.

MORRILTON, AR

MORRILTON MUNI (BDQ)

ORIG-A 08129 (FAA)

TAKE-OFF MINIMUMS: **Rwy 27,** Std. w/ min. climb of 211' per NM to 1600 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 27,** For climb in visual conditions cross Morrilton Municipal Airport at or above 1100 MSL before proceeding on course.

NOTE: **Rwy 9,** trees beginning 321' from departure end of runway, 511' right of centerline up to 100' AGL/419' MSL. Trees beginning 3378' from departure end of runway, 346' left of centerline, up to 100' AGL/449' MSL. **Rwy 27,** trees beginning 814' from departure end of runway, 317' left of centerline up to 100' AGL/399' MSL. Trees beginning 1552' from departure end of runway, 6' right of centerline up to 100' AGL/429' MSL.

PETIT JEAN PARK

TAKE-OFF MINIMUMS: **Rwy 21,** 400-2 or std. with a min. climb of 420'per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 1300 before turning.

09351

MOUNTAIN HOME, AR

OZARK RGNL

TAKE-OFF MINIMUMS: **Rwy 5,** 300-1 or std. with a min. climb of 270' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 5**, turn right. **Rwy 23,** turn left: **All aircraft** proceed direct via FLP VOR/DME then climb on course.

MOUNTAIN VIEW, AR

MOUNTAIN VIEW WILCOX MEMORIAL FIELD

TAKE-OFF MINIMUMS: **Rwy 9**, 1000-3 or std. with a min. climb of 370' per NM to 2100. **Rwy 27**, 1800-3 or std. with a min. climb of 350' per NM to 3100.

DEPARTURE PROCEDURE: **Rwy 9**, climb via heading 092° to 2100 before turning. **Rwy 27**, climb via heading 272° to 3100 before turning.

MULDROW AHP (KHMY)

LEXINGTON, OK . . . . . ORIG, 08213

TAKE-OFF OBSTACLES: **Rwy 17,** trees, poles, buildings and fence, up to 60' AGL/1149' MSL, 17' from DER, left and right of centerline. **Rwy 35,** trees, pole and NDB, up to 70' AGL/1161' MSL, 45' from DER, left and right of centerline.

MUSKOGEE, OK

DAVIS FIELD (MKO)

ORIG 08213 (FAA)

TAKE-OFF MINIMUMS: **Rwys 18, 36,** NA-Environmental. **Rwy 22,** 200-1½ or std. w/ min. climb of 436' per NM to 900. **Rwy 31,** 300-1½ or std. w/ min.

DAVIS FIELD (MKO)(CONT'D)

climb of 217' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'per NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway.

NOTE: **Rwy 22,** tree 3637' from departure end of runway, 985' right of centerline, 100' AGL/809' MSL. **Rwy 31,** tree 7679' from departure end of runway, 851' left of centerline, 100' AGL/819' MSL.

NEWPORT, AR

NEWPORT MUNI (M19)

ORIG 08269 (FAA)

NOTE: **Rwy 22,** building beginning 1947' from departure end of runway, 452' right of centerline, 60' AGL/299' MSL. **Rwy 36,** trees 2163' from departure end of runway, 939' left of centerline, up to 100' AGL/339' MSL.

NORMAN, OK

UNIVERSITY OF OKLAHOMA WESTHEIMER

NOTE: **Rwy 3,** multiple elevators, tower, and cement hopper beginning 1452' from departure end of runway, 358' right of centerline, up to 56' AGL/1236' MSL. **Rwy 21,** terrain 167' from departure end of runway, 506' right of centerline, 1182' MSL. **Rwy 35,** multiple poles beginning 699' from departure end of runway 518' right of centerline, up to 37' AGL/1215' MSL.

NORTH LITTLE ROCK, AR

NORTH LITTLE ROCK MUNI

NOTE: **Rwy 5,** 80' AGL tree 360' from departure end of runway, 500' right of centerline. **Rwy 35,** 45' AGL trees 650' from departure end of runway, 300' left of centerline; 85' AGL tree 700' from departure end of runway, 600' right of centerline.

OKLAHOMA CITY, OK

CLARENCE E. PAGE MUNI

NOTE: **Rwy 17R,** multiple trees beginning 43' from departure end of runway, 331' right of centerline, 15' AGL/1348' MSL. Multiple trees beginning 260' from departure end of runway, 345' left of centerline, 37' AGL/1366' MSL. **Rwy 35L,** bush 90' from departure end of runway, 482' left of centerline, 8' AGL/1358' MSL.

SUNDANCE AIRPARK

TAKE-OFF MINIMUMS: **Rwy 17**, 400-1.

WILL ROGERS WORLD

NOTE: **Rwy 35L,** post 47' from departure end of runway, 495' left of centerline, 14' AGL/1287' MSL. **Rwy 36,** obstruction light on lighted WSK 678' from departure end of runway, 153' left of centerline, 31' AGL/1295' MSL.

WILEY POST (PWA)

AMDT 4 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17L,** 200-1 or std. with a min. climb of 310' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 127° to 2300 before turning left. **Rwys 35L,35R,** climb heading 352° to 1900 before turning right.

NOTE: **Rwy 13,** multiple trees 2032' from departure end of runway, 405' left of centerline, 50' AGL/1359' MSL. Multiple hangars 466' from departure end of runway, 465' left of centerline, 17' AGL/1316' MSL. Multiple hangars 1348' from departure end of runway, 604' right of centerline, 35' AGL/1334' MSL. **Rwy 17L,** multiple tanks 4592' to 6210' from departure end of runway, 1220' to 1385' left of centerline, up to 148' AGL/1478' MSL. Multiple trees 1292' to 1360' from departure end of runway, 645' to 727' right of centerline, up to 50' AGL/1345' MSL. **Rwy 17R,** windsock 326' from departure end of runway, 421' left of centerline, 20' AGL/1305' MSL. **Rwy 31,** road with vehicle 556' from departure end of runway, 319' left of centerline, 15' AGL/1289' MSL. **Rwy 35L,** multiple trees 706' from departure end of runway, 560' left of centerline, 50' AGL/1329' MSL. Spire 2442' from departure end of runway, 900' left of centerline, 86' AGL/1366' MSL.

OKMULGEE, OK

OKMULGEE RGNL

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 356° to 1600 before proceeding on course.

NOTE: **Rwy 18,** multiple trees beginning 1303' from departure end of runway, 69' left of centerline, up to 100' AGL/779' MSL. Multiple trees beginning 1699' from departure end of runway, 12' right of centerline, up to 100' AGL 779' MSL.

09351

OSCEOLA, AR

OSCEOLA MUNI

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1.

NOTE: **Rwy 1,** 180' AGL antenna 3003' from departure end of runway, 20' right of centerline.

OZARK, AR

OZARK-FRANKLIN COUNTY

TAKE-OFF MINIMUMS: **Rwy 4**, 400-2 or std. with a min. climb of 492' per NM to 1400. **Rwy 22,** std. with a min. climb of 282' per NM to 1400, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course. **Rwy 22,** climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course, or for climb in visual condtions cross Ozark-Franklin County Airport southwest bound at or above 1600 then climb to 3000 via FSM R-064 to FSM VORTAC before proceeding on course.

NOTE: **Rwy 4,** trees beginning 1906' from departure end of runway, 100' left of centerline, up to 100' AGL/959' MSL. Trees beginning 3412' from departure end of runway, 6' right of centerline, up to 100' AGL/959' MSL. Tower 1.1 NM from departure end of runway, 470' left of centerline, 205' AGL/995' MSL. **Rwy 22,** rising terrain and trees beginning 1.6 NM from departure end of runway, 1017' right of centerline, up to 100' AGL/999' MSL. Rising terrain and trees beginning 2.7 NM from departure end of runway, on centerline, up to 100' AGL/1079' MSL.

PARAGOULD, AR

KIRK FIELD

TAKE-OFF MINIMUMS: **Rwy 4,** 300-1 or std. with a min. climb of 333' per NM to 600. **Rwys 8, 26,** NA-unsurveyed turf runways. **Rwy 22,** 200-1.

NOTE: **Rwy 4,** tank 5070' from departure end of runway, 883' right of centerline, 190' AGL/470' MSL. Road 1285' from departure end of runway, on centerline, 289' MSL. Sign 1506' from departure end of runway, 135' right of centerline, 50' AGL/331' MSL. **Rwy 22,** sign 311' from departure end of runway, 285' right of centerline, 30' AGL/325' MSL. Road 300' from departure end of runway, on centerline, 295' MSL.

PONCA CITY, OK

PONCA CITY RGNL (PNC)

ORIG 07354 (FAA)

NOTE: **Rwy 17,** multiple buildings, poles, and antenna beginning 195' from departure end of runway, 303' right of centerline, up to 81' AGL/1071' MSL. Trees and pole 1304' from departure end of runway, from 400' left of centerline, 70' AGL/1061' MSL. **Rwy 35,** antenna on building 10' from departure end of runway, 437' right of centerline, 13' AGL/1013' MSL. Trees 1475' from departure end of runway, 350' right of centerline 50' AGL/1030' MSL.

POTEAU, OK

ROBERT S. KERR

DEPARTURE PROCEDURE: **Rwy 18,** climb runway heading to 2500 before turning on course. **Rwy 36,** climb runway heading to 2800 before turning on course.

NOTE: **Rwy 36,** cross departure end of runway at or above 16' AGL/461' MSL.

PRYOR, OK

MID-AMERICA INDUSTRIAL

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb to 1400 before turning on course.

ROGERS, AR

ROGERS MUNI-CARTER FIELD

NOTES: **Rwy 20**, multiple towers and trees beginning 393' from departure end of runway, 209' right of centerline, up to 122' AGL/1462' MSL. Multiple towers and trees beginning 567' from departure end of runway, 81' left of centerline, up to 108' AGL/1469' MSL.

RUSSELLVILLE, AR

RUSSELLVILLE RGNL

TAKE-OFF MINIMUMS: **Rwy 7,** 500-2 or std. with a min. climb of 490' per NM to 900. **Rwy 25,** 1800-3 or std. with a min. climb of 230' per NM to 2200.

NOTE: **Rwy 7,** building, 3192' from departure end of runway, 204' left of centerline, 50' AGL/520' MSL.

SALLISAW, OK

SALLISAW MUNI

TAKE-OFF MINIMUMS: **Rwy 17,** 400-2 or std. with a min. climb of 210' per NM to 1000. **Rwy 35,** 700-2 or std. with a min. climb of 470' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 1000 before turning. **Rwy 35,** climbing left turn to 1500 on heading 180° before proceeding on course.

SAND SPRINGS, OK

WILLIAM R. POGUE MUNI (OWP)

AMDT 2 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 260' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 169° to 2500 before turning left. **Rwy 35,** climb heading 349° to 2500 before turning right.

NOTE: **Rwy 17,** trees beginning 75' from DER, 121' left and right of centerline, up to 100' AGL/940' MSL. Vehicles 83' from DER, 35' left and right of centerline, 15' AGL/905' MSL. **Rwy 35,** vehicles 83' from DER, 35' left of centerline, 15' AGL/905' MSL. Trees 1.24 NM from DER, 671' left of centerline, up to 100' AGL/1126' MSL.

SEMINOLE, OK

SEMINOLE MUNI

NOTE: **Rwy 16,** powerline 419' from departure end of runway, 403' left of centerline, 46' AGL/1025' MSL.

SILOAM SPRINGS, AR

SMITH FIELD

NOTE: **Rwy 18,** light pole 1320' from departure end of runway, 358' right of centerline, 31' AGL/1209' MSL. Trees 795' from departure end of runway, 354' left of centerline, up to 25' AGL/1197' MSL. Trees 1272' from departure end of runway, 340' right of centerline, up to 34' AGL/1212' MSL. **Rwy 36,** power pole 1185' from departure end of runway, 567' right of centerline, 31' AGL/1223' MSL. Trees 528' from departure end of runway, 424' left of centerline, up to 54' AGL/1241' MSL. Trees 532' from departure end of runway, 354' right of centerline, up to 39' AGL/1232' MSL.

09351

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

09351

SPRINGDALE, AR

SPRINGDALE MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 400-2 or std. with a min. climb of 260' per NM to 1900.

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 1900 prior to turning on course or as directed by ATC.

NOTE: **Rwy 36,** 70' AGL/1422' MSL trees 4406' from departure end of runway, 522' right of centerline. 70' AGL/1409' MSL trees 2734' from departure end of runway, 325' right of centerline. 70' AGL/1403' MSL trees 2783' from departure end of runway, 42' right of centerline. 70' AGL/1418' MSL trees 3075' from departure end of runway, 329' right of centerline. 70' AGL/1389' MSL trees 1659' from departure end of runway, 326' right of centerline.

STUTTGART, AR

STUTTGART MUNI

NOTE: **Rwy 18,** tree 108' from departure end of runway, 286' right of centerline, 9' AGL/227' MSL. **Rwy 27,** tree 188' from departure end of runway, 152' left of centerline, 7' AGL/227' MSL.

TAHLEQUAH, OK

TAHLEQUAH MUNI (TQH)

AMDT 1 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 345' per NM to 1200.

NOTE: **Rwy 17,** trees beginning 80' from departure end of runway, 16' right of centerline, up to 60' AGL/911' MSL. Trees and poles beginning 139' from departure end of runway, 337' left of centerline, up to 34' AGL/855' MSL. Light 1042' from departure end of runway, 403' left of centerline, 29' AGL/878' MSL. **Rwy 35,** poles and trees beginning 23' from departure end of runway, 42' left of centerline, up to 56' AGL/1075' MSL. Poles and trees beginning 1334' from departure end of runway, 29' right of centerline, up to 40' AGL/1058' MSL. Building 4492' from departure end of runway, 889' left centerline, 24' AGL/1024' MSL.

TEXARKANA, AR

TEXARKANA RGNL-WEBB FIELD (TXK)

AMDT 4 07354 (FAA)

NOTE: **Rwy 4,** multiple trees 881' from departure end of runway, 677' left of centerline, 60' AGL/419' MSL. Multiple trees 767' from departure end of runway, 621' right of centerline, 75' AGL/434' MSL. **Rwy 13,** multiple trees 21' from departure end of runway, 372' left of centerline, 75' AGL/424' MSL. Multiple trees 1819' from departure end of runway, 133' left of centerline, 99' AGL/438' MSL. Multiple trees beginning 237' from departure end of runway, 344' right of centerline, 98' AGL/457' MSL. **Rwy 22,** multiple trees beginning 122' from departure end of runway, 276' left of centerline, 47' AGL/406' MSL. Multiple trees beginning 132' from departure end of runway, 348' right of centerline, 71' AGL/400' MSL. **Rwy 31,** vehicle on road 346' from departure end of runway, on centerline, 15' AGL/391' MSL. Multiple trees 535' from deaprture end of runway, 124' left of centerline, 60' AGL/391' MSL. Mutliple trees beginning 454' from departure end of runway, 349' right of centerline, 70' AGL/429' MSL. Multiple trees 1962' from departure end of runway, 195' left of centerline, 60' AGL/429' MSL

TINKER AFB (KTIK),

OKLAHOMA CITY, OK 09043

DEPARTURE PROCEDURE: **Rwy 30,** climb on track 306° to 4000 prior to executing a right turn, left turns may be initiated at 1800. **Rwy 35,** intercept TIK R-354 climbing to 4000 prior to executing left turn.

TAKE-OFF OBSTACLES: **Rwy 30,** Trees 47' AGL/1267' MSL, 1778' from DER, 927' right of centerline. Monument 41' AGL/1264' MSL, 1473' from DER, 1337' right of centerline. Trees 28' AGL/1245' MSL, 2862' from DER, 1641' right of centerline.

TULSA, OK

RICHARD LLOYD JONES JR (RVS)

AMDT 6 08297 (FAA)

TAKE-OFF MINIMUMS: **Rwy 31,** 300-1¾ or std. w/ min. climb of 470' per NM to 1100.

DEPARTURE PROCEDURE: **Rwys 1L, 1R,** climb heading 007° to 1400 before proceeding on course. **Rwy 13,** climb heading 127° to 1400 before proceeding on course. **Rwys 19L, 19R,** climb heading 187° to 1400 before proceeding on course. **Rwy 31,** climb heading 307° to 1700 before proceeding on course.

NOTE: **Rwy 1L,** tree 1492' from departure end of runway, 627' right of centerline, 81' AGL/700' MSL **Rwy 1R,** railroad 163' from departure end of runway, 226' right of centerline, 23' AGL/669' MSL. Tree 250' from departure end of runway, 236' right of centerline, 45' AGL/669' MSL. Pole 582' from departure end of runway, 330' right of centerline, 49' AGL/673' MSL. Pole 992' from departure end of runway, 117' right of centerline, 40' AGL/664' MSL. Tree 1844' from departure end of runway, 74' left of centerline, 81' AGL/700' MSL. **Rwy 13,** building 717' from departure end of runway, 514' right of centerline, 25' AGL/641' MSL. Tree 1961' from departure end of runway, 92' left of centerline, 50' AGL/679' MSL. Tree 2021' from departure end of runway, 461' right of centerline, 76' AGL/695' MSL. Tree 2287' from departure end of runway, 102' right of centerline, 79' AGL/698' MSL. Tree 2438' from departure end of runway, 31' left of centerline, 80' AGL/699' MSL. Tree 2697' from departure end of runway, 323' right of centerline, 90' AGL/709' MSL. Trees beginning 2292' from departure end of runway, 655' right of centerline, up to 100' AGL/729' MSL. **Rwy 19L,** tree 791' from departure end of runway, 311' left of centerline, 46' AGL/665' MSL. Tree 1379' from departure end of runway, 457' left of centerline, 64' AGL/683' MSL. Trees beginning 3858' from departure end of runway, 620' left of centerline, up to 100' AGL/719' MSL. **Rwy 19R,** tree 2247' from departure end of runway, 1020' left of centerline, 56' AGL/685' MSL. Trees beginning 3296' from departure end of runway, 1323' left of centerline, up to 100' AGL/714' MSL. **Rwy 31,** hangar, 507' from departure end of runway, 344' right of centerline, 21' AGL/640' MSL. Trees beginning 1372' from departure end of runway, from 265' left of centerline to 248' right of centerline, up to 95' AGL/714' MSL. Tree 2161' from departure end of runway, 74' left of centerline, 102' AGL/721' MSL. Trees beginning 1965' from departure end of runway, 909' left of centerline, up to 100' AGL/739' MSL. Transmission line towers beginning 2732' from departure end of runway, 28' right of centerline, up to 107' AGL/773' MSL.

09351

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TULSA, OK (CON'T)

TULSA INTL

TAKE-OFF MINIMUMS: **Rwy 18R**, 200-1 or std. with a min. climb of 210' per NM to 900.

DEPARTURE PROCEDURE: Comply with SID or as cleared.

VANCE AFB (KEND)

ENID, OK 09323

TAKE-OFF OBSTACLES:

Rwy 17C: Barrier (when raised) 24' AGL/1321' MSL, 154' into overrun, on centerline.

Rwy 17L: Terrain, 1293' MSL, 239' from DER, 55' left of centerline. Terrain, 1295' MSL, abeam departure end of runway, 156' right of centerline. Wind sensor, 33' AGL/1325' MSL, 211' from DER, 578' right of centerline. T-1 aircraft on taxiway, 14' AGL/1298' MSL, 204' from DER, 186' right of centerline. T-1 aircraft on taxiway, 14' AGL/1303' MSL, 383' from DER, 574' left of centerline. Trees, 70' AGL/1349' MSL, 2479' from DER, 1136' left of centerline. Trees, 70' AGL/1355' MSL, 1620' from DER, 944' left of centerline.

Rwy 17R: Barrier (when raised), 24' AGL/1336' MSL, 152' into overrun, on centerline.

Rwy 35C: Barrier (when raised), 24' AGL/1301' MSL, 147' into overrun, on centerline.

Rwy 35L: Barrier (when raised), 24' AGL/1303' MSL, 149' into overrun, on centerline.

Rwy 35R: Wind sensor, 33' AGL/1299' MSL, 1884' from DER, 577' left of centerline. Vehicle on road, 10' AGL/1284' MSL, 144' from DER, 292' left of centerline. T-1 aircraft on taxiway, 14' AGL/1280' MSL, 211' from DER, 574' right of centerline.

WAGONER, OK

HEFNER-EASLEY (H68)

ORIG 08045 (FAA)

NOTE: **Rwy 36,** Multiple trees beginning 167' from departure end of runway, 544' right of centerline, up to 100' AGL/709' MSL.

WATONGA, OK

WATONGA RGNL

TAKE-OFF MINIMUMS: **Rwy 17**, 400-2 or std. with a min. climb of 315' per NM to 2000.

NOTE: **Rwy 17,** vehicle on road 165' from departure end of runway, 471' left of centerline, 15' AGL/1554' MSL. Elevator 5609' from departure end of runway, 614' left of centerline, 177' AGL/1694' MSL. **Rwy 35,** trees beginning 3318' from departure end of runway, 435' left of centerline, up to 100' AGL/1689' MSL. Vehicle on road 284' from departure end of runway, 471' right of centerline, 15' AGL/1584' MSL.

WEATHERFORD, OK

THOMAS P. STAFFORD

DEPARTURE PROCEDURE: **Rwy 17,** climb via heading 188° to 2500 before proceeding on course.

NOTE: **Rwy 17,** truck on road 682' from departure end of runway, crossing centerline, 17' AGL/1636' MSL, multiple trees beginning 2605' from departure end of runway, 652' right of centerline, up to 100' AGL/1699' MSL. **Rwy 35,** tree 1421' from departure end of runway, 413' right of centerline, 40' AGL/1649' MSL.

WEST MEMPHIS, AR

WEST MEMPHIS MUNI

TAKE-OFF MINIMUMS: **Rwy 17,** NOTE: 101' AGL trees 2155' from departure end of rwy, 196' right of centerline.

WOODWARD, OK

WEST WOODWARD

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 172° to 3100 before proceeding on course.

APP CRS	Rwy Idg	3496
358°	TDZE	210
	Apt Elev	211

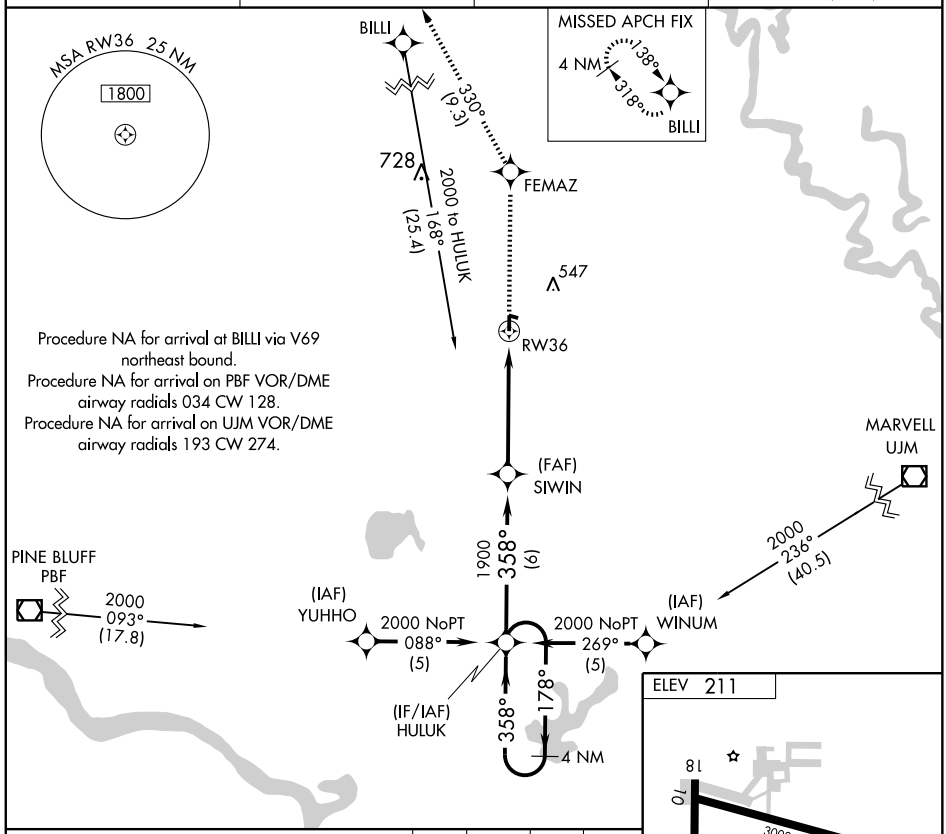
RNAV (GPS) RWY 36

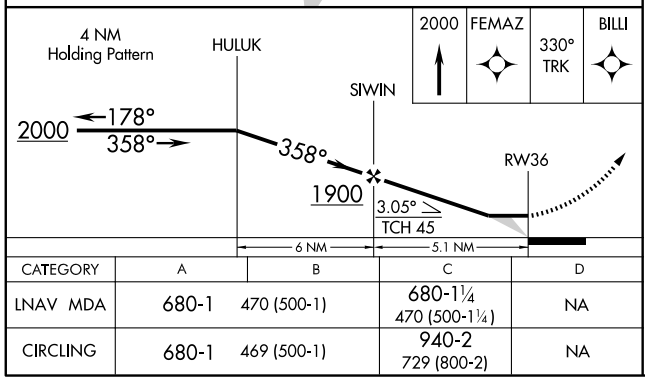
ALMYRA MUNI (M73)

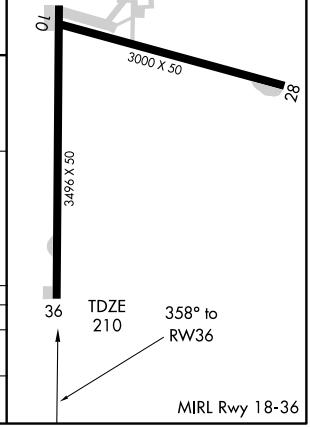
NA Use Stuttgart altimeter setting; if not received, use Pine Bluff/Grider Field altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct FEMAZ and via 330° track to BILLI and hold.

STUTTGART AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	119.85 353.6	119.85	123.0 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	680-1	470 (500-1)	680-1¼ 470 (500-1¼)	NA
CIRCLING	680-1	469 (500-1)	940-2 729 (800-2)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME PBF	APP CRS	Rwy Idg	N/A
116.0	062°	TDZE	N/A
Chan 107		Apt Elev	211

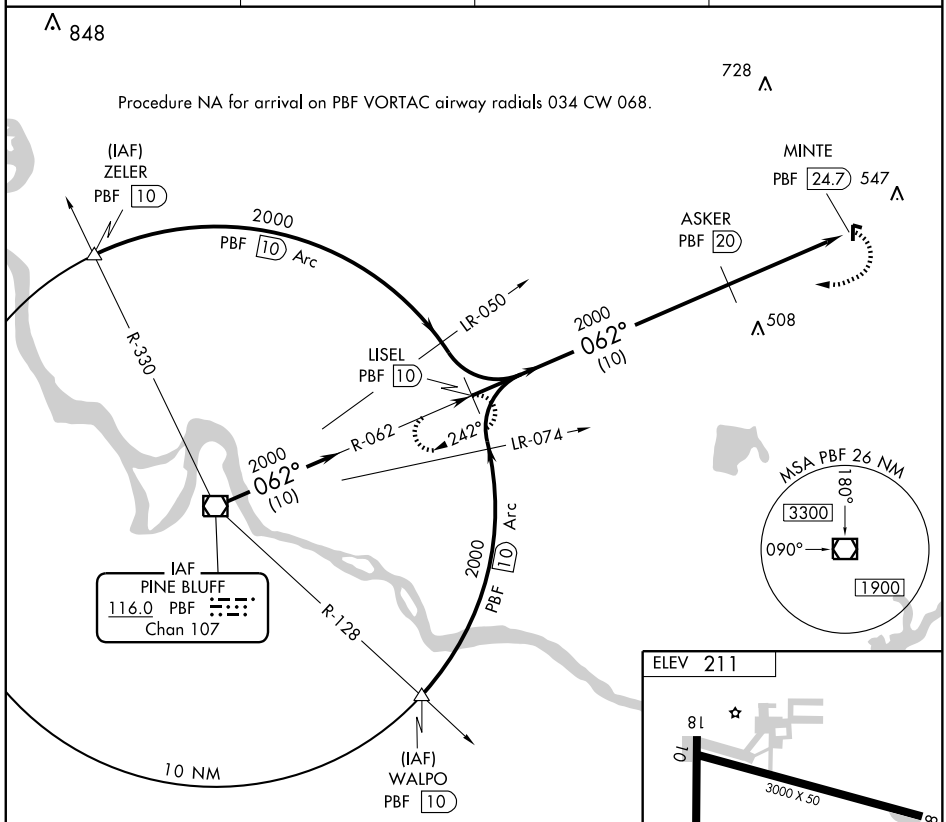
VOR/DME-A

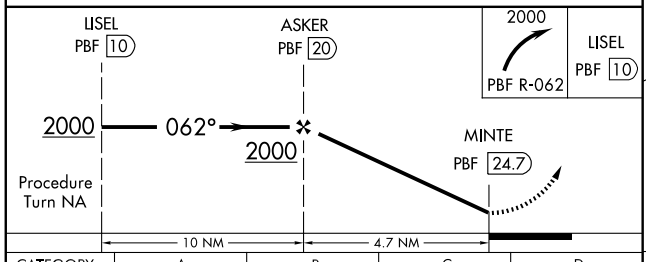
ALMYRA MUNI (M73)

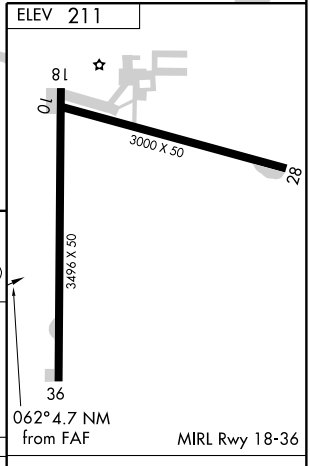
NA Use Stuttgart altimeter setting; if not received, use Pine Bluff/Grider Field altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climbing right turn to 2000 via PBF R-062 to LISEL/10 DME and hold.

STUTTGART AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	119.85 353.6	119.85	123.0 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	680-1 469 (500-1)	680-1¼ 469 (500-1¼)	940-2 729 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB ADF	APP CRS	Rwy Idg	5002
275	033°	TDZE	182
		Apt Elev	182

NDB RWY 4

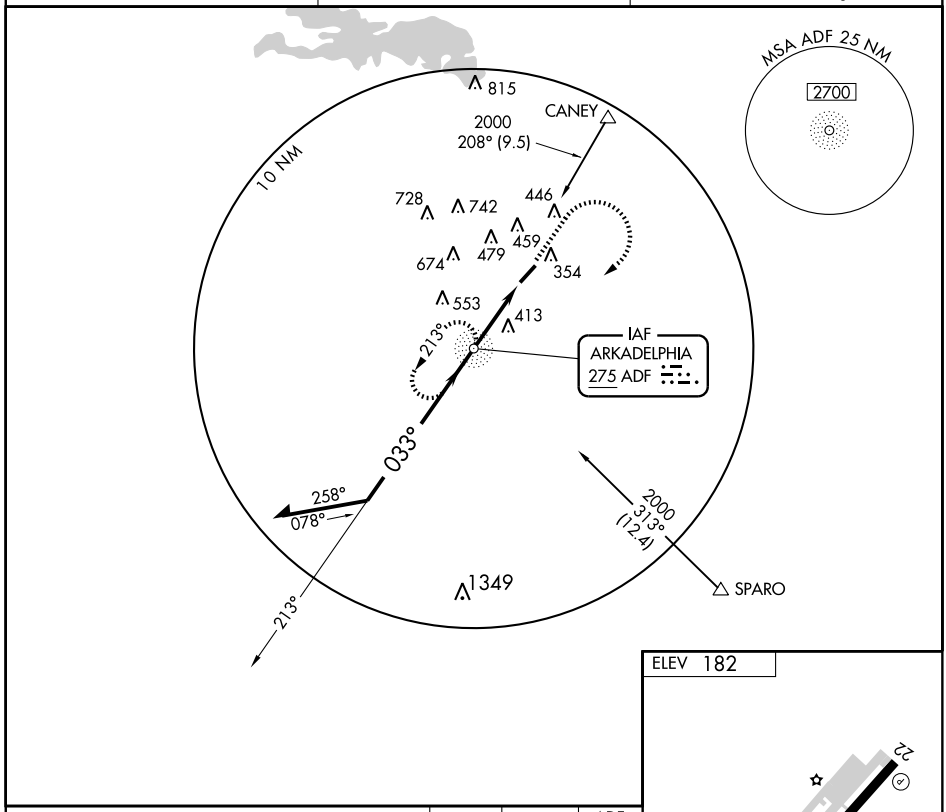
ARKADELPHIA/ DEXTER B. FLORENCE MEMORIAL FIELD (M89)

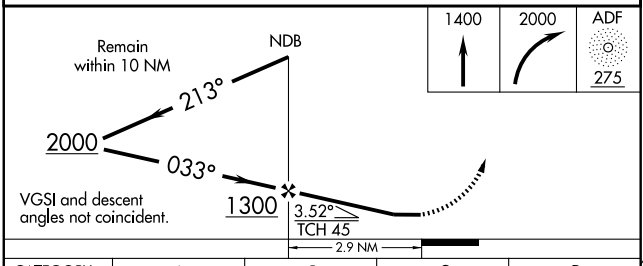
Use Hot Springs altimeter setting; if not received, use Little Rock altimeter setting and increase all MDAs 20 feet.

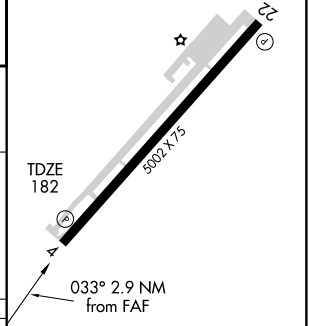
NA

MISSED APPROACH: Climb to 1400 then climbing right turn to 2000 direct ADF NDB and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.175	128.475 377.15	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-4	880-1	698 (700-1)	880-2 698 (700-2)	NA
CIRCLING	880-1	698 (700-1)	880-2 698 (700-2)	NA

FAF to MAP 2.9 NM

Knots	60	90	120	150	180
Min:Sec	2:54	1:56	1:27	1:10	0:58

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5002
040°	TDZE	182
	Apt Elev	182

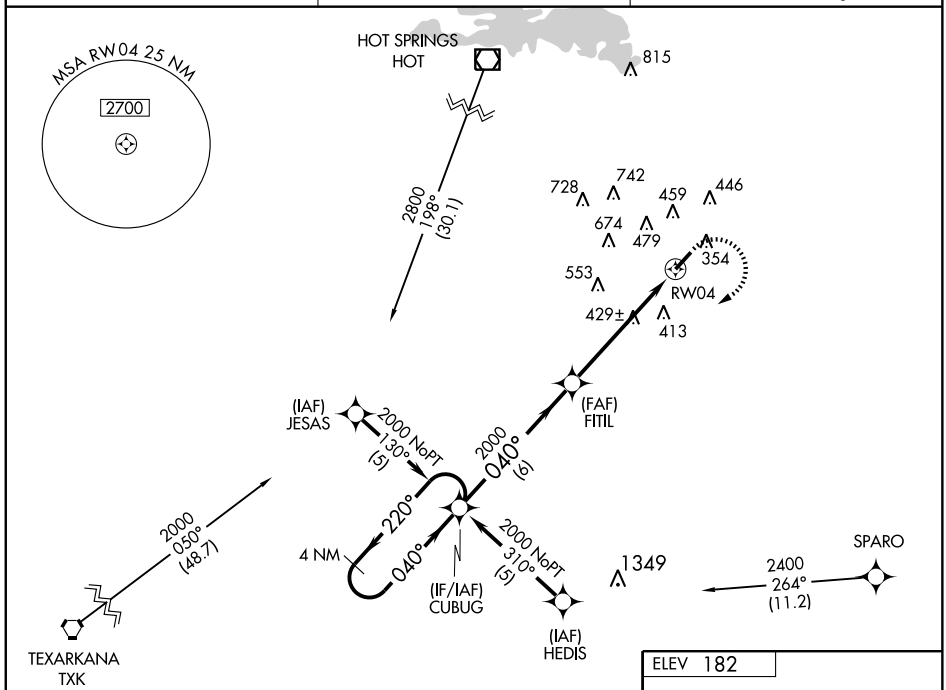
RNAV (GPS) RWY 4

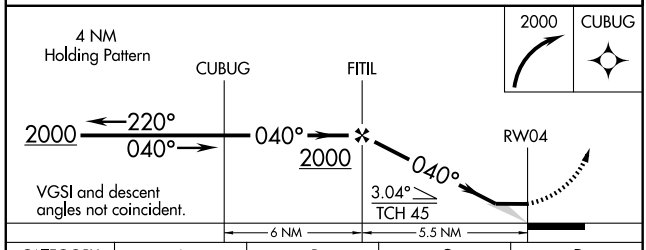
ARKADELPHIA/ DEXTER B. FLORENCE MEMORIAL FIELD (M89)

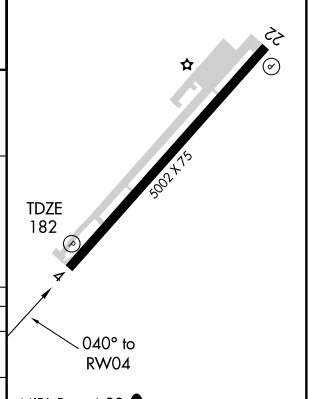
DME/DME RNP-0.3 NA.
Use Hot Springs altimeter setting; if not received, use Little Rock altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climbing right turn to 2000 direct CUBUG and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.175	128.475 377.15	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	800-1 618 (700-1)		800-1¾ 618 (700-1¾)	NA
CIRCLING	860-1 678 (700-1)	880-1 698 (700-1)	880-2 698 (700-2)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB AJX 344	APP CRS 019°	Rwy Idg 5156 TDZE 700 Apt Elev 716

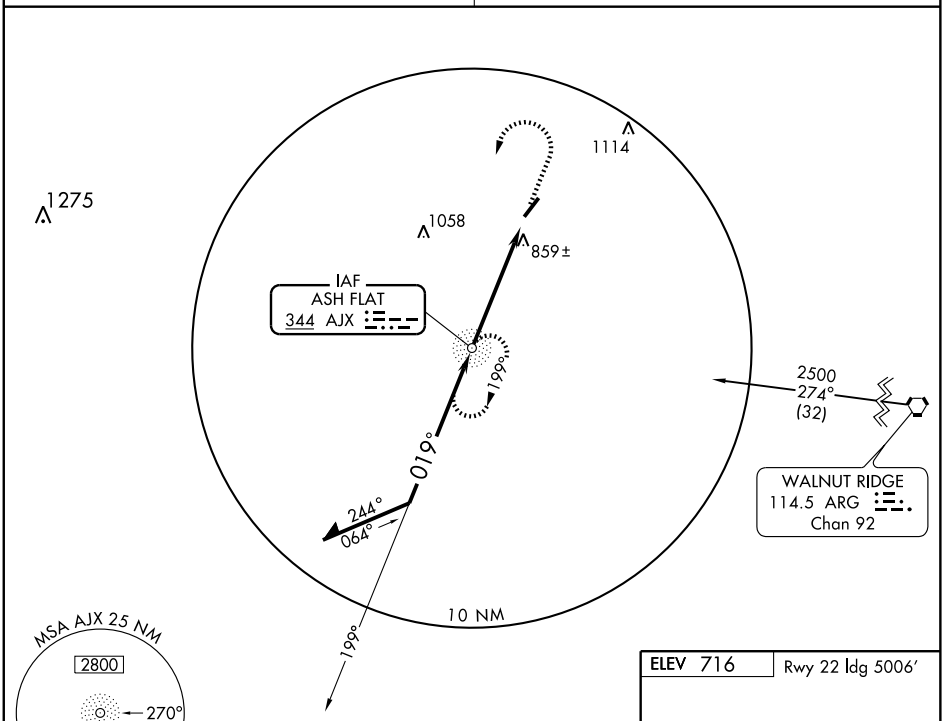
NDB RWY 4

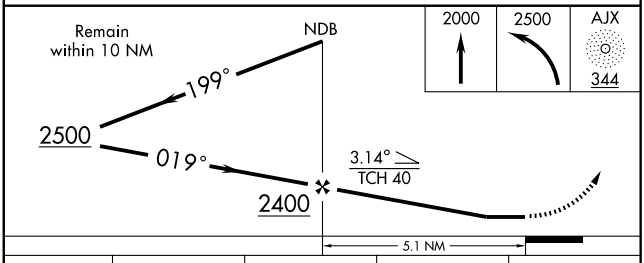
ASH FLAT/ SHARP COUNTY RGNL (CVK)

▼ NA — Use Jonesboro altimeter setting; if not received, procedure not authorized.

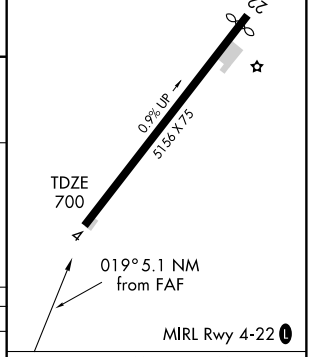
MISSED APPROACH: Climb to 2000 then climbing left turn to 2500 direct AJX NDB and hold.

MEMPHIS CENTER	UNICOM
120.075 289.4	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-4	1380-1 680 (700-1)		1380-2 680 (700-2)	NA
CIRCLING	1460-1 744 (800-1)	1460-1¼ 744 (800-1¼)	1460-2¼ 744 (800-2¼)	NA



FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

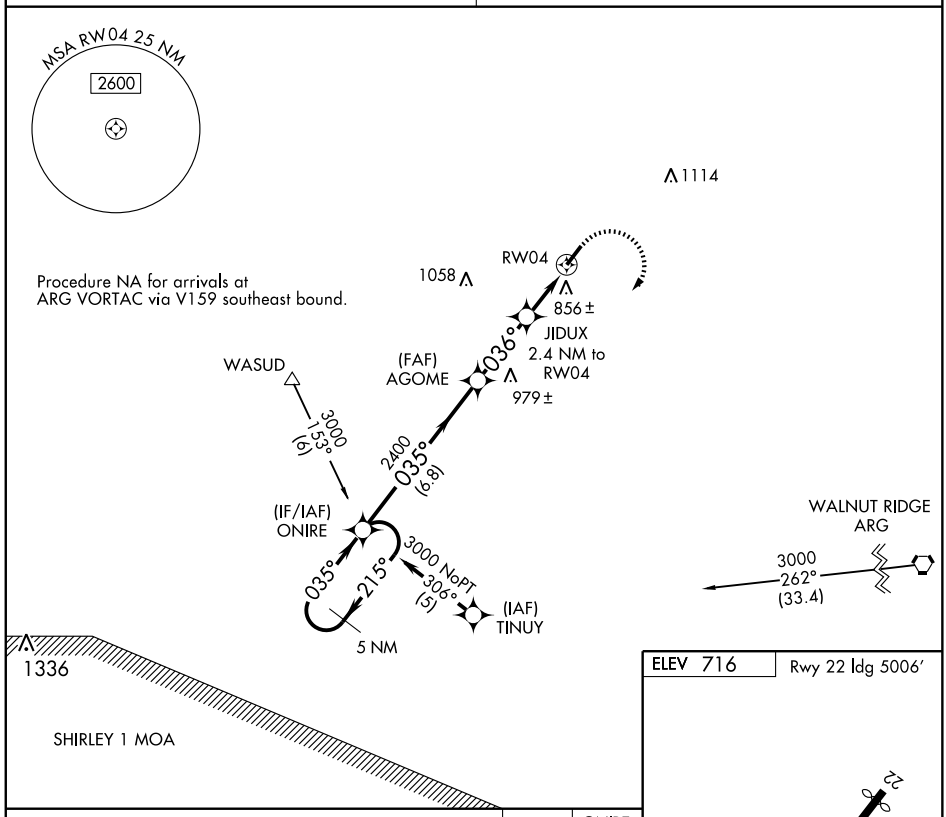
SC-1, 17 DEC 2009 to 14 JAN 2010

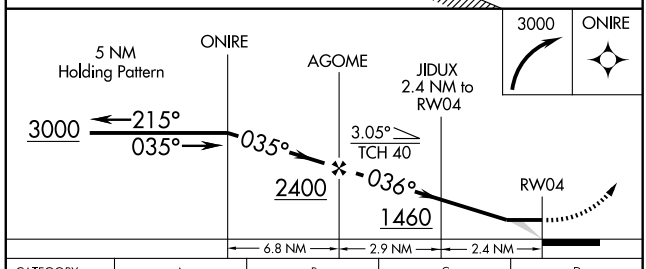
APP CRS	Rwy Idg	5156
036°	TDZE	700
	Apt Elev	716

RNAV (GPS) RWY 4

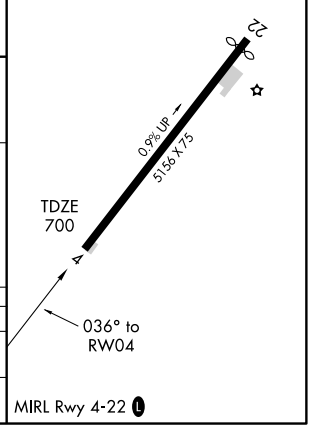
ASH FLAT/ SHARP COUNTY RGNL (CVK)

▼ NA: DME/DME RNP-0.3 NA. Use Walnut Ridge altimeter setting; if not received, use Jonesboro altimeter setting and increase all MDAs 60 feet.	MISSED APPROACH: Climbing right turn to 3000 direct ONIRE and hold.
MEMPHIS CENTER **120.075 289.4**	UNICOM **122.7** (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1260-1	560 (600-1)	1260-1½ 560 (600-1½)	NA
CIRCLING	1400-1	684 (700-1)	1400-2 684 (700-2)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5006
216°	TDZE	716
	Apt Elev	716

RNAV (GPS) RWY 22

ASH FLAT/ SHARP COUNTY RGNL (CVK)

DME/DME RNP-0.3 NA. Use Walnut Ridge altimeter setting; if not received, use Jonesboro altimeter setting and increase all MDAs 60 feet.

NA

MISSED APPROACH: Climb to 3000 direct ONIRE and hold.

MEMPHIS CENTER
120.075 289.4

UNICOM
122.7 (CTAF) L

LINDBERGH C MOA

ZERTY

3000
107°
(27.7)

1444

MSA RW 22 25 NM
2600

(IAF)
KOCEG

5 NM

3000 NoPT
126°
(5)

036°

216°

(IF/IAF)
JINOM

3000 NoPT
306°
(5)

(IAF)
HUXAG

2400
216°
(6.5)

(FAF)
NOYDI

3000
309°
(24.1)

WALNUT RIDGE
ARG

OYEYA
2.7 NM to
RW22

1114

RW22

3000
036°
(21.7)

1058

WASUD

MISSED APCH FIX
ONIRE

035°

215°

5 NM

ELEV 716

Rwy 22 ldg 5006'

216° to
RW22

22

TDZE
716

839±

0.9% UP

5156 X 75

4

3000

ONIRE

OYEYA
2.7 NM to
RW22

NOYDI

JINOM

5 NM
Holding Pattern

036°
216°

3000

RW22

3.04°
TCH 40

216°

2400

1600

2.7 NM — 2.4 NM — 6.5 NM

CATEGORY	A	B	C	D
LNAV MDA	1360-1	644 (700-1)	1360-1¾ 644 (700-1¾)	NA
CIRCLING	1400-1	684 (700-1)	1400-2 684 (700-2)	NA

MIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BVX	APP CRS	Rwy Idg 6002
109.7	079°	TDZE 463
Chan 34		Apt Elev 464

LOC RWY 7
BATESVILLE RGNL (BVX)

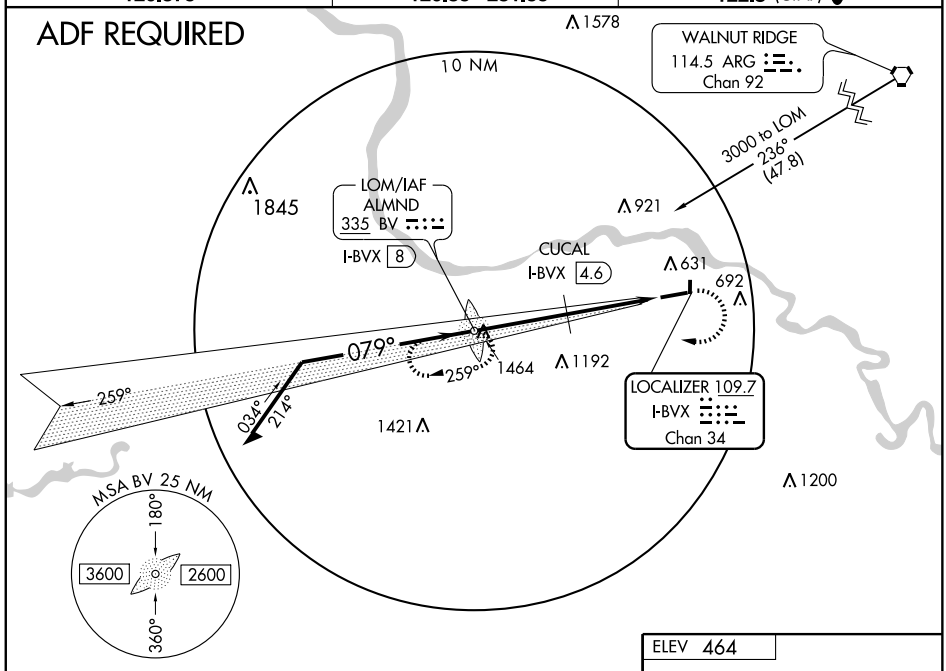
▼ NA — If local altimeter setting not received, use Searcy Muni altimeter setting and increase all MDAs 100 feet. VDP NA with Searcy Muni altimeter setting. Circling NA northwest of Rwys 7 and 25. Circling to Rwy 17-35 NA at night. Inoperative table does not apply to S-LOC 7 all Cats and CUCAL fix minimums S-LOC 7 Cat C. ADF Required.

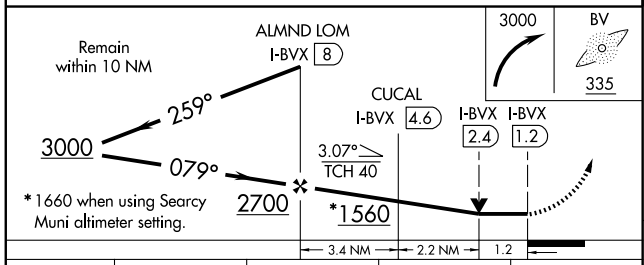
MALS (A4)

MISSED APPROACH: Climbing right turn to 3000 direct ALMND LOM and hold.

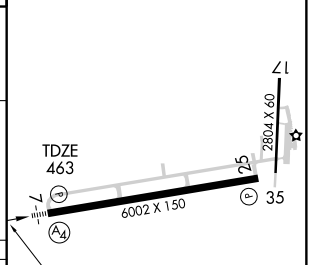
AWOS-3	MEMPHIS CENTER	UNICOM
126.375	126.85 281.55	122.8 (CTAF) L

ADF REQUIRED





CATEGORY	A	B	C	D
S-LOC 7	1560-1¼ 1097 (1100-1¼)	1560-1½ 1097 (1100-1½)	1560-3 1097 (1100-3)	
CIRCLING	1560-1¼ 1096 (1100-1¼)	1560-1½ 1096 (1100-1½)	1560-3 1096 (1100-3)	
CUCAL FIX MINIMUMS				
S-LOC 7	880-¾ 417 (500-¾)		880-1¼ 417 (500-1¼)	
CIRCLING	980-1 516 (600-1)		980-1½ 516 (600-1½)	1040-2 576 (600-2)



MIRL Rwy 7-25 L

FAF to MAP 6.8 NM					
Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6002
079°	TDZE	463
	Apt Elev	464

RNAV (GPS) RWY 7

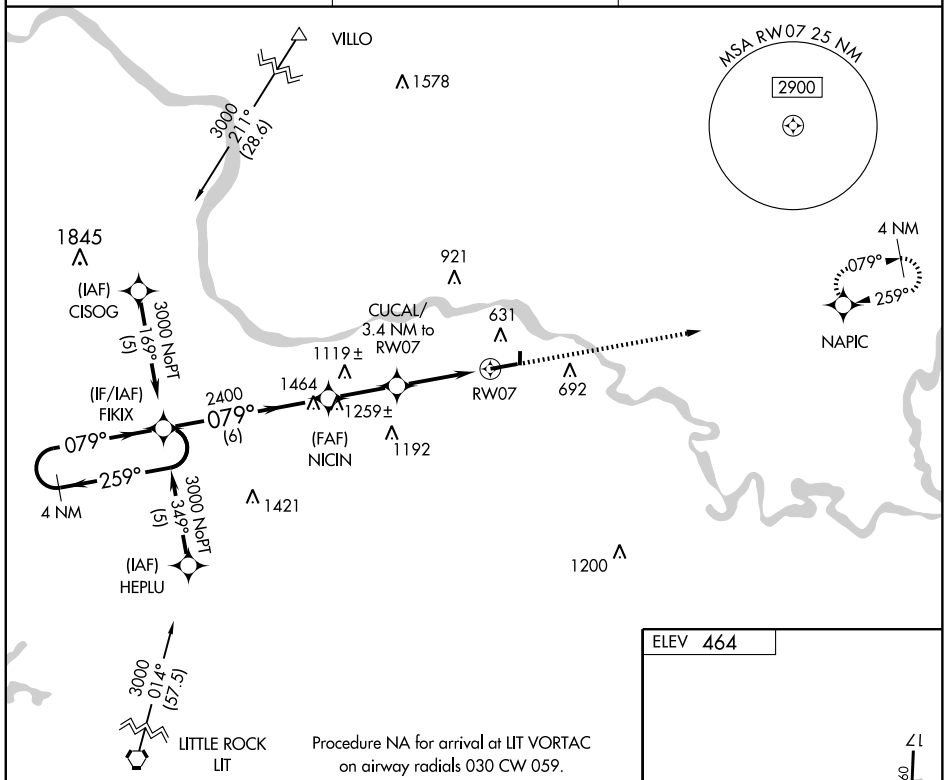
BATESVILLE RGNL (BVX)

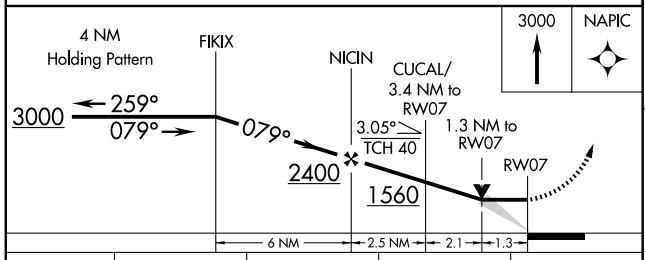
If local altimeter setting not received, use Searcy Muni altimeter setting and increase all MDAs 100 feet. VDP NA when using Searcy Muni altimeter setting. Circling NA northwest of Rwy 7-25. Circling to Rwy 17-35 NA at night. DME/DME RNP-0.3 NA. Inoperative table does not apply to LNAV Cat C.

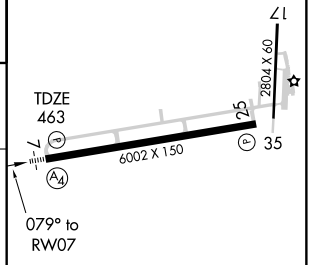
MALS

MISSED APPROACH: Climb to 3000 direct NAPIC and hold

AWOS-3	MEMPHIS CENTER	UNICOM
126.375	126.85 281.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	920-¾ 457 (500-¾)		920-1¼ 457 (500-1¼)	920-1½ 457 (500-1½)
CIRCLING	980-1 516 (600-1)		980-1½ 516 (600-1½)	1040-2 576 (600-2)

MIRL Rwy 7-25 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6002
259°	TDZE	464
	Apt Elev	464

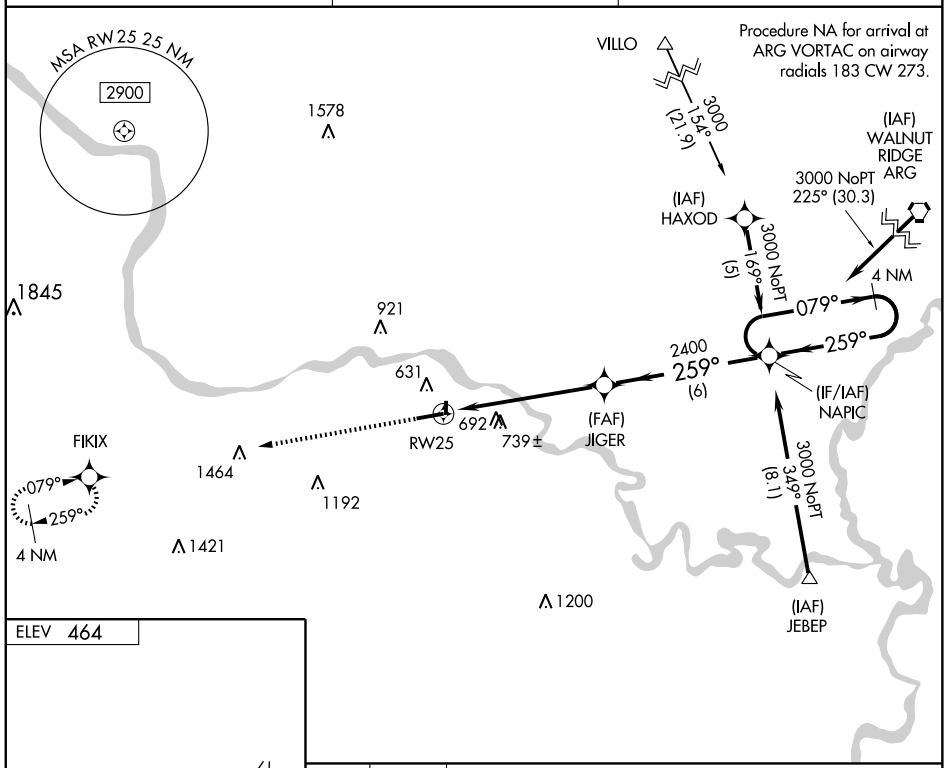
RNAV (GPS) RWY 25

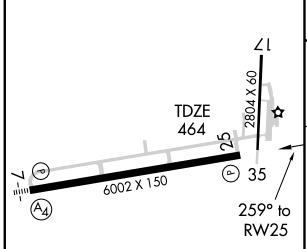
BATESVILLE RGNL (BVX)

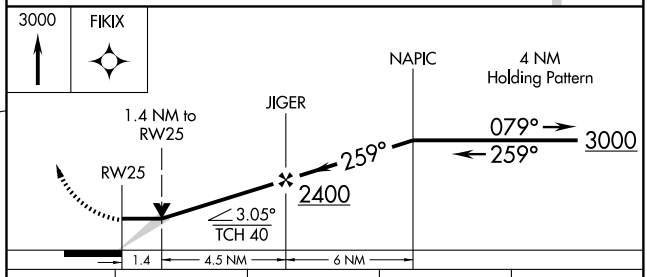
If local altimeter setting not received, use Searcy Muni altimeter setting and increase all MDAs 100 feet. VDP NA with Searcy Muni altimeter setting. Circling NA northwest of Rwy 7-25. Circling to Rwy 17-35 NA at night. Straight-in minimums NA at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct FIKIX and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
126.375	126.85 281.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	940-1 476 (500-1)		940-1¼ 476 (500-1¼)	940-1½ 476 (500-1½)
CIRCLING	980-1 516 (600-1)		980-1½ 516 (600-1½)	1040-2 576 (600-2)

MIRL Rwy 7-25 L

SC-1, 17 DEC 2009 to 14 JAN 2010

BENTON, ARKANSAS

AL-10336 (FAA)

LOC/DME I-SUZ	APP CRS	Rwy Idg	5001
111.95	019°	TDZE	390
Chan 56 (Y)		Apt Elev	390

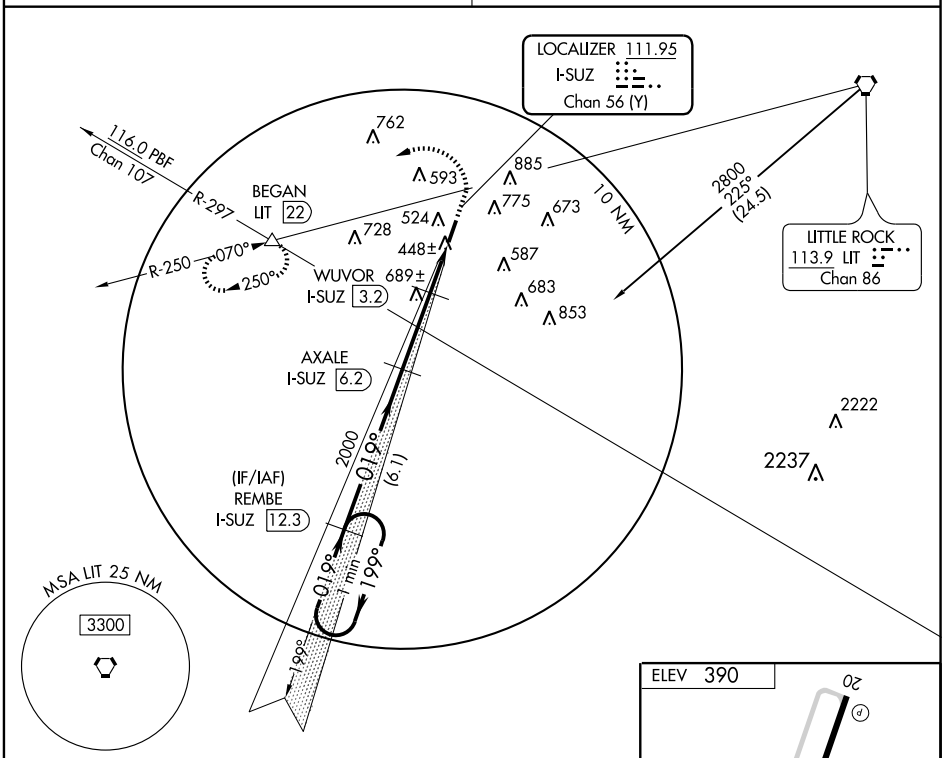
LOC/DME RWY 2

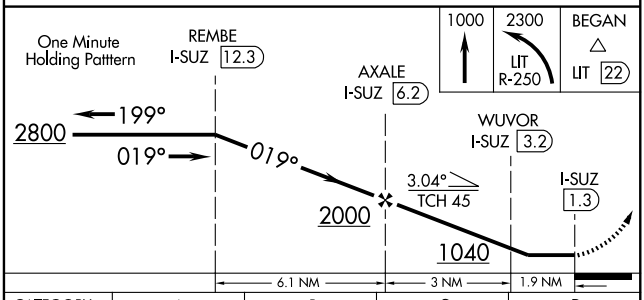
BENTON/ SALINE COUNTY RGNL (SUZ)

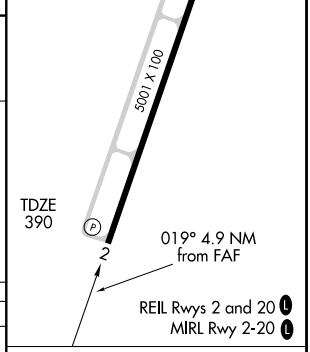
V NA — Visibility reduction by helicopters NA. Use Little Rock/Adams Field altimeter setting.

MISSED APPROACH: Climb to 1000 then climbing left turn to 2300 via LIT VORTAC R-250 to BEGAN INT/LIT 22 DME and hold.

LITTLE ROCK APP CON	UNICOM
119.5 306.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-2	760-1 370 (400-1)			760-1¼ 370 (400-1¼)
CIRCLING	1000-1 610 (700-1)	1140-1¼ 750 (800-1¼)	1140-2¼ 750 (800-2¼)	1140-2½ 750 (800-2½)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 58209 W02A	APP CRS 019°	Rwy Idg 5001 TDZE 390 Apt Elev 390

RNAV (GPS) RWY 2

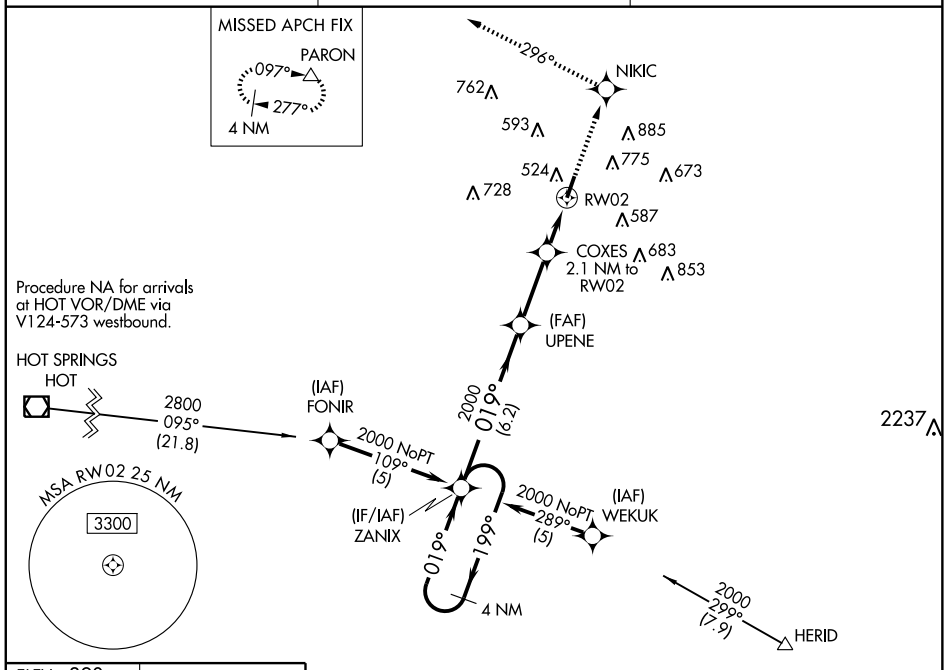
BENTON/ SALINE COUNTY RGNL (SUZ)

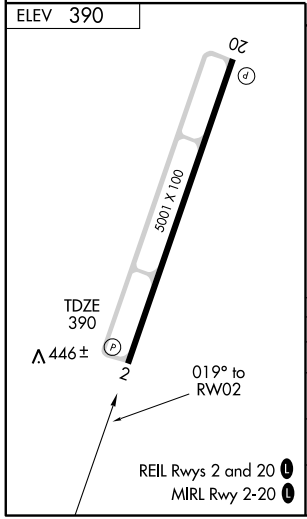
Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Little Rock/Adams Field altimeter setting; when not received, use Hot Springs altimeter setting and increase all DA 41 feet and all MDA 60 feet. Increase LPV and LNAV/VNAV visibility all Cats ¼ mile and LNAV visibility Cat D ¼ mile.

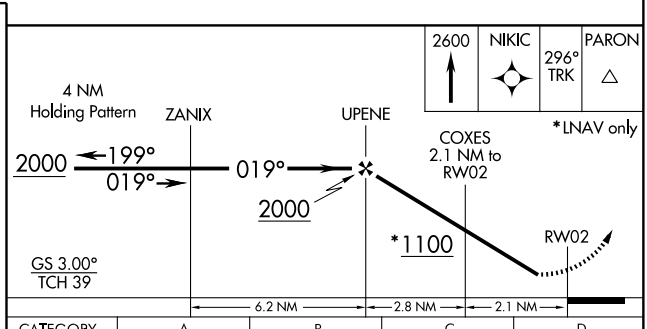
NA

MISSED APPROACH: Climb to 2600 direct NIKIC and via 296° track to PARON and hold.

HOT SPRINGS ASOS	LITTLE ROCK APP CON	UNICOM
119.925	119.5 306.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	735-1¼ 345 (400-1¼)			
LNAV/ VNAV DA	769-1¼ 379 (400-1¼)			
LNAV MDA	900-1 510 (600-1)		900-1½ 510 (600-1½)	
CIRCLING	1000-1 610 (700-1)	1140-1¼ 750 (800-1¼)	1140-2¼ 750 (800-2¼)	1140-2½ 750 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

BENTON, ARKANSAS AL-10336 (FAA)

WAAS	APP CRS	Rwy Idg	5001
CH 40309	199°	TDZE	387
W20A		Apt Elev	390

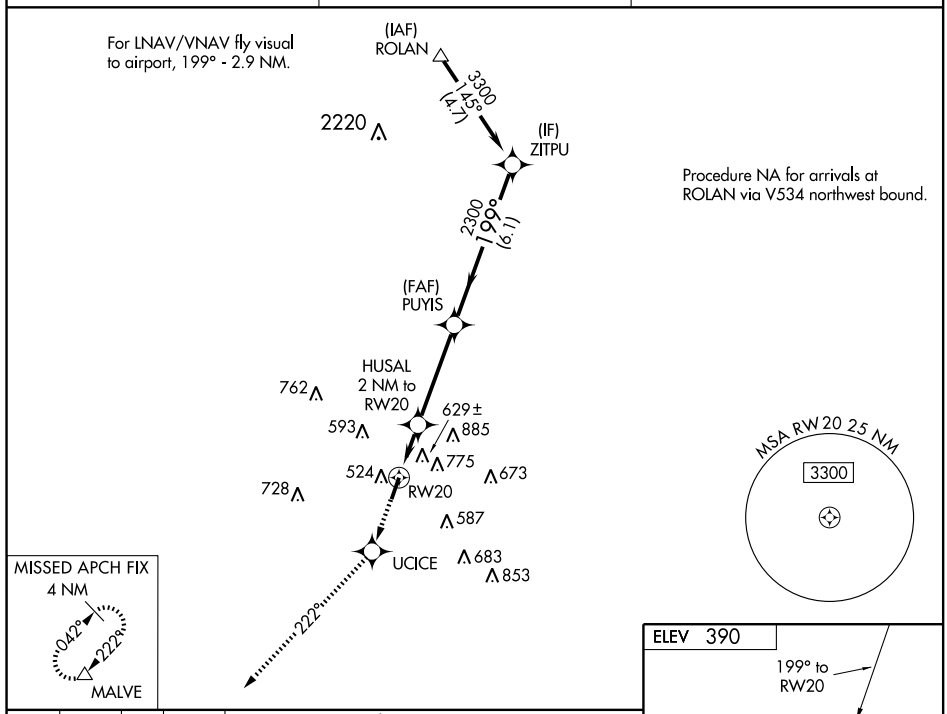
RNAV (GPS) RWY 20

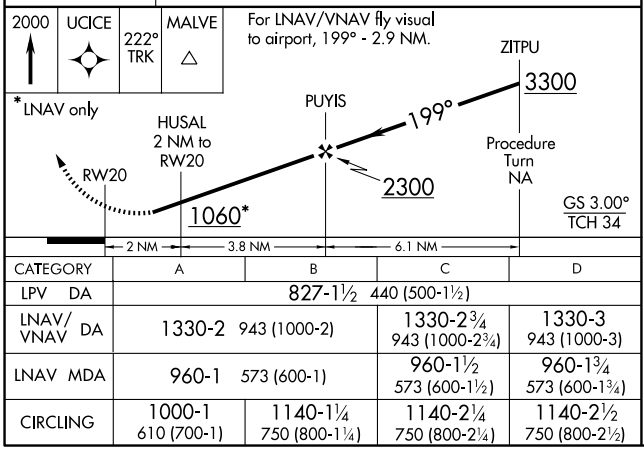
BENTON/ SALINE COUNTY RGNL (SUZ)

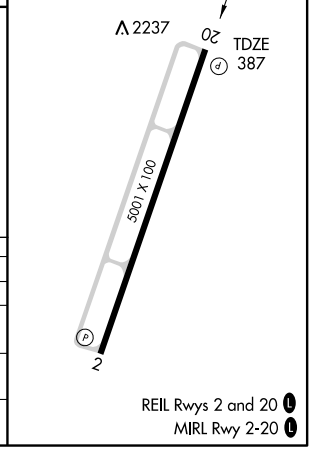
Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Little Rock/Adams Field altimeter setting; when not received, use Hot Springs altimeter setting and increase all DA 41 feet and all MDA 60 feet. Increase LPV visibility all Cats ¼ mile, LNAV/VNAV visibility Cat C ¼ mile and LNAV visibility Cat C, D ¼ mile.

MISSED APPROACH: Climb to 2000 direct UCICE and via 222° track to MALVE and hold.

HOT SPRINGS ASOS	LITTLE ROCK APP CON	UNICOM
119.925	119.5 306.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	827-1½ 440 (500-1½)			
LNAV/ VNAV DA	1330-2 943 (1000-2)		1330-2¾ 943 (1000-2¾)	1330-3 943 (1000-3)
LNAV MDA	960-1 573 (600-1)		960-1½ 573 (600-1½)	960-1¾ 573 (600-1¾)
CIRCLING	1000-1 610 (700-1)	1140-1¼ 750 (800-1¼)	1140-2¼ 750 (800-2¼)	1140-2½ 750 (800-2½)

REIL Rwys 2 and 20 L
MIRL Rwy 2-20 L

SC-1, 17 DEC 2009 to 14 JAN 2010

BENTON TWO DEPARTURE

CLNC DEL 121.05 263.12
UNICOM 122.8 (CTAF)
AWOS-3 134.975
RAZORBACK DEP CON ★
121.0 (WEST) 244.57

TAKE-OFF MINIMUMS:
Rwy 18: standard.
Rwy 36: 300 -2 ¼ or standard with minimum climb at 270 feet per NM to 1700.

SPRINGFIELD
116.9 SGF
Chan 116
N37°21.36′-W93°20.04′
L-16, H-5

DOGWOOD
109.4 DGD
Chan 31
N37°01.41′ -W92°52.62′
L-16

BARTLESVILLE
117.9 BVO
Chan 126
N36°50.06′-W96°01.10′
L-15, H-6

NEOSHO
117.3 EOS
Chan 120
N36°50.55′-W94°26.14′
L-16, H-6

TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6

DEPARTURE OBSTACLES
Rwy 36: 1343′ T-L Tower
1342′ T-L Tower

WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′-W97°36.55′
L-15, H-6

RAZORBACK
116.4 RZC
Chan 111
N36°14.79′-W94°07.28′
L-16, H-6

HARRISON
112.5 HRO
Chan 72
N36°19.10′-W93°12.80′
L-16

OKMULGEE
114.9 OKM
Chan 96
N35°41.59′-W95°51.96′
L-15, H-6

FORT SMITH
110.4 FSM
Chan 41
N35°23.30′-W94°16.29′
L-16, H-6

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

McALESTER
112.0 MLC
Chan 57
N34°50.97′-W95°46.94′
L-17, H-6

HOT SPRINGS
110.0 HOT
Chan 37
N34°28.72′-W93°05.44′
L-17

NOTE: Rwy 36 tower 11,638 feet from departure end of runway 1607 feet left of centerline, 345 feet AGL/1595 feet MSL.
Multiple T-L tower 2048 feet from departure end of runway, 81 feet AGL/1356 feet MSL.

NOTE: Chart not to scale.
NOTE: RADAR required.

DEPARTURE ROUTE DESCRIPTION

All aircraft cleared as filed. Fly runway heading; expect radar vectors to filed/assigned route. Climb and maintain 3000 feet. Expect clearance to filed altitude/flight level ten minutes after departure.

LOST COMMUNICATIONS: If communications are not established within 2 minutes after departure, climb and maintain 5,000 feet and proceed direct RZC VORTAC, then proceed on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
176°	Rwy Idg	3855
	TDZE	1290
	Apt Elev	1296

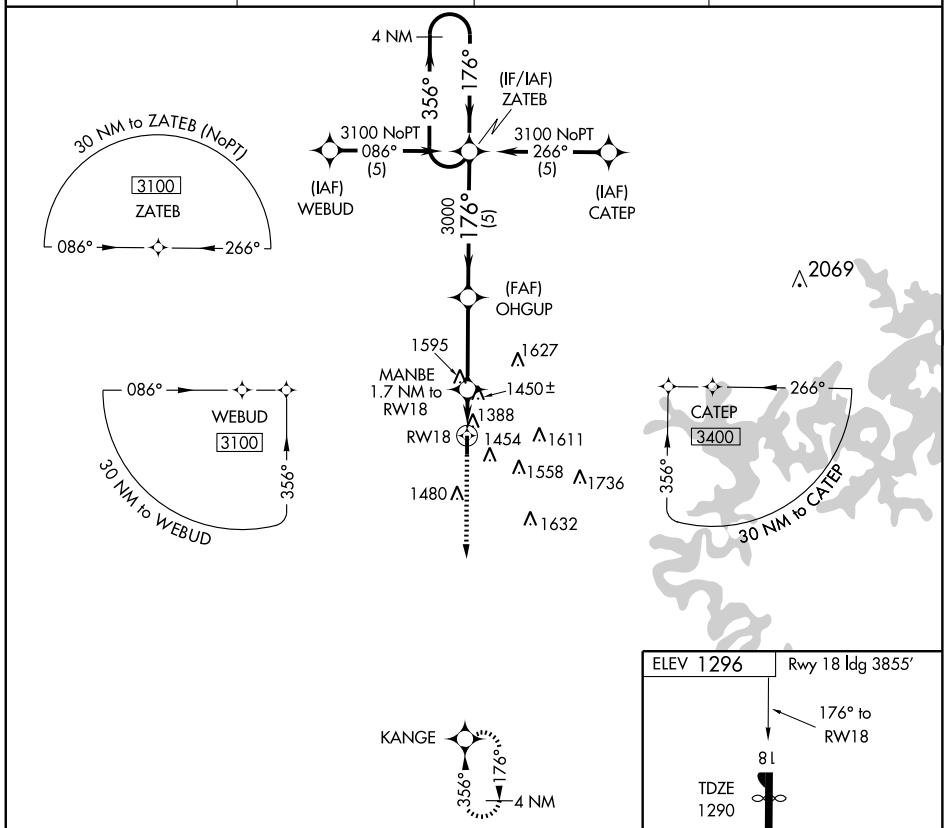
RNAV (GPS) RWY 18

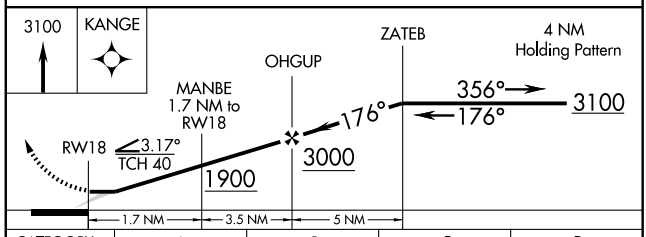
BENTONVILLE MUNI/LOUISE M. THADEN FIELD (VBT)

GPS or RNP-0.3 required.
NA DME/DME RNP-0.3 NA.

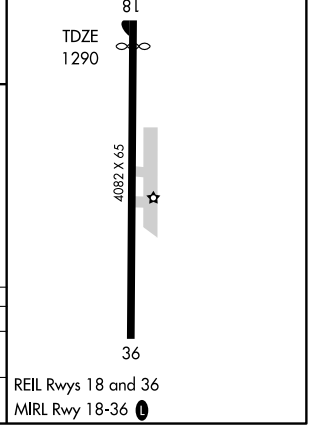
MISSED APPROACH: Climb to 3100 direct KANGE and hold.

AWOS-3	RAZORBACK APP CON ★	CLNC DEL	UNICOM
134.975	121.0 (WEST) 244.57	121.05 263.12	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1760-1 470 (500-1)		1760-1¼ 470 (500-1¼)	1760-1½ 470 (500-1½)
CIRCLING	1820-1 524 (600-1)		1820-1½ 524 (600-1½)	1960-2 664 (700-2)



REIL Rwys 18 and 36
MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4082
356°	TDZE	1290
	Apt Elev	1296

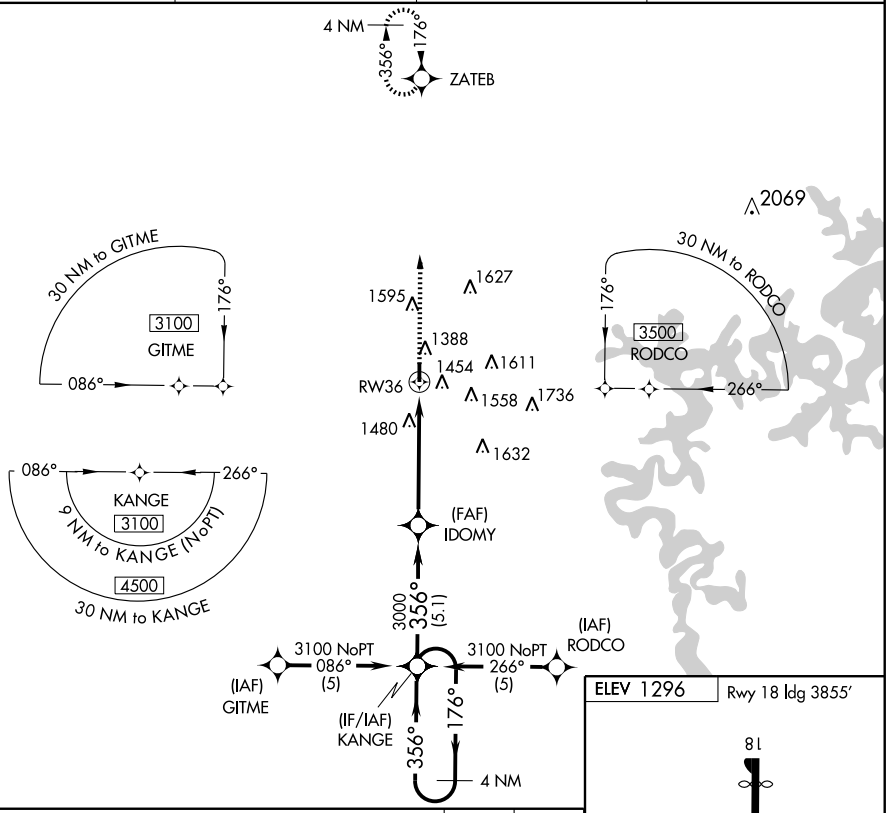
RNAV (GPS) RWY 36

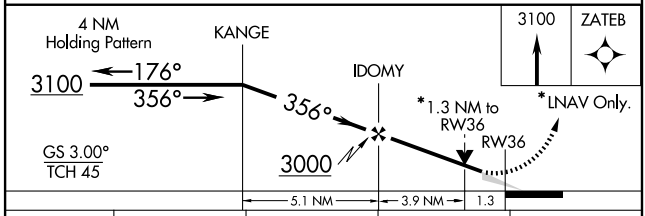
BENTONVILLE MUNI/LOUISE M. THADEN FIELD (VBT)

Baro-VNAV NA below -17°C (-2°F).
NA GPS or RNP-0.3 required. DME/DME RNP -0.3 NA.

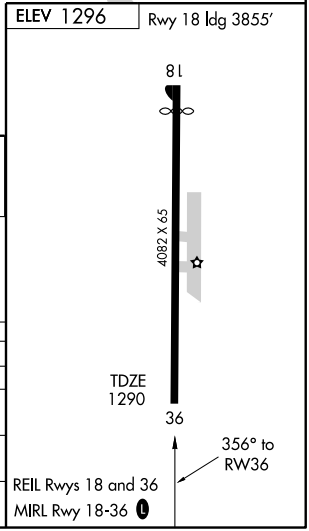
MISSED APPROACH: Climb to 3100 direct ZATEB WP and hold.

AWOS-3	RAZORBACK APP CON ★	CLNC DEL	UNICOM
134.975	121.0 (WEST) 244.57	121.05 263.12	122.8 (CTAF) L





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1700-1½ 410 (500-1½)			
LNAV MDA	1740-1 450 (500-1)		1740-1¼ 450 (500-1¼)	1740-1½ 450 (500-1½)
CIRCLING	1820-1½ 524 (600-1½)			1960-2 664 (700-2)



SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	N/A
116.4	317°	TDZE	N/A
Chan 111		Apt Elev	1296

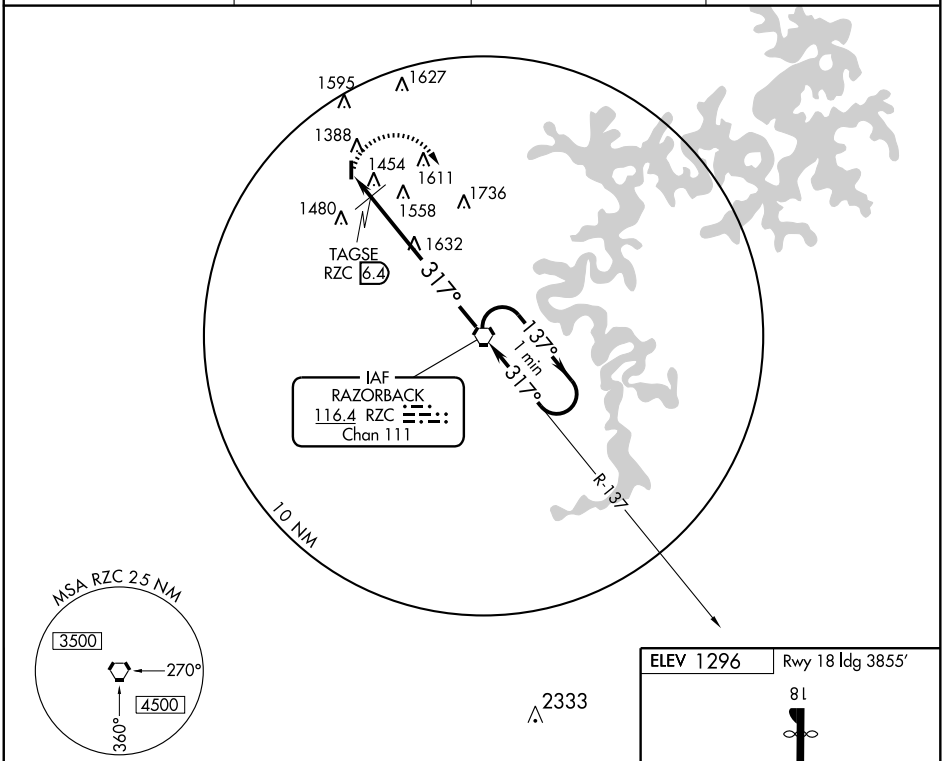
VOR-A

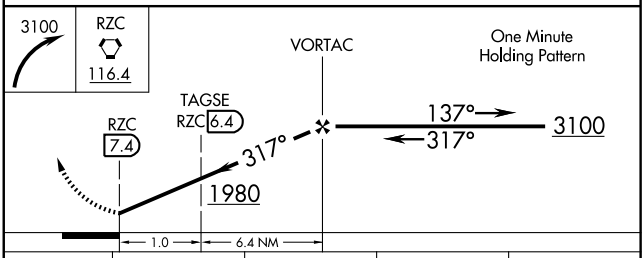
BENTONVILLE MUNI/LOUISE M. THADEN FIELD (VBT)

NA

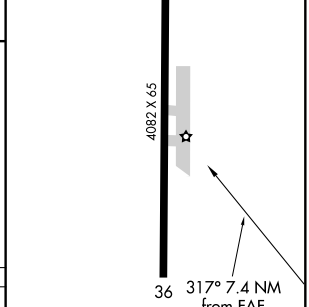
MISSED APPROACH: Climbing right turn to 3100 direct RZC VORTAC and hold.

AWOS-3	RAZORBACK APP CON ★	CLNC DEL	UNICOM
134.975	121.0 (WEST) 244.57	121.05 263.12	122.8 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	1980-1 684 (700-1)		1980-2 684 (700-2)	1980-2¼ 684 (700-2¼)
TAGSE FIX MINIMUMS				
CIRCLING	1820-1 524 (600-1)		1820-1½ 524 (600-1½)	1960-2 664 (700-2)



REIL Rwys 18 and 36
MIRL Rwy 18-36 L

FAF to MAP 7.4 NM

Knots	60	90	120	150	180
Min:Sec	7:24	4:56	3:42	2:58	2:28

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	N/A
116.4	137°	TDZE	N/A
Chan 111		Apt Elev	1296

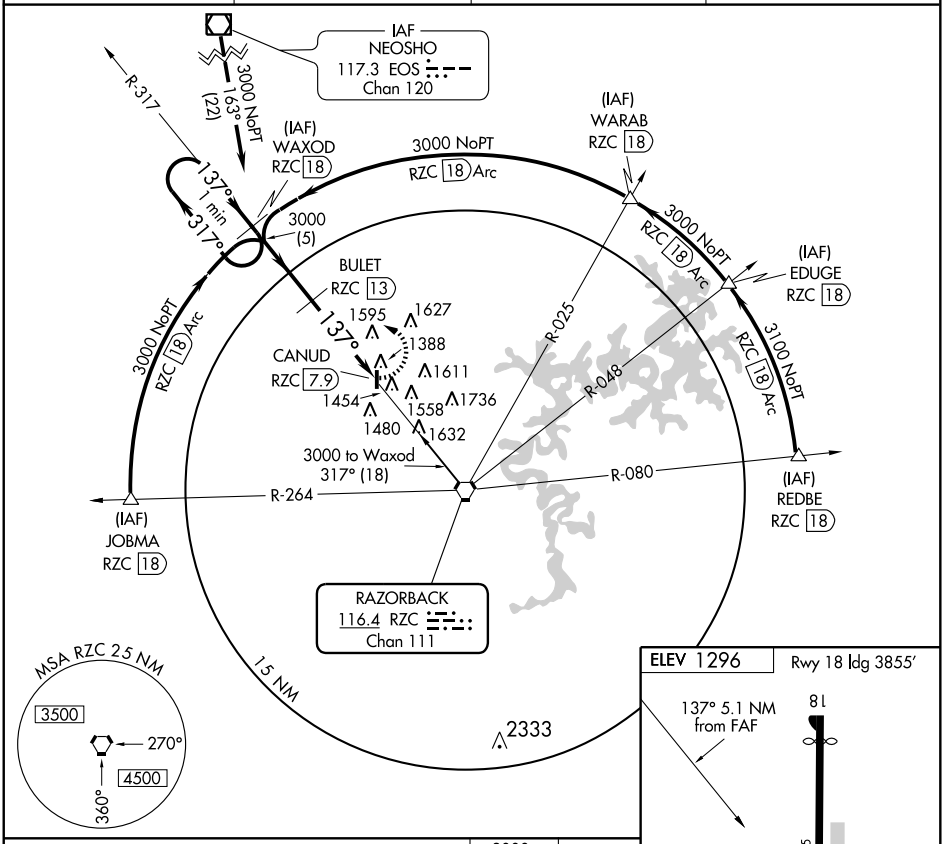
VOR/DME-B

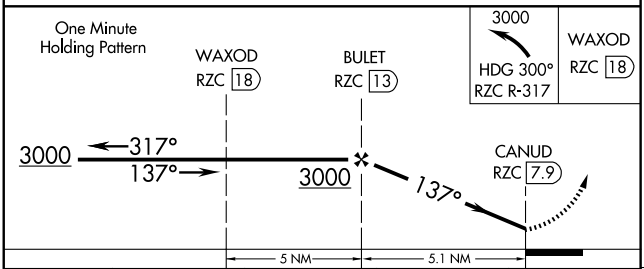
BENTONVILLE MUNI/LOUISE M. THADEN FIELD (VBT)

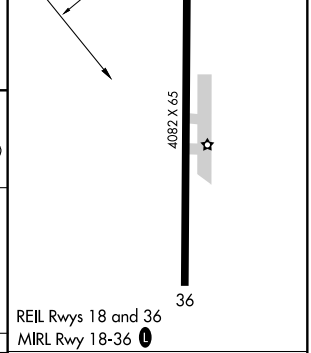
NA

MISSED APPROACH: Climbing left turn to 3000 via heading 300° and RZC R-317 to WAXOD/18.00 DME and hold.

AWOS-3	RAZORBACK APP CON ★	CLNC DEL	UNICOM
134.975	121.0 (WEST) 244.57	121.05 263.12	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1900-1 604 (700-1)		1900-1¾ 604 (700-1¾)	1960-2 664 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BYH	APP CRS	Rwy Idg 11602
110.3	179°	TDZE 250
Chan 40		Apt Elev 254

ILS RWY 18

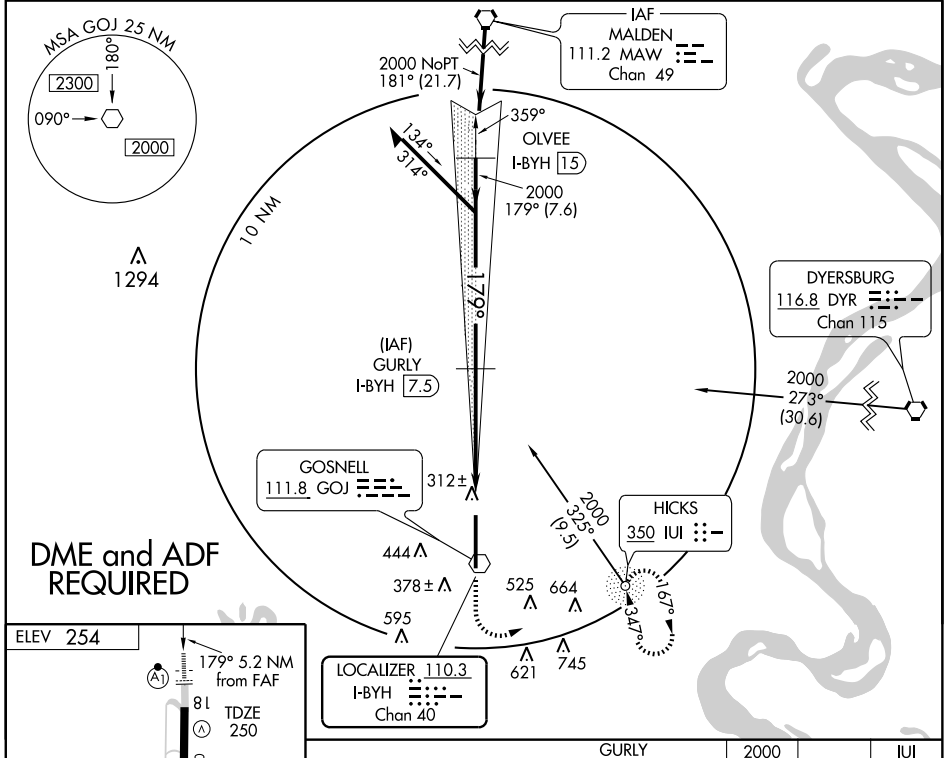
BLYTHEVILLE/ARKANSAS INTL (BYH)

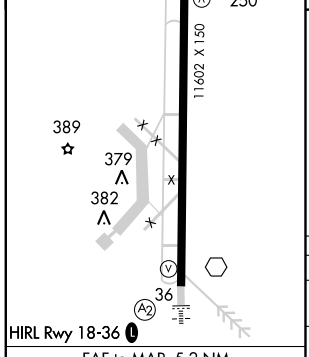
For inoperative ALSF-1, increase S-LOC-18 Cat D visibility to 1 mile. Circling not authorized East of Rwy 18-36. Obtain local altimeter setting on CTAF; when not received, use Blytheville Muni altimeter setting and increase all DA/MDAs 20 feet.

ALSF-1

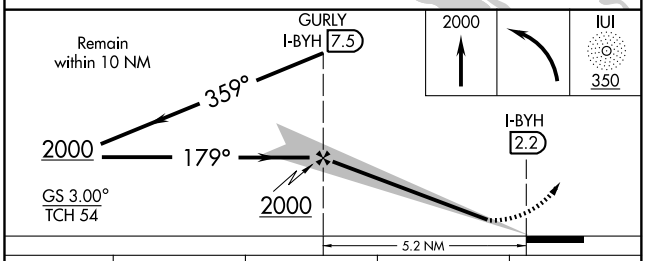
MISSED APPROACH: Climb to 2000 then left turn direct IUI NDB and hold.

MEMPHIS CENTER	UNICOM
134.65 316.15	122.7 (CTAF)





FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-ILS 18	450- ½ 200 (200-½)			
S-LOC 18	580- ½ 330 (400-½)			580- ¾ 330 (400- ¾)
CIRCLING	700-1 446 (500-1)	720-1 466 (500-1)	720-1½ 466 (500-1½)	820-2 566 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 11602
CH 58306	179°	TDZE 250
W18A		Apt Elev 254

RNAV (GPS) RWY 18

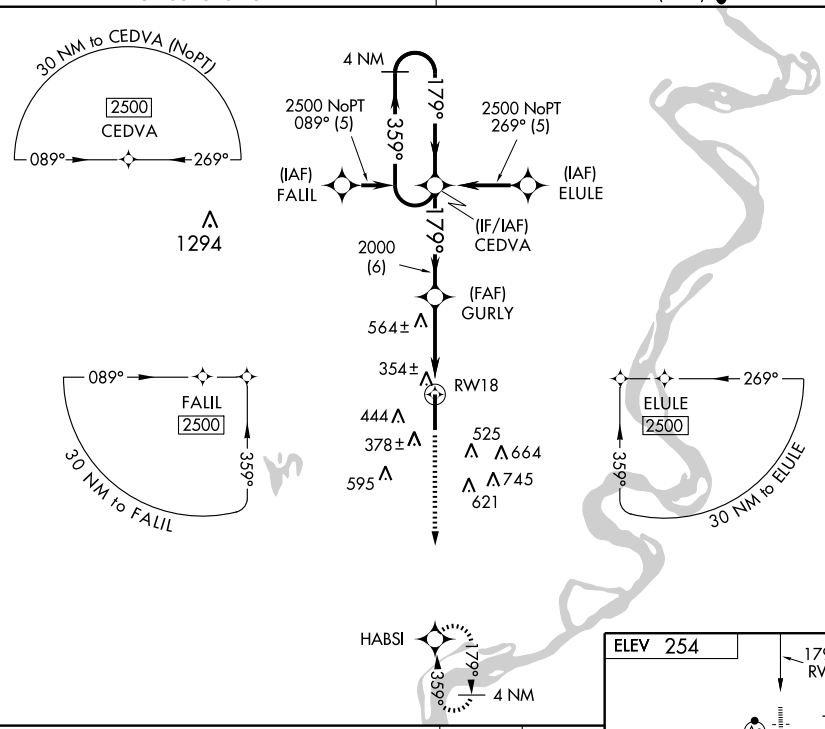
BLYTHEVILLE /ARKANSAS INTL (BYH)

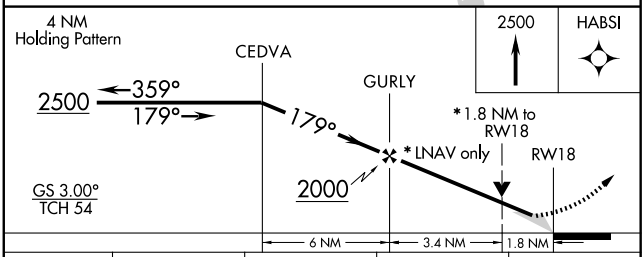
Circling NA East of Rwy 18-36. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Obtain local altimeter setting on CTAF; when not received, use Blytheville Muni altimeter setting and increase all DAs 14 feet, all MDAs 20 feet. Baro-VNAV and VDP NA when using Blytheville Muni altimeter setting. For inoperative ALSF, when using Blytheville Muni altimeter setting, increase LPV visibility to 1 mile all Cats.

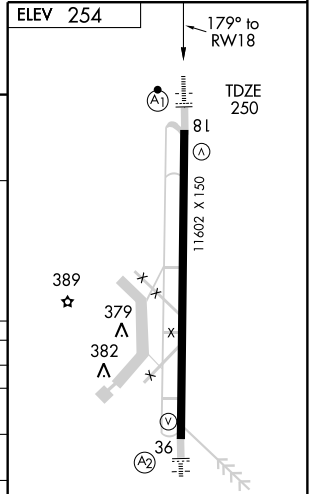
ALSF-1

MISSED APPROACH: Climb to 2500 direct HABSI and hold.

MEMPHIS CENTER	UNICOM
134.65 316.15	122.7 (CTAF)







CATEGORY	A	B	C	D
LPV DA	510-½ 260 (300-½)			
LNAV/VNAV DA	624-¾ 374 (400-¾)			
LNAV MDA	880-½ 630 (700-½)		880-1¼ 630 (700-1¼)	880-1½ 630 (700-1½)
CIRCLING	880-1 626 (700-1)		880-1¾ 626 (700-1¾)	880-2 626 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	11602
359°	TDZE	254
	Apt Elev	254

RNAV (GPS) RWY 36

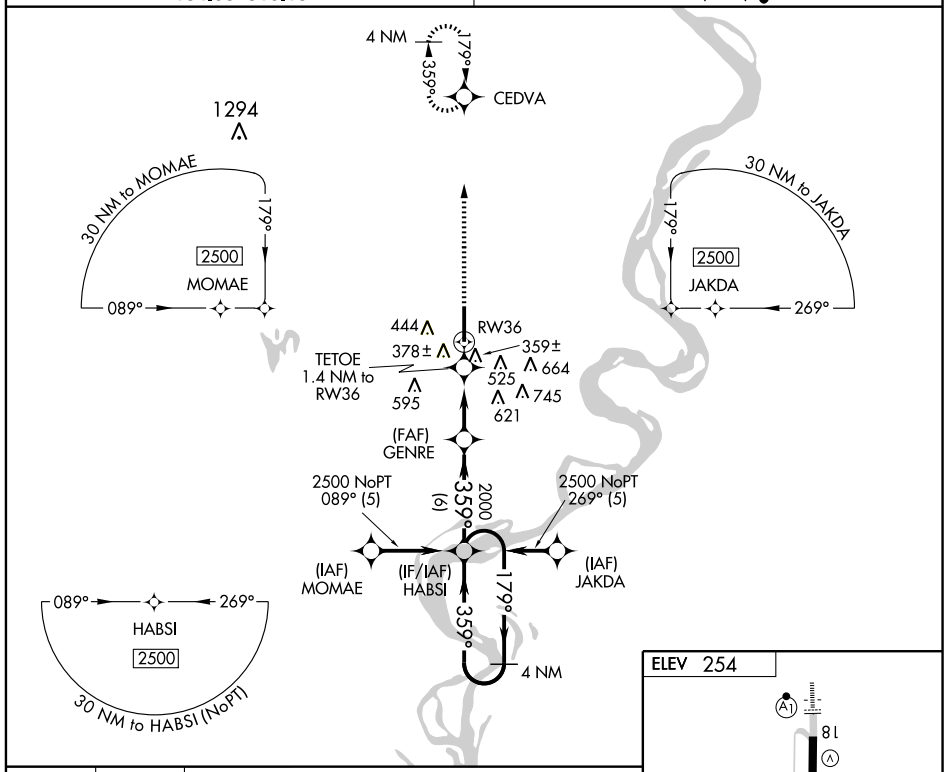
BLYTHEVILLE/ARKANSAS INTL (BYH)

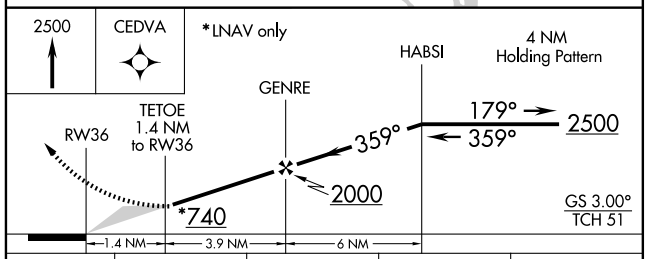
Circling NA east of Rwy 18-36. Baro-VNAV NA when using Blytheville Muni altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Obtain local altimeter setting on CTAF; when not received, use Blytheville Muni altimeter setting and increase all DAs/MDAs 20 feet. Baro-VNAV NA when using Blytheville Muni altimeter setting. Inoperative table does not apply to LNAV/VNAV.

SALS (A2)

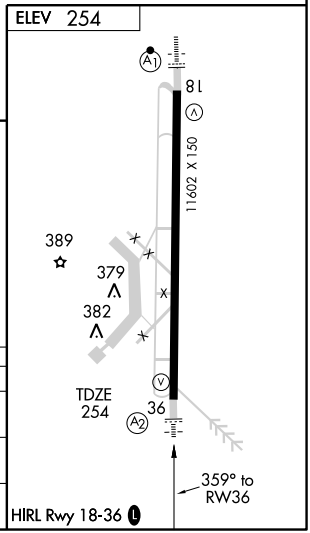
MISSED APPROACH: Climb to 2500 direct CEDVA and hold.

MEMPHIS CENTER	UNICOM
134.65 316.15	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV/VNAV DA	821-2 567 (600-2)			
LNAV MDA	620-¾ 366 (400-¾)			620-1¼ 366 (400-1¼)
CIRCLING	700-1 446 (500-1)	720-1 466 (500-1)	720-1½ 466 (500-1½)	820-2 566 (600-2)



VOR GOJ	APP CRS	Rwy Idg	11602
111.8	174°	TDZE	250
		Apt Elev	254

VOR RWY 18

BLYTHEVILLE/ARKANSAS INTL (BYH)

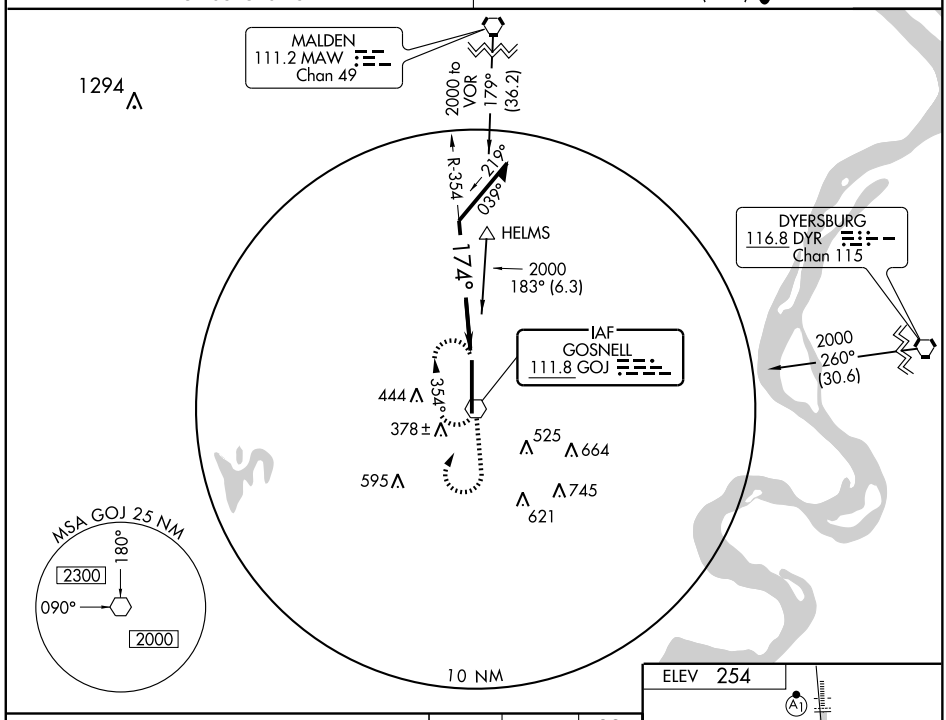
Circling NA East of Rwy 18-36. Obtain local altimeter setting on CTAF; when not received, use Blytheville Muni altimeter setting.

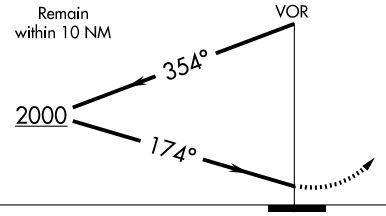
ALSF-1

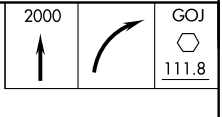
MISSED APPROACH: Climb to 2000 then right turn direct GOJ VOR and hold.

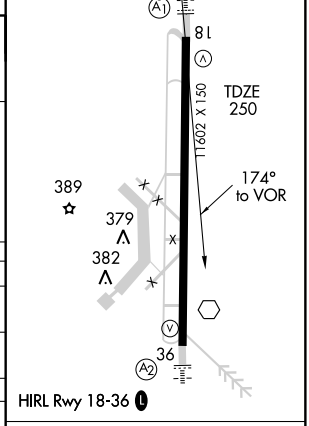
MEMPHIS CENTER
134.65 316.15

UNICOM
122.7 (CTAF) L









CATEGORY	A	B	C	D
S-18	920-½	670 (700-½)	920-1¼ 670 (700-1¼)	920-1½ 670 (700-1½)
CIRCLING	920-1	666 (700-1)	920-1¾ 666 (700-1¾)	920-2 666 (700-2)
BLYTHEVILLE MUNI ALTIMETER SETTING MINIMUMS				
S-18	940-½	690 (700-½)	940-1½ 690 (700-1½)	940-1¾ 690 (700-1¾)
CIRCLING	940-1	686 (700-1)	940-2 686 (700-2)	940-2¼ 686 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR GOJ	APP CRS	Rwy Idg	11602
111.8	004°	TDZE	254
		Apt Elev	254

VOR RWY 36

BLYTHEVILLE/ARKANSAS INTL (BYH)

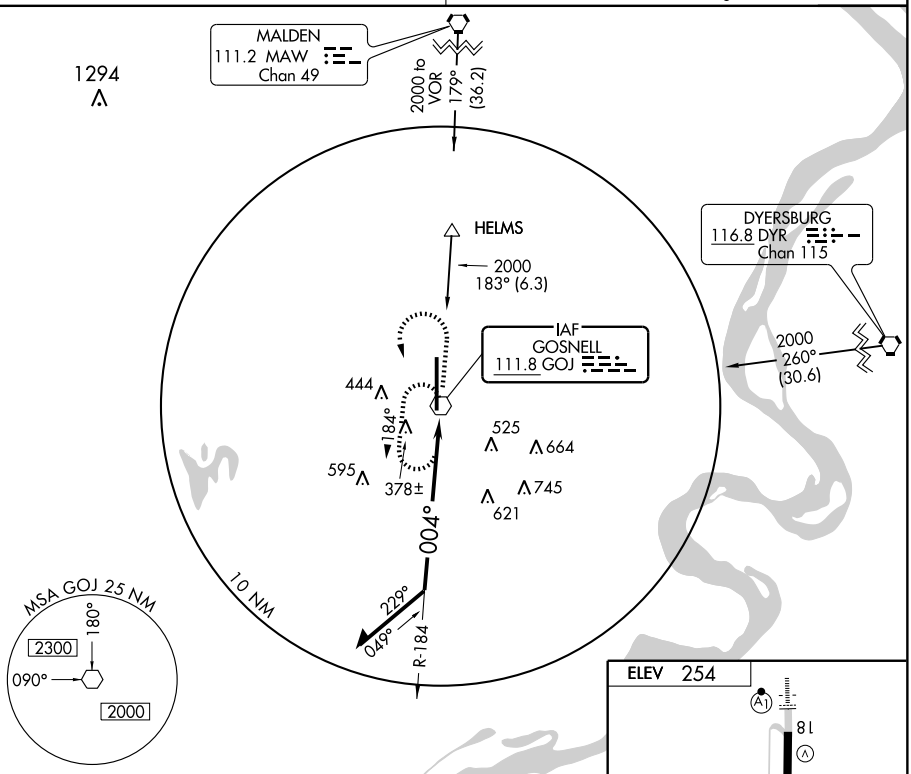
Circling NA East of Rwy 18-36. Obtain local altimeter on CTAF; when not received, use Blytheville Muni altimeter setting. Inoperative table does not apply to Cat C.

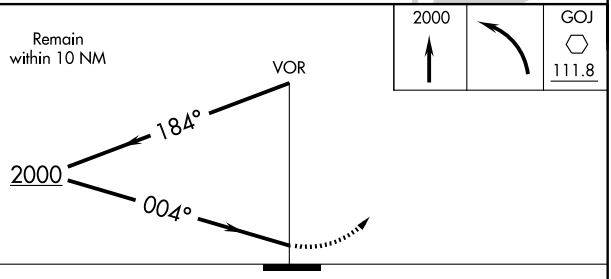
SALS A2

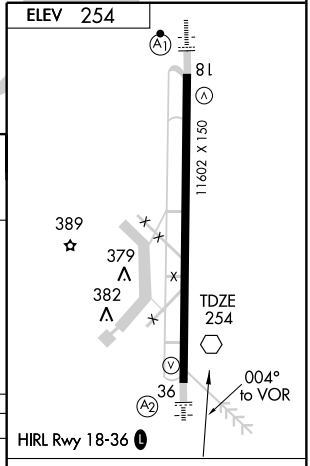
MISSED APPROACH: Climb to 2000 then left turn direct GOJ VOR and hold.

MEMPHIS CENTER 134.65 316.15

UNICOM 122.7 (CTAF) L







CATEGORY	A	B	C	D
S-36	900-¾ 646 (700-¾)		900-1¾ 646 (700-1¾)	900-2 646 (700-2)
CIRCLING	900-1 646 (700-1)		900-1¾ 646 (700-1¾)	900-2 646 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB IUI 350	APP CRS 186°	Rwy Idg 5001 TDZE 255 Apt Elev 255

NDB RWY 18

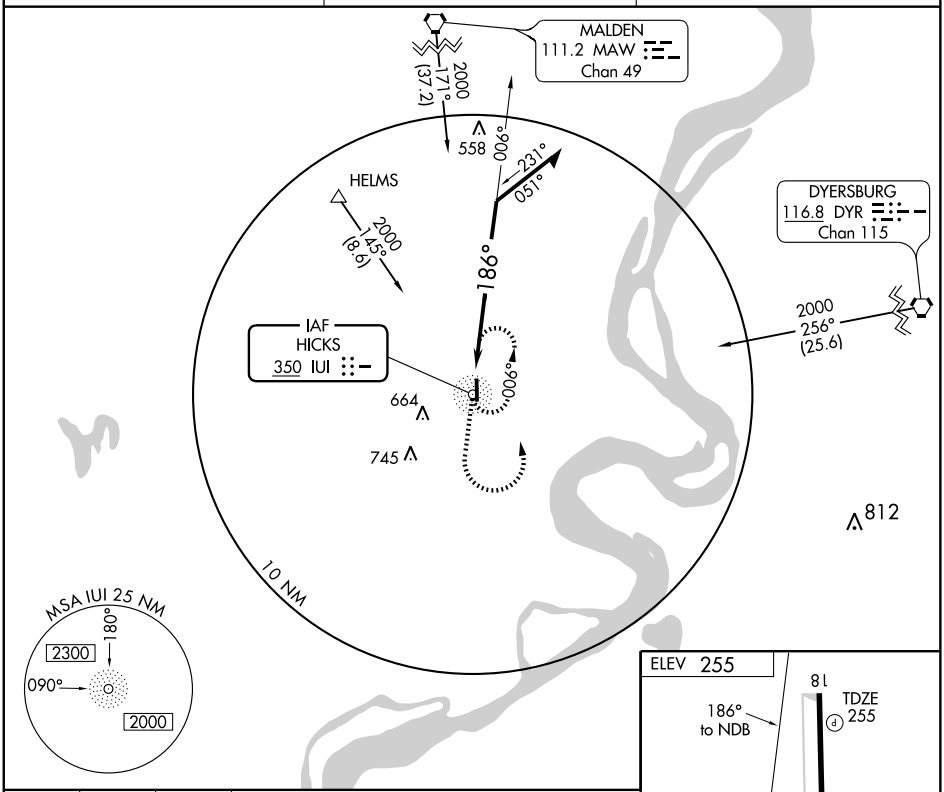
BLYTHEVILLE MUNI (HKA)

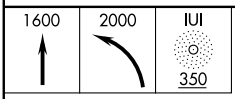
When local altimeter setting not received, use Dyersburg altimeter setting and increase all MDAs 60 feet and Cat B visibility ¼ mile.

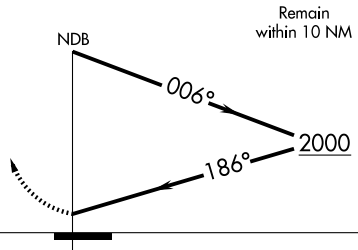
NA

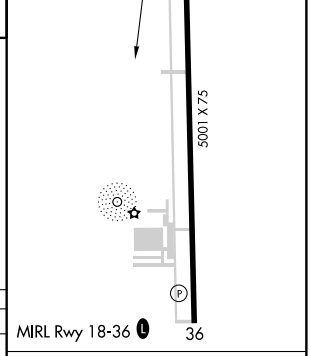
MISSED APPROACH: Climb to 1600 then climbing left turn to 2000 direct IUI NDB and hold.

ASOS	MEMPHIS CENTER	UNICOM
135.025	134.65 316.15	123.05 (CTAF) L









CATEGORY	A	B	C	D
S-18	960-1	705 (800-1)	NA	
CIRCLING	960-1	705 (800-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB IUI 350	APP CRS 347°	Rwy Idg 5001 TDZE 255 Apt Elev 255

NDB RWY 36

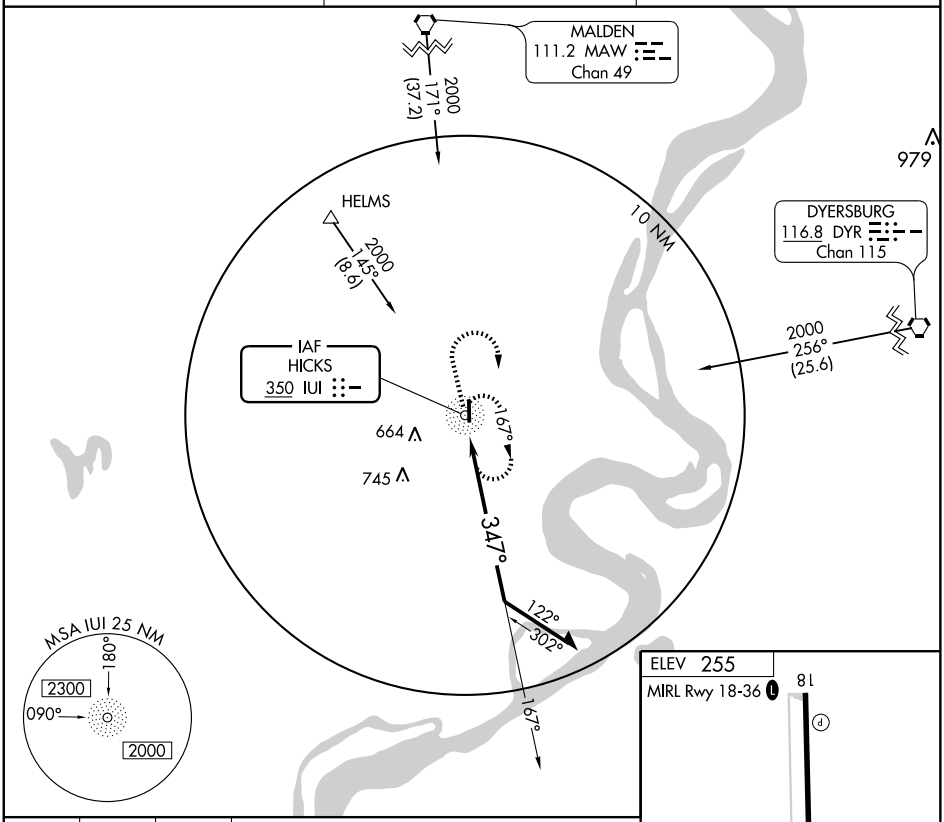
BLYTHEVILLE MUNI (HKA)

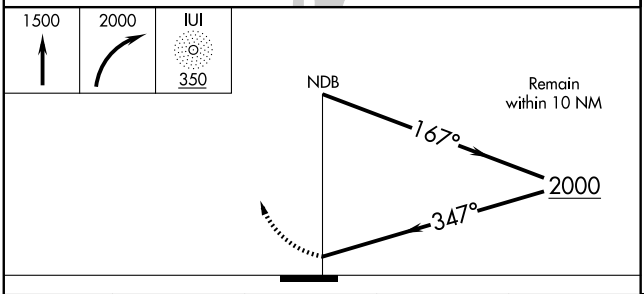
If local altimeter not received, use Dyersburg altimeter setting and increase all MDAs 60 feet.

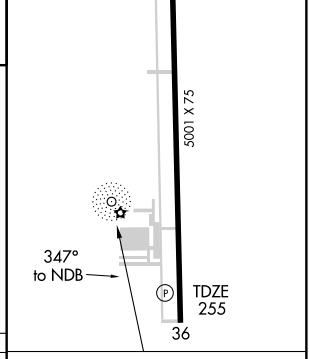
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct IUI NDB and hold.

ASOS	MEMPHIS CENTER	UNICOM
135.025	134.65 316.15	123.05 (CTAF) L







CATEGORY	A	B	C	D
S-36	820-1	565 (600-1)	NA	
CIRCLING	820-1	565 (600-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

BLYTHEVILLE, ARKANSAS AL-5732 (FAA)

RNAV (GPS) RWY 18

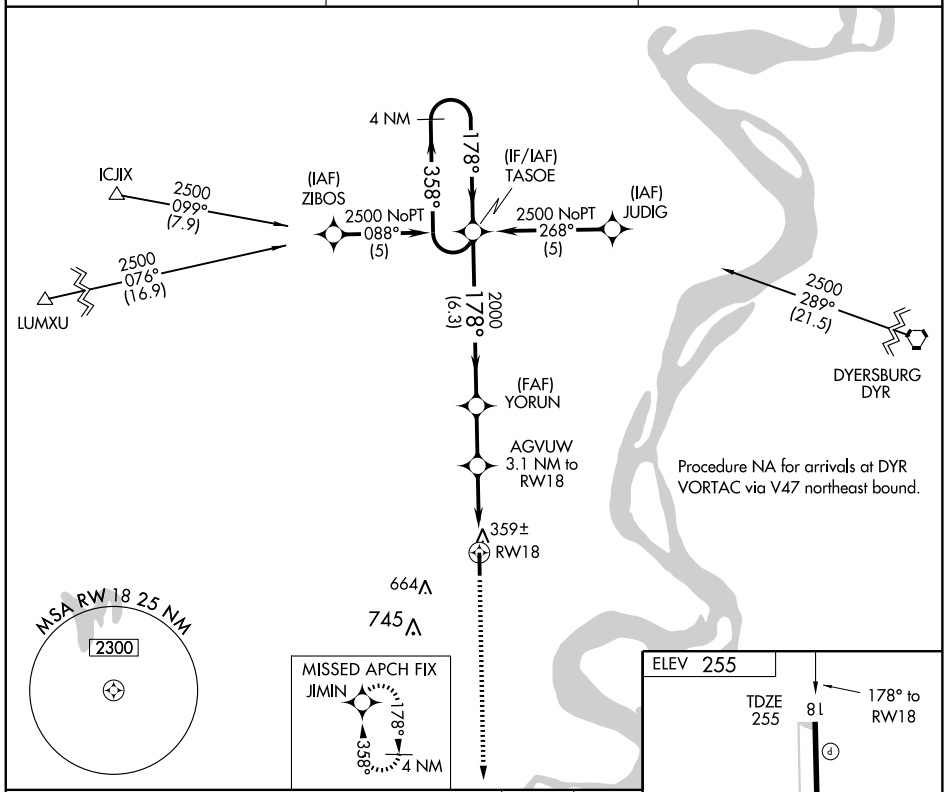
BLYTHEVILLE MUNI (HKA)

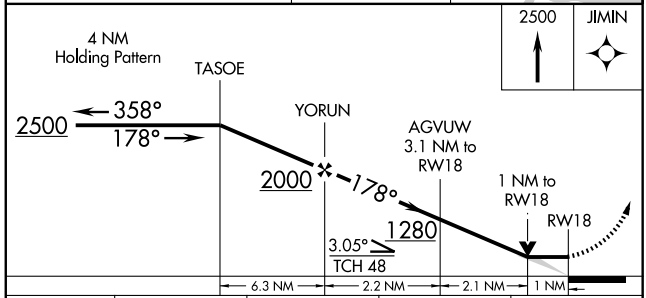
APP CRS	Rwy Idg	5001
178°	TDZE	255
	Apt Elev	255

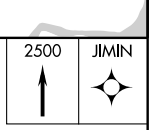
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dyersburg altimeter setting and increase all MDAs 60 feet. VDP NA when using Dyersburg altimeter setting.

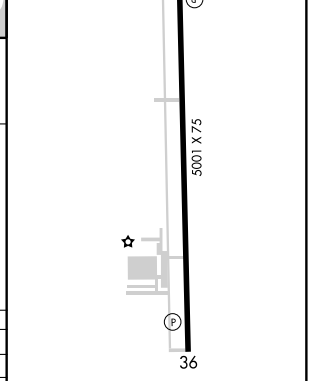
MISSED APPROACH: Climb to 2500 direct JIMIN and hold.

ASOS	MEMPHIS CENTER	UNICOM
135.025	134.65 316.15	123.05 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	620-1	365 (400-1)	NA	
CIRCLING	760-1 505 (600-1)	780-1 525 (600-1)	NA	

MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

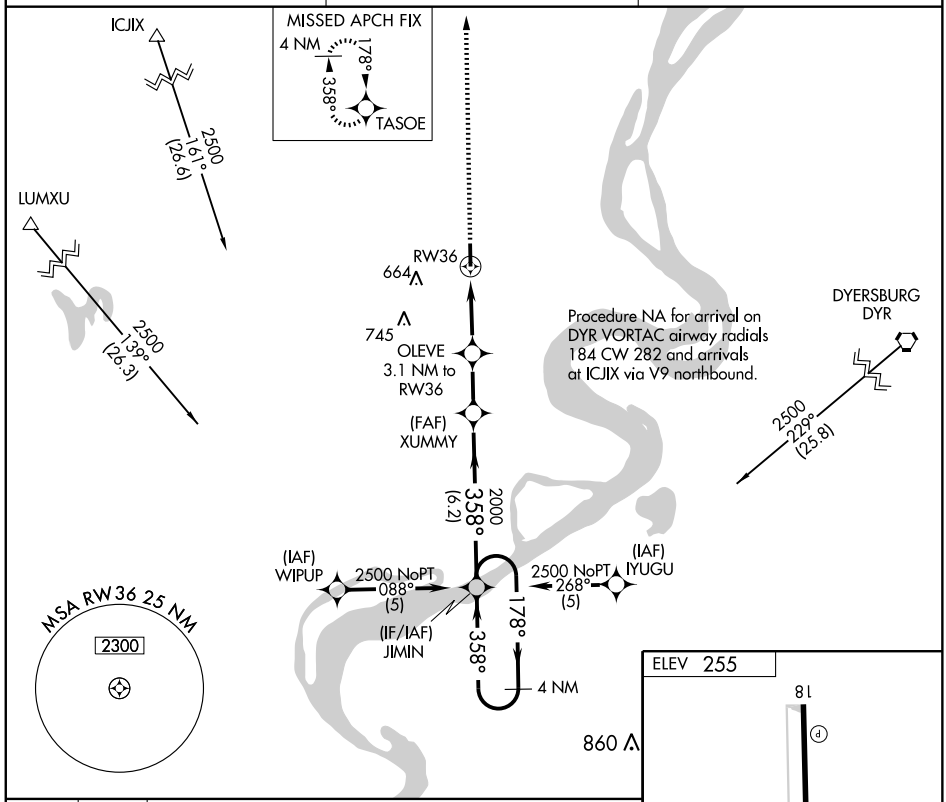
APP CRS	Rwy Idg	5001
358°	TDZE	255
	Apt Elev	255

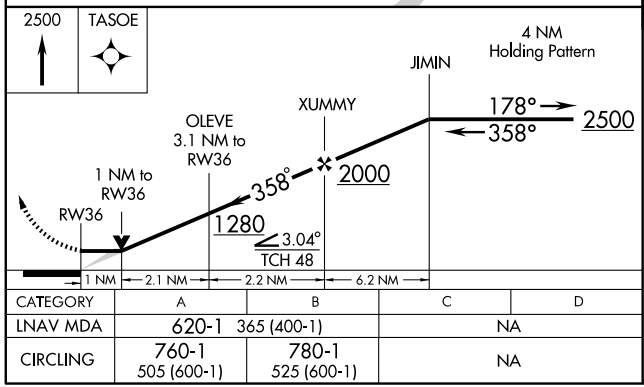
RNAV (GPS) RWY 36
BLYTHEVILLE MUNI (HKA)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dyersburg altimeter setting and increase all MDAs 60 feet. VDP NA when using Dyersburg altimeter setting.

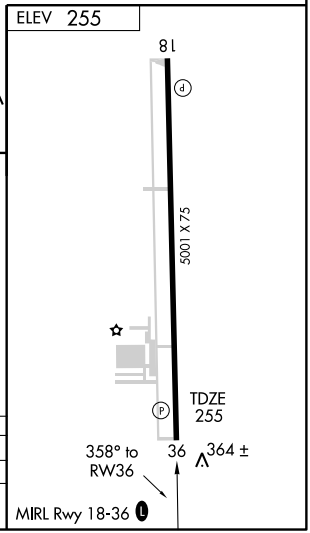
MISSED APPROACH: Climb to 2500 direct TASOE and hold.

ASOS	MEMPHIS CENTER	UNICOM
135.025	134.65 316.15	123.05 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	620-1	365 (400-1)	NA	
CIRCLING	760-1 505 (600-1)	780-1 525 (600-1)	NA	



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3855
204°	TDZE	194
	Apt Elev	194

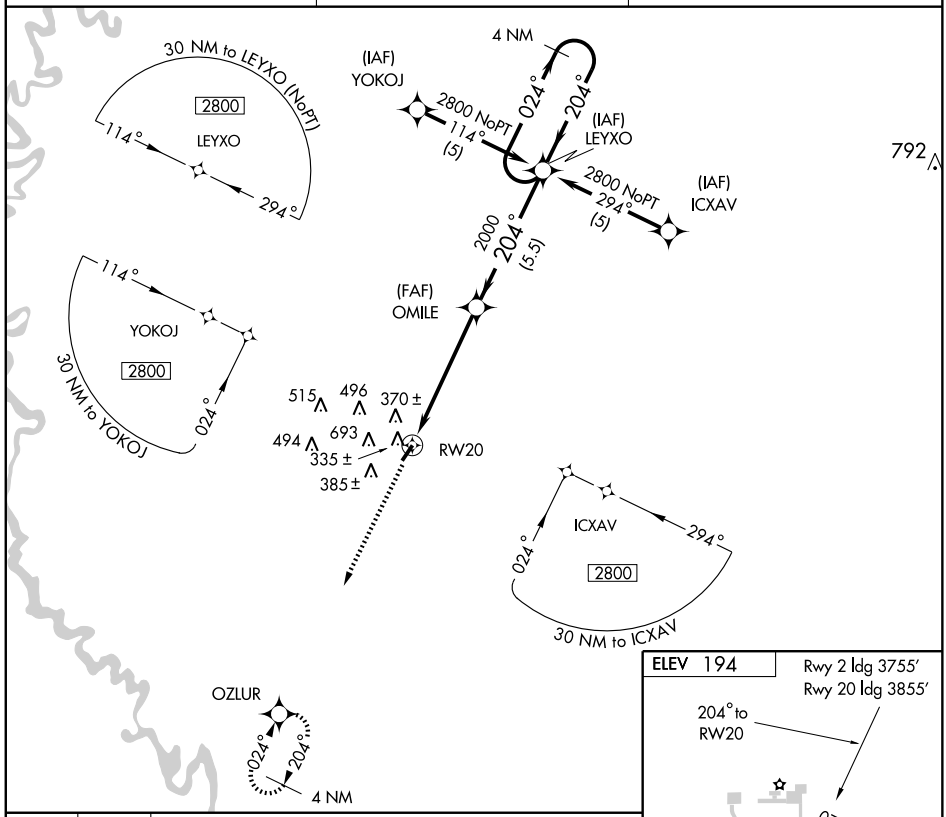
RNAV (GPS) RWY 20

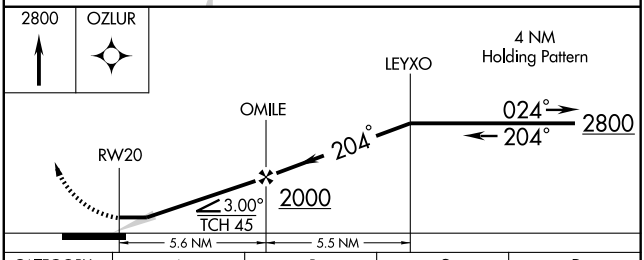
BRINKLEY/ FRANK FEDERER MEMORIAL (M36)

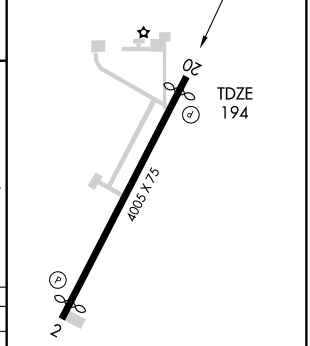
NA Use Stuttgart Muni altimeter setting.
DME/DME RNP 0.3 NA.

MISSED APPROACH: Climb to 2800 direct OZLUR and hold.

STUTTGART AWOS-3	MEMPHIS CENTER	UNICOM
119.025	135.3 335.8	122.8 L (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1020-1 826 (900-1)	1020-1¼ 826 (900-1¼)	1020-2½ 826 (900-2½)	NA
CIRCLING	1120-1¼ 926 (1000-1¼)		1120-2¾ 926 (1000-2¾)	NA

MIRL Rwy 2-20 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6502
186°	TDZE	130
	Apt Elev	130

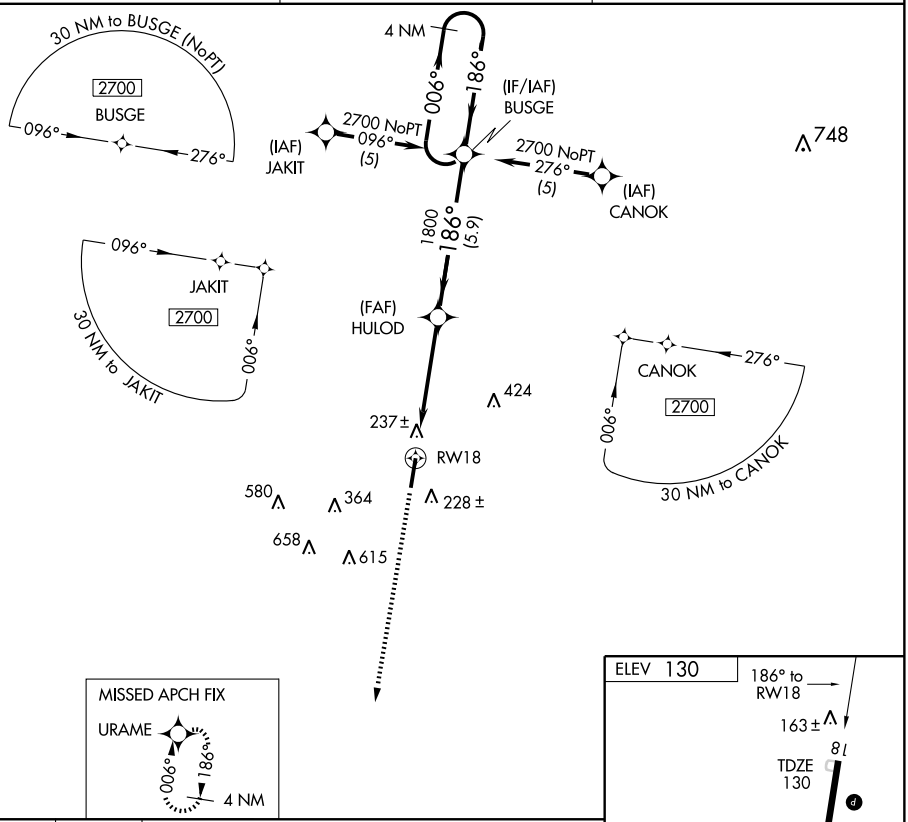
RNAV (GPS) RWY 18

CAMDEN/HARRELL FIELD (CDH)

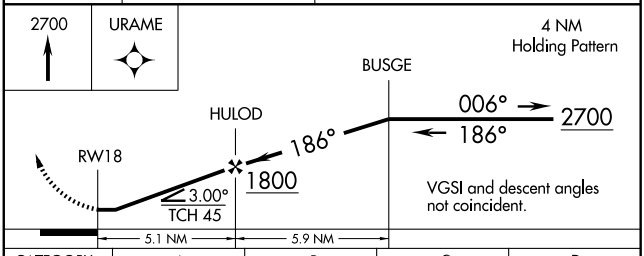
⚠ NA Use El Dorado altimeter setting.
Inoperative table doesn't apply to Cat C.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

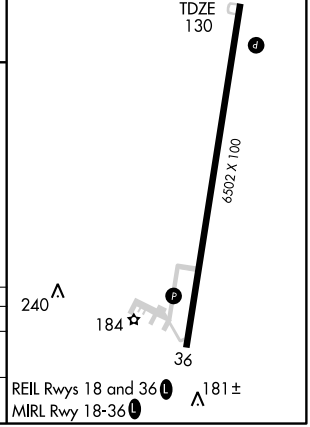
MISSED APPROACH: Climb to 2700 direct URAME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
125.2	128.2 269.1	122.7 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	580-¾	450 (500-¾)	580-1¼ 450 (500-1¼)	580-1½ 450 (500-1½)
CIRCLING	620-1	490 (500-1)	620-1½ 490 (500-1½)	680-2 550 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6502
006°	TDZE	124
	Apt Elev	130

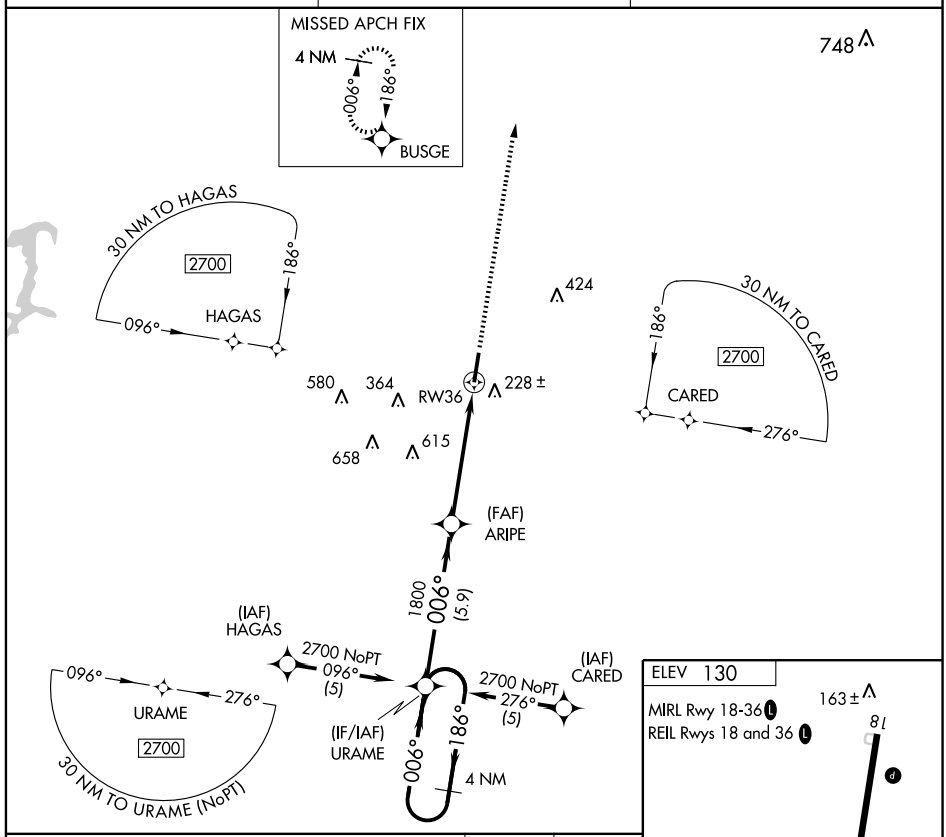
RNAV (GPS) RWY 36

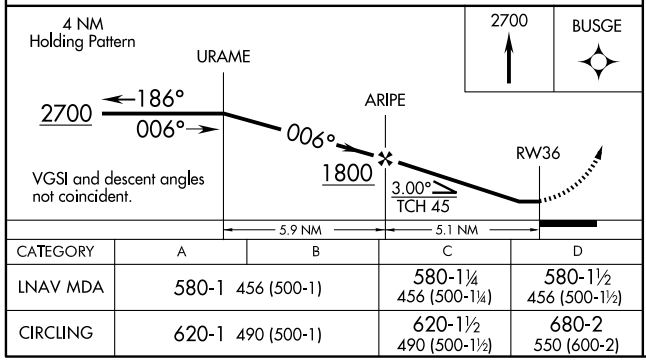
CAMDEN/HARRELL FIELD (CDH)

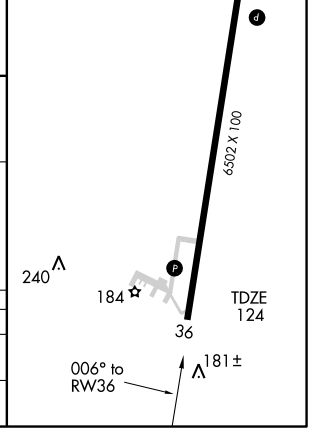
NA Use El Dorado altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2700 direct BUSGE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
125.2	128.2 269.1	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	580-1 456 (500-1)		580-1¼ 456 (500-1¼)	580-1½ 456 (500-1½)
CIRCLING	620-1 490 (500-1)		620-1½ 490 (500-1½)	680-2 550 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC ELD 115.5 Chan 102	APP CRS 350°	Rwy Idg 6502 TDZE 124 Apt Elev 130

VOR/DME RWY 36

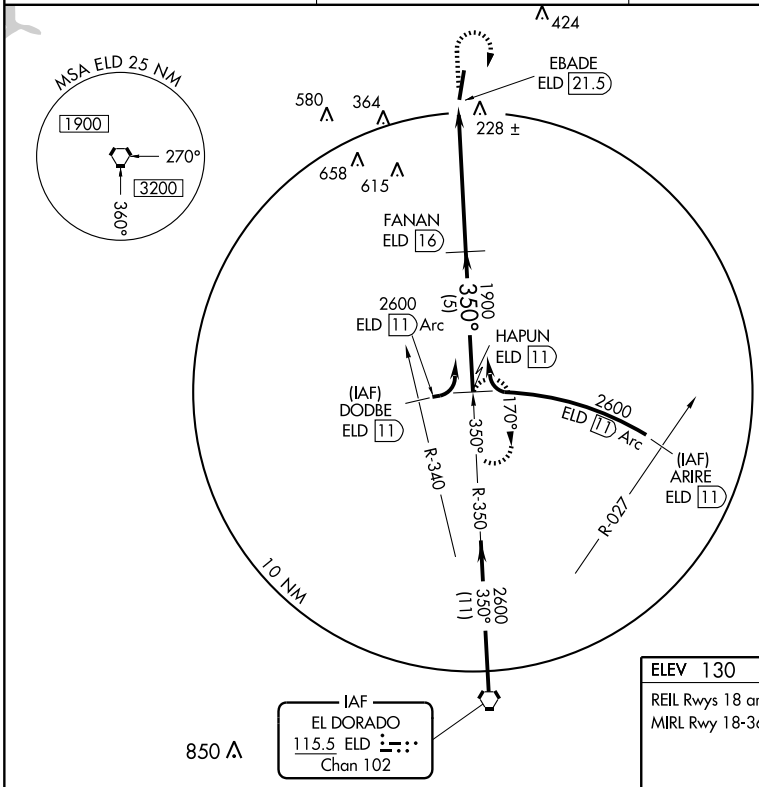
CAMDEN/ HARRELL FIELD (CDH)

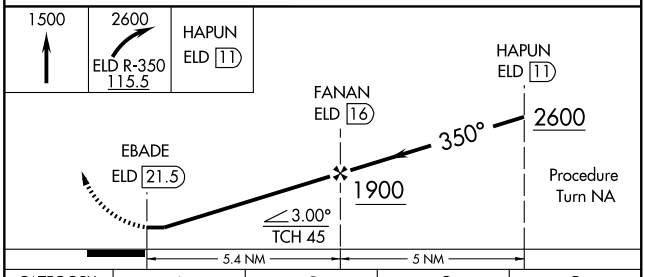
Use El Dorado altimeter setting.

NA

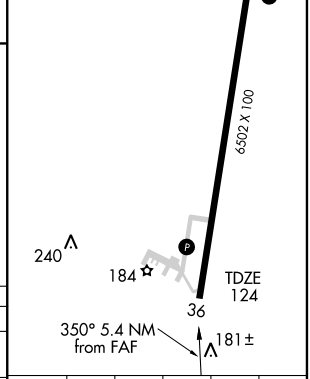
MISSED APPROACH: Climb to 1500, then climbing right turn to 2600 via ELD R-350 to HAPUN 11 DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
125.2	128.2 269.1	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-36	880-1 756 (800-1)	880-1¼ 756 (800-1¼)	880-2¼ 756 (800-2¼)	880-2½ 756 (800-2½)
CIRCLING	880-1 750 (800-1)	880-1¼ 750 (800-1¼)	880-2¼ 750 (800-2¼)	880-2½ 750 (800-2½)



Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4501
088°	TDZE	240
	Apt Elev	240

RNAV (GPS) RWY 9

CARLISLE MUNI (4M3)

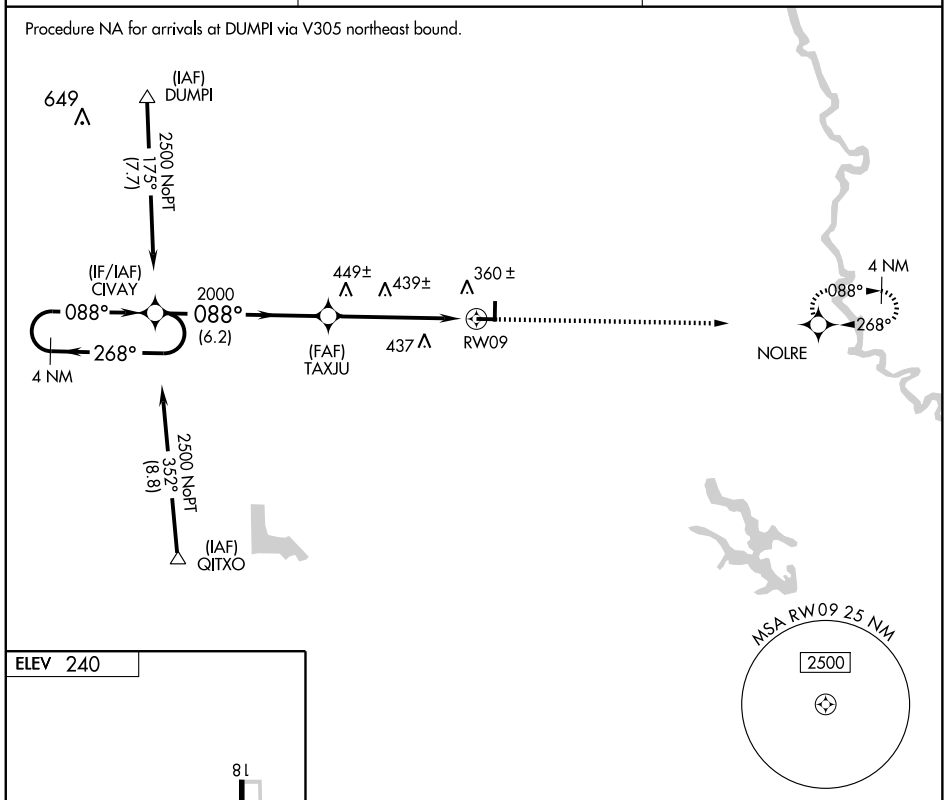
Use Stuttgart altimeter setting when not received, use Little Rock Adams Field altimeter setting and increase all MDAs 20 feet. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

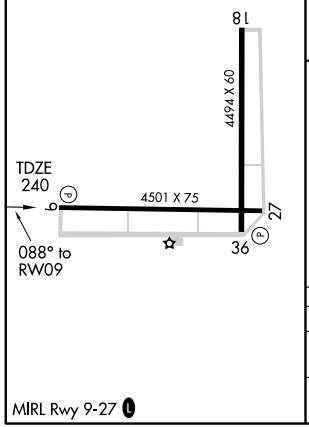
NA

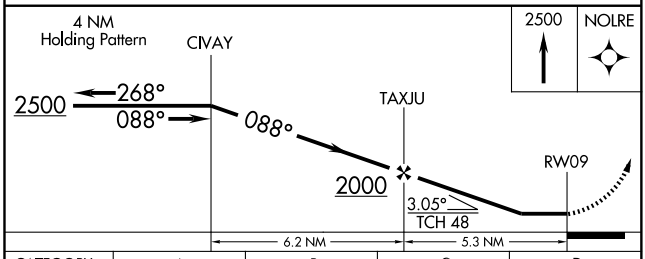
MISSED APPROACH: Climb to 2500 direct NOLRE and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
135.4 353.6	135.4	122.8 (CTAF) L

Procedure NA for arrivals at DUMPI via V305 northeast bound.







CATEGORY	A	B	C	D
LNAV MDA	780-1 540 (600-1)		NA	
CIRCLING	840-1 600 (600-1)		NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

CARLISLE, ARKANSAS AL-6799 (FAA)

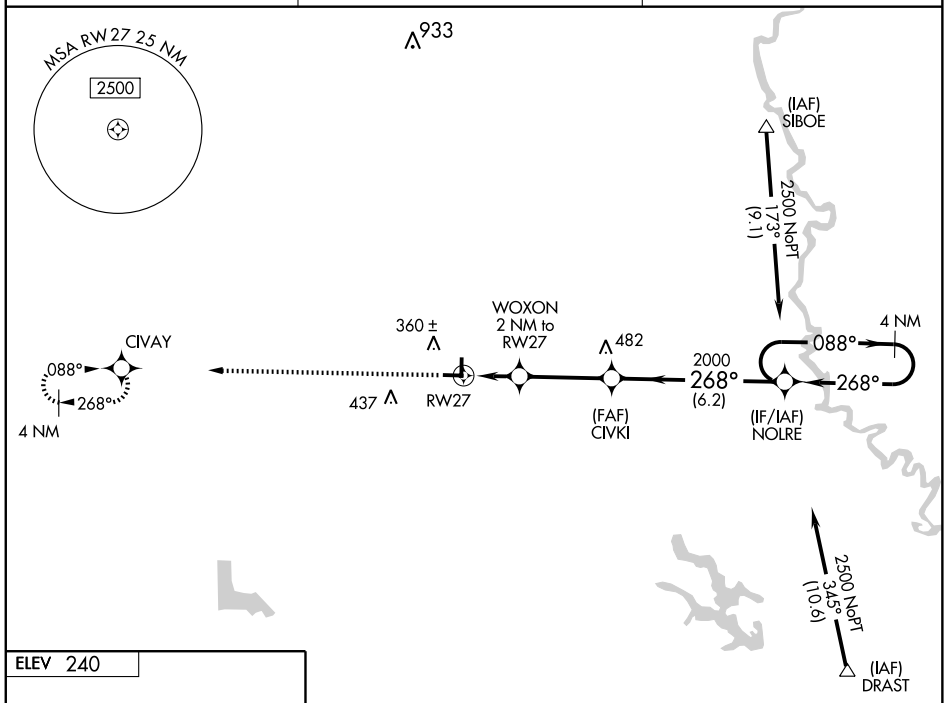
APP CRS	Rwy Idg	4501
268°	TDZE	240
	Apt Elev	240

RNAV (GPS) RWY 27
CARLISLE MUNI (4M3)

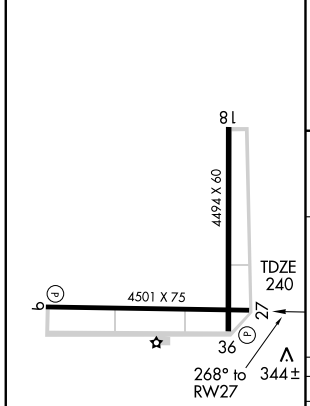
Use Stuttgart altimeter setting when not received, use Little Rock Adams Field altimeter setting and increase all MDAs 20 feet.
NA DME/DME RNP-0.3 NA.

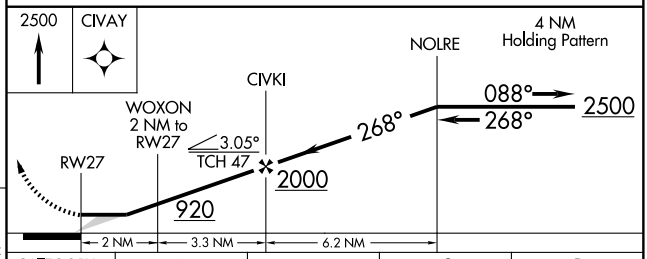
MISSED APPROACH: Climb to 2500 direct CIVAY and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
135.4 353.6	135.4	122.8 (CTAF) L



Procedure NA for arrivals at DRAST via V47 southwest bound.





CATEGORY	A	B	C	D
LNAV MDA	640-1 400 (400-1)		NA	
CIRCLING	800-1 560 (600-1)		NA	

MIRL Rwy 9-27 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC LIT	APP CRS	Rwy Idg	4501
113.9	066°	TDZE	240
Chan 86		Apt Elev	240

VOR/DME RWY 9

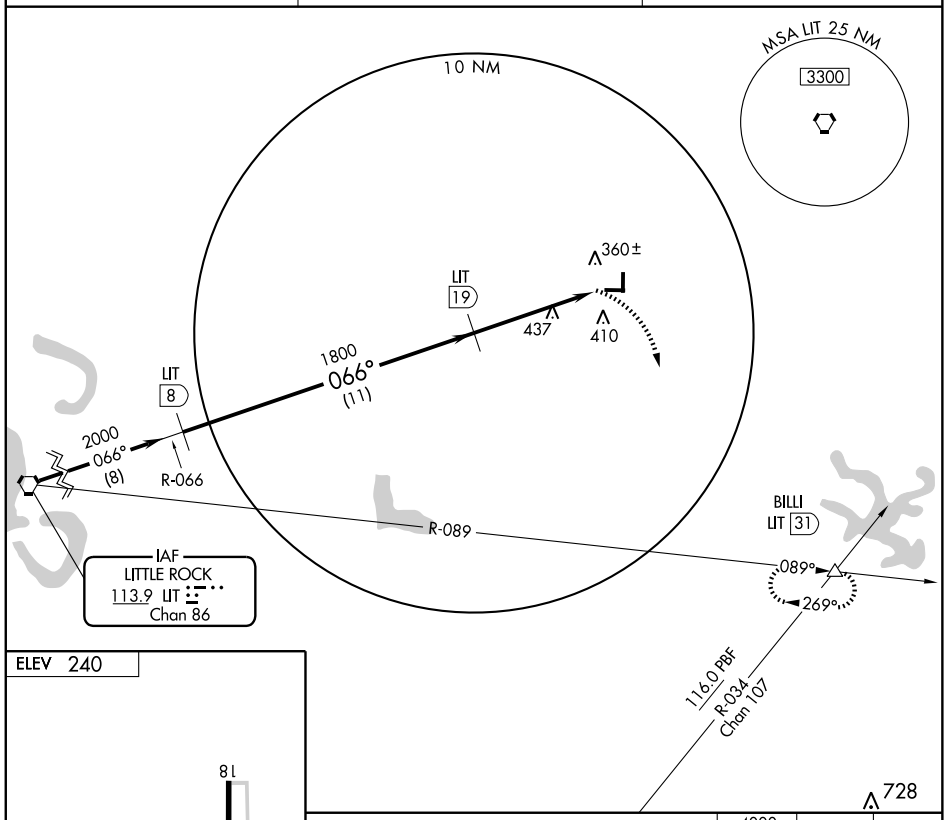
CARLISLE MUNI (4M3)

Use Little Rock (Adams Field) altimeter setting.

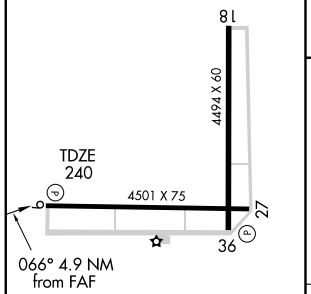
NA

MISSED APPROACH: Climbing right turn to 4000 via heading 140° and LIT R-089 to BILLI Int and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
135.4 353.6	135.4	122.8 (CTAF) L

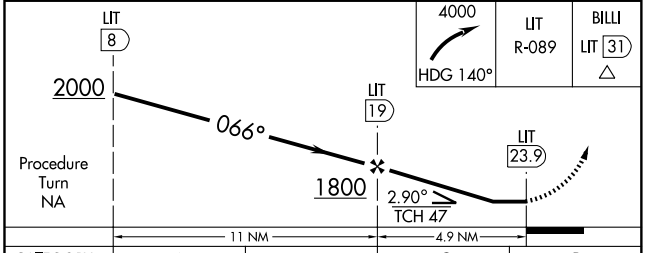


ELEV 240



MIRL Rwy 9-27 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-9	900-1 660 (700-1)	900-1¼ 660 (700-1¼)	NA	
CIRCLING	900-1 660 (700-1)	900-1¼ 660 (700-1¼)	NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB CZE 201	APP CRS 312°	Rwy Idg N/A TDZE N/A Apt Elev 481

NDB-A

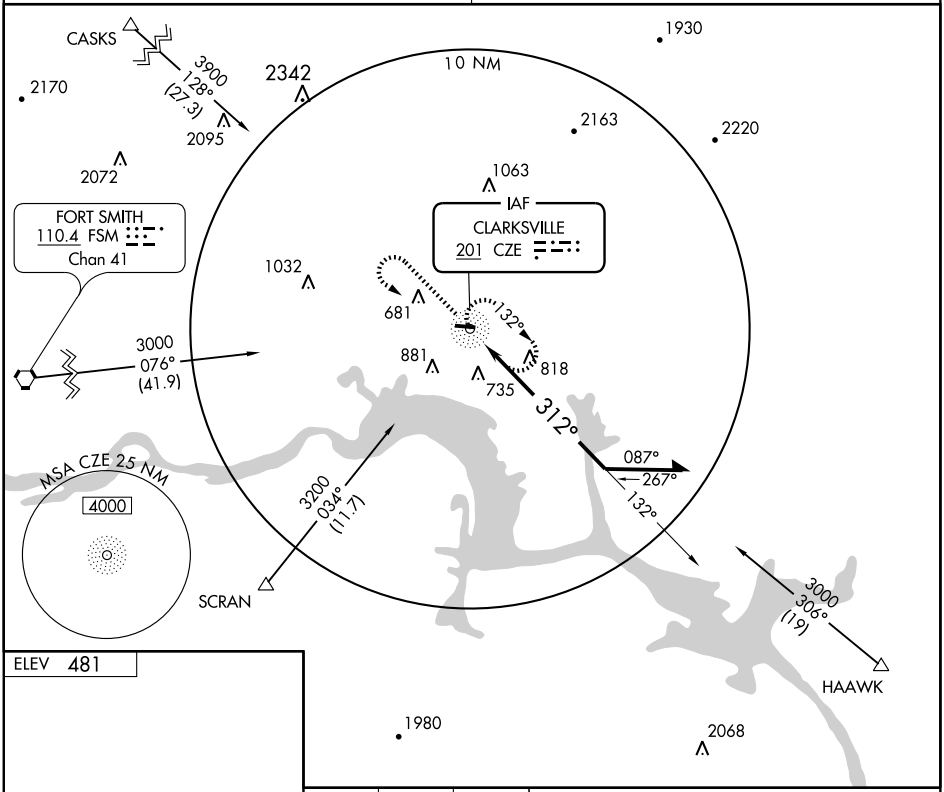
CLARKSVILLE MUNI (H35)

Use Russellville altimeter setting; if not received, use Fort Smith altimeter setting.

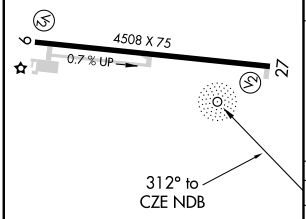
NA

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct CZE NDB and hold.

MEMPHIS CENTER	UNICOM
128.475 377.15	122.8 (CTAF)



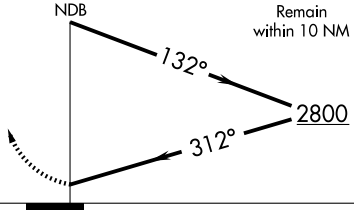
ELEV 481



MIRL Rwy 9-27

Knots	60	90	120	150	180
Min:Sec					

2000	3000	CZE 201



CATEGORY	A	B	C	D
CIRCLING	1400-1¼ 919 (1000-1¼)		NA	

FORT SMITH ALTIMETER SETTING MINIMUMS

CIRCLING	1440-1¼ 959 (1000-1¼)	1440-1½ 959 (1000-1½)	NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
091°	Rwy Idg	4508
	TDZE	481
	Apt Elev	481

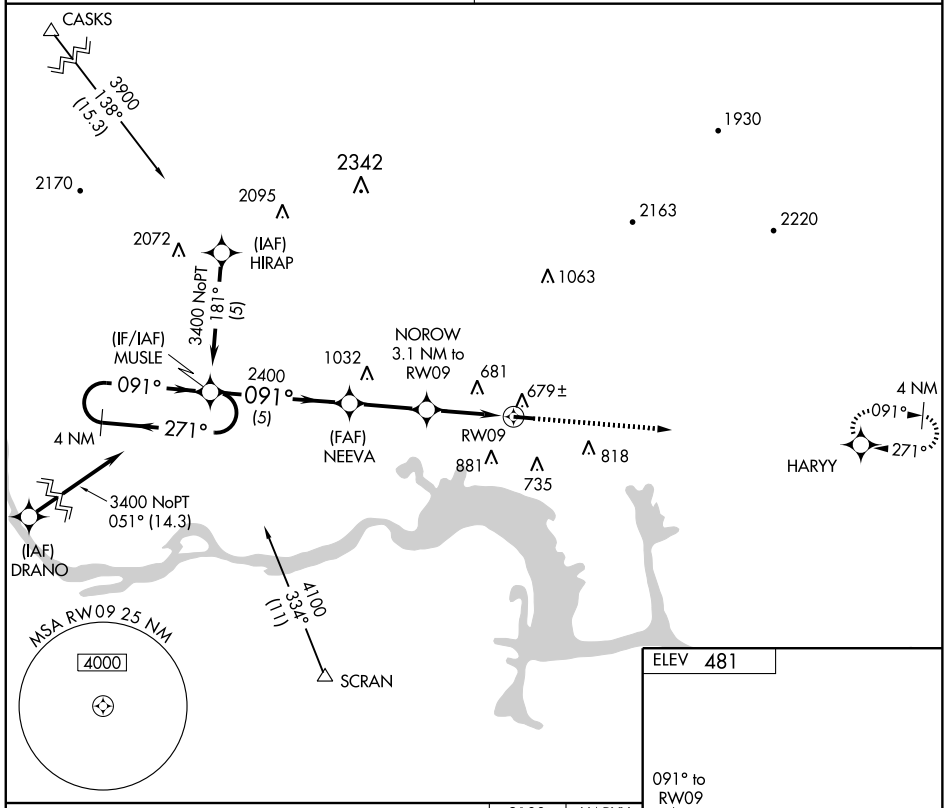
RNAV (GPS) RWY 9
CLARKSVILLE MUNI (H35)

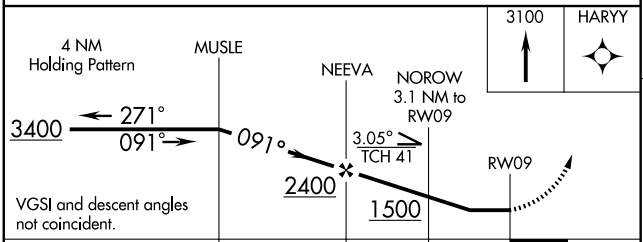
Use Russellville Rgnl altimeter setting; If not received, use Fort Smith Rgnl altimeter setting and increase all MDAs 60'. DME/DME RNP-0.3 NA.

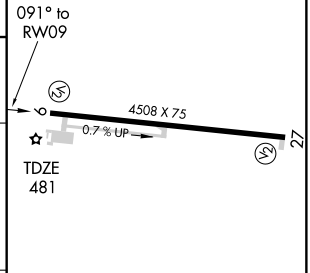
NA When VGSI inoperative, procedure NA at night.

MISSED APPROACH: Climb to 3100 direct HARYY WP and hold.

MEMPHIS CENTER	UNICOM
128.475 377.15	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1060-1	579 (600-1)	NA	
CIRCLING	1220-1 739 (800-1)	1240-1¼ 759 (800-1¼)	NA	

MIRL Rwy 9-27

SC-1, 17 DEC 2009 to 14 JAN 2010

CLARKSVILLE, ARKANSAS

AL-6402 (FAA)

APP CRS		
271°	Rwy Idg	4508
	TDZE	481
	Apt Elev	481

RNAV (GPS) RWY 27

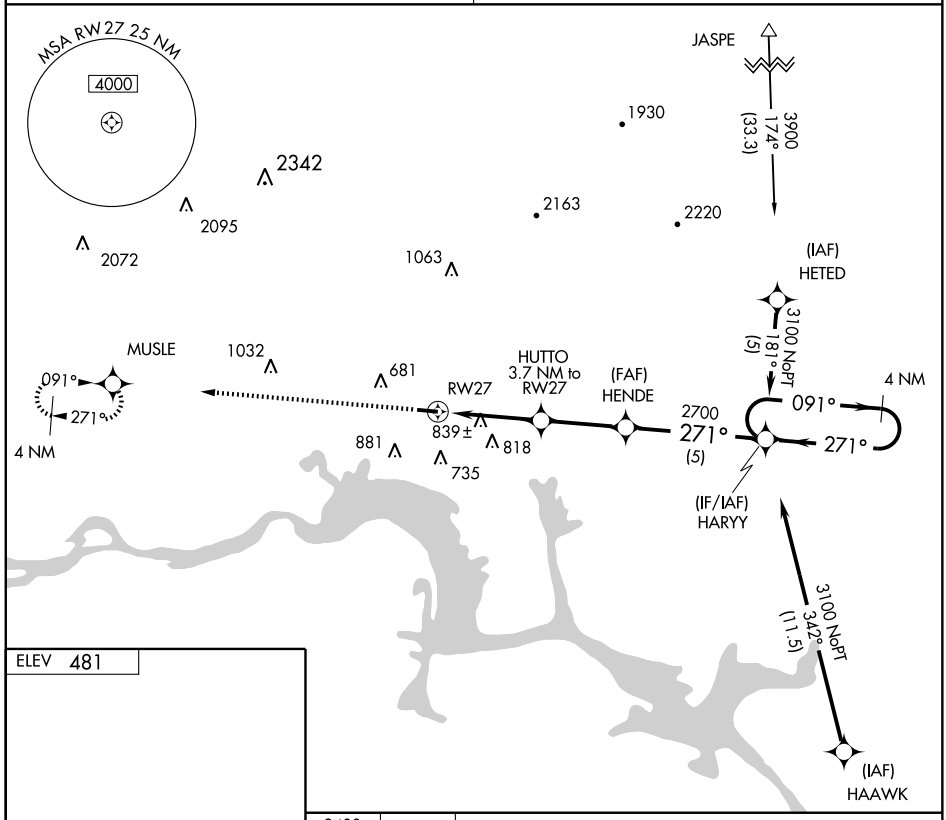
CLARKSVILLE MUNI (H35)

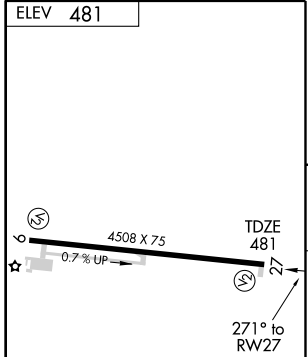
Use Russellville Rgnl altimeter setting; if not received, use Fort Smith Rgnl altimeter setting and increase all MDAs 60 feet. DME/DME RNP-0.3 NA. When VGSI inoperative, procedure not authorised at night.

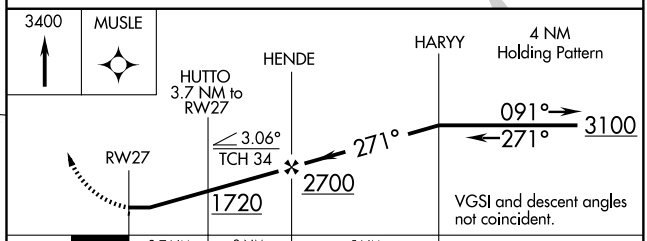
NA

MISSED APPROACH: Climb to 3400 direct MUSLE WP and hold.

MEMPHIS CENTER	UNICOM
128.475 377.15	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1160-1 679 (700-1)		NA	
CIRCLING	1220-1 739 (800-1)	1240-1¼ 759 (800-1¼)	NA	

MIRL Rwy 9-27

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4397
055°	TDZE	1268
	Apt Elev	1268

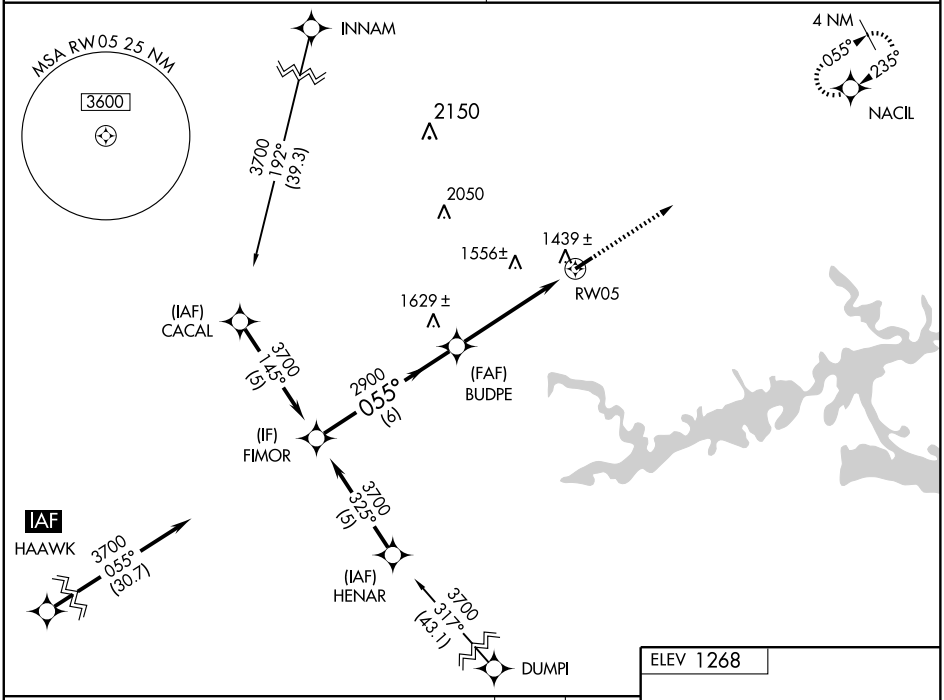
RNAV (GPS) RWY 5

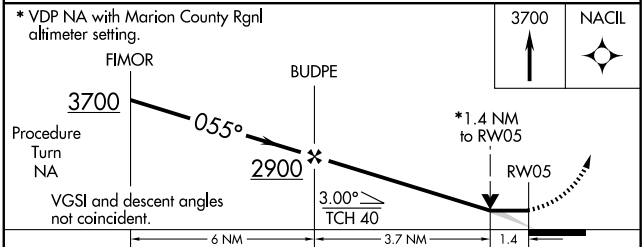
CLINTON/HOLLEY MOUNTAIN AIRPARK (2A2)

T NA — Obtain local altimeter setting on CTAF; when not received, use Marion County Rgnl altimeter setting. DME/DME RNP-0.3 NA.
IAF ARM APPROACH MODE PRIOR TO IAF.

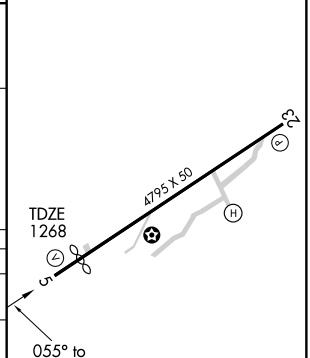
MISSED APPROACH: Climb to 3700 direct NACIL and hold.

MEMPHIS CENTER	UNICOM
126.85 281.55	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1760-1	492 (500-1)	1760-1¼ 492 (500-1¼)	NA
CIRCLING	1760-1	492 (500-1)	1780-1½ 512 (600-1½)	NA
MARION COUNTY RGNL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1920-1	652 (700-1)	1920-1¾ 652 (700-1¾)	NA
CIRCLING	1940-1	672 (700-1)	1960-2 692 (700-2)	NA



MIRL Rwy 5-23 L
REIL Rwy 5 and 23 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4795
235°	TDZE	1268
	Apt Elev	1268

RNAV (GPS) RWY 23

CLINTON/ HOLLEY MOUNTAIN AIRPARK (2A2)

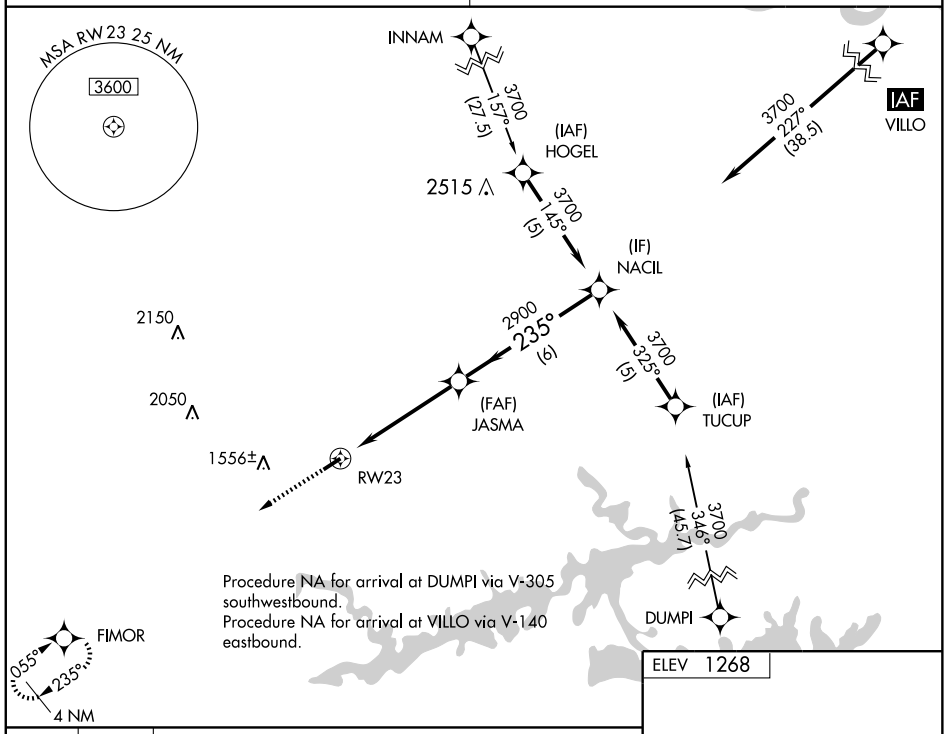
Obtain local altimeter setting on CTAF; when not received, use Marion County Rgnl altimeter setting. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

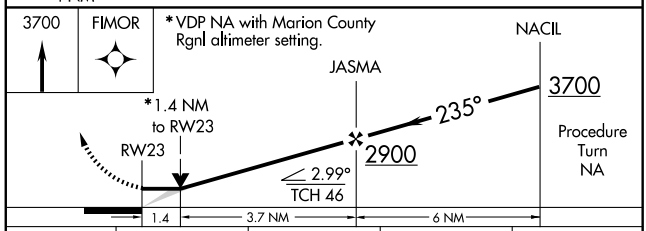
NA

IAF ARM APPROACH MODE PRIOR TO IAF.

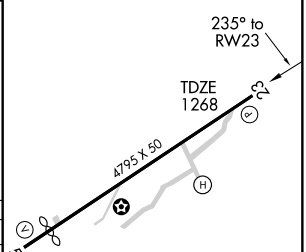
MISSED APPROACH: Climb to 3700 direct FIMOR and hold.

MEMPHIS CENTER	UNICOM
126.85 281.55	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1740-1	472 (500-1)	1740-1¼ 472 (500-1¼)	NA
CIRCLING	1760-1	492 (500-1)	1800-1½ 532 (600-1½)	NA
MARION COUNTY RGNL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1900-1	632 (700-1)	1900-1¾ 632 (700-1¾)	NA
CIRCLING	1940-1	672 (700-1)	1960-2 712 (800-2)	NA



MIRL Rwy 5-23 L

REIL Rwy 5 and 23 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
254°	Rwy Idg	4875 (3232 Nights only)
	TDZE	315
	Apt Elev	315

GPS RWY 26

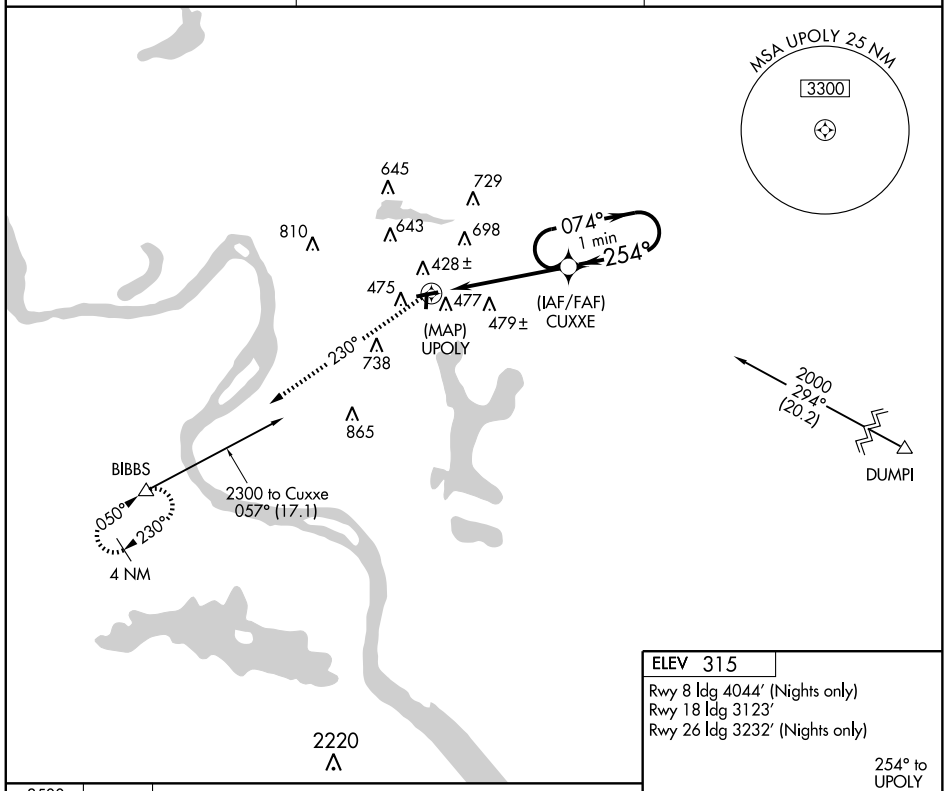
CONWAY/ DENNIS F. CANTRELL FIELD (CWS)

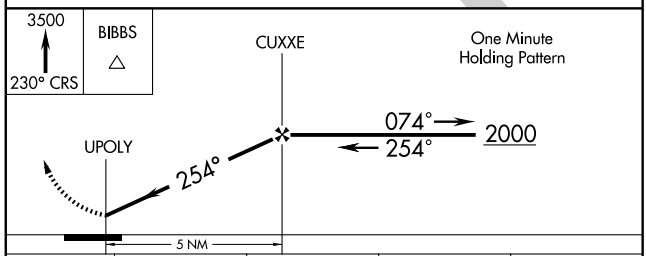
Obtain local altimeter on CTAF; when not received, use Little Rock altimeter setting.

NA

MISSED APPROACH: Climb to 3500 via 230° course to BIBBS and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.2	122.8 (CTAF) L

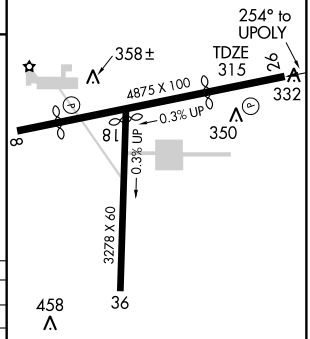




CATEGORY	A	B	C	D
S-26	900-1	585 (600-1)	NA	
CIRCLING	900-1	585 (600-1)	NA	
LITTLE ROCK ALTIMETER SETTING MINIMUMS				
S-26	960-1	645 (700-1)	NA	
CIRCLING	960-1	645 (700-1)	NA	

ELEV 315

Rwy 8 ldg 4044′ (Nights only)
Rwy 18 ldg 3123′
Rwy 26 ldg 3232′ (Nights only)



MIRL Rwys 8-26 L and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB CWS 302	APP CRS 270°	Rwy Idg N/A TDZE N/A Apt Elev 315

NDB-A

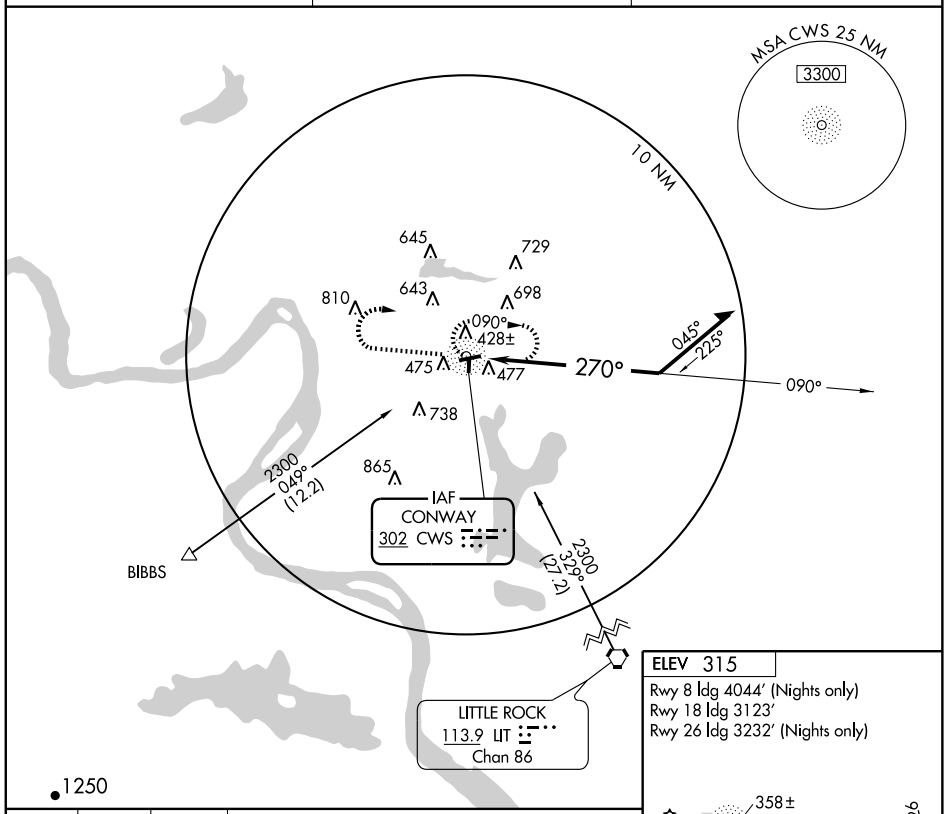
CONWAY/ DENNIS F. CANTRELL FIELD (CWS)

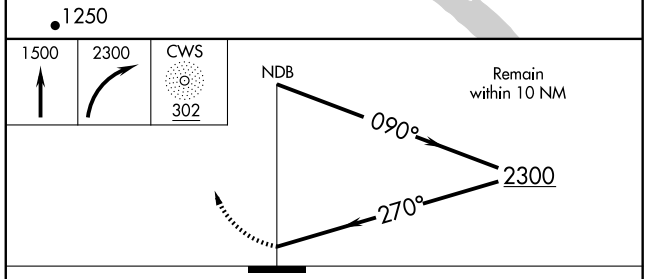
Obtain local altimeter on CTAF; when not received, use Little Rock altimeter setting.

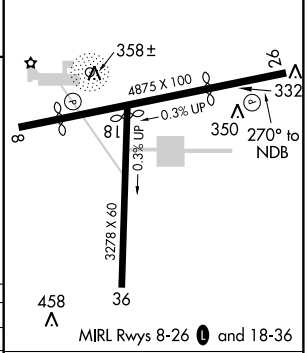
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 2300 CWS NDB and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1000-1	685 (700-1)	NA	

LITTLE ROCK ALTIMETER SETTING MINIMUMS

CIRCLING	1060-1 745 (800-1)	1060-1¼ 745 (800-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

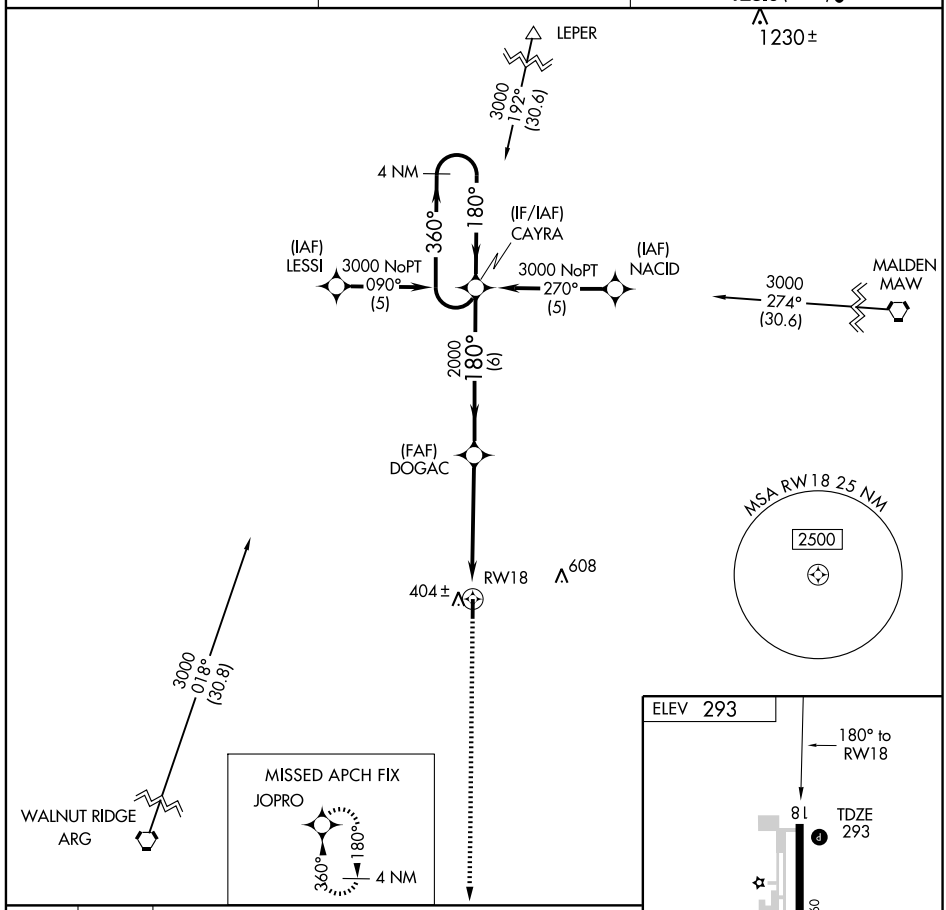
APP CRS	Rwy Idg	4299
180°	TDZE	293
	Apt Elev	293

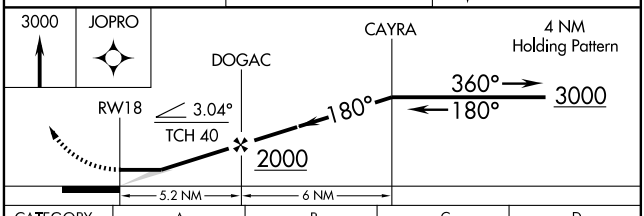
RNAV (GPS) RWY 18
CORNING MUNI (4M9)

NA — GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Use Walnut Ridge Rgnl altimeter setting.

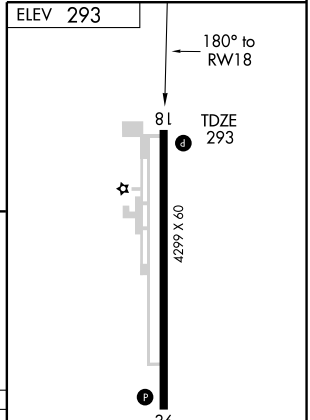
MISSED APPROACH: Climb to 3000 direct JOPRO WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.325	120.075 289.4	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	720-1	427 (500-1)	720-1¼ 427 (500-1¼)	NA
CIRCLING	760-1	467 (500-1)	760-1½ 467 (500-1½)	NA



REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

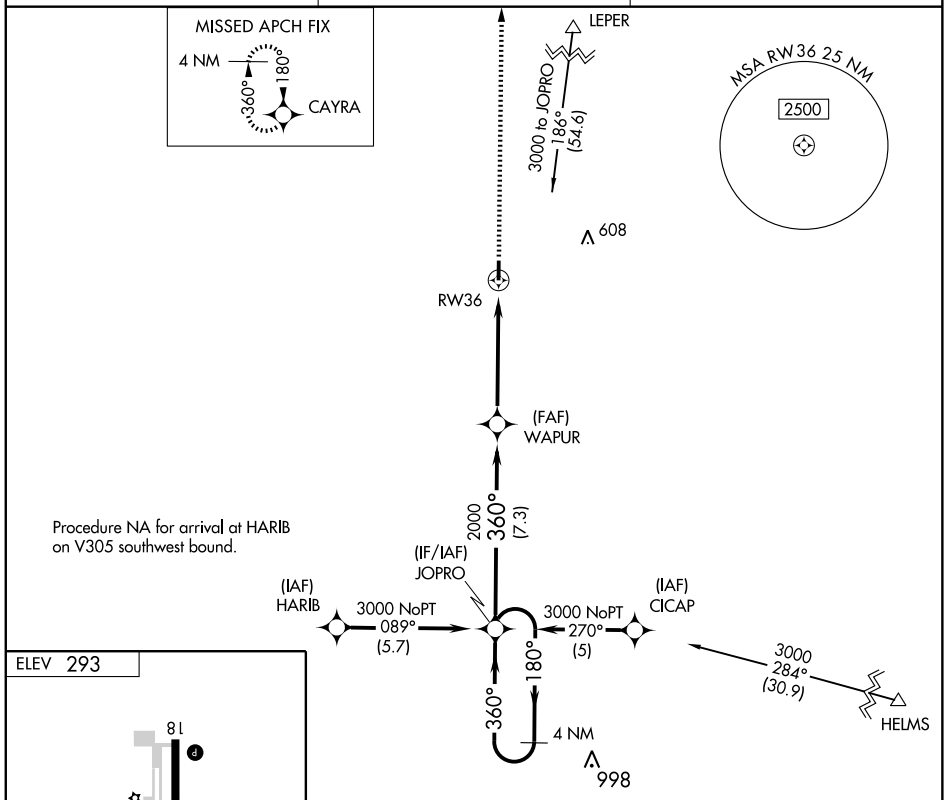
APP CRS		
360°	Rwy Idg	4299
	TDZE	293
	Apt Elev	293

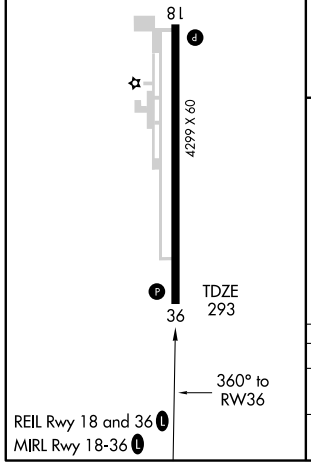
RNAV (GPS) RWY 36
CORNING MUNI (4M9)

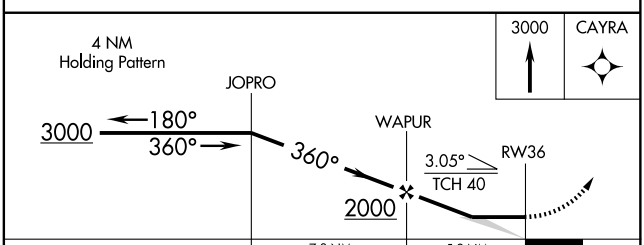
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Use Walnut Ridge Rgnl altimeter setting.

MISSED APPROACH: Climb to 3000 direct CAYRA WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.325	120.075 289.4	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1	407 (500-1)	700-1¼ 407 (500-1¼)	NA
CIRCLING	760-1	467 (500-1)	760-1½ 467 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

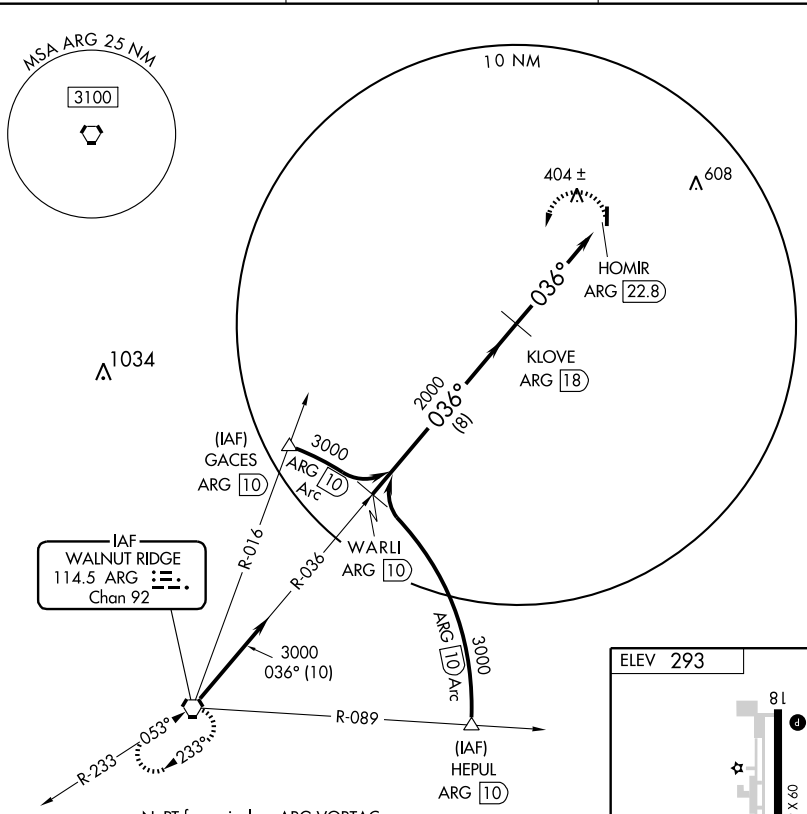
VORTAC ARG	APP CRS	Rwy Idg	N/A
114.5	036°	TDZE	N/A
Chan 92		Apt Elev	293

VOR/DME-A
CORNING MUNI (4M9)

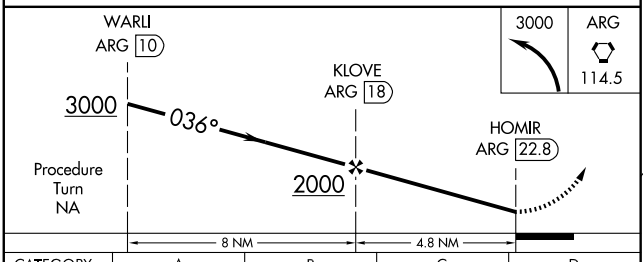
NA Use Walnut Ridge Rgnl altimeter setting.

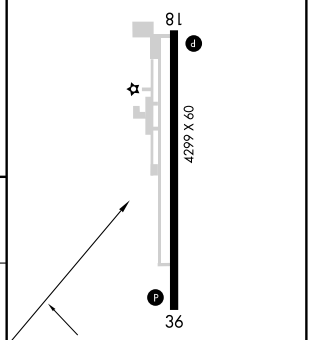
MISSED APPROACH: Climbing left turn to 3000 direct ARG VORTAC and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.325	120.075 289.4	123.0 (CTAF) L



NoPT for arrival on ARG VORTAC airway radials 149 CW 297.





CATEGORY	A	B	C	D
CIRCLING	1100-1 807 (900-1)	1100-1¼ 807 (900-1¼)	1100-2¼ 807 (900-2¼)	NA

REIL Rwy 18 and 36 L
MIRL Rwy 18-36 L

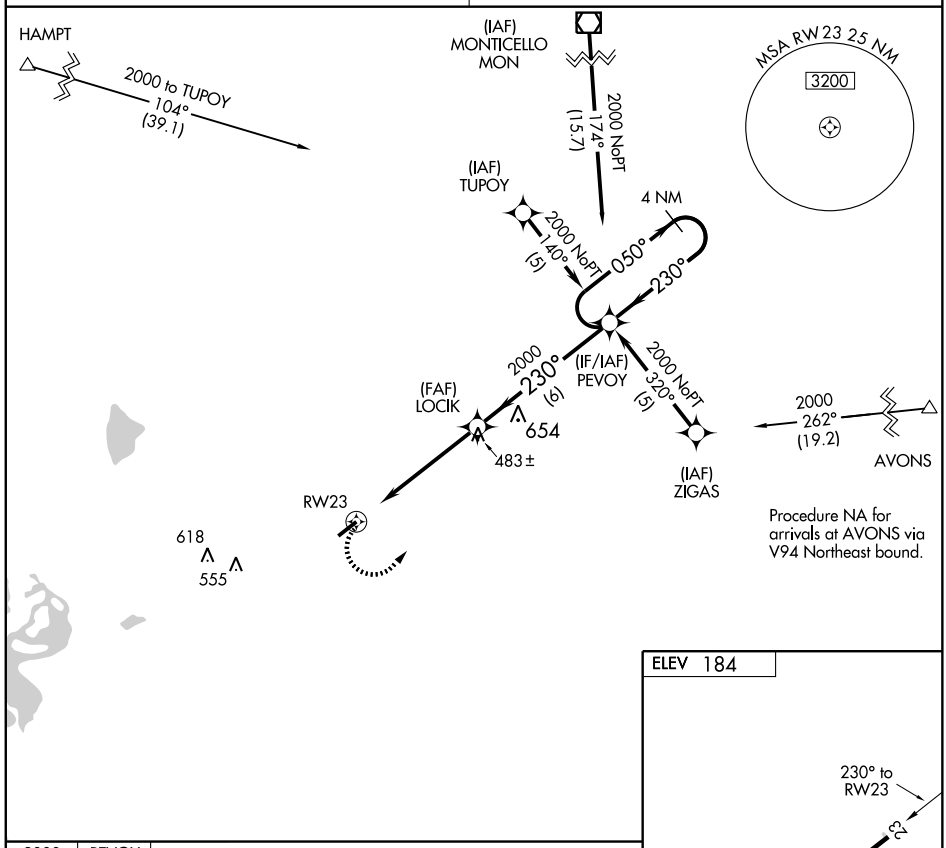
SC-1, 17 DEC 2009 to 14 JAN 2010

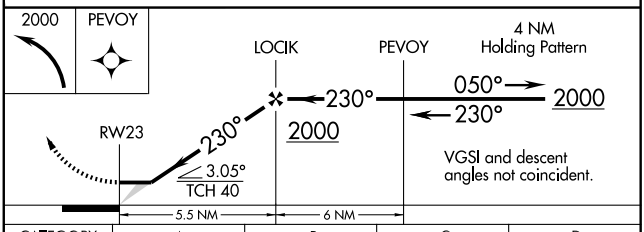
APP CRS	Rwy Idg	5009
230°	TDZE	184
	Apt Elev	184

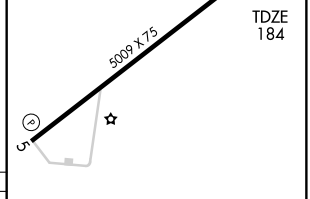
RNAV (GPS) RWY 23

CROSSETT/Z M JACK STELL FIELD (CRT)

⚠ NA DME/DME RNP-0.3 NA. Use Monroe, LA altimeter setting; if not received, use El Dorado altimeter setting and increase all MDAs 20 feet.	MISSED APPROACH: Climbing left turn to 2000 direct PEVOY and hold.
MEMPHIS CENTER **135.875 269.35**	UNICOM **122.8** (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	760-1 576 (600-1)		760-1½ 576 (600-1½)	NA
CIRCLING	760-1 576 (600-1)		760-1½ 576 (600-1½)	NA

MIRL Rwy 5-23

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME MON 111.6 Chan 53	APP CRS 196°	Rwy Idg N/A TDZE N/A Apt Elev 184

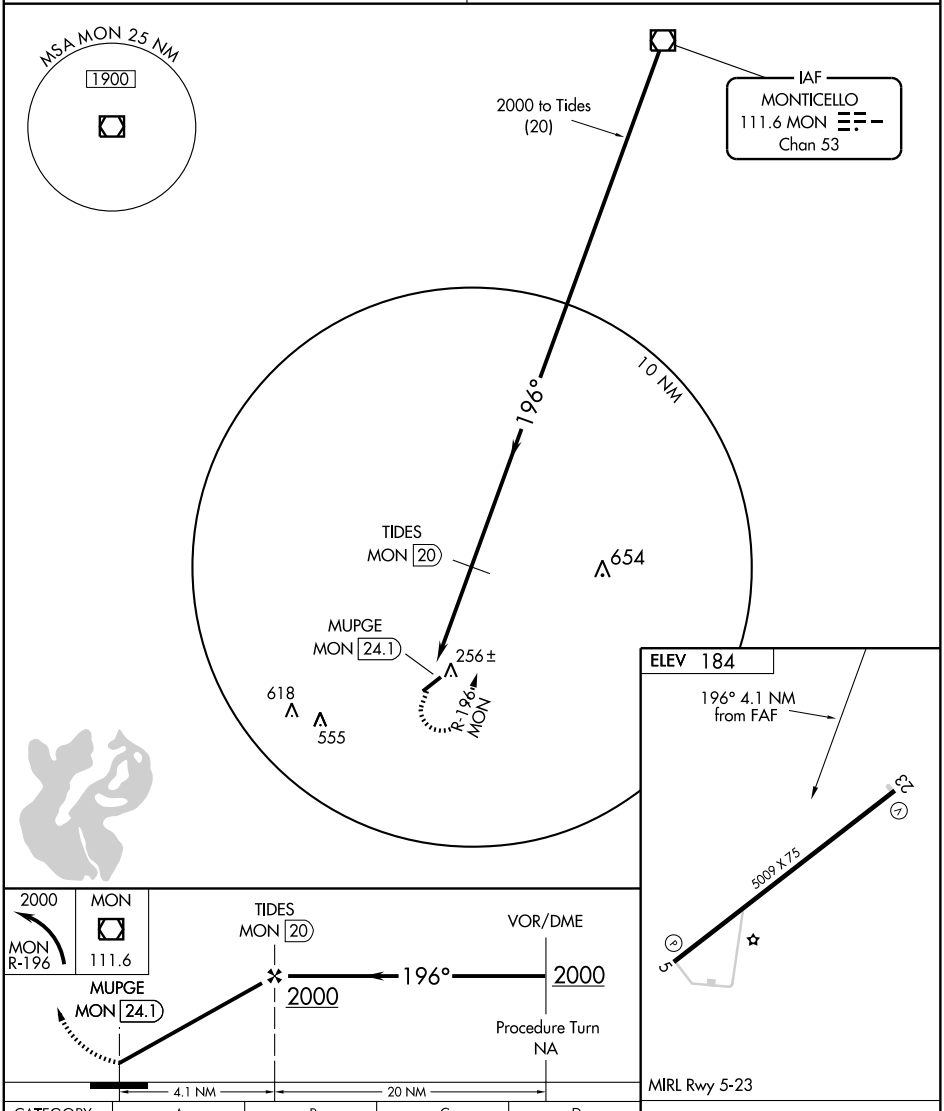
VOR/DME-A

CROSSETT/ Z M JACK STELL FIELD (CRT)

NA Use Monroe, LA altimeter setting; if not received, use El Dorado altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climbing left turn to 2000 via MON R-196 to MON VOR/DME.

MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1020-1 837 (900-1)	1020-1¼ 837 (900-1¼)	1020-2½ 837 (900-2½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1. 17 DEC 2009 to 14 JAN 2010

NDB DEQ 281	APP CRS 083°	Rwy Idg 5001 TDZE 355 Apt Elev 355

NDB RWY 8

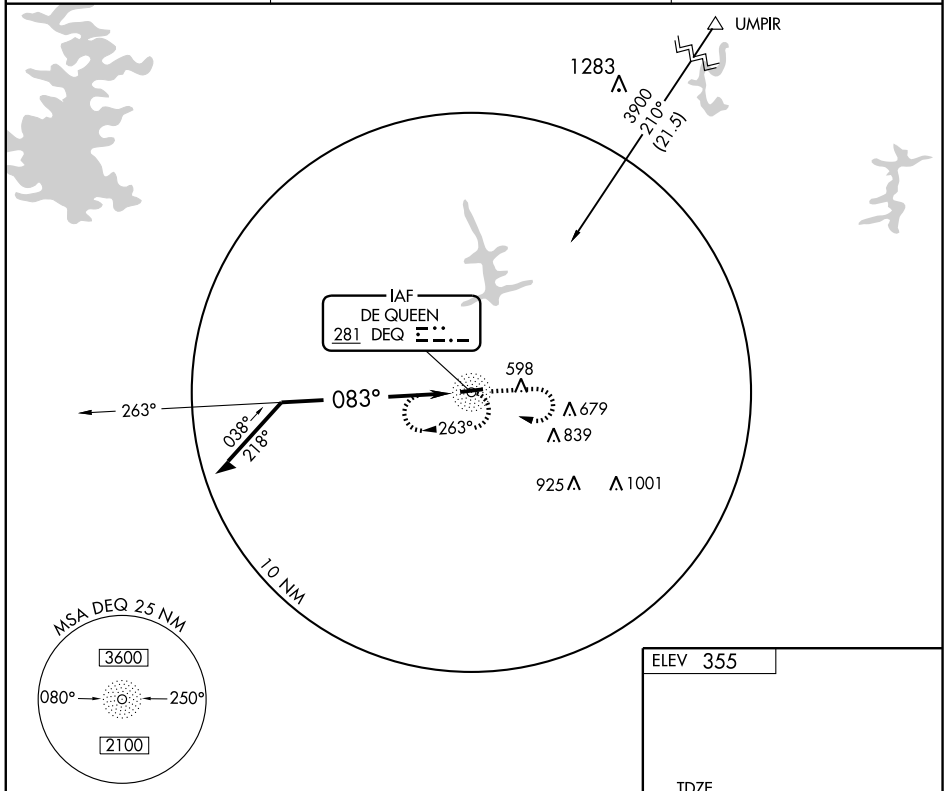
DE QUEEN / J. LYNN HELMS SEVIER COUNTY (DEQ)

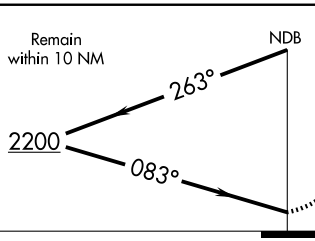
If local altimeter setting not received, use Texarkana altimeter setting and increase all MDAs 100 feet.

NA

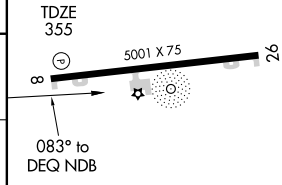
MISSED APPROACH: Climb to 1500, then climbing right turn to 2200 direct DEQ NDB and hold.

ASOS	FORT WORTH CENTER	UNICOM
134.075	123.925 269.475	122.8 (CTAF) L





1500	2200	DEQ 281



REIL Rwy 8 L

MIRL Rwy 8-26 L

CATEGORY	A	B	C	D
S-8	1260-1¼ 905 (1000-1¼)	1260-1½ 905 (1000-1½)	NA	
CIRCLING	1260-1¼ 905 (1000-1¼)	1260-1½ 905 (1000-1½)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
079°	TDZE	355
	Apt Elev	355

RNAV (GPS) RWY 8

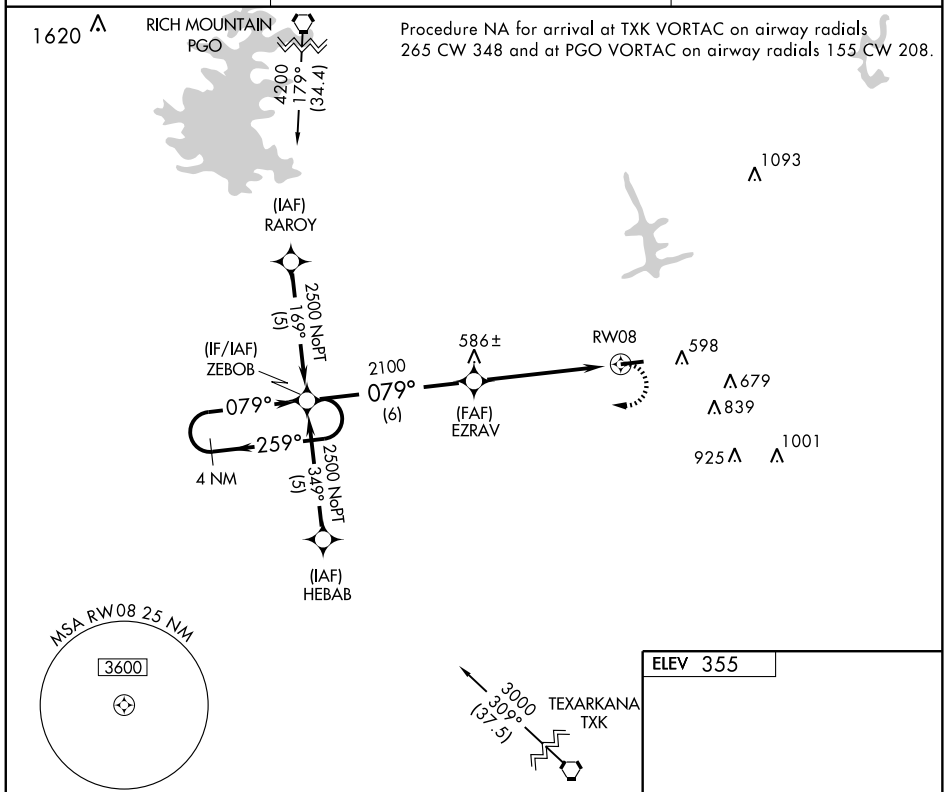
DE QUEEN/ J. LYNN HELMS SEVIER COUNTY (DEQ)

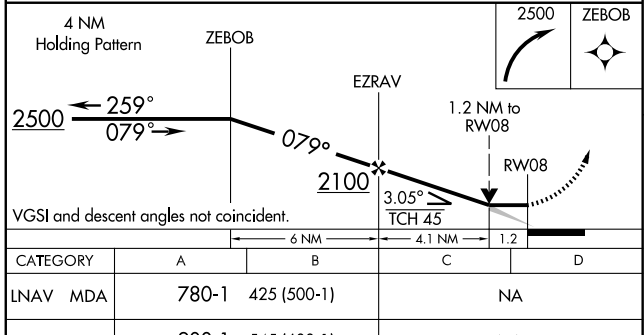
VDP NA with Texarkana altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Texarkana altimeter setting and increase all MDAs 100 feet.

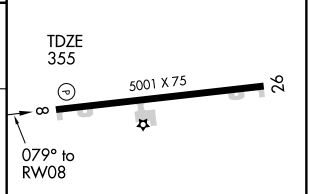
MISSED APPROACH: Climbing right turn to 2500 direct ZEBOB and hold.

ASOS	FORT WORTH CENTER	UNICOM
134.075	123.925 269.475	122.8 (CTAF) L

Procedure NA for arrival at TXK VORTAC on airway radials 265 CW 348 and at PGO VORTAC on airway radials 155 CW 208.







CATEGORY	A	B	C	D
LNAV MDA	780-1	425 (500-1)	NA	
CIRCLING	900-1	545 (600-1)	NA	

REIL Rwy 8 L
MIRL Rwy 8-26 L

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 13

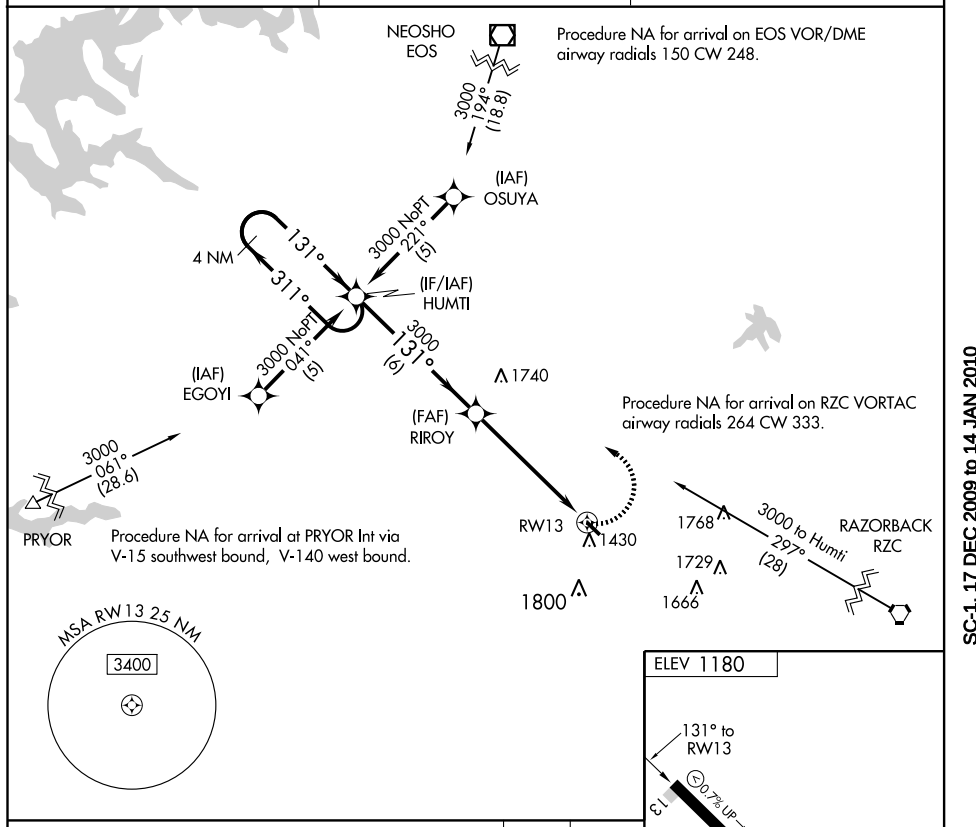
DECATUR/CRYSTAL LAKE (5M5)

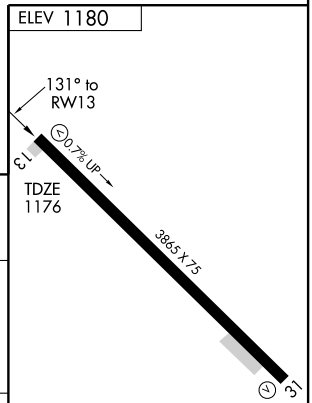
APP CRS	Rwy Idg	3865
131°	TDZE	1176
	Apt Elev	1180

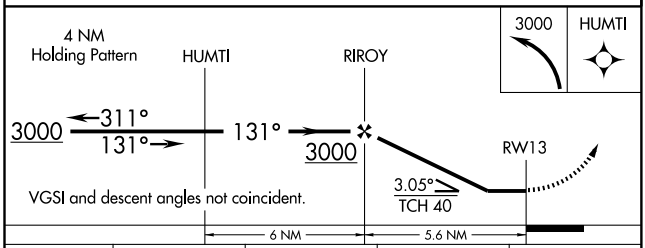
DME/DME RNP-0.3 NA
Use Fayetteville/Northwest Arkansas Rgnl altimeter setting; if not received, use Joplin, MO altimeter setting and increase all MDAs 120 feet.

MISSED APPROACH: Climbing left turn to 3000 direct HUMTI WP and hold.

RAZORBACK APP CON ★	CLNC DEL	UNICOM
121.0 244.57	121.725	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1720-1	544 (600-1)	1720-1½ 544 (600-1½)	NA
CIRCLING	1820-1	640 (700-1)	1860-2 680 (700-2)	NA

LIRL Rwy 13-31

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	3865
116.4	107°	TDZE	1176
Chan 111		Apt Elev	1180

VOR/DME RWY 13

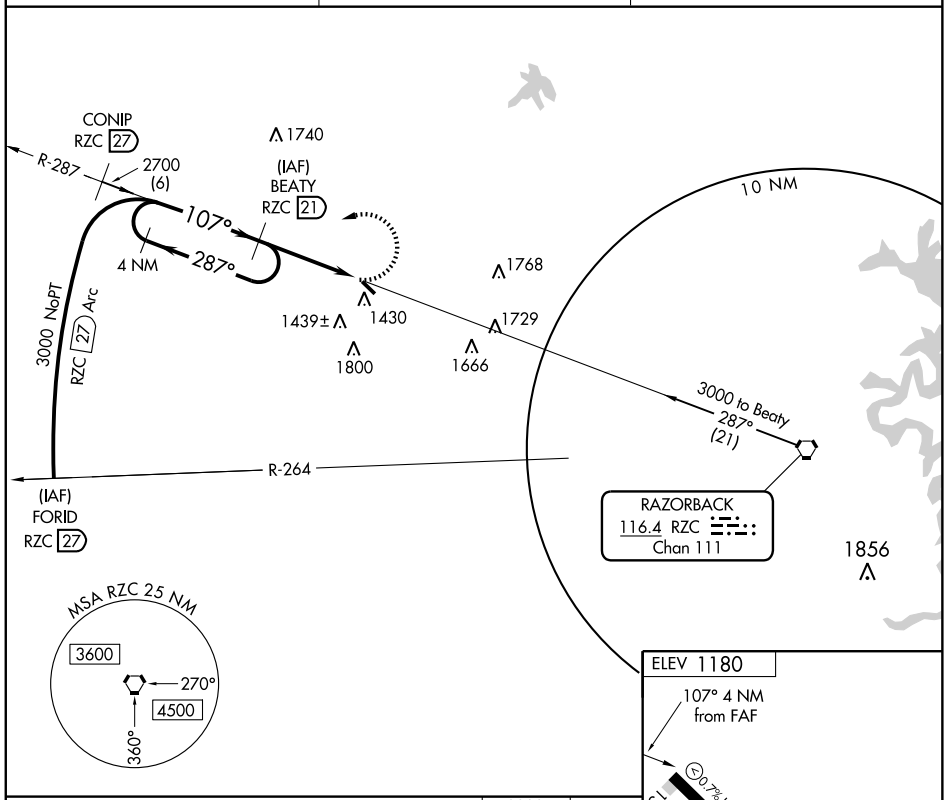
DECATUR/ CRYSTAL LAKE (5M5)

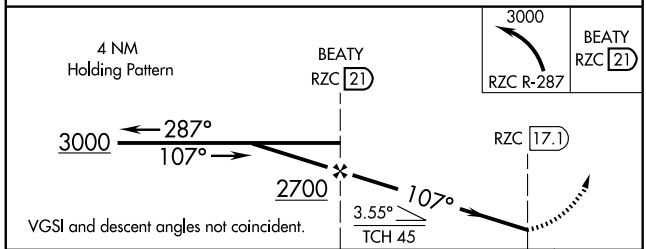
Use Fayetteville/Northwest Arkansas Rgnl altimeter setting; if not received, use Joplin, MO altimeter setting and increase all MDAs 120 feet.

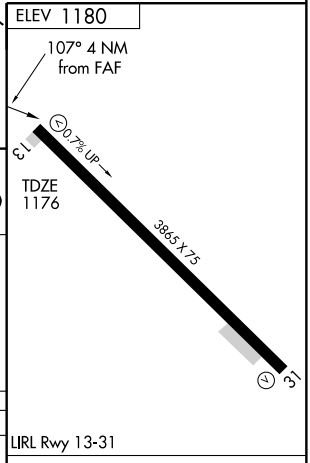
NA

MISSED APPROACH: Climbing left turn to 3000 via RZC R-287 to BEATY/21 DME and hold.

RAZORBACK APP CON ★	CLNC DEL	UNICOM
121.0 244.57	121.725	122.8 (CTAF)







CATEGORY	A	B	C	D
S-13	1780-1	604 (600-1)	1780-1¾ 604 (600-1¾)	NA
CIRCLING	1820-1	640 (700-1)	1860-2 680 (700-2)	NA

LIRL Rwy 13-31

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
001°	TDZE	163
	Apt Elev	163

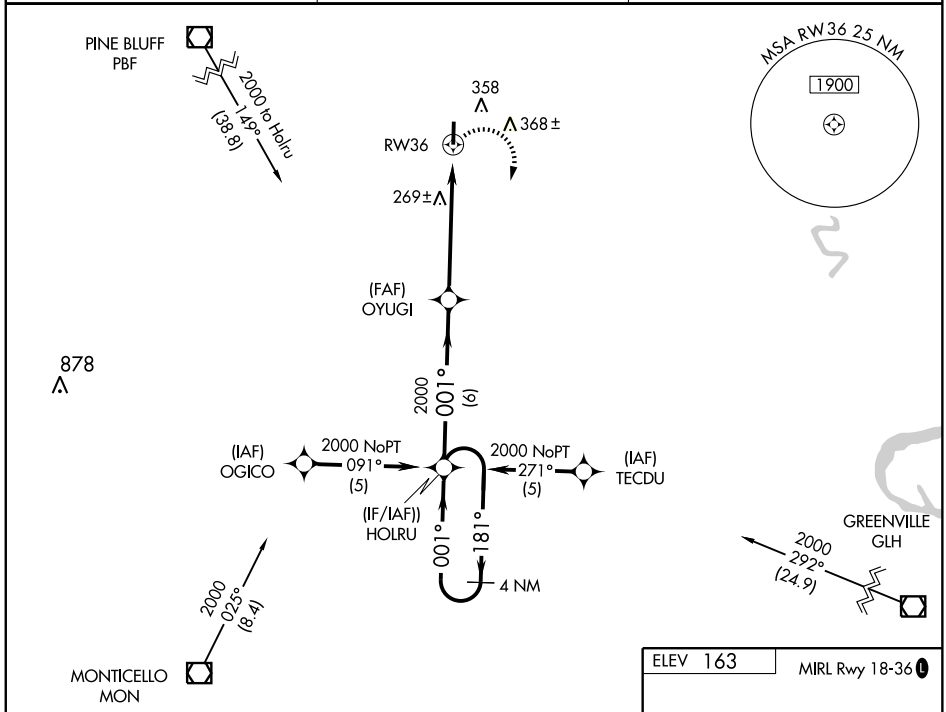
RNAV (GPS) RWY 36

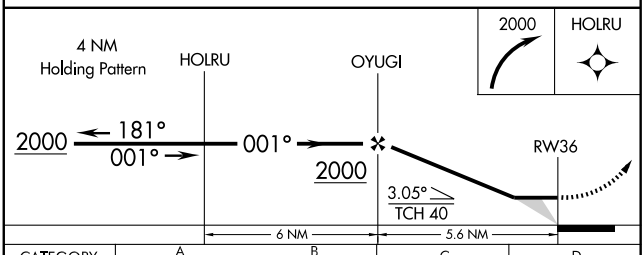
DUMAS/BILLY FREE MUNI (ØMØ)

Use Pine Bluff altimeter setting; if not received, use Greenville, MS altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA.

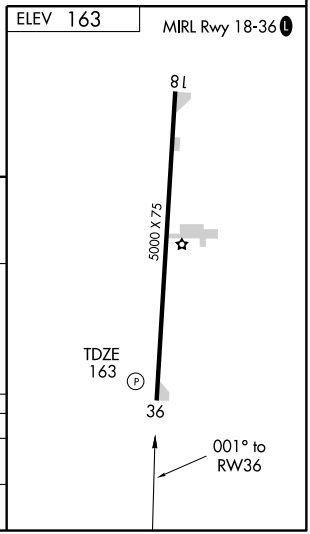
MISSED APPROACH: Climbing right turn to 2000 direct HOLRU and hold.

PINE BLUFF ASOS	MEMPHIS CENTER	UNICOM
120.775	135.875 269.35	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	600-1	437 (500-1)	600-1¼ 437 (500-1¼)	NA
CIRCLING	780-1	617 (700-1)	780-1¾ 617 (700-1¾)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

DUMAS, ARKANSAS

AL-6824 (FAA)

VOR/DME MON	APP CRS	Rwy Idg	5000
111.6	022°	TDZE	163
Chan 53		Apt Elev	163

VOR/DME RWY 36

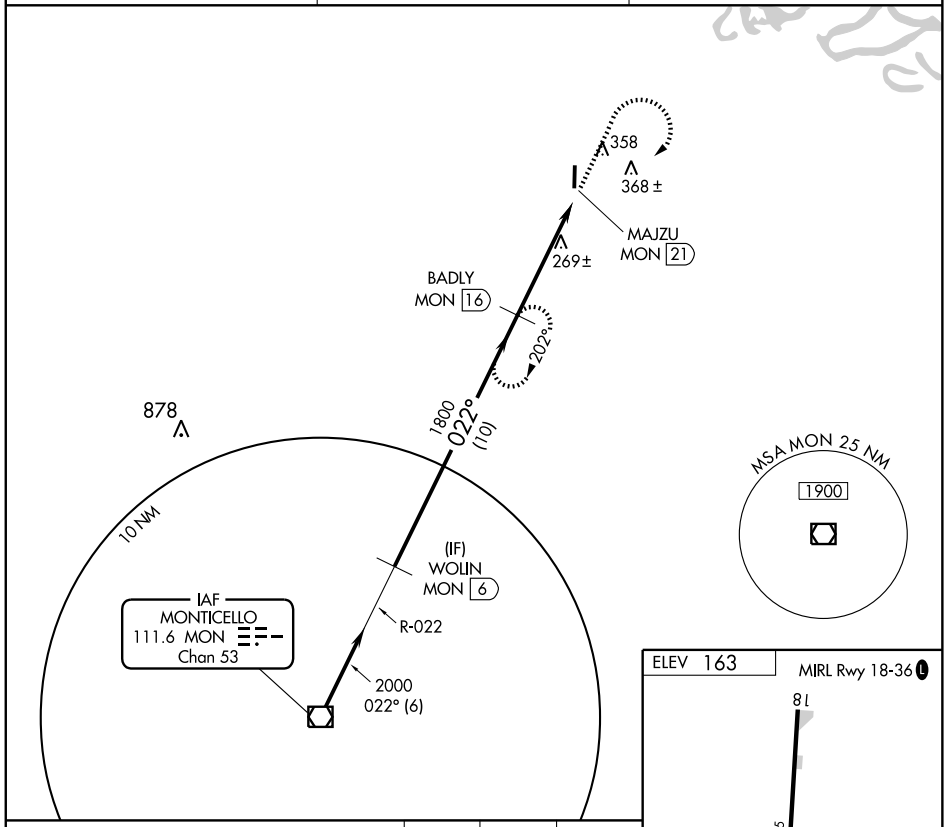
DUMAS/BILLY FREE MUNI (ØMØ)

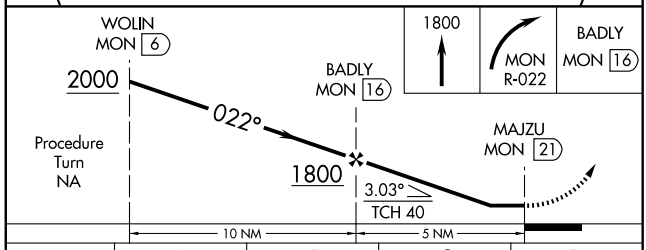
Use Pine Bluff altimeter setting; if not received, use Greenville, MS altimeter setting and increase all MDAs 40 feet.

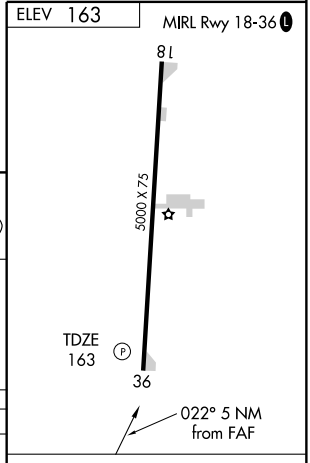
NA

MISSED APPROACH: Climb to 1800 then right turn via MON VOR/DME R-022 to BADLY/16 DME and hold.

PINE BLUFF ASOS	MEMPHIS CENTER	UNICOM
120.775	135.875 269.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-36	600-1 437 (500-1)	600-1¼ 437 (500-1¼)	600-1½ 437 (500-1½)	NA
CIRCLING	780-1 617 (700-1)	780-1¼ 617 (700-1¼)	780-1¾ 617 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-ELD	APP CRS	Rwy Idg 6601
111.1 Chan 48	223°	TDZE 259
		Apt Elev 277

EL DORADO/
SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

ILS or LOC RWY 22

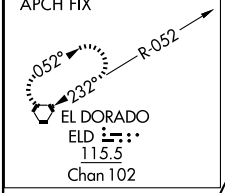
ADF required. If local altimeter setting not received, use Ruston Rgnl altimeter setting and increase all DAs to 565 feet and increase all MDAs 120 feet.

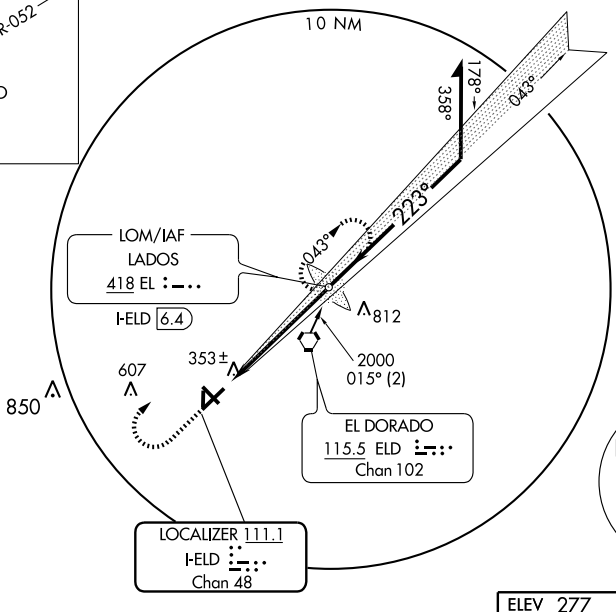
MALSR

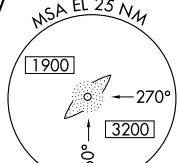
MISSED APPROACH: Climb to 1200 then climbing right turn to 2000 direct LADOS LOM and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	128.2 269.1	123.0 (CTAF) L

ALTERNATE MISSED APCH FIX

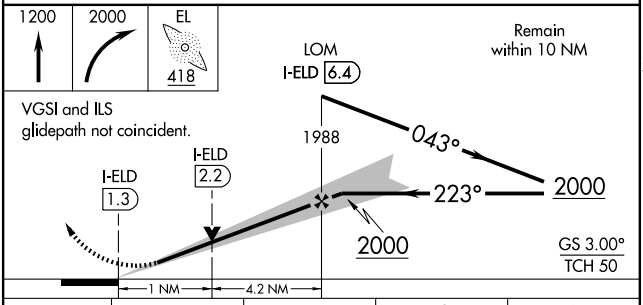


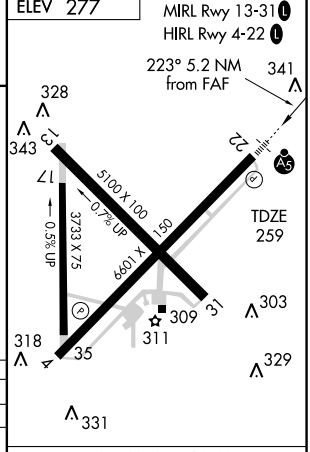




ADF or DME REQUIRED

1200	2000	EL
↑	↗	418





CATEGORY	A	B	C	D
S-ILS 22	459-½ 200 (200-½)			
S-LOC 22	620-½ 361 (400-½)			620-¾ 361 (400-¾)
CIRCLING	740-1 463 (500-1)		740-1½ 463 (500-1½)	840-2 563 (600-2)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6601
043°	TDZE	260
	Apt Elev	277

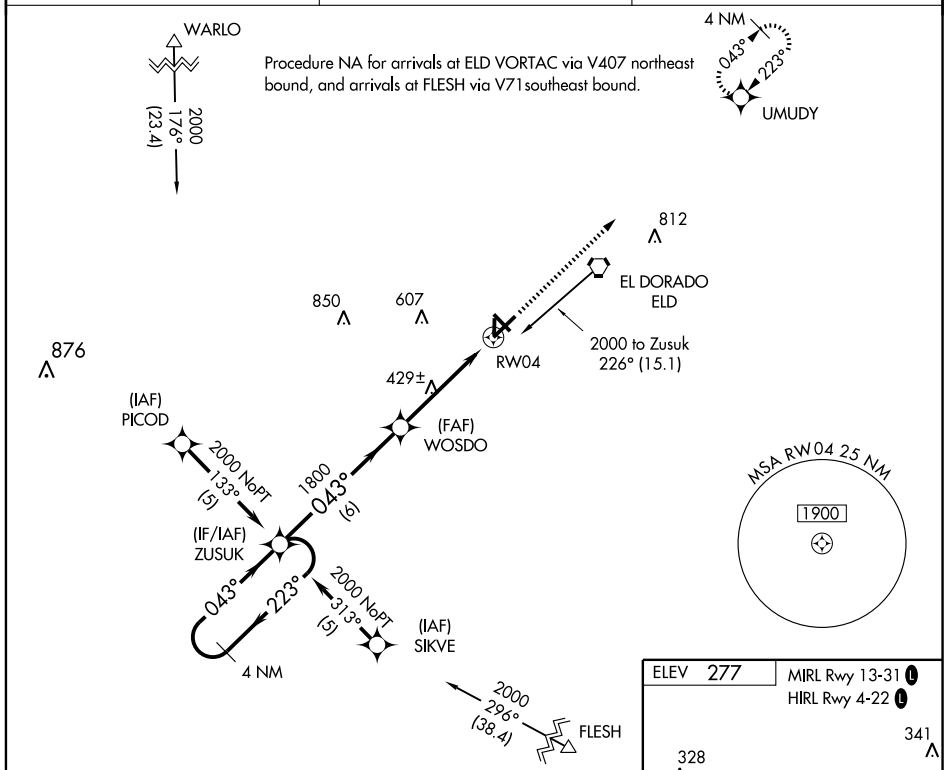
RNAV (GPS) RWY 4

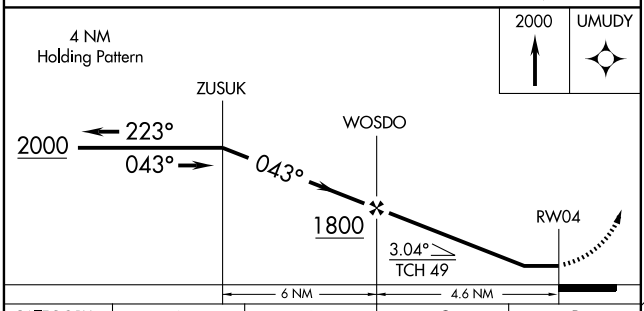
EL DORADO/ SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

DME/DME RNP-0.3 NA.
Circling to runways 13, 17, 31, and 35 NA at night.
When VGSI inoperative, procedure NA at night.

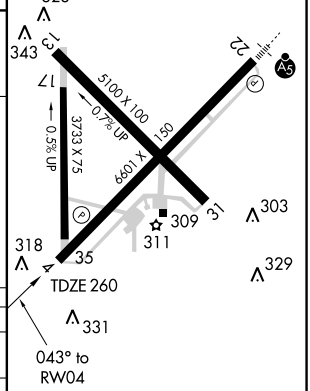
MISSED APPROACH: Climb to 2000 direct UMUDY and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	128.2 269.1	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	680-1 420 (500-1)		680-1¼ 420 (500-1¼)	
CIRCLING	740-1 463 (500-1)		740-1½ 463 (500-1½)	840-2 563 (600-2)



SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 6601
Ch 77521	223°	TDZE 259
W22A		Apt Elev 277

RNAV (GPS) RWY 22

EL DORADO/ SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

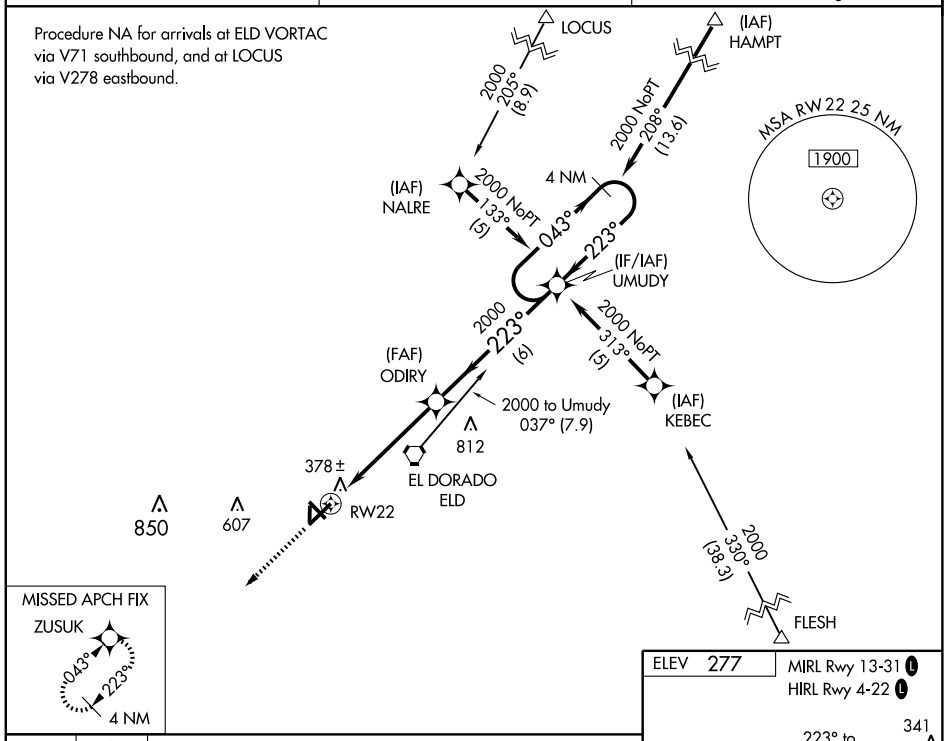
BARO-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. For inoperative MALSR increase LPV visibility to 1¼ all Cats, increase LNAV Cats A, B, and C visibility to 1, and Cat. D to 1¼. Circling to runways 4, 13, 17, 31 and 35 NA at night.

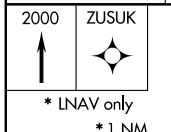
MALSR

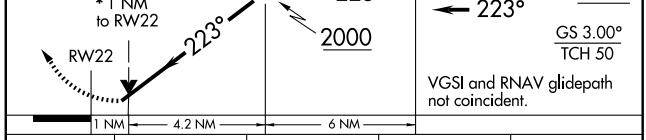
MISSED APPROACH: Climb to 2000 direct ZUSUK and hold.

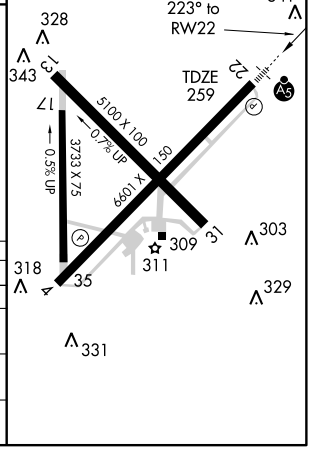
ASOS	FORT WORTH CENTER	UNICOM
118.325	128.2 269.1	123.0 (CTAF)

Procedure NA for arrivals at ELD VORTAC via V71 southbound, and at LOCUS via V278 eastbound.









CATEGORY	A	B	C	D
LPV DA	602-¾ 343 (400-¾)			
LNAV/ VNAV DA	650-¾ 391 (400-¾)			
LNAV MDA	640-¾ 381 (400-¾)			640-1 381 (400-1)
CIRCLING	740-1¼ 463 (500-1¼)		740-1½ 463 (500-1½)	840-2 563 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

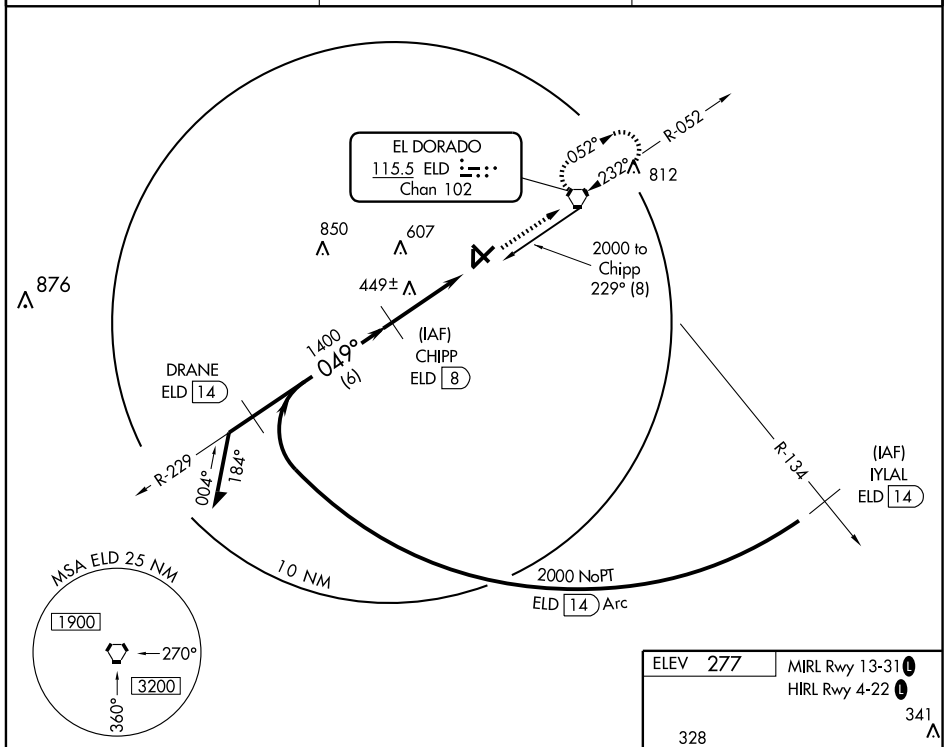
VORTAC ELD	APP CRS	Rwy Idg	6601
115.5	049°	TDZE	260
Chan 102		Apt Elev	277

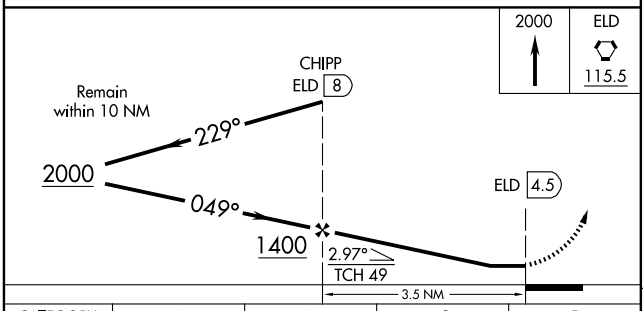
VOR/DME RWY 4

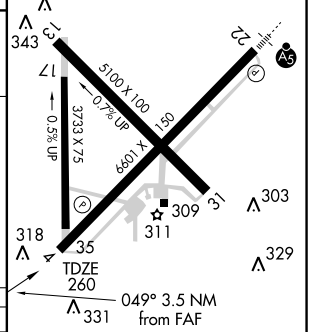
EL DORADO/ SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

MISSED APPROACH: Climb to 2000 direct ELD VORTAC and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	128.2 269.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-4	700-1	440 (500-1)	700-1¼ 440 (500-1¼)	700-1½ 440 (500-1½)
CIRCLING	740-1	463 (500-1)	740-1½ 463 (500-1½)	840-2 563 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1. 17 DEC 2009 to 14 JAN 2010

VORTAC ELD	APP CRS	Rwy Idg 6601
115.5	232°	TDZE 260
Chan 102		Apt Elev 277

VOR RWY 22

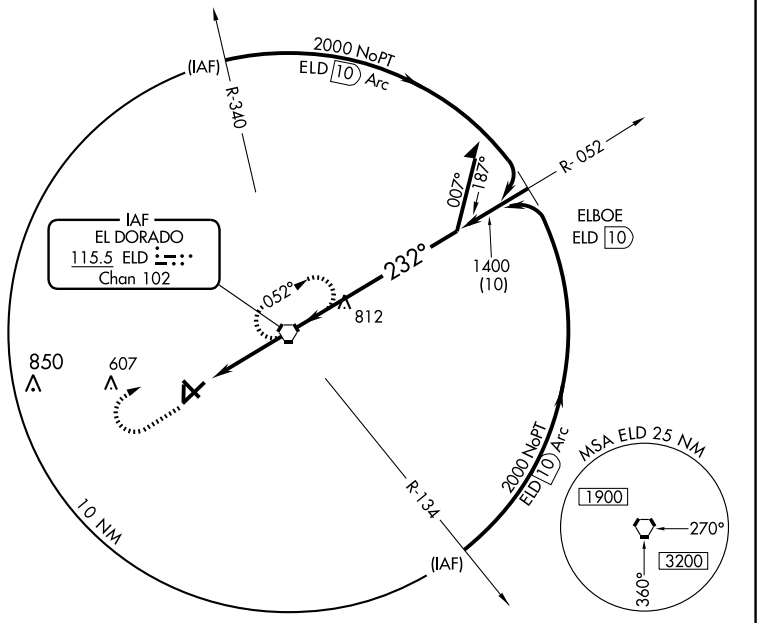
EL DORADO/ SOUTH ARKANSAS RGNL AT GOODWIN FIELD (ELD)

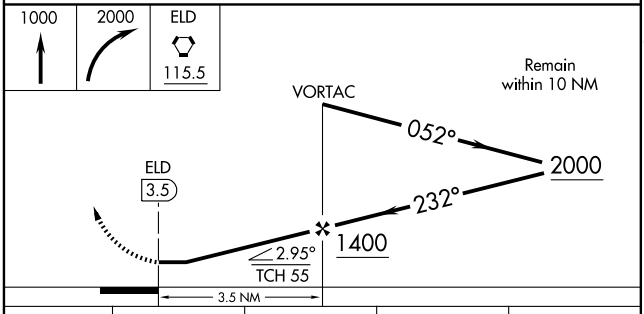
When local altimeter setting not received, procedure not authorized. For inoperative MALSR, increase S-22 Cat D visibility to 1¼.

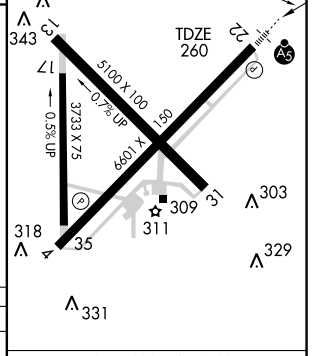
MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct ELD VORTAC and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	128.2 269.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-22	660-½ 400 (400-½)			660-1 400 (400-1)
CIRCLING	740-1 463 (500-1)		740-1½ 463 (500-1½)	840-2 563 (600-2)

FAF to MAP 3.5 NM

Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

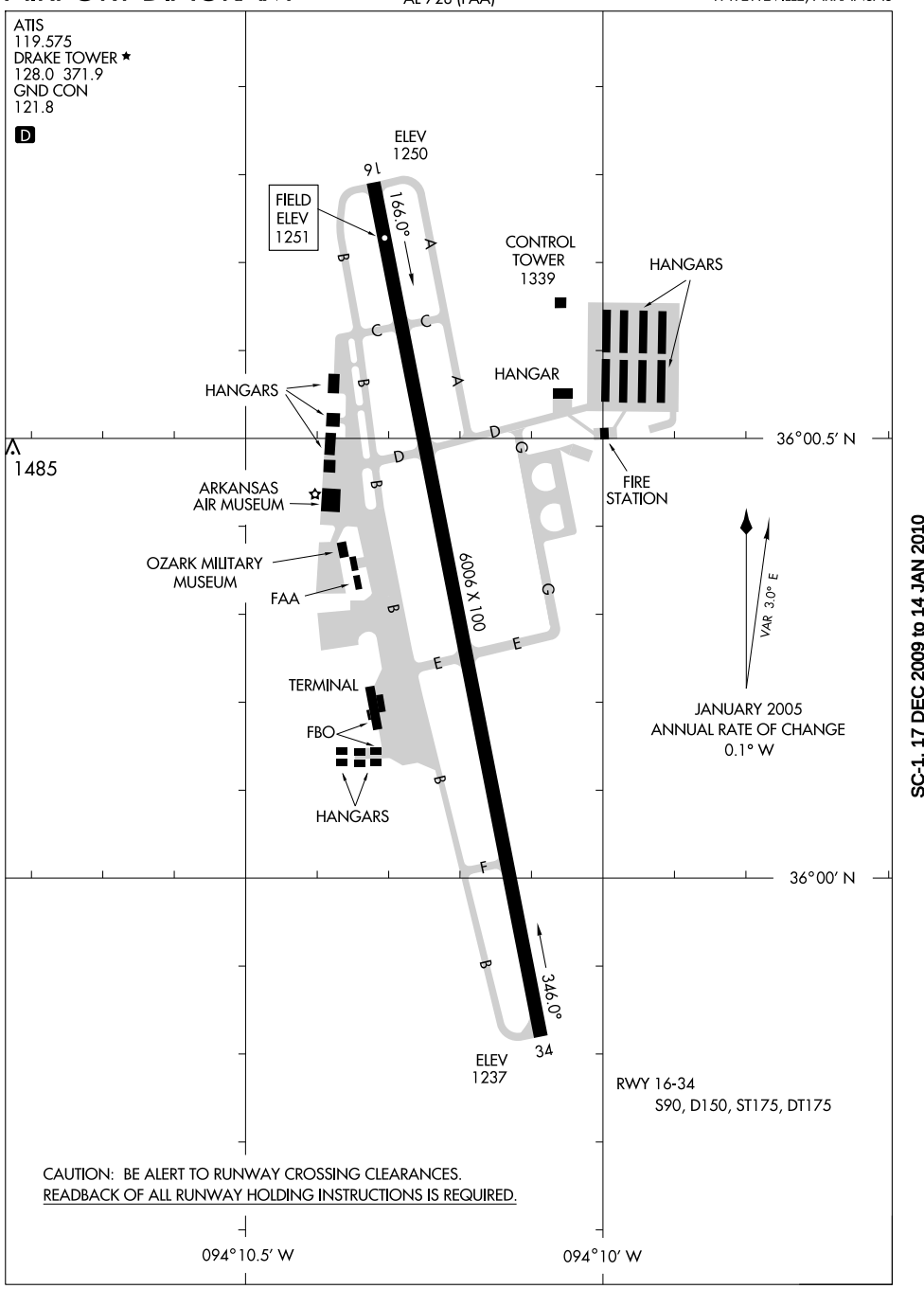
SC-1, 17 DEC 2009 to 14 JAN 2010

09015

AIRPORT DIAGRAM

AL-728 (FAA)

FAYETTEVILLE/ DRAKE FIELD (FYV)
FAYETTEVILLE, ARKANSAS



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LFH	APP CRS	Rwy Idg	6006
111.9	349°	TDZE	1241
Chan 56		Apt Elev	1251

LDA/DME RWY 34

FAYETTEVILLE/ DRAKE FIELD (FYV)

ASR

Glideslope provided by standard glideslope equipment. Circling NA east of Rwy 16-34. Inoperative table does not apply. Visibility reduction by helicopters NA. When local altimeter setting not received, use Springdale altimeter setting and increase all DA/MDA 40 feet.

ODALS

MISSED APPROACH: Climb to 2200 then climbing left turn to 4000 via heading 245° and DAK R-246 to SUMMO Int and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) L 371.9	121.8

RAZORBACK 116.4 RZC Chan 111

4500 to Trium 181° (19.8)

ALTERNATE MISSED APCH FIX

R-221 RZC 116.4 Chan 111

R-246 DAK 108.8 Chan 25

066° 246° R-340 FSM 110.4 Chan 41

SUMMO DAK 12.4

1625±

1760 1849

DRAKE 108.8 DAK Chan 25

10 NM

R-221 R-246

041° 221°

2017 1697 2333 1859

1399±

IVOYI I-LFH 0.3

LOCALIZER 111.9 I-LFH Chan 56

SUMMO RZC 22.1

R-340

2029 1699±

OLEXE I-LFH 2.6

(IAF) TRIUM I-LFH 4.6

2503

2223 2351

349°

AWEMO I-LFH 7

2456

2202 3049

4000 NoPT 349° (5.1)

3449

MSA DAK 25 NM

3600

270°

4500

360°

214° 034°

(IF/IAF) GERTE I-LFH 12.1

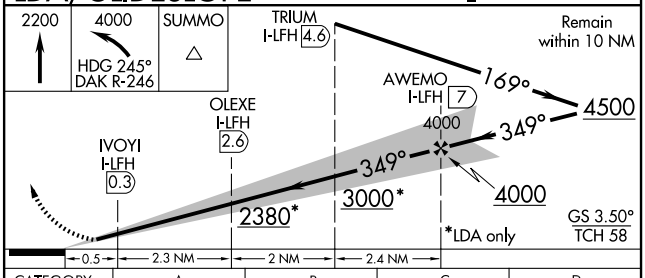
Final approach course (offset 5.5°) intersects runway centerline at Rwy 34 threshold.

FORT SMITH 110.4 FSM Chan 41

4000 to Gerte 007° (25.1)

169°

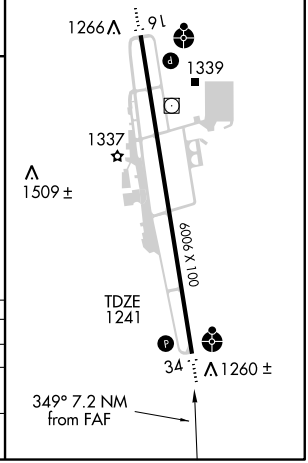
LDA/GLIDESLOPE



CATEGORY	A	B	C	D
S-LDA/GS 34	1589-1¼ 348 (400-1¼)			NA
S-LDA 34	2000-1¼ 759 (800-1¼)	2000-1½ 759 (800-1½)	2000-2½ 759 (800-2½)	NA
CIRCLING	2000-1¼ 749 (800-1¼)	2000-1½ 749 (800-1½)	2000-2½ 749 (800-2½)	NA

ELEV 1251 MIRL Rwy 16-34

D



SC-1, 17 DEC 2009 to 14 JAN 2010

FAYETTEVILLE, ARKANSAS AL-728 (FAA)

LOC/DME I-FYV	APP CRS	Rwy Idg	6006
111.9	164°	TDZE	1251
Chan 56		Apt Elev	1251

LOC RWY 16

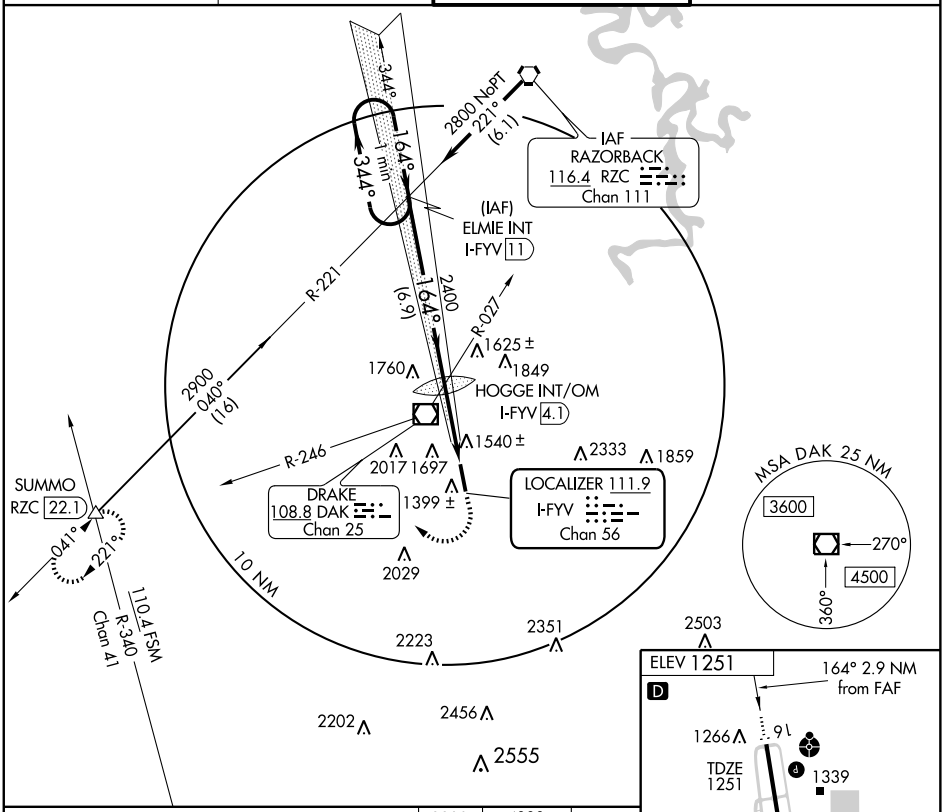
FAYETTEVILLE/ DRAKE FIELD (FYV)

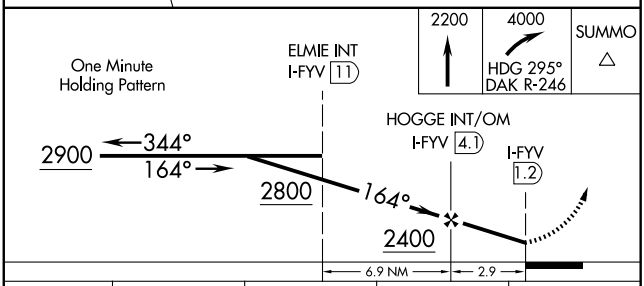
Circling not authorized east of Rwy 16-34.
Inoperative table does not apply.
ASR

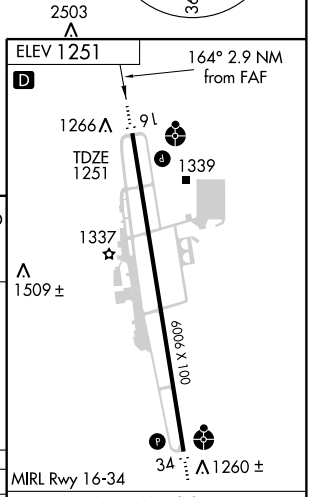
ODALS

MISSED APPROACH: Climb to 2200 then climbing right turn to 4000 via heading 295° and DAK R-246 to SUMMO Int and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) L 371.9	121.8







CATEGORY	A	B	C	D
S-16	1760-1	509 (600-1)	1760-1½	509 (600-1½)
CIRCLING	2000-1	2000-1¼	2000-2¼	2300-3
	749 (800-1)	749 (800-1¼)	749 (800-2¼)	1049 (1100-3)

FAF to MAP 2.9 NM

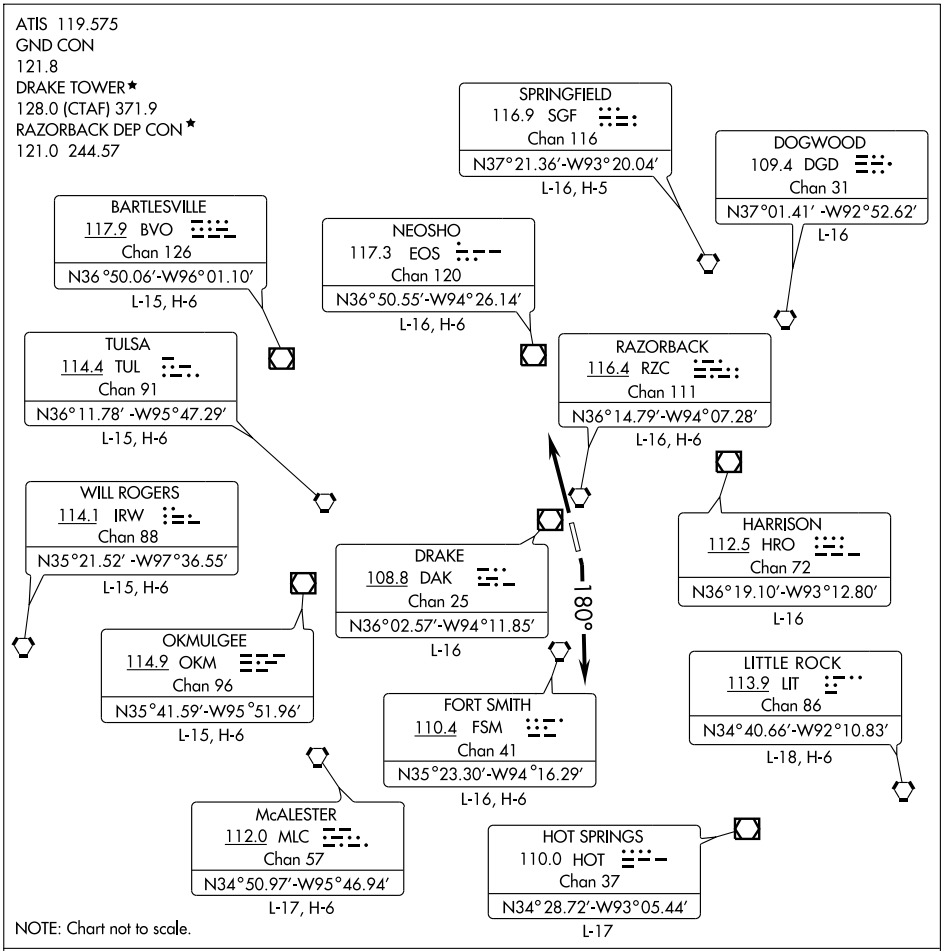
Knots	60	90	120	150	180
Min:Sec	2:54	1:56	1:27	1:10	0:58

SC-1, 17 DEC 2009 to 14 JAN 2010

RAZORBACK ONE DEPARTURE

SL-728 (FAA)

FAYETTEVILLE, ARKANSAS



DEPARTURE ROUTE DESCRIPTION

All aircraft cleared as filed.

TAKE-OFF RUNWAY 16: Climbing right turn heading 180°. Thence . . . .

TAKE-OFF RUNWAY 34: Fly runway heading. Thence . . . .

. . . . Expect radar vectors to filed/assigned route. Climb and maintain 5,000 feet or lower assigned altitude. Expect clearance to filed altitude/flight level ten minutes after departure.

LOST COMMUNICATIONS: If communications are not established within 2 minutes after departure, climb and maintain 5,000 feet; leaving 3,500 feet proceed direct DAK VOR/DME, then proceed on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6006
164°	TDZE	1251
	Apt Elev	1251

RNAV (GPS) RWY 16

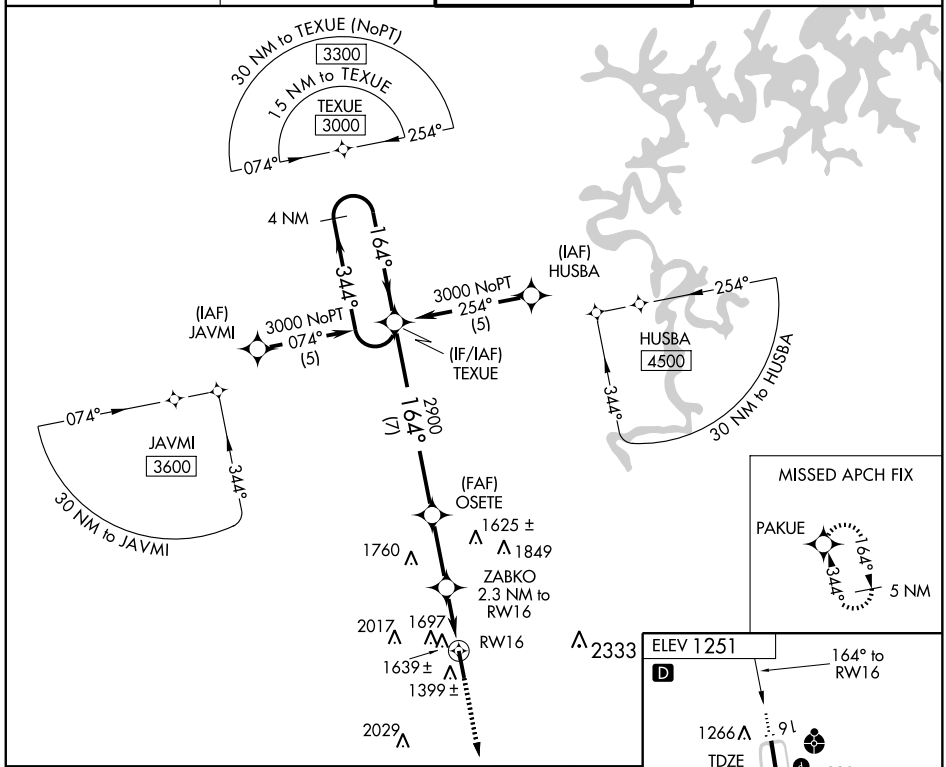
FAYETTEVILLE/ DRAKE FIELD (FYV)

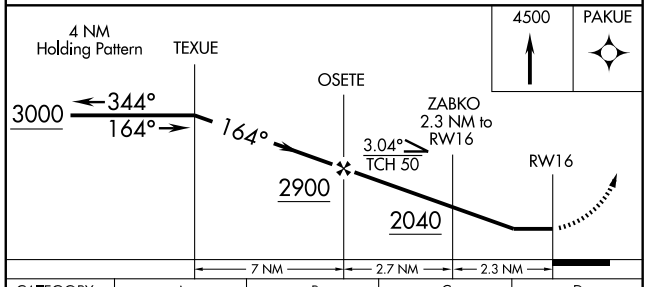
ASR ▼ ▲ Inoperative table does not apply. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Springdale altimeter setting and increase all MDA 40 feet. Increase LNAV Cat C/D visibility ¼ mile. Circling NA east of Rwy 16-34.

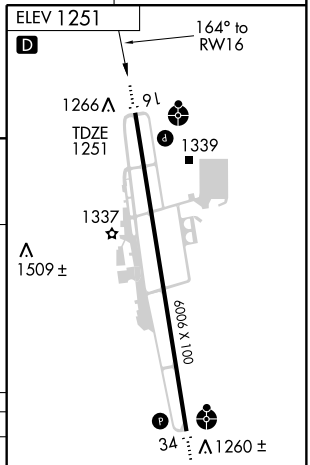
ODALS

MISSED APPROACH: Climb to 4500 direct PAKUE and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) L 371.9	121.8







CATEGORY	A	B	C	D
LNAV MDA	1920-1 669 (700-1)		1920-1¾ 669 (700-1¾)	1920-2 669 (700-2)
CIRCLING	2000-1 749 (800-1)	2000-1¼ 749 (800-1¼)	2000-2¼ 749 (800-2¼)	2260-3 1009 (1100-3)

MIRL Rwy 16-34

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
344°	Rwy Idg	6006
	TDZE	1241
	Apt Elev	1251

RNAV (GPS) RWY 34

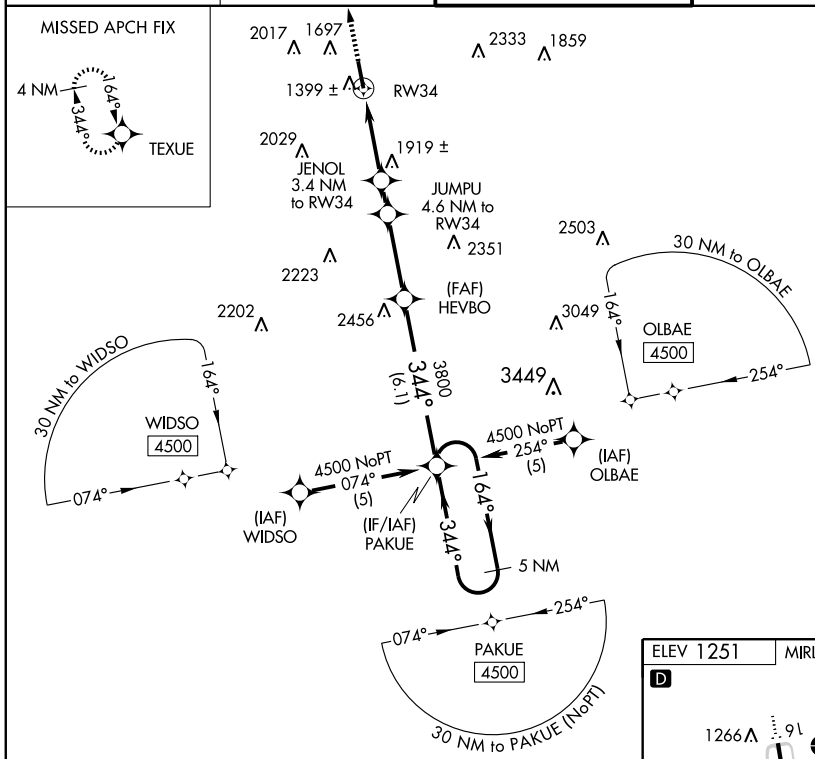
FAYETTEVILLE/ DRAKE FIELD (FYV)

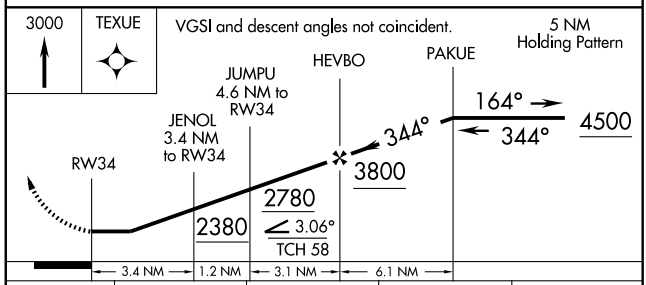
T A ASR Inoperative table does not apply. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling NA East Rwys 16-34. When local altimeter setting not received, use Springdale altimeter setting and increase all MDA 40 feet and LNAV and circling Cat C visibility ¼ mile.

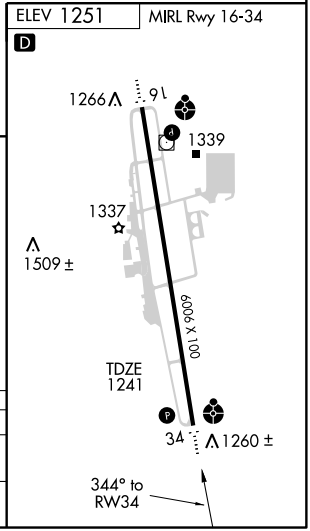
ODALS

MISSED APPROACH: Climb to 3000 direct TEXUE and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) 371.9	121.8







CATEGORY	A	B	C	D
LNAV MDA	2180-1¼	939 (1000-1¼)	2180-2¾ 939 (1000-2¾)	2180-3 939 (1000-3)
CIRCLING	2180-1¼	929 (1000-1¼)	2180-2¾ 929 (1000-2¾)	2260-3 1009 (1100-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME DAK	APP CRS	Rwy Idg	N/A
108.8	139°	TDZE	N/A
Chan 25		Apt Elev	1251

VOR-A

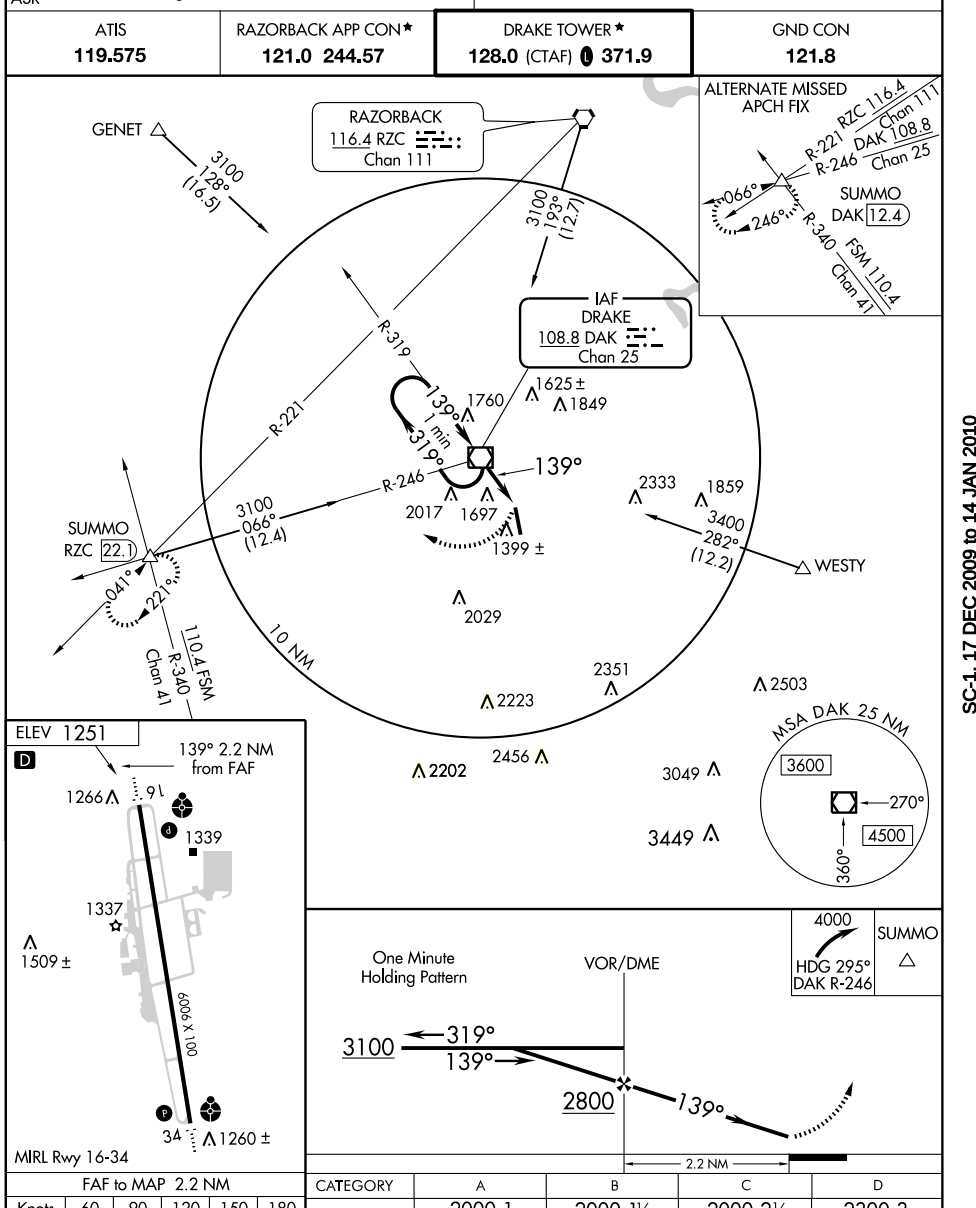
FAYETTEVILLE/DRAKE FIELD (FYV)

ASR

Circling NA east of Rwy 16-34. When local altimeter setting not received, use Springdale altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climbing right turn to 4000 via heading 295° and DAK R-246 to SUMMO Int and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) 371.9	121.8



FAF to MAP 2.2 NM					
Knots	60	90	120	150	180
Min:Sec	2:12	1:28	1:06	0:53	0:44

CATEGORY	A	B	C	D
CIRCLING	2000-1 749 (800-1)	2000-1¼ 749 (800-1¼)	2000-2¼ 749 (800-2¼)	2300-3 1049 (1100-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME DAK 108.8 Chan 25	APP CRS 325°	Rwy Idg N/A TDZE N/A Apt Elev 1251

VOR/DME-B

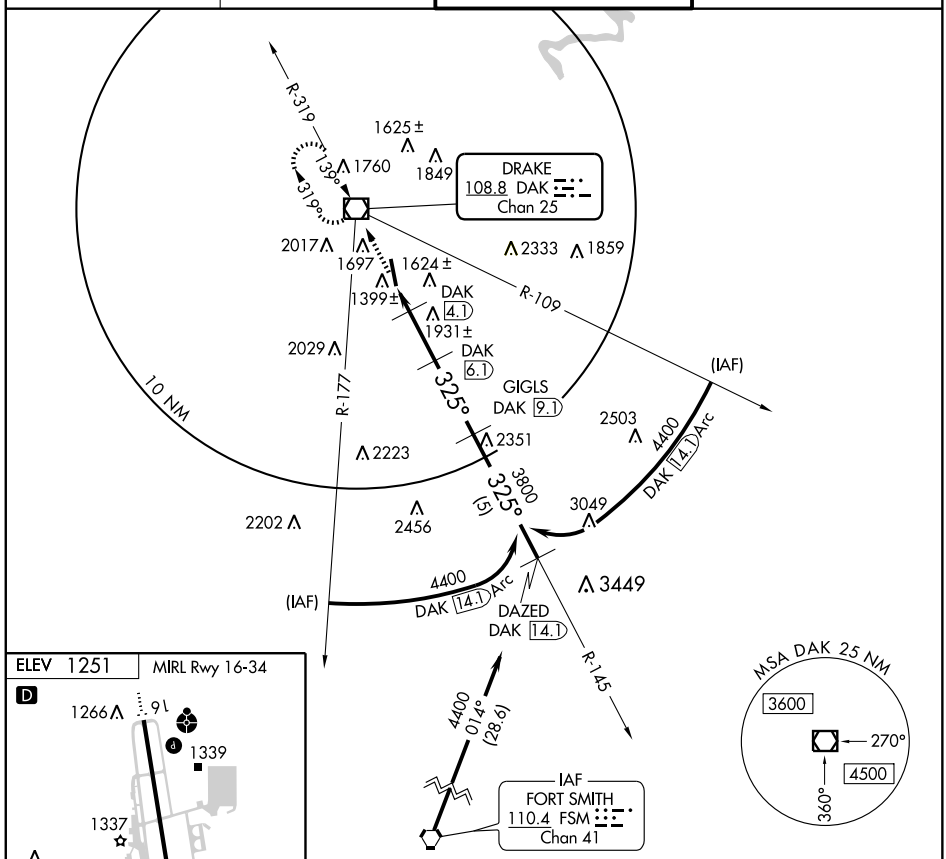
FAYETTEVILLE/ DRAKE FIELD (FYV)

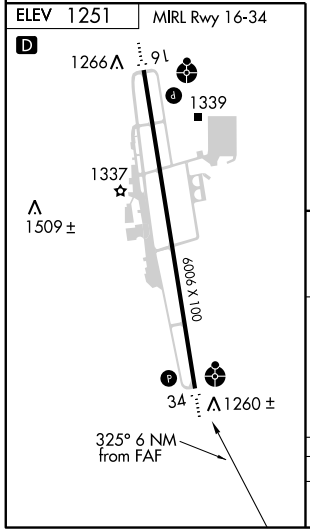
ASR

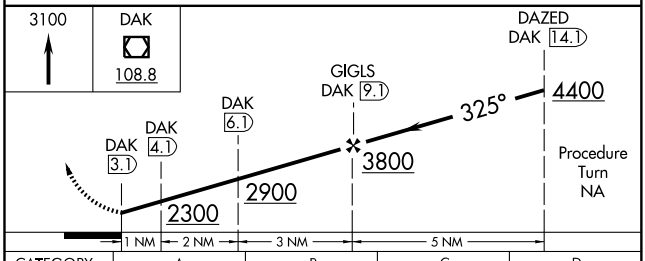
Circling not authorized east of Rwy 16-34.

MISSED APPROACH: Climb to 3100 direct DAK VOR/DME and hold.

ATIS	RAZORBACK APP CON★	DRAKE TOWER★	GND CON
119.575	121.0 244.57	128.0 (CTAF) Ⓞ 371.9	121.8







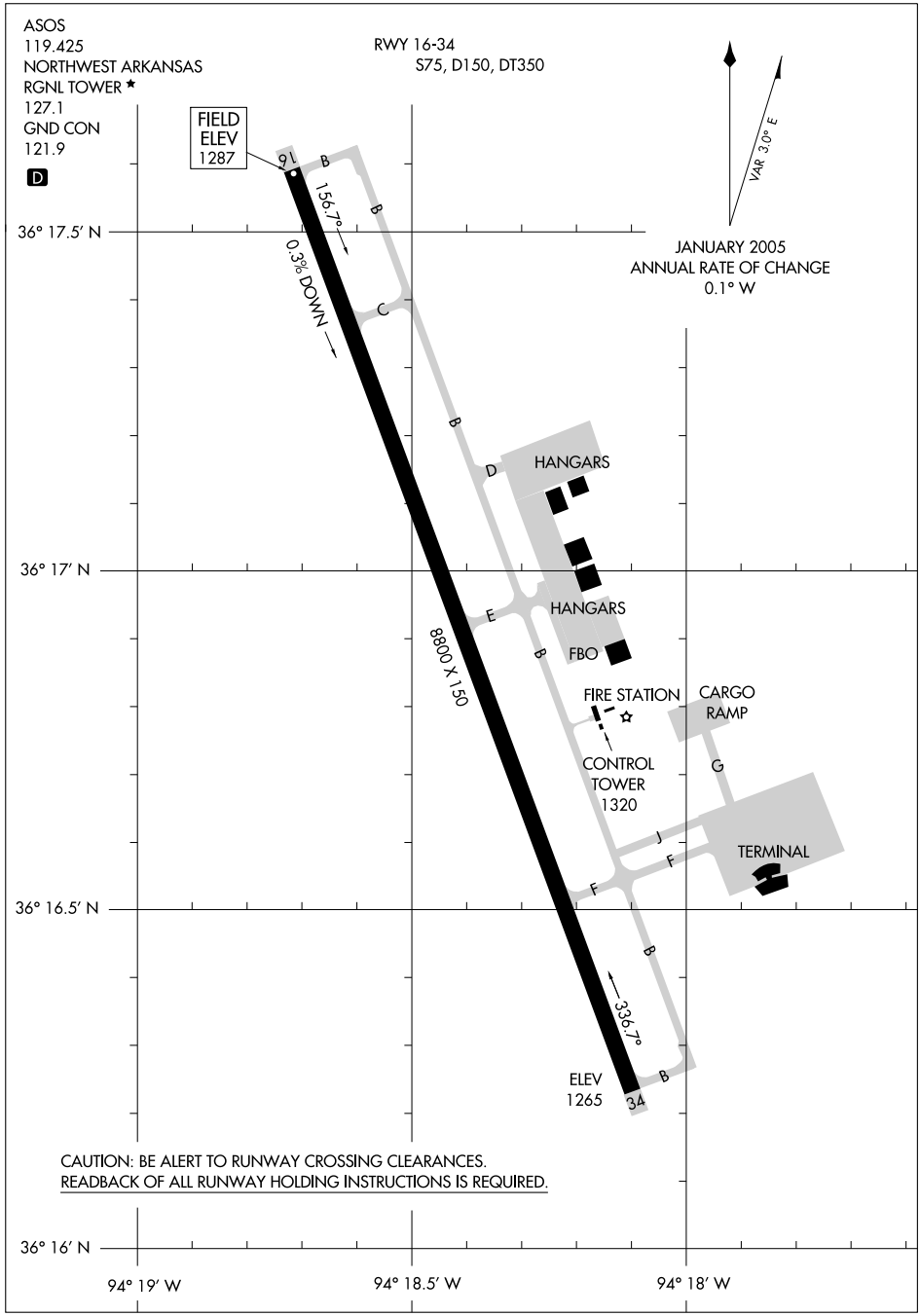
CATEGORY	A	B	C	D
CIRCLING	2000-1 749 (800-1)	2000-1¼ 749 (800-1¼)	2000-2¼ 749 (800-2¼)	2300-3 1049 (1100-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

09183

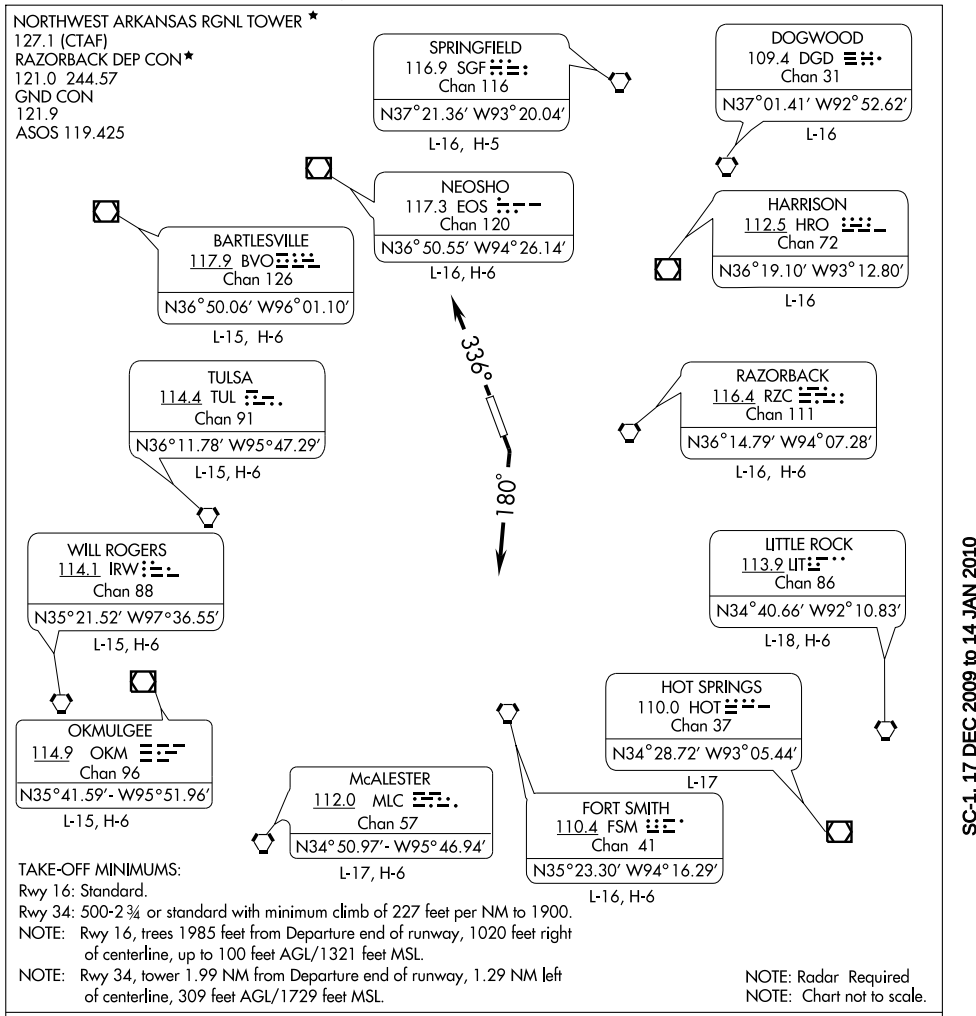
AIRPORT DIAGRAM

FAYETTEVILLE/ NORTHWEST ARKANSAS RGNL (XNA)
AL-9274 (FAA) FAYETTEVILLE/SPRINGDALE/ROGERS, ARKANSAS



SC-1, 17 DEC 2009 to 14 JAN 2010

HIGHFILL THREE DEPARTURE



TAKE-OFF MINIMUMS:
Rwy 16: Standard.
Rwy 34: 500-2¾ or standard with minimum climb of 227 feet per NM to 1900.
NOTE: Rwy 16, trees 1985 feet from Departure end of runway, 1020 feet right of centerline, up to 100 feet AGL/1321 feet MSL.
NOTE: Rwy 34, tower 1.99 NM from Departure end of runway, 1.29 NM left of centerline, 309 feet AGL/1729 feet MSL.

NOTE: Radar Required
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

ALL AIRCRAFT CLEARED AS FILED.

TAKE-OFF RUNWAY 16: Climbing right turn via heading 180° . Thence. . .

TAKE-OFF RUNWAY 34: Fly via heading 336°. Thence. . .

. . . . Expect radar vectors to filed/assigned route. Climb and maintain 5,000 feet or other assigned altitude. Expect filed altitude ten minutes after departure.

LOST COMMUNICATION PROCEDURES: If communications are not established within 2 minutes after departure, climb and maintain 5,000 feet and proceed direct RZC VORTAC, then proceed on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-XNA	APP CRS	Rwy Idg	8800
110.55	156°	TDZE	1287
Chan 42 (Y)		Apt Elev	1287

ILS or LOC/DME RWY 16

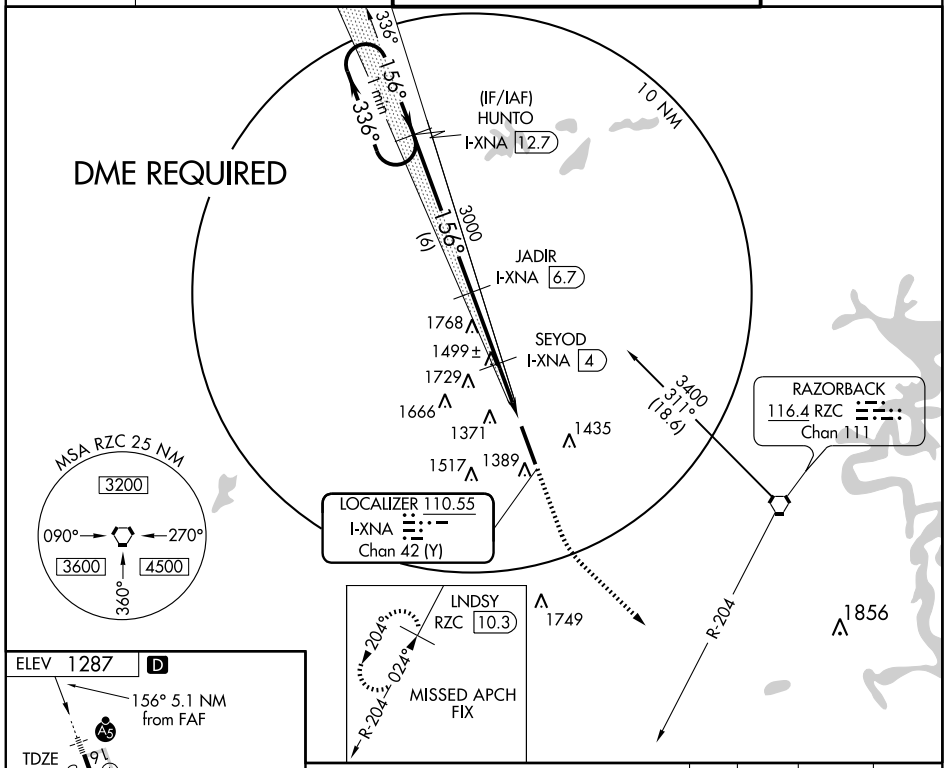
FAYETTEVILLE/ NORTHWEST ARKANSAS RGNL (XNA)

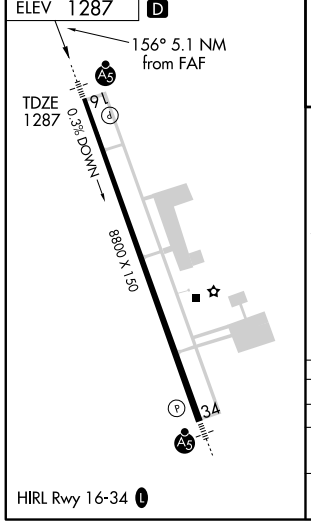
▼ If local altimeter setting not received, use Smith Field altimeter setting and increase all DAs 38 feet and all MDAs 40 feet.
▲ VDP NA when using Smith Field altimeter setting.

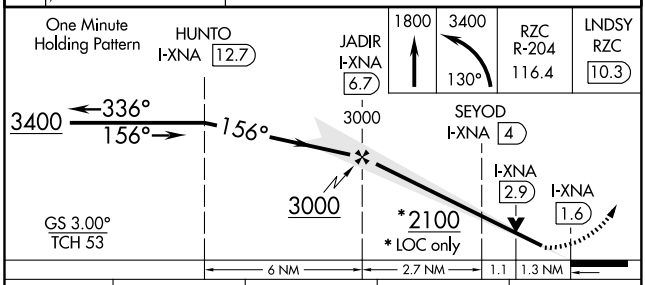
MALSR

MISSED APPROACH: Climb to 1800 then climbing left turn to 3400 via heading 130° and RZC VORTAC R-204 to LNDSY/RZC 10.3 DME and hold.

ASOS	RAZORBACK APP CON ★	NORTHWEST ARKANSAS RGNL TOWER ★	GND CON
119.425	121.0 244.57	127.1 (CTAF) L	121.9







CATEGORY	A	B	C	D
S-ILS 16	1487/24 200 (200-½)			
S-LOC 16	1760/24 473 (500-½)		1760/40 473 (500-¾)	1760/50 473 (500-1)
CIRCLING	1760-1 473 (500-1)		1760-1½ 473 (500-1½)	1840-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-FBS	APP CRS	Rwy Idg	8800
110.55	336°	TDZE	1273
Chan 42 (Y)		Apt Elev	1287

ILS or LOC/DME RWY 34

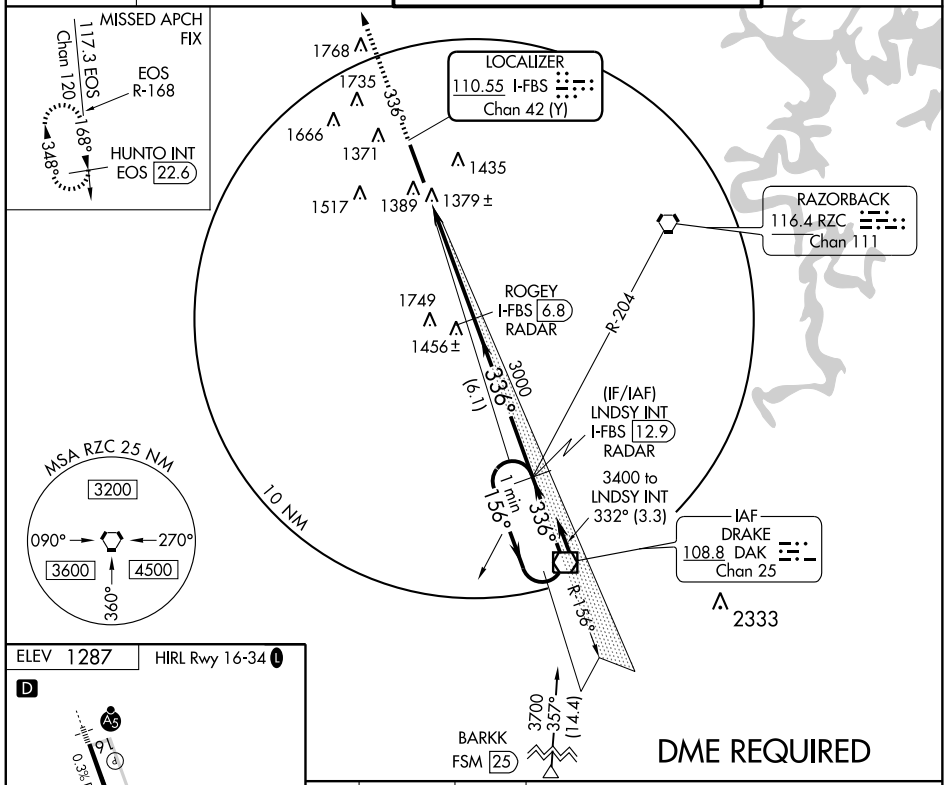
FAYETTEVILLE/NORTHWEST ARKANSAS RGNL (XNA)

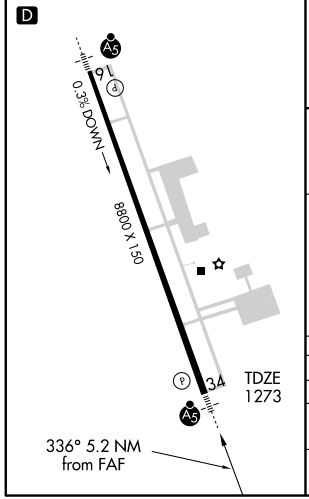
VDP NA when using Smith Field altimeter setting.
*RVR 1800 authorized with the use of FD or AP or HUD to DA.
When local altimeter setting not received, use Smith Field altimeter setting and increase all DA/MDA 40 feet, and increase S-LOC 34 Cat C visibility ¼ mile.

MALSR

MISSED APPROACH:
Climb to 3400 via heading 336° and EOS R-168 to HUNTO INT/EOS 22.6 DME and hold.

ASOS	RAZORBACK APP CON *	NORTHWEST ARKANSAS RGNL TOWER *	GND CON
119.425	121.0 244.57	127.1 (CTAF) L	121.9





CATEGORY	A	B	C	D
S-ILS 34	*1473/24 200 (200-½)			
S-LOC 34	1640/24 367 (400-½)			1640/40 367 (400-¾)
CIRCLING	1720-1 433 (500-1)	1740-1 453 (500-1)	1740-1½ 453 (500-1½)	1840-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 72899 W16A	APP CRS 156°	Rwy Idg 8800 TDZE 1287 Apt Elev 1287

RNAV (GPS) RWY 16

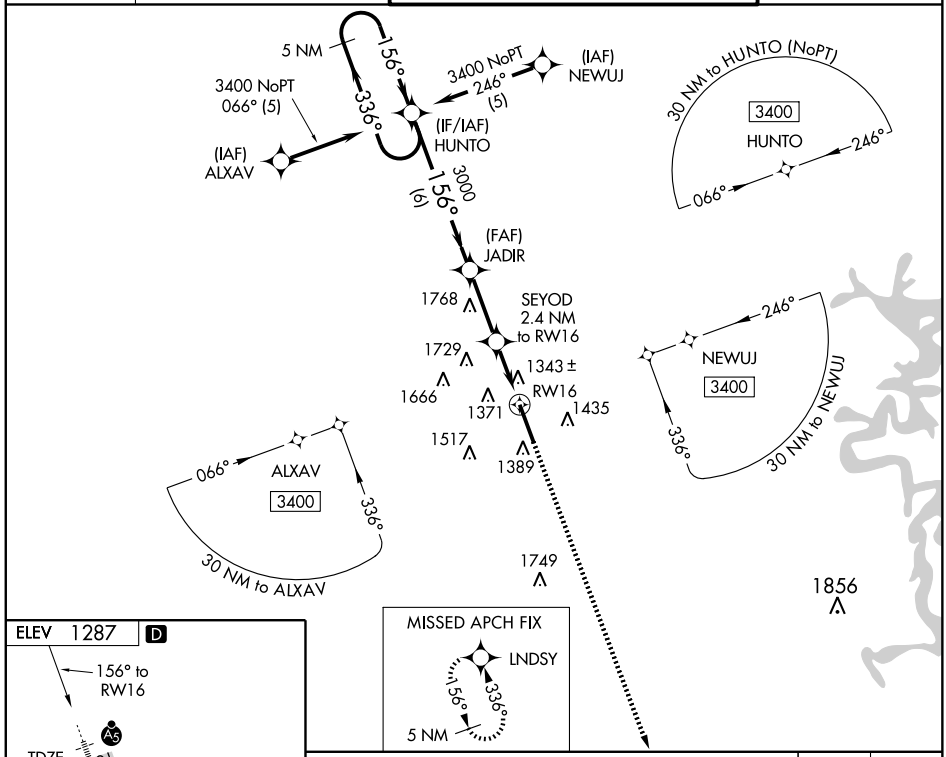
FAYETTEVILLE/ NORTHWEST ARKANSAS RGNL (XNA)

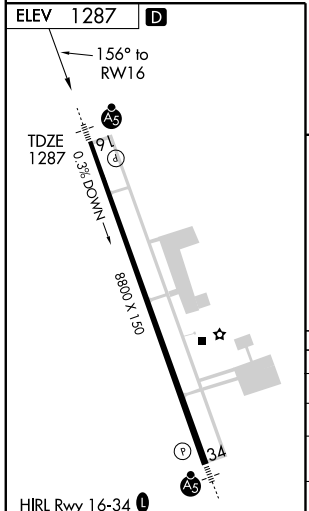
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 17°C (2°F) or above 46°C (114°F). If local altimeter setting not received, use Smith Field altimeter setting and increase all DAs 38 feet and all MDAs 40 feet. Baro-VNAV NA and VDP NA when using Smith Field altimeter setting.

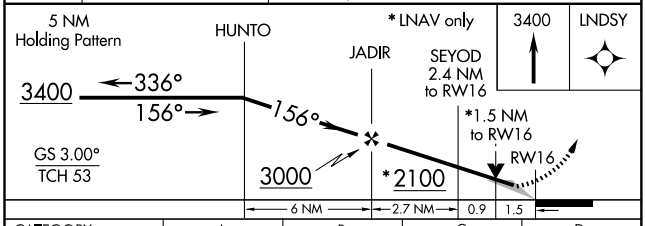
MALSR

MISSED APPROACH: Climb to 3400 direct LNDSY and hold.

ASOS	RAZORBACK APP CON ★	NORTHWEST ARKANSAS RGNL TOWER ★	GND CON
119.425	121.0 244.57	127.1 (CTAF) L	121.9







CATEGORY	A	B	C	D
LPV DA	1537/24 250 (300-½)			
LNAV/VNAV DA	1693/50 406 (500-1)			
LNAV MDA	1800/24 513 (600-½)		1800/50 513 (600-1)	1800/60 513 (600-1¼)
CIRCLING	1800-1 513 (600-1)		1800-1½ 513 (600-1½)	1840-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 78299 W34A	APP CRS 336°	Rwy Idg 8800 TDZE 1273 Apt Elev 1287

RNAV (GPS) RWY 34

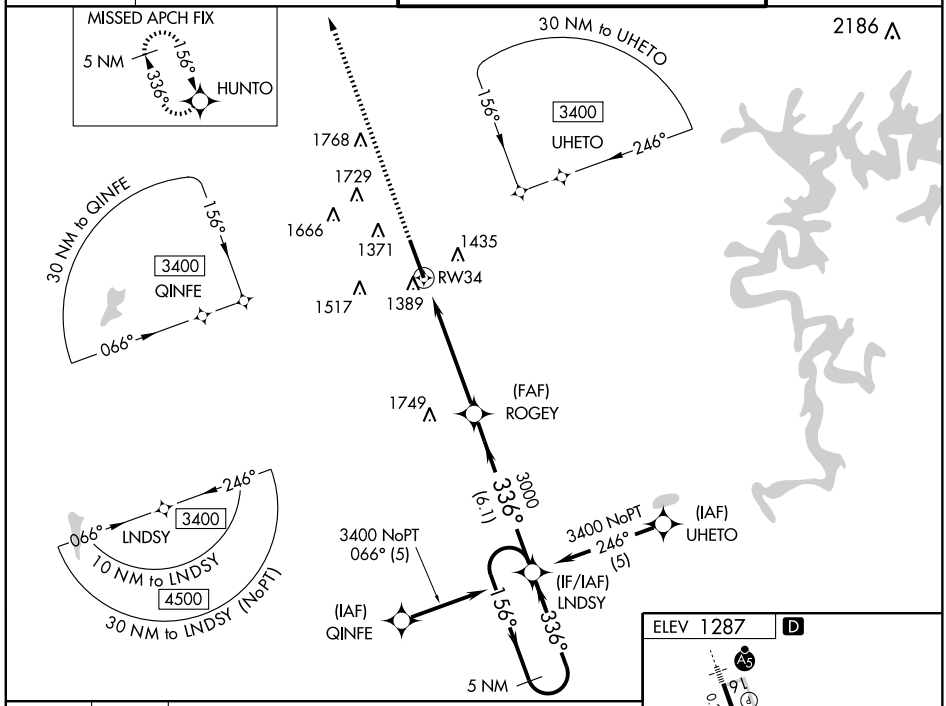
FAYETTEVILLE/ NORTHWEST ARKANSAS RGNL (XNA)

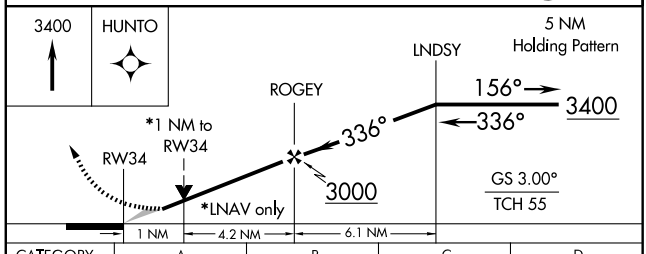
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (115°F). For inoperative MALSR, increase LPV all Cats visibility to RVR 4000 and LNAV Cat D to RVR 6000. If local altimeter setting not received, use Smith Field altimeter setting and increase all DAs/MDAs 40 feet. VDP and Baro-VNAV NA when using Smith Field altimeter setting.

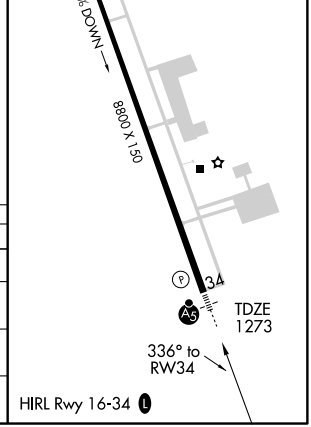
MALSR

MISSED APPROACH: Climb to 3400 direct HUNTO and hold

ASOS 119.425	RAZORBACK APP CON ★ 121.0 244.57	NORTHWEST ARKANSAS RGNL TOWER ★ 127.1 (CTAF) L	GND CON 121.9







CATEGORY	A	B	C	D
LPV DA	1523/24 250 (300-½)			
LNAV/VNAV DA	1639/40 366 (400-¾)			
LNAV MDA	1640/24 367 (400-½)			1640/50 367 (400-1)
CIRCLING	1720-1¼ 433 (500-1¼)	1740-1¼ 453 (500-1¼)	1740-1½ 453 (500-1½)	1840-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

FLIPPIN, ARKANSAS

AL-5003 (FAA)

APP CRS	Rwy Idg	5000
048°	TDZE	719
	Apt Elev	719

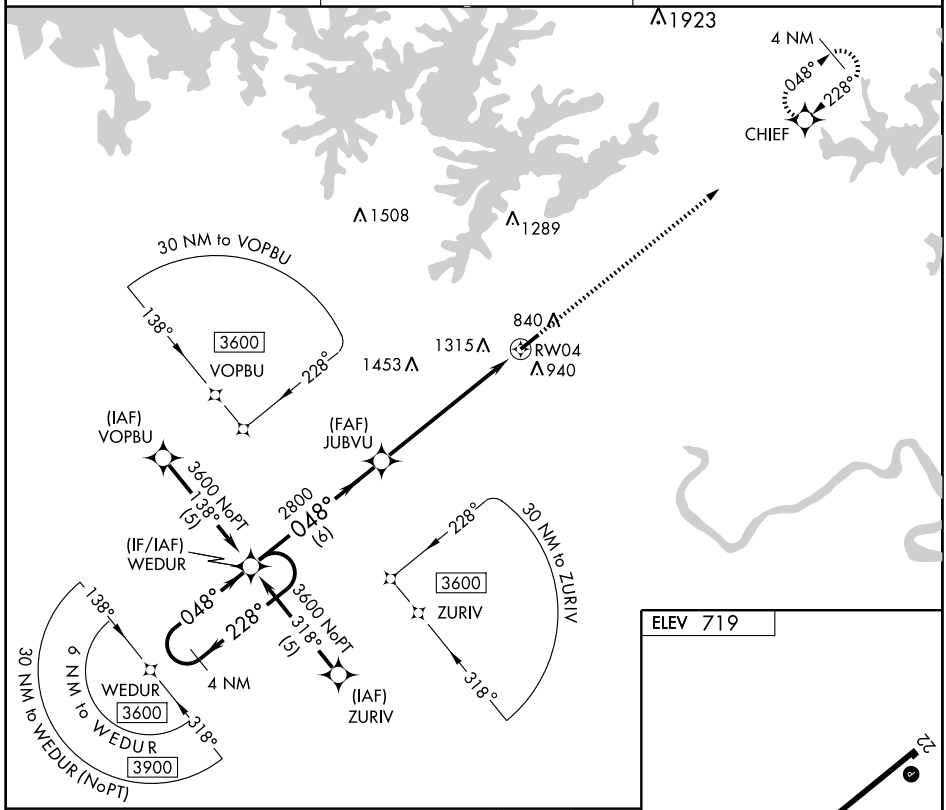
RNAV (GPS) RWY 4

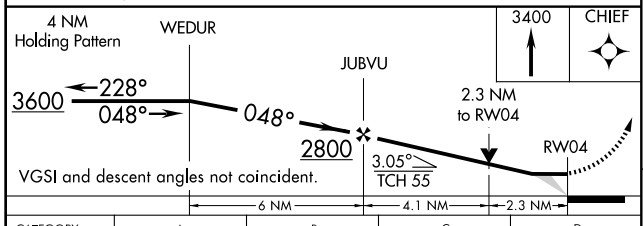
FLIPPIN/MARION COUNTY RGNL (FLP)

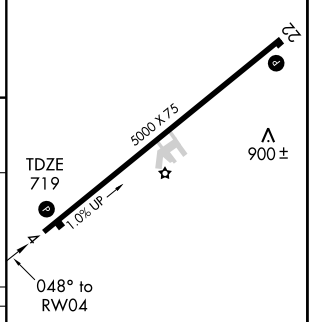
Circling NA north of Rwy 04-22. DME/DME RNP -0.3 NA. When local altimeter setting not received, use Mountain Home altimeter setting and increase all MDA 60 feet, increase LNAV and circling Cats A and C visibility ¼ mile. VDP NA when using Mountain Home altimeter setting.

MISSED APPROACH: Climb to 3400 direct CHIEF and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
132.075	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1580-1 861 (900-1)	1580-1¼ 861 (900-1¼)	1580-2½ 861 (900-2½)	NA
CIRCLING	1580-1 861 (900-1)	1580-1¼ 861 (900-1¼)	1580-2½ 861 (900-2½)	NA

MIRL Rwy 4-22 L

REIL Rwys 4 and 22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
228°	TDZE	719
	Apt Elev	719

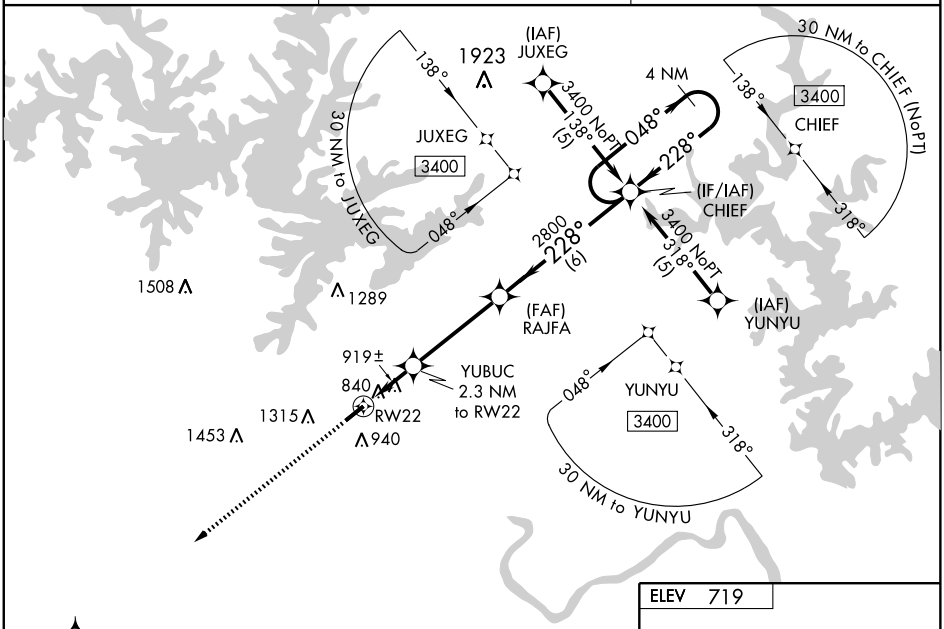
RNAV (GPS) RWY 22

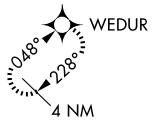
FLIPPIN/ MARION COUNTY RGNL (FLP)

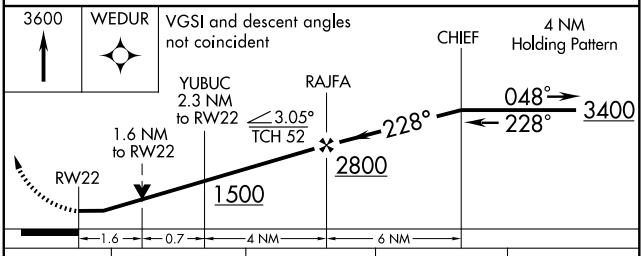
DME/DME RNP -0.3 NA. Circling NA north of Rwy 04-22. Visibility reduction by helicopters NA. When local altimeter setting not received, use Mountain Home altimeter setting and increase all MDAs 60 feet, increase LNAV and circling Cat C visibility ¼ mile. VDP NA when using Mountain Home altimeter setting.

MISSED APROACH: Climb to 3600 direct WEDUR and hold.

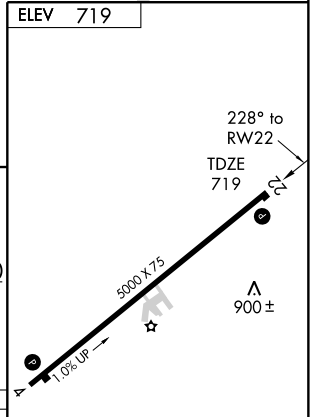
AWOS-3	MEMPHIS CENTER	UNICOM
132.075	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1380-1	661 (700-1)	1380-1¾ 661 (700-1¾)	NA
CIRCLING	1380-1	661 (700-1)	1380-1¾ 661 (700-1¾)	NA



MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME FLP	APP CRS	Rwy Idg	N/A
112.8	263°	TDZE	N/A
Chan 75		Apt Elev	719

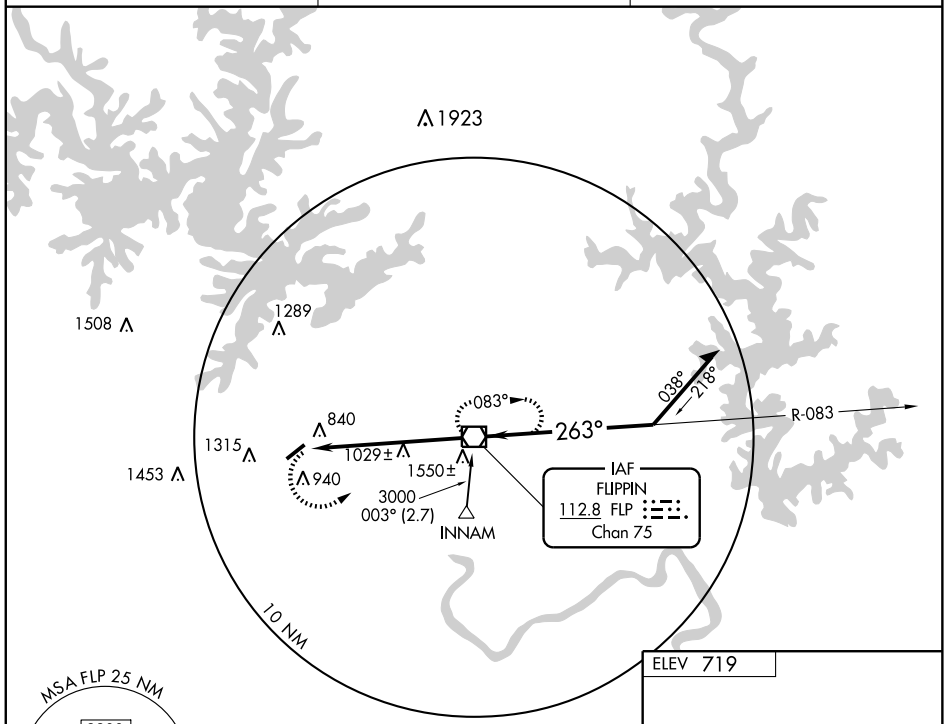
VOR-A

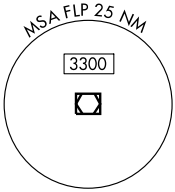
FLIPPIN/ MARION COUNTY RGNL (FLP)

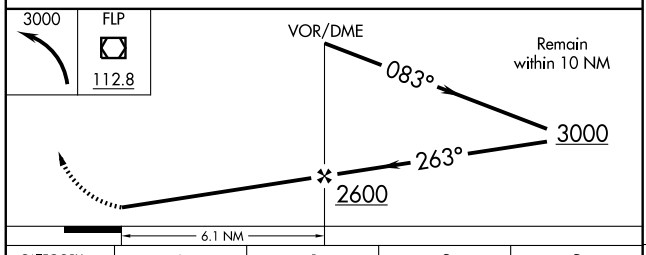
Circling NA north of Rwy 4-22. When local altimeter setting not received, use Mountain Home altimeter setting and increase all MDA 60 feet and Cat C visibility ¼ mile.

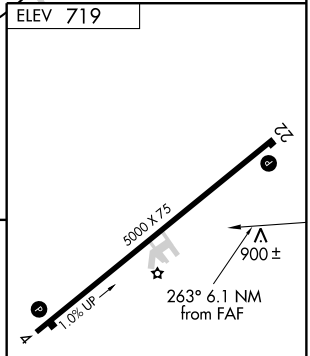
MISSED APPROACH: Climbing left turn to 3000 direct FLP VOR/DME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
132.075	126.85 281.55	123.0 (CTAF) L









MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

CATEGORY	A	B	C	D
CIRCLING	1300-1	581 (600-1)	1300-1½ 581(600-1½)	NA

FAF to MAP 6.1 NM					
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

SC-1, 17 DEC 2009 to 14 JAN 2010

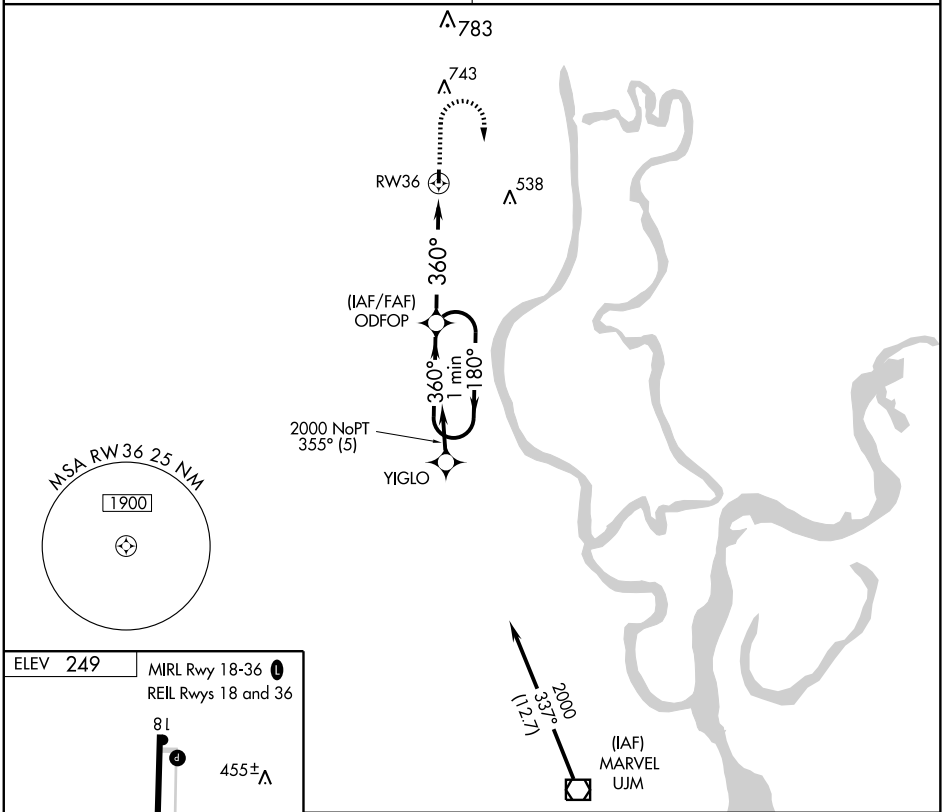
APP CRS	Rwy Idg	3014
360°	TDZE	249
	Apt Elev	249

GPS RWY 36
FORREST CITY MUNI (FCY)

▼ ▲ NA — Use Memphis altimeter setting.

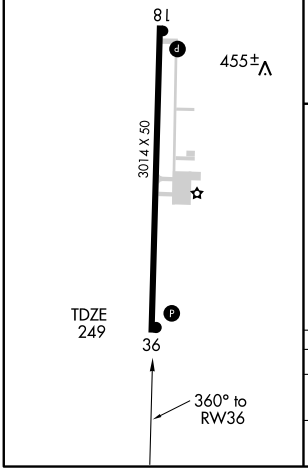
MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct ODFOP WP and hold.

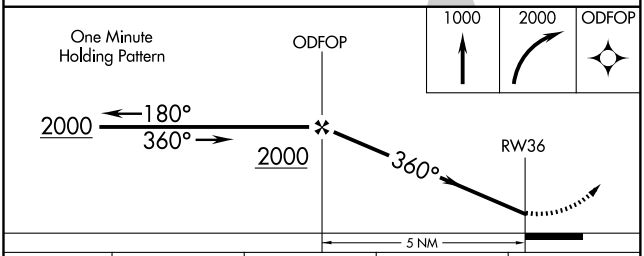
MEMPHIS CENTER	UNICOM
135.3 335.8	122.8 (CTAF) L



ELEV 249

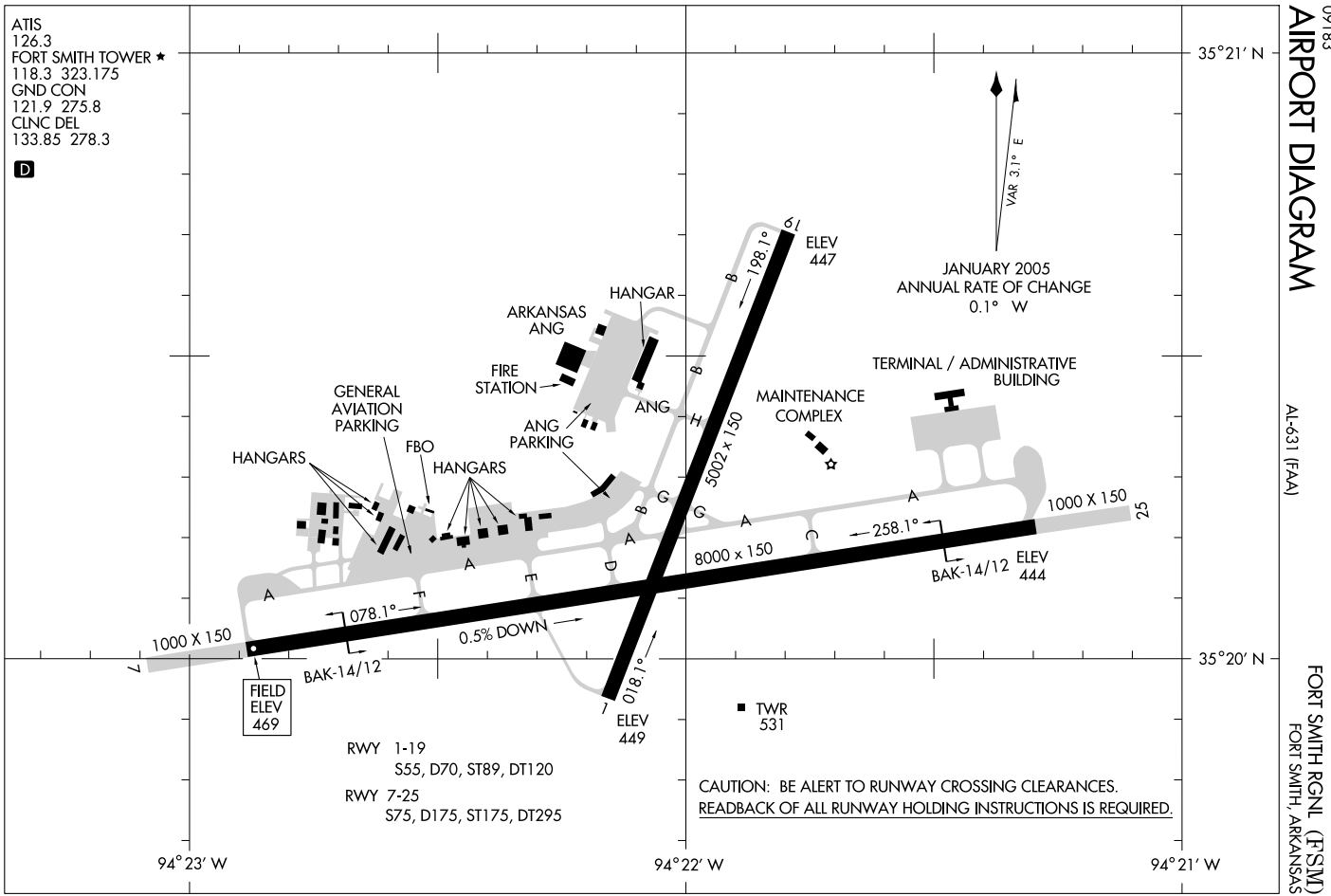
MIRL Rwy 18-36 L
REIL Rwys 18 and 36





CATEGORY	A	B	C	D
S-36	800-1	551 (600-1)	NA	
CIRCLING	920-1	671 (700-1)	NA	

SC-1, 17 DEC 2009 to 14 JAN 2010


ATIS
126.3
FORT SMITH TOWER ★
118.3 323.175
GND CON
121.9 275.8
CLNC DEL
133.85 278.3
D
35°21′ N
35°20′ N
94°23′ W
94°22′ W
94°21′ W
VAR 3.1° E
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W
HANGAR
ARKANSAS ANG
FIRE STATION
ANG
ANG PARKING
GENERAL AVIATION PARKING
FBO
HANGARS
HANGARS
MAINTENANCE COMPLEX
TERMINAL / ADMINISTRATIVE BUILDING
19
198.1°
ELEV 447
5002 x 150
1000 X 150
25
258.1°
8000 x 150
BAK-14/12
ELEV 444
1000 X 150
7
078.1°
0.5% DOWN
BAK-14/12
FIELD ELEV 469
018.1°
1
ELEV 449
TWR 531
RWY 1-19
S55, D70, ST89, DT120
RWY 7-25
S75, D175, ST175, DT295
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

HI-ILS or LOC RWY 25

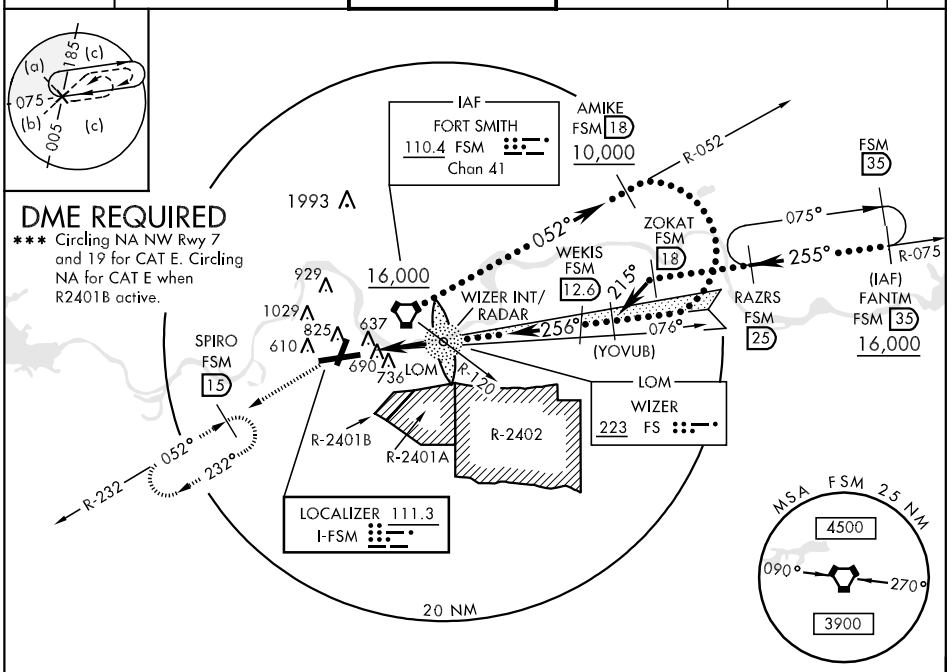
LOC I-FSM	APCH CRS	Rwy ldg / TDZE / Arpt Elev	JAL-631 [USAF]	FORT SMITH REGIONAL (KFSM)
111.3	256°	8000 / 446 / 469		

▼ * When ALS inop, increase CAT E RVR to 40, vis to ¾ mile.
** When ALS inop, increase CAT E vis to 1¾ mile.
▲ NA When control tower closed.

MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 4000 via heading 220° and FSM R-232 to SPIRO 15 DME and hold, continue climb in hold to 4000.

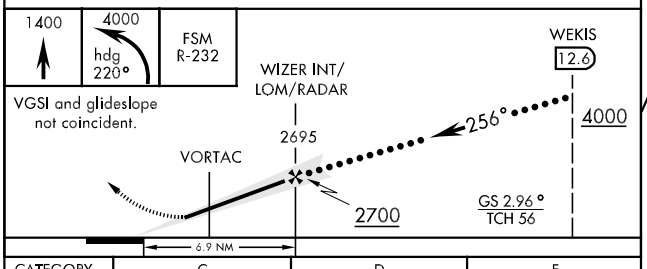
ATIS ★	RAZORBACK APP CON	FORT SMITH TOWER ★	GND CON	CLNC DEL	ASR
126.3	120.9 343.75	118.3 (CTAF) 323.175	121.9 275.8	133.85 278.3	



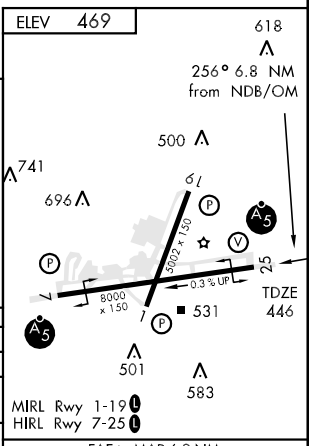
DME REQUIRED

*** Circling NA NW Rwy 7 and 19 for CAT E. Circling NA for CAT E when R2401B active.

EMERG SAFE ALT 100 NM 4500 FROM FSM VORTAC



CATEGORY	C	D	E
S-ILS *	646/24 200 (200-½)		
S-LOC **	960/50 514 (600-1)	960/60 514 (600-1¼)	
*** CIRCLING	1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)
S-ASR 25	1040/50 594 (600-1)	1040/60 594 (600-1¼)	1040-1½ 594 (600-1½)



FAF to MAP 6.9 NM					
Knots	120	140	160	180	200
Min:Sec	3:27	2:57	2:35	2:18	2:04

HI-VOR/DME or TACAN RWY 7

VORTAC FSM	APCH CRS	Rwy ldg	8000
110.4	053°	TDZE	469
Chan 41		Arpt Elev	469

JAL-631 [USAF] — FORT SMITH REGIONAL (KFSM)

▼ * Circling NA NW Rwy 7 and 19 for CAT E.

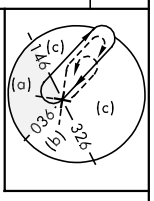
▲ NA When Control Tower closed.

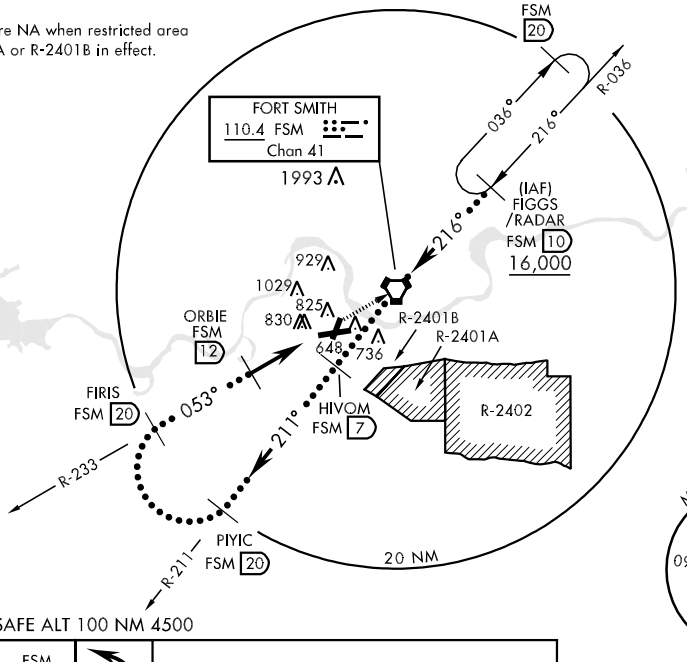
MALSR

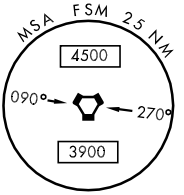
MISSED APPROACH: Climb to 4000 direct FSM VORTAC and via R-036 to FIGGS (FSM R-036/10 DME) and hold.

ATIS ★	RAZORBACK APP CON		FORT SMITH TOWER ★	GND CON	CLNC DEL	ASR
126.3	120.9	343.75	118.3 (CTAF) 323.175	121.9	275.8	133.85 278.3

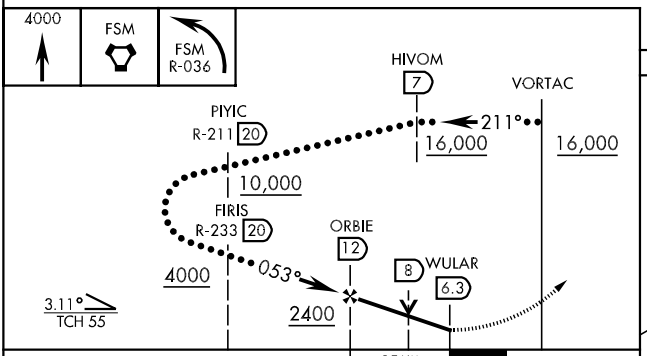
Procedure NA when restricted area R-2401A or R-2401B in effect.

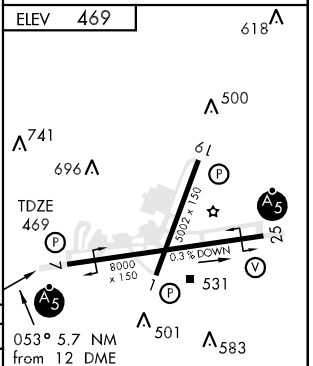






EMERGENCY SAFE ALT 100 NM 4500





CATEGORY	C	D	E
S-7	1080-1¾ 611 (700-1¾)	1080-2 611 (700-2)	1080-2¼ 611 (700-2¼)
CIRCLING *	1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)
S-ASR 7	1200-1½ 731 (800-1½)	1200-1¾ 731 (800-1¾)	1200-2 731 (800-2)

MIRL Rwy 1-19
HIRL Rwy 7-25

HI-VOR/DME or TACAN RWY 25

VORTAC FSM	APCH CRS	Rwy ldg	8000
110.4	226°	TDZE	446
Chan 41		Arpt Elev	469

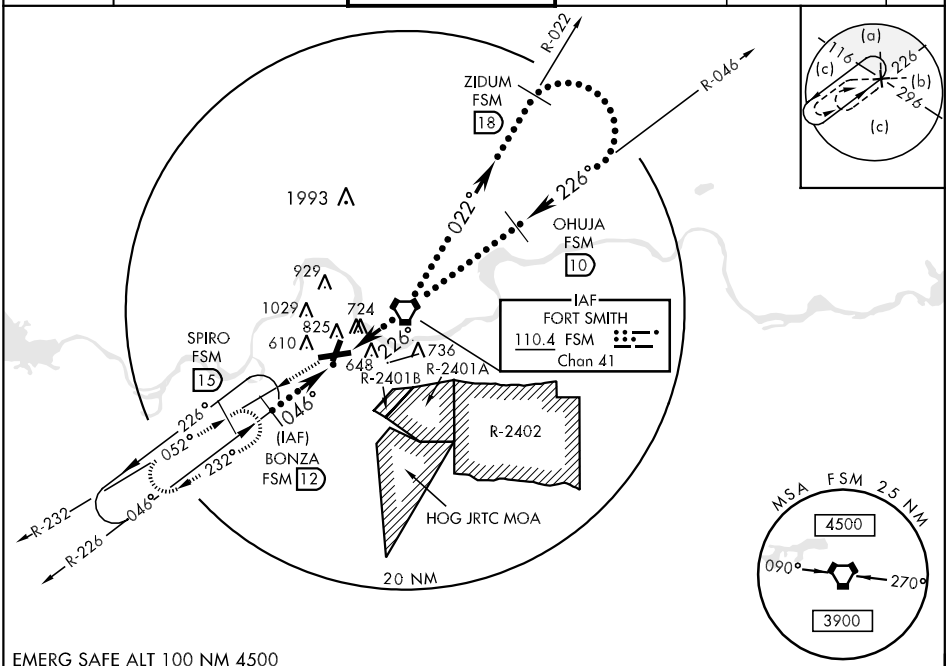
JAL-631 [USAF] — FORT SMITH REGIONAL (KFSM)

* Circling NA NW Rwy 7 and 19 for CAT E.
Circling NA for CAT E when R-2401B is active.
A NA When Control Tower closed.

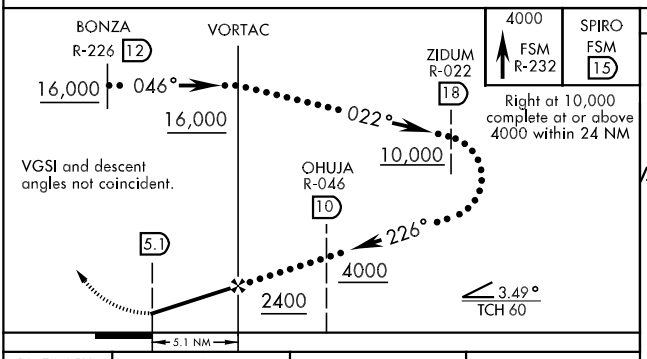
MALSR

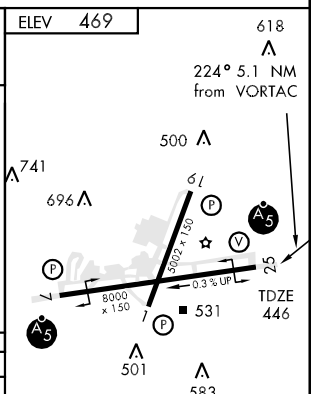
MISSED APPROACH: Climb to 4000 via FSM R-232 to SPIRO (FSM R-232/15 DME) and hold, continue climb in hold to 4000.

ATIS ★	RAZORBACK APP CON		FORT SMITH TOWER ★	GND CON	CLNC DEL	ASR
126.3	120.9	343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	



EMERG SAFE ALT 100 NM 4500





CATEGORY	C	D	E
S-25	980-1½ 534 (600-1½)	980-1¾ 534 (600-1¾)	980-2 534 (600-2)
CIRCLING *	1140-2 671 (700-2)	1140-2 ¼ 671 (700-2¼)	1200-2½ 731 (800-2½)
S-ASR 25	1040/50 594 (600-1)	1040/60 594 (600-1¼)	1040-1½ 594 (600-1½)

MIRL Rwy 1-19 L
HIRL Rwy 7-25 L

LOC I-GKV	APP CRS	Rwy Idg	8000
111.3	076°	TDZE	469
		Apt Elev	469

ILS or LOC RWY 7

FORT SMITH RGNL (FSM)

Circling not authorized NW of Rwys 7 and 19 for Cat. E. Circling to Rwy 1 NA at night. ASR Circling Cat E NA when R-2401B active.

MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 3000 direct FSM VORTAC and hold.(TACAN aircraft continue climb to 4000 via R-036 to FIGGS 10 DME and hold, NE, RT, 216° inbound.)

ATIS	RAZORBACK APP CON ★	FORT SMITH TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95

ADF, DME or RADAR REQUIRED

MSA GK LOM 25 NM
3900

LAVER
4000 to LOM 144° (20.5)

(IAF) AWIJE FSM 17

3500 NoPT FSM 17 Arc

AKINS
4000 to LOM 126° (13.2)

LOM/IAF JEMBO 311 GK
RADAR

4000 to JEMBO 241° (10.7)

FIGGS FSM 10

FSM R-036
036° 216°
R-046
046° 226°
R-297

FORT SMITH 110.4 FSM Chan 41

IXASY FSM 17

LR-253
LR-239
076°
256°
031° 211°
2100 to LOM (6.4)

LOCALIZER 111.3 I-GKV

R-2401A
R-2401B

15 NM

3500 NoPT FSM 17 Arc

R-168

(IAF) UVUZU FSM 17

2568

4000 to LOM 321° (21.4)
SISCO

1993 1993 1095 888 718 776 682 716 1047 828± 612 656 624 610 765 829 669 827 892 840 891

SC-1, 17 DEC 2009 to 14 JAN 2010

ELEV 469 D

618 500 741 696 61 076° 4.6 NM from FAF 8000 X 150 5002 X 150 25 0.5% DOWN 531 TDZE 469 501 585

HIRL Rwy 7-25 L
MIRL Rwy 1-19 L

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

Remain within 15 NM
LOM RADAR
256°
076°
3000
2008
2100
GS 3.00°
TCH 54
4.6 NM

1000 3000 FSM 110.4

CATEGORY	A	B	C	D	E
S-ILS 7	669-½ 200 (200-½)				
S-LOC 7	860-½ 391 (400-½)			860-¾ 391 (400-¾)	860-1 391 (400-1)
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731(800-2½)

LOC I-FSM	APP CRS	Rwy Idg	8000
111.3	256°	TDZE	446
		Apt Elev	469

ILS or LOC RWY 25

FORT SMITH RGNL (FSM)

T A ASR — Circling not authorized NW of Rwys 7 and 19 for Cat E. Circling to Rwy 1 NA at night. # Visibility Cat A/B/C/D RVR 1800 authorized with the use of FD or AP or HUD to DA. Circling Cat E NA when R-2401B active.

MALSR

MISSED APPROACH: Climb to 2500 direct JEMBO LOM and hold. (TACAN aircraft climb to 1200 then climbing left, then to 4000 via FSM R-232 to SPIRO Int/15 DME and hold southwest, right turn, 052° inbound.)

ATIS	RAZORBACK APP CON *	FORT SMITH TOWER *	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95

* Not authorized when Restricted Area R-2401 or R-2402 in effect.

** All maneuvering must be completed to the north side of approach course. Standard width not provided between non-maneuvering side of approach course and R-2401 and R-2402.

(IAF) AYUWU FSM 10 — R-359 — 3100 NoPT FSM 10 Arc

FORT SMITH 110.4 FSM Chan 41

LOCALIZER 111.3 I-FSM

LOM/IAF WIZER 223 FS

RADAR

**3100 120° (3.4)

LR-076 — 031° — 217° — 076°

256° — R-088 — R-120 — 2700 (7.4) — LR-100

OCEXA FSM 10

R-2401B — R-2401A — R-2402

*3100 285° (24.8) MAGGA

*3100 NoPT FSM 10 Arc

R-232 — 077° — 257° — 052° — 232°

SPIRO FSM 15

LOM JEMBO 311 GK

R-195

10 NM

(IAF) UXADY FSM 10

*3100 357° (19.8) SISCO

MSA FS 25 NM 4000

ADF REQUIRED

1993 — 1095 — 888 — 718 — 776 — 682 — 716 — 1047 — 624 — 828± — 612 — 656 — 765 — 669 — 827 — 829 — 840 — 891 — 892

ELEV 469 D

618 — 500 — 741 — 696 — 256° 6.8 NM from FAF — 8000 X 150 — 5002 X 150 — 125 — 0.5% DOWN — 531 — TDZE 446 — 501 — 585

2500 — GK 311

LOM INT/RADAR — Remain within 15 NM — 076° — 2697 — 3100 — 256° — 2700 — GS 2.96° TCH 56 — 6.8 NM

HIRL Rwy 7-25 L
MIRL Rwy 1-19 L

FAF to MAP 6.8 NM

Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

CATEGORY	A	B	C	D	E
S-ILS 25	# 646/ 24 200 (200-½)				
S-LOC 25	960/24 514 (500-½)		960/50 514 (500- 1)	960/60 514 (500-1¼)	
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOM FS	APP CRS	Rwy Idg	8000
223	256°	TDZE	445
		Apt Elev	469

NDB RWY 25
FORT SMITH RGNL (FSM)

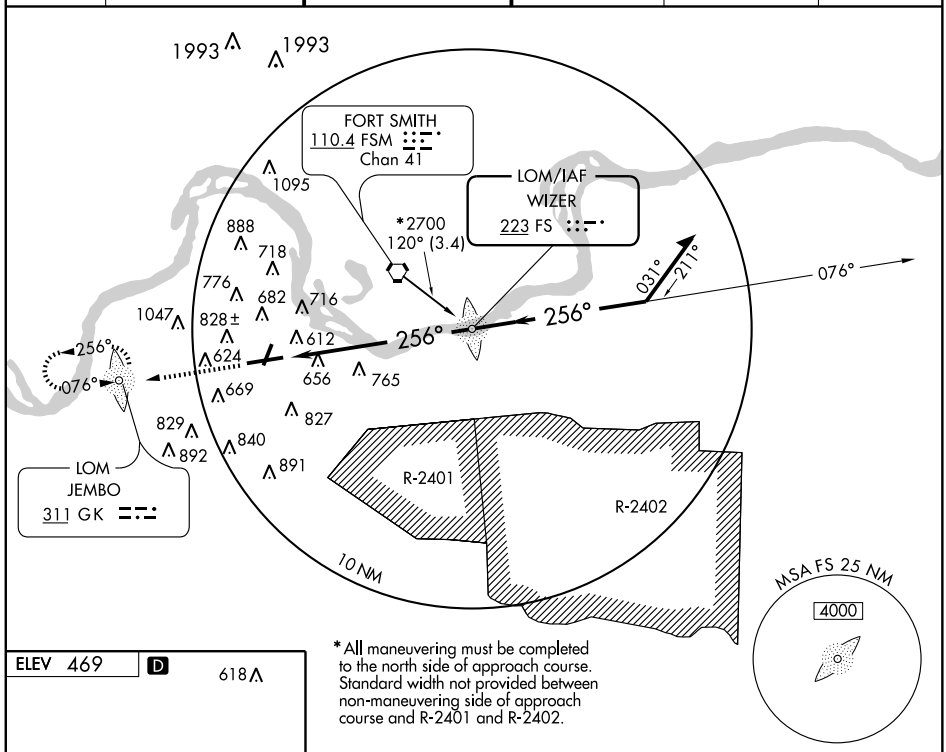
ASR

Circling to Rwy 1 NA at night.

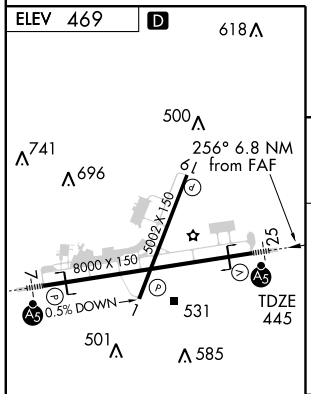
MALSR

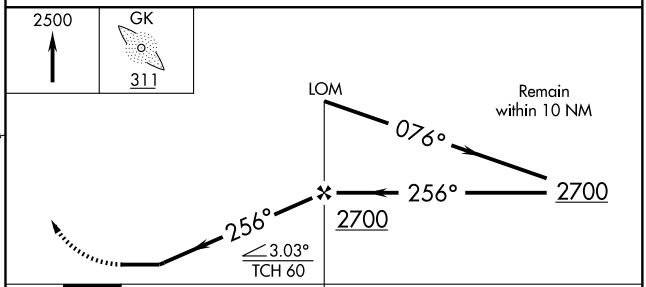
MISSED APPROACH: Climb to 2500 direct GK LOM and hold.

ATIS	RAZORBACK APP CON*	FORT SMITH TOWER*	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95



*All maneuvering must be completed to the north side of approach course. Standard width not provided between non-maneuvering side of approach course and R-2401 and R-2402.





HIRL Rwy 7-25 L
MIRL Rwy 1-19 L

FAF to MAP 6.8 NM

Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

CATEGORY	A	B	C	D
S-25	1140-¾ 695 (700-¾)		1140-1½ 695 (700-1½)	1140-2 695 (700-2)
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5002
016°	TDZE	449
	Apt Elev	469

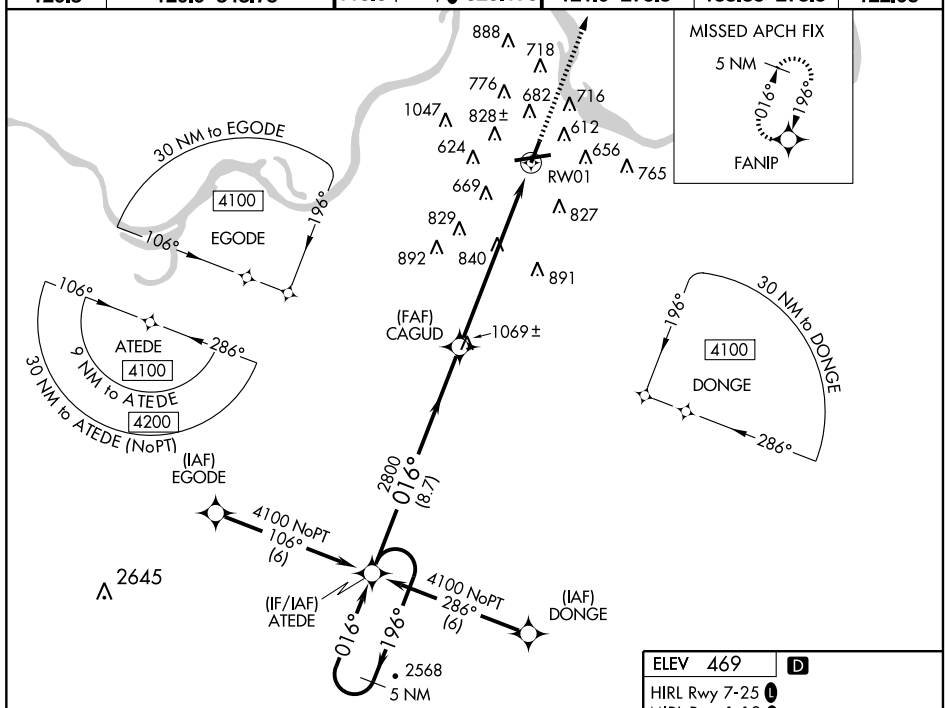
RNAV (GPS) RWY 1
FORT SMITH RGNL (FSM)

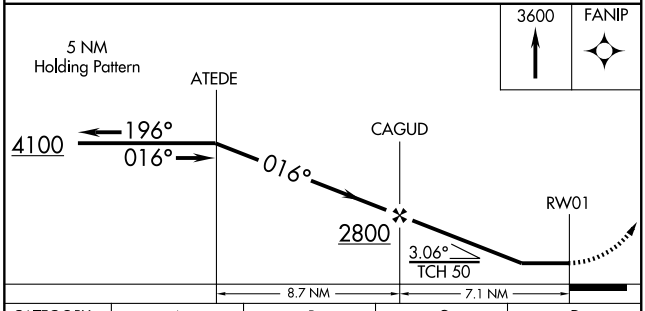
V A ASR

If local altimeter setting not received, use Poteau altimeter setting and increase all MDAs 60 feet. Circling to Rwy 1 NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Straight-in minimums NA at night.

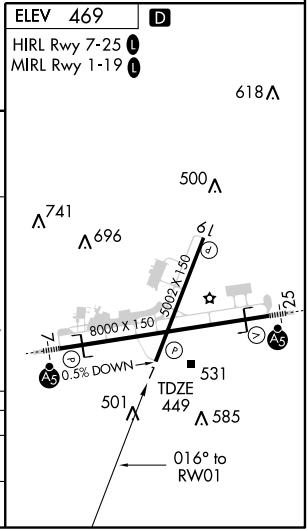
MISSED APPROACH: Climb to 3600 direct FANIP and hold, continue climb-in-hold to 3600.

ATIS	RAZORBACK APP CON ★	FORT SMITH TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95





CATEGORY	A	B	C	D
LNAV MDA	1160-1	711 (700-1)	1160-2 711 (700-2)	1160-2¼ 711 (700-2¼)
CIRCLING	1160-1	691 (700-1)	1160-2 691 (700-2)	1160-2¼ 691 (700-2¼)



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8000
076°	TDZE	469
	Apt Elev	469

RNAV (GPS) RWY 7

FORT SMITH RGNL (FSM)

Circling not authorized NW of Rwys 7 and 19 for Cat E. DME/DME RNP-0.3 NA. Circling to Rwy 1 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). When ALS inop, increase LNAV/VNAV and LNAV vis Cat E ½ mile. Circling Cat E NA when R-2401B active.

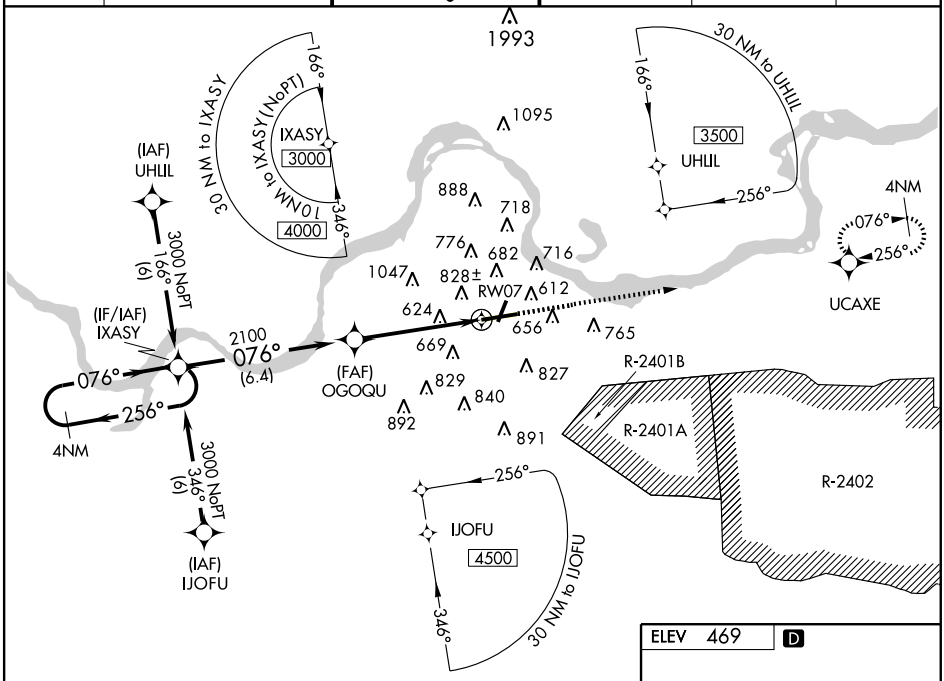
NA

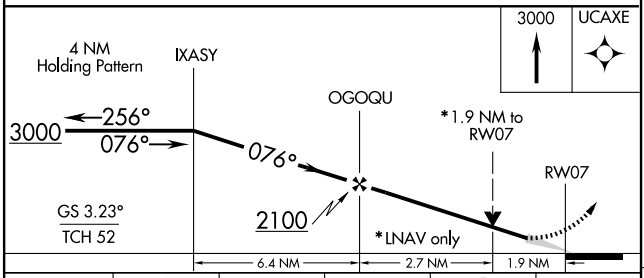
ASR

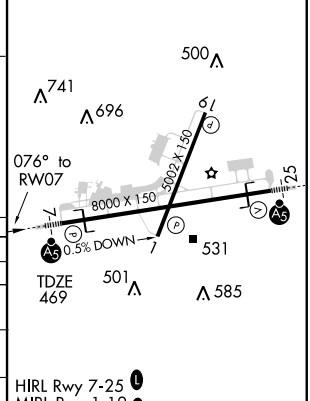
MALSR

MISSED APPROACH: Climb to 3000 direct UCAXE and hold.

ATIS	RAZORBACK APP CON *	FORT SMITH TOWER *	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95







CATEGORY	A	B	C	D	E
GLS DA	NA				
LNAV/VNAV DA	1085-1½ 616 (700-1½)				
LNAV MDA	1140-½ 671 (700-½)		1140-1½ 671 (700-1½)	1140-1¾ 671 (700-1¾)	1140-2 671 (700-2)
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8000
256°	TDZE	446
	Apt Elev	469

RNAV (GPS) RWY 25

FORT SMITH RGNL (FSM)

Circling not authorized NW of Rwys 7 and 19 for Cat E. DME/DME RNP-0.3 NA. Circling to Rwy 1 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Circling Cat E NA when R-2401B active. When ALS inop, increase LNAV/VNAV and LNAV vis Cat E ½ mile.

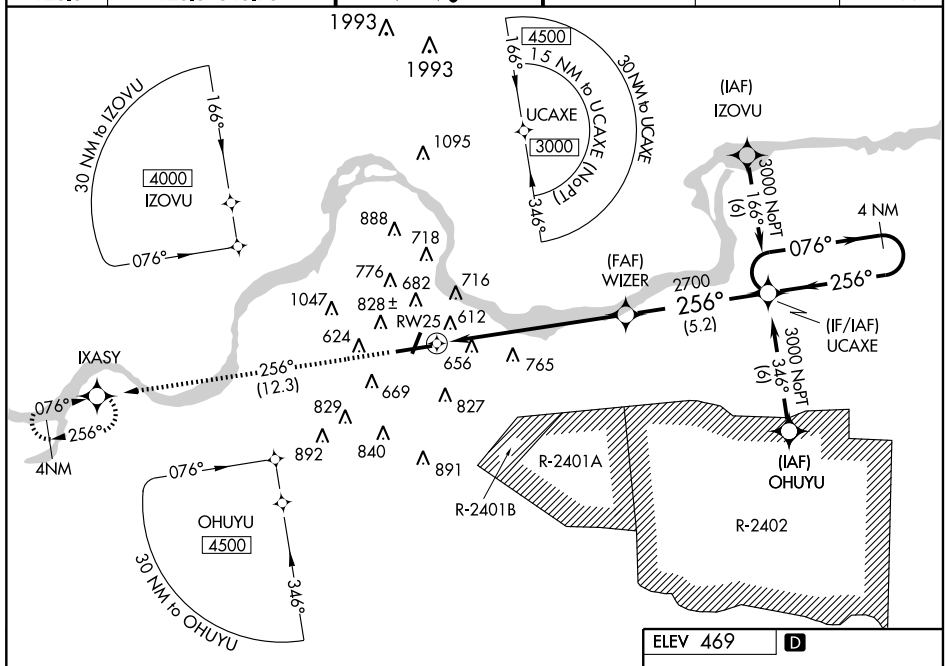
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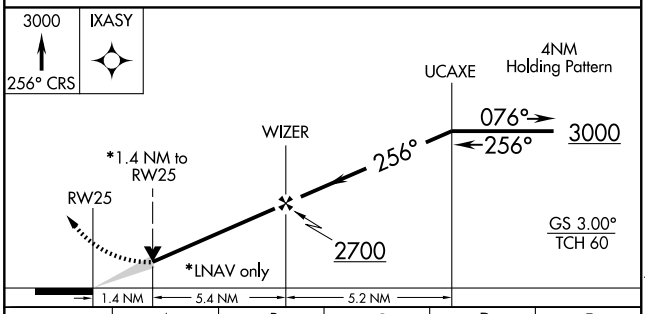
ASR

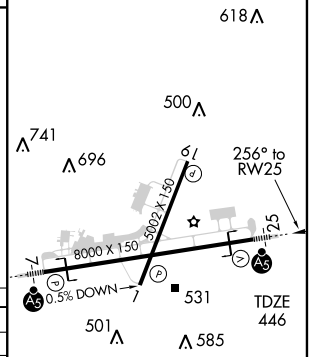
MALSR

MISSED APPROACH: Climb to 3000 via 256° course to IXASY WP and hold.

ATIS	RAZORBACK APP CON *	FORT SMITH TOWER *	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95







CATEGORY	A	B	C	D	E
GLS DA	NA				
LNAV/VNAV DA	960/60 514 (500-1¼)				
LNAV MDA	960/24 514 (500-½)		960/50 514 (500-1)	960/60 514 (500-1¼)	
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)

HIRL Rwy 7-25 L

MIRL Rwy 1-19 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC FSM	APP CRS	Rwy Idg	8000
110.4	053°	TDZE	469
Chan 41		Apt Elev	469

VOR/DME or TACAN RWY 7

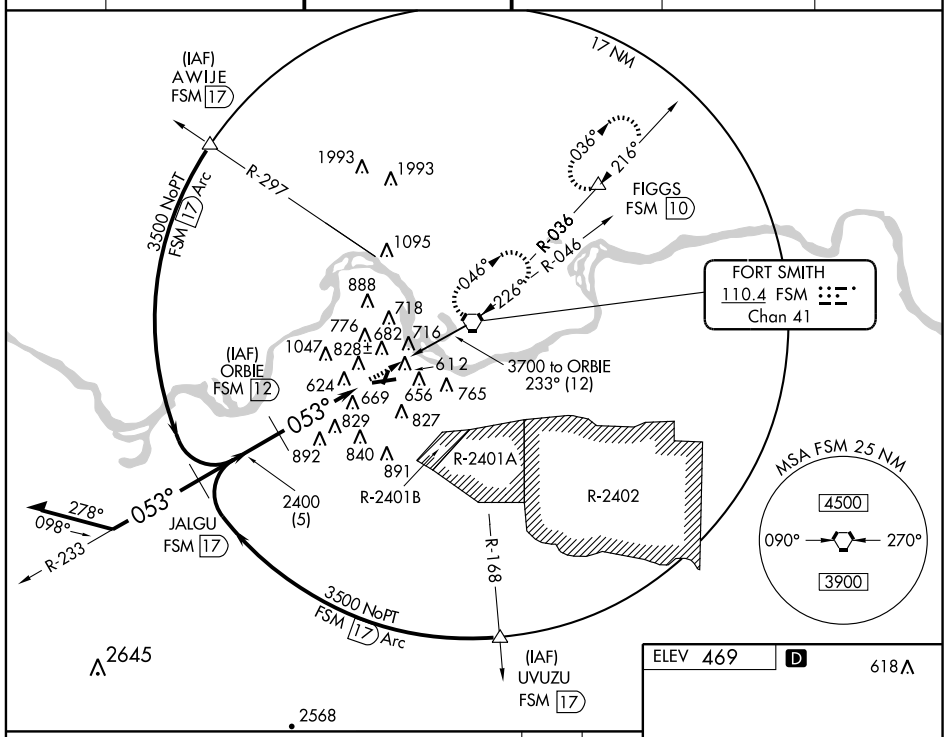
FORT SMITH RGNL (FSM)

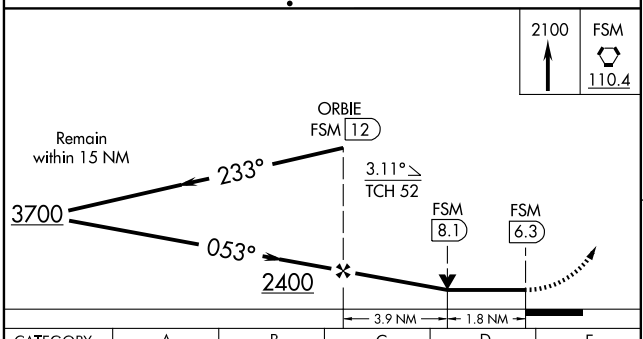
ASR — Inoperative table does not apply. Circling not authorized NW of Rwys 7 and 19 for Cat E. Circling to Rwy 1 NA at night. Circling Cat E NA when R-2401B active.

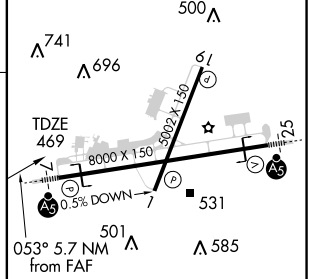
MALSR

MISSED APPROACH: Climb to 2100 direct FSM VORTAC and hold. (TACAN aircraft climbing left turn to 4000 direct FSM VORTAC then via R-036 to FIGGS 10 DME and hold northeast, right turn 216° inbound.)

ATIS	RAZORBACK APP CON ★	FORT SMITH TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95







CATEGORY	A	B	C	D	E
S-7	1080-1	611 (700-1)	1080-1¾ 611 (700-1¾)	1080-2 611 (700-2)	1080-2¼ 611 (700-2¼)
CIRCLING	1140-1	671 (700-1)	1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)

HIRL Rwy 7-25 L
MIRL Rwy 1-19 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC FSM 110.4 Chan 41	APP CRS 224°	Rwy Idg 8000 TDZE 445 Apt Elev 469

VOR or TACAN RWY 25

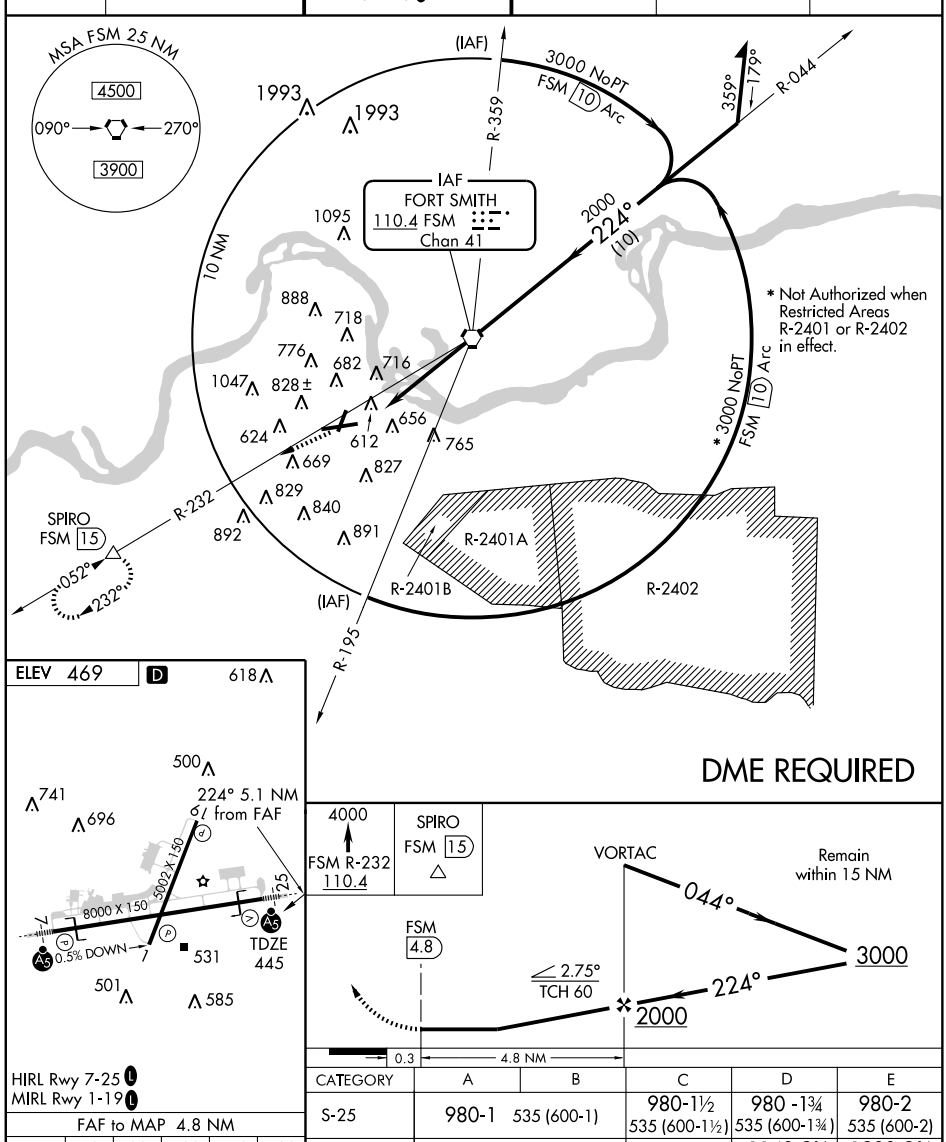
FORT SMITH RGNL (FSM)

T A ASR — Inoperative table does not apply. Circling NA NW of Rwys 7 and 19 for Cat E. Circling to Rwy 1 NA at night. Circling Cat E NA when R-2401B active.

MALSR

MISSED APPROACH: Climb to 4000 via FSM R-232 to SPIRO Int/15 DME and hold.

ATIS	RAZORBACK APP CON*	FORT SMITH TOWER*	GND CON	CLNC DEL	UNICOM
126.3	120.9 343.75	118.3 (CTAF) L 323.175	121.9 275.8	133.85 278.3	122.95



DME REQUIRED

HIRL Rwy 7-25 L
MIRL Rwy 1-19 L

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

CATEGORY	A	B	C	D	E
S-25	980-1 535 (600-1)		980-1½ 535 (600-1½)	980 -1¾ 535 (600-1¾)	980-2 535 (600-2)
CIRCLING	1140-1 671 (700-1)		1140-2 671 (700-2)	1140-2¼ 671 (700-2¼)	1200-2½ 731 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-HRO	APP CRS	Rwy Idg	6161
111.7	359°	TDZE	1351
Chan 54		Apt Elev	1365

ILS RWY 36

HARRISON/ BOONE COUNTY (HRO)

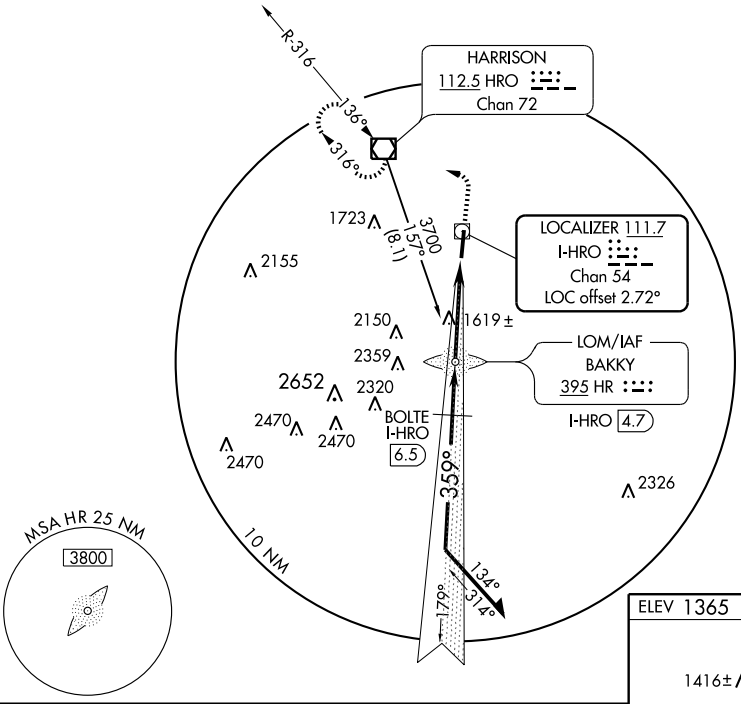
NA

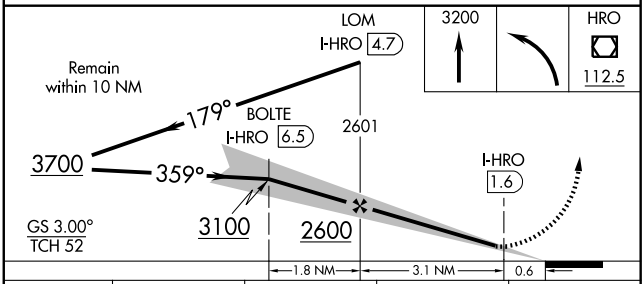
MALSR

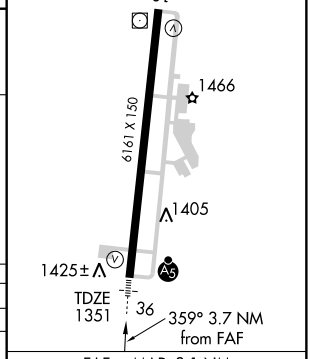
MISSED APPROACH: Climb to 3200 then left turn direct HRO VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
121.125	126.85 281.55	123.0 (CTAF) L

ADF or DME REQUIRED







CATEGORY	A	B	C	D
S-ILS 36	1601-½ 250 (300-½)			
S-LOC 36	1880-½ 529 (600-½)		1880-1 529 (600-1)	1880-1¼ 529 (600-1¼)
CIRCLING	1880-1 515 (600-1)		1880-1½ 515 (600-1½)	1920-2 555 (600-2)

FAF to MAP 3.1 NM

Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

SC-1, 17 DEC 2009 to 14 JAN 2010

LOM HR	APP CRS	Rwy Idg	6161
233	180°	TDZE	1363
		Apt Elev	1365

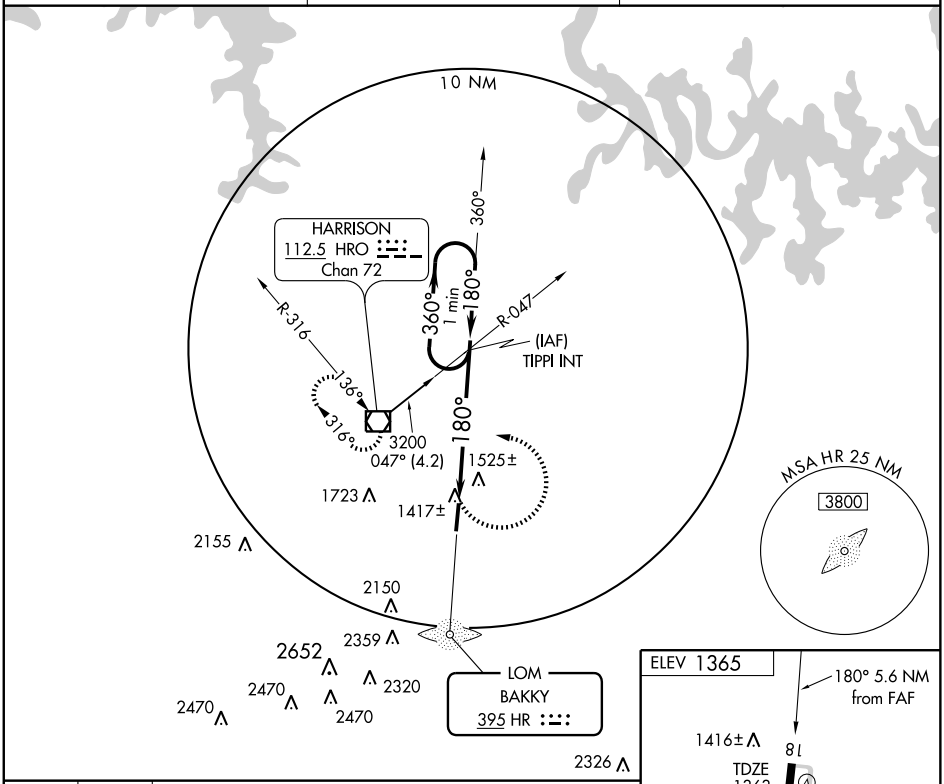
NDB RWY 18

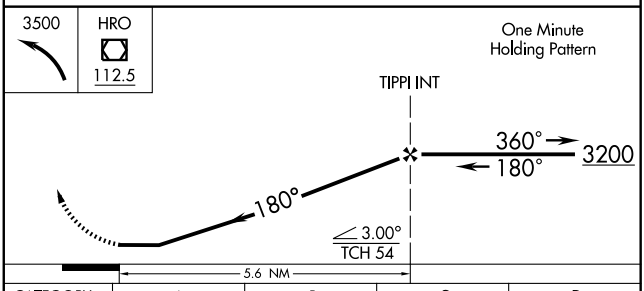
HARRISON/ BOONE COUNTY (HRO)

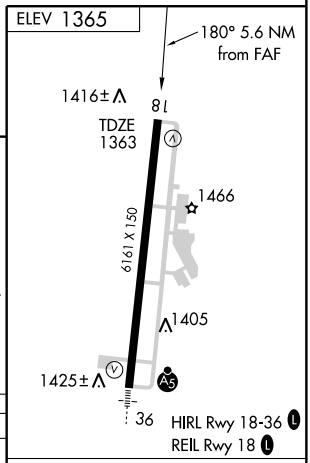
NA

MISSED APPROACH: Climbing left turn to 3500 direct HRO VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
121.125	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-18	1740-1 375 (400-1)			1740-1¼ 375 (400-1¼)
CIRCLING	1780-1 415 (500-1)	1820-1 455 (500-1)	1820-1½ 455 (500-1½)	1920-2 555 (600-2)

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy ldg	6161
182°	TDZE	1365
	Apt Elev	1365

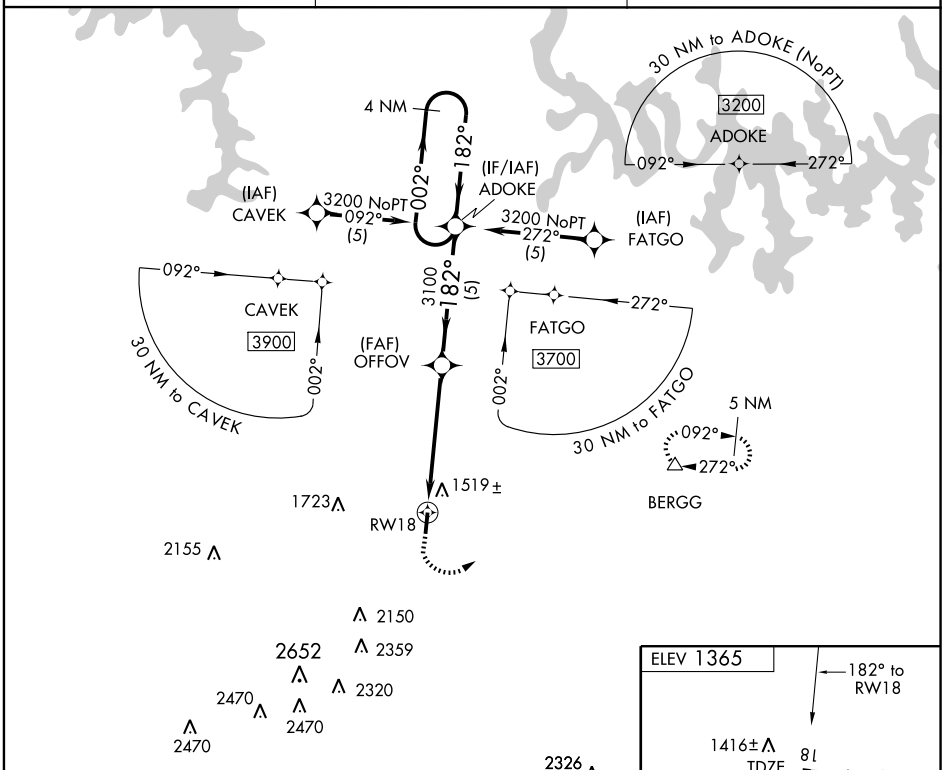
RNAV (GPS) RWY 18
HARRISON/BOONE COUNTY (HRO)

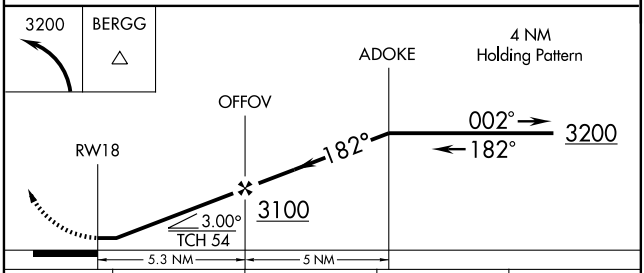
GPS or RNP-0.3 required. DME/DME RNP -0.3 NA.

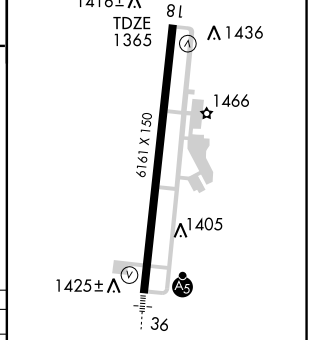
NA

MISSED APPROACH: Climbing left turn to 3200 direct BERGG WP and hold.

ASOS	MEMPHIS CENTER	UNICOM
121.125	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1720-1 355 (400-1)			1720-1¼ 355 (400-1¼)
CIRCLING	1780-1 415 (500-1)	1820-1 455 (500-1)	1820-1½ 455 (500-1½)	1920-2 555 (600-2)

HIRL Rwy 18-36 L
REIL Rwy 18 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6161
CH 93711	002°	TDZE	1351
W36A		Apt Elev	1365

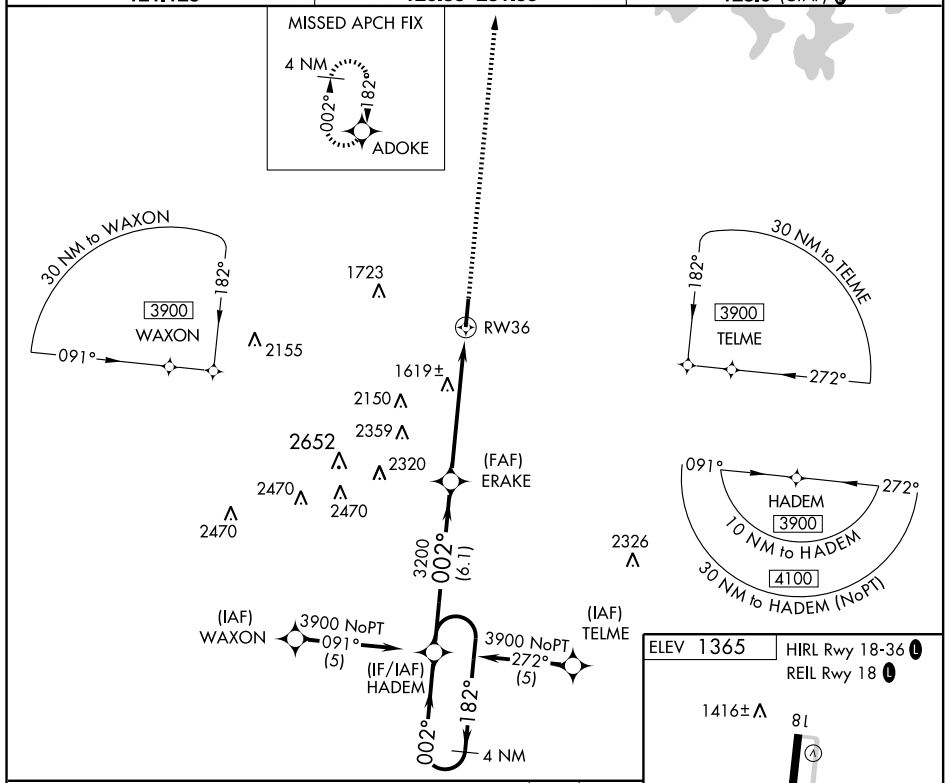
RNAV (GPS) RWY 36
HARRISON/BOONE COUNTY (HRO)

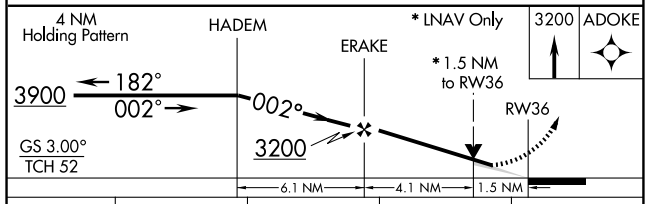
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Mountain Home altimeter setting. When local altimeter setting not received, use Mountain Home altimeter setting and increase all DA 139 feet and all MDA 140 feet, increase LPV all Cats and LNAV and Circling Cat C and D visibility ¼ mile, increase LNAV/VNAV all Cats visibility ½ mile. For inoperative MALSR when using Mountain Home altimeter setting, increase LPV all Cats visibility to 1¼.

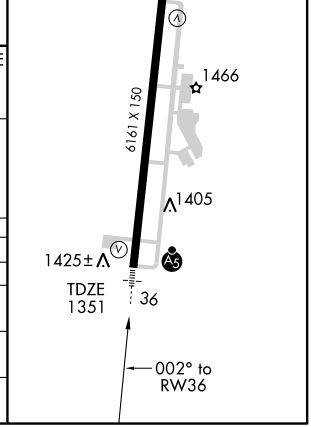
MALSR

MISSED APPROACH: Climb to 3200 direct ADOKE and hold.

ASOS	MEMPHIS CENTER	UNICOM
121.125	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1601-½ 250 (300-½)			
LNAV/VNAV DA	1815-1 464 (500-1)			
LNAV MDA	1880-½ 529 (600-½)		1880-1 529 (600-1)	1880-1¼ 529 (600-1¼)
CIRCLING	1880-1 515 (600-1)		1880-1½ 515 (600-1½)	1920-2 555 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME HRO	APP CRS	Rwy Idg	N/A
112.5	136°	TDZE	N/A
Chan 72		Apt Elev	1365

VOR-A

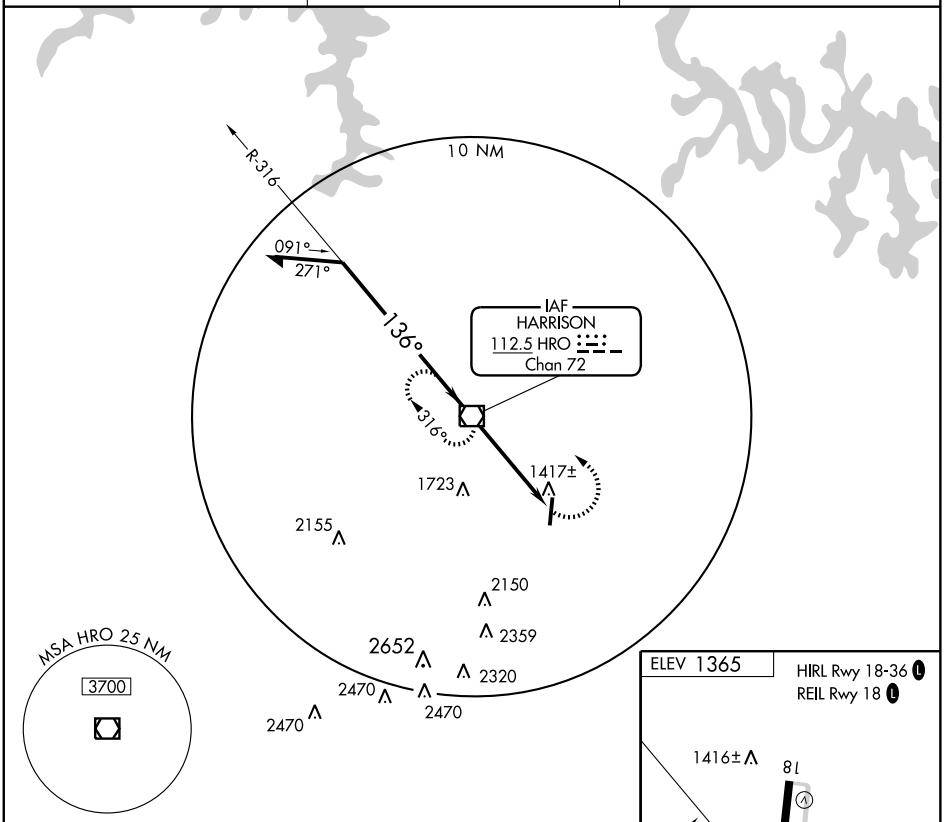
HARRISON/BOONE COUNTY (HRO)

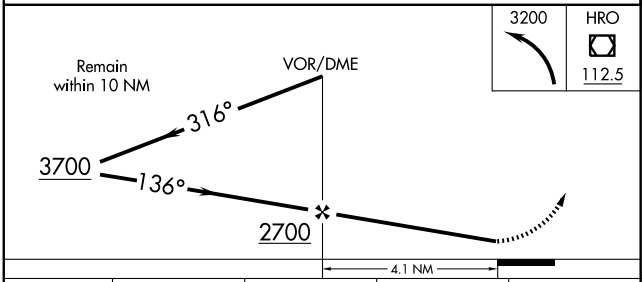
T

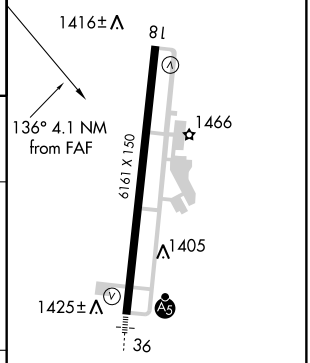
NA

MISSED APPROACH: Climbing left turn to 3200 direct HRO VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
121.125	126.85 281.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1780-1 415 (500-1)	1820-1 455 (500-1)	1820-1½ 455 (500-1½)	1920-2 555 (600-2)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4002
057°	TDZE	631
	Apt Elev	632

RNAV (GPS) RWY 5

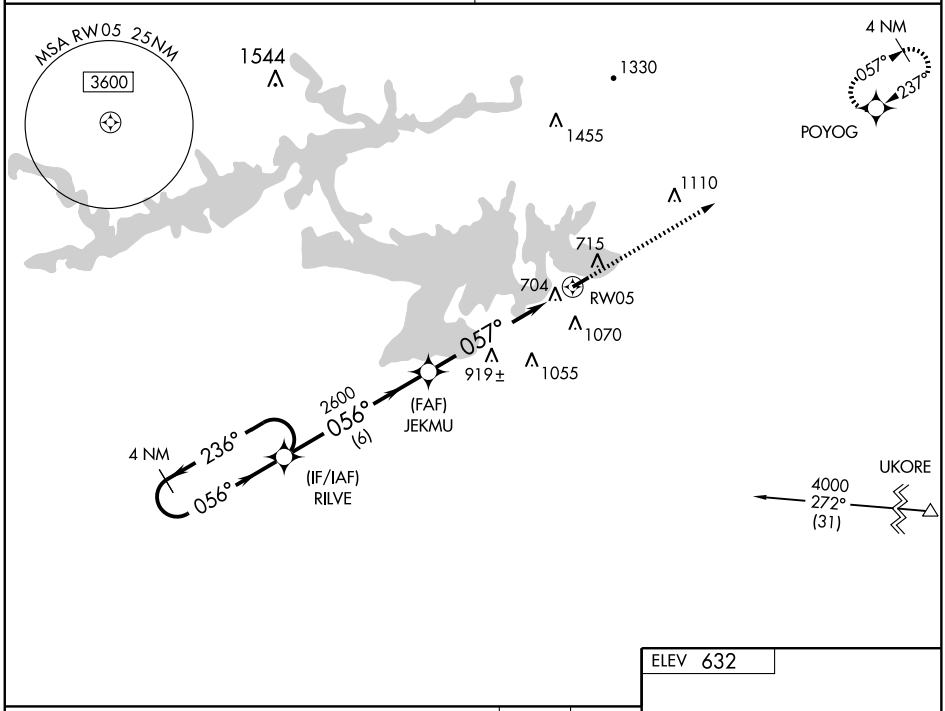
HEBER SPRINGS MUNI (HBZ)

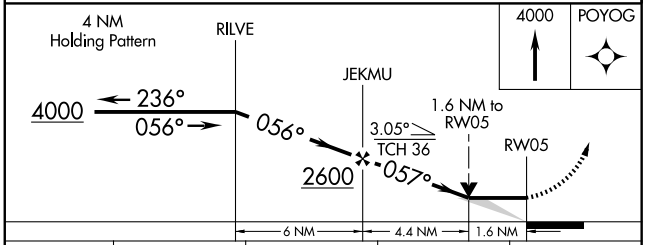
⚠ NA

DME/DME RNP-0.3 NA. VDP NA when using Batesville Rgnl altimeter setting. Obtain local altimeter setting on CTAF; when not received, use Batesville Rgnl altimeter setting.

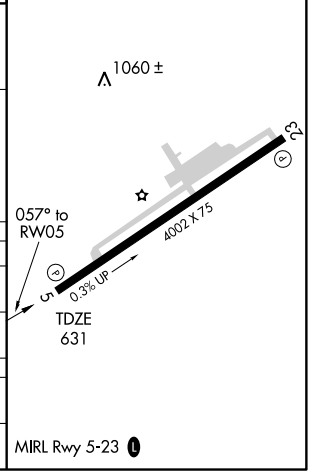
MISSED APPROACH: Climb to 4000 direct POYOG and hold.

MEMPHIS CENTER	UNICOM
126.85 281.55	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1180-1 549 (600-1)		1180-1½ 549 (600-1½)	NA
CIRCLING	1240-1 608 (700-1)	1280-1 648 (700-1)	1380-2¼ 748 (800-2¼)	NA
BATESVILLE RGNL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1260-1 629 (700-1)		1260-1¾ 629 (700-1¾)	NA
CIRCLING	1320-1 688 (700-1)	1360-1 728 (800-1)	1460-2½ 828 (900-2½)	NA

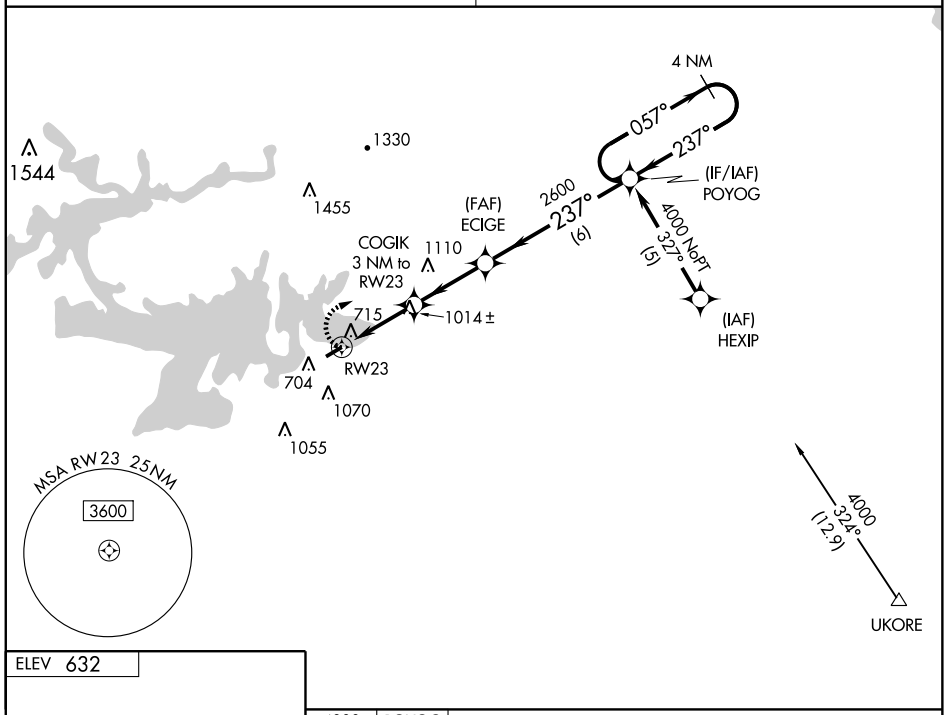


SC-1, 17 DEC 2009 to 14 JAN 2010

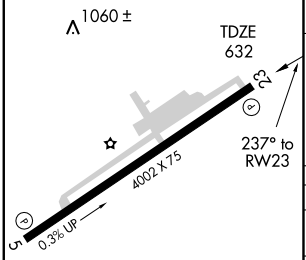
APP CRS	Rwy Idg	4002
237°	TDZE	632
	Apt Elev	632

RNAV (GPS) RWY 23
HEBER SPRINGS MUNI (HBZ)

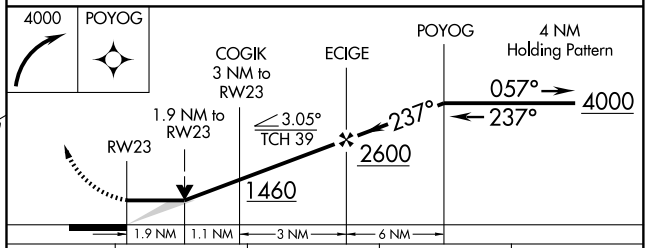
⚠ NA — DME/DME RNP-0.3 NA. VDP NA when using Batesville Rgnl altimeter setting. Obtain local altimeter setting on CTAF; when not received, use Batesville Rgnl altimeter setting.	MISSED APPROACH: Climbing right turn to 4000 direct POYOG and hold.
MEMPHIS CENTER **126.85 281.55**	UNICOM **122.7** (CTAF) L



ELEV 632



MIRL Rwy 5-23 L



CATEGORY	A	B	C	D
LNAV MDA	1280-1 648 (700-1)		1280-1¾ 648 (700-1¾)	NA
CIRCLING	1280-1 648 (700-1)		1380-2¼ 748 (800-2¼)	NA
BATESVILLE RGNL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1340-1 708 (800-1)		1340-2 703 (800-2)	NA
CIRCLING	1340-1 708 (800-1)	1360-1 728 (800-1)	1460-2½ 828 (900-2½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
179°	TDZE	240
	Apt Elev	242

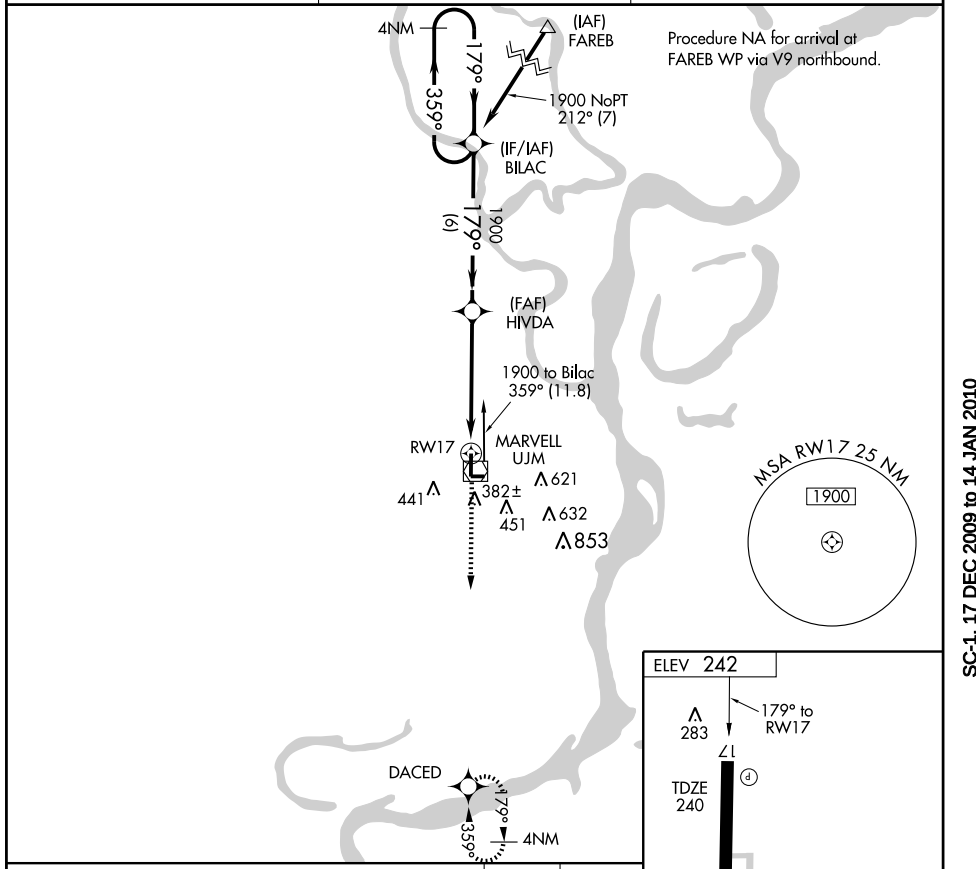
RNAV (GPS) RWY 17

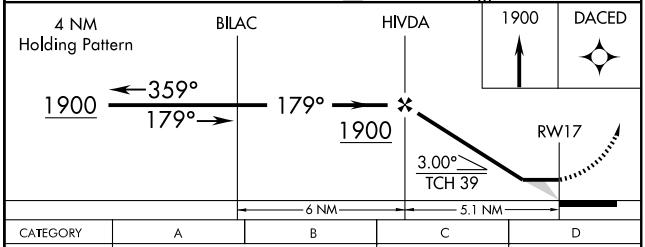
HELENA/WEST HELENA/THOMPSON-ROBBINS (HEE)

T A NA — GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Use Clarksdale, MS altimeter setting.

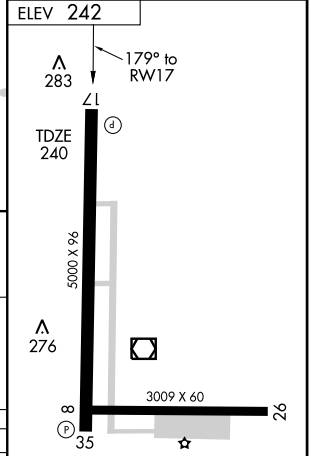
MISSED APPROACH: Climb to 1900 direct DACED WP and hold.

CLARKSDALE, MS AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	820-1	580 (600-1)	820-1½ 580 (600-1½)	NA
CIRCLING	840-1	598 (600-1)	840-1½ 598 (600-1½)	NA



REIL Rwys 17 and 35
MIRL Rwys 8-26 and 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
359°	TDZE	240
	Apt Elev	242

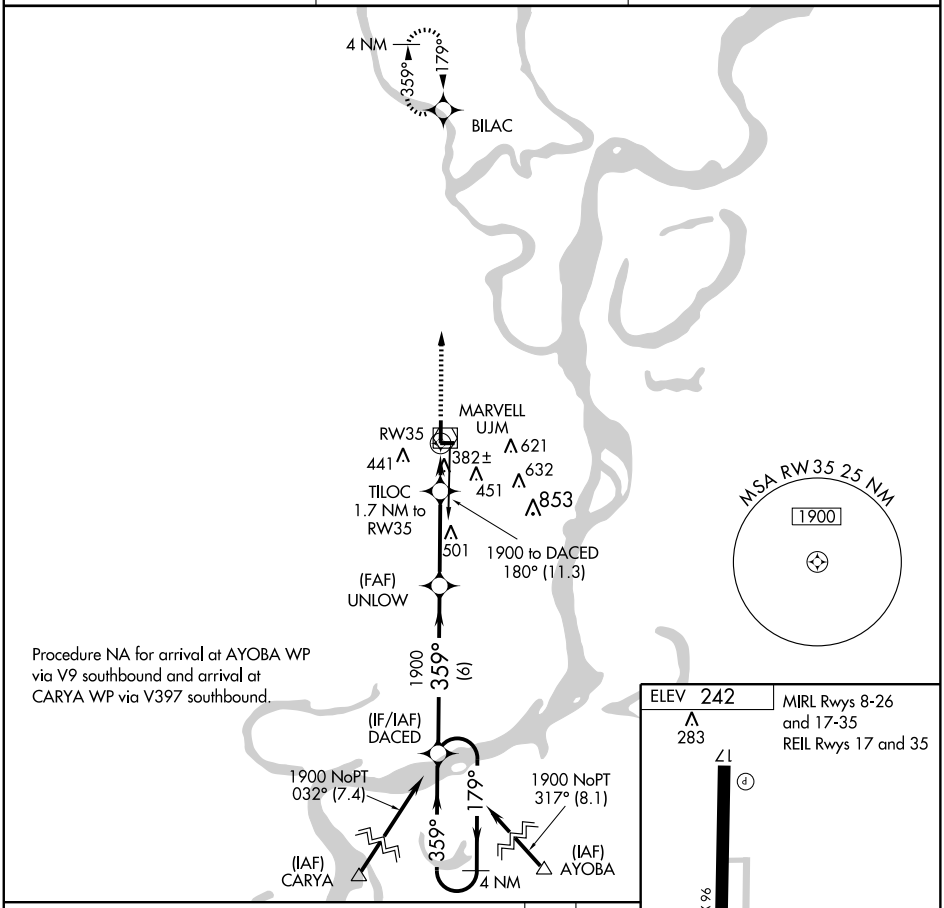
RNAV (GPS) RWY 35

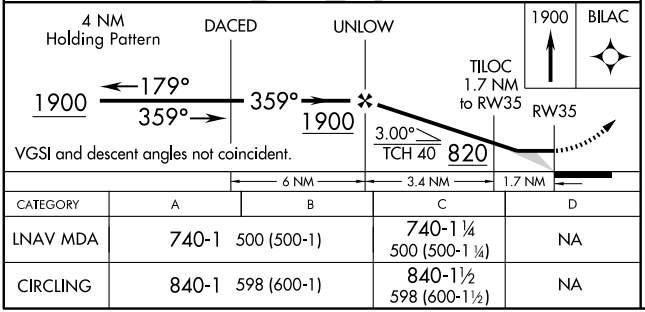
HELENA/WEST HELENA/ THOMPSON-ROBBINS (HEE)

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Use Clarksdale, MS altimeter setting.

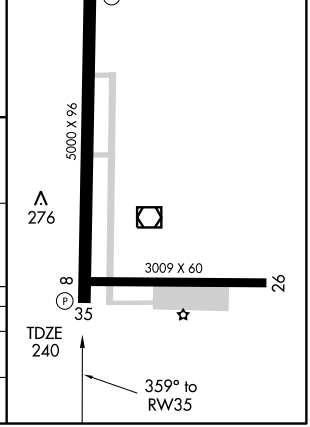
MISSED APPROACH: Climb to 1900 direct BILAC WP and hold.

CLARKSDALE, MS AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	740-1	500 (500-1)	740-1 ¼ 500 (500-1 ¼)	NA
CIRCLING	840-1	598 (600-1)	840-1½ 598 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME UJM	APP CRS	Rwy Idg 5000
109.6	171°	TDZE 240
Chan 33		Apt Elev 242

VOR RWY 17

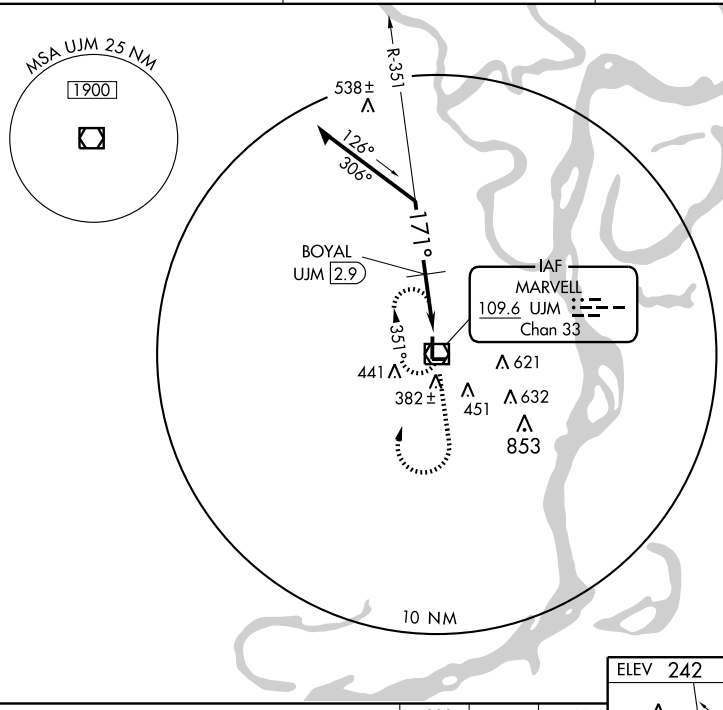
HELENA/WEST HELENA/ THOMPSON-ROBBINS (HEE)

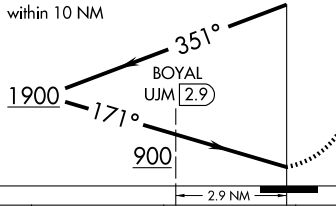
Use Clarksdale, MS altimeter setting.
Circling to Rwy 8-26 NA at night.

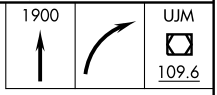
NA

MISSED APPROACH: Climb to 1900 then right turn direct UJM VOR/DME and hold.

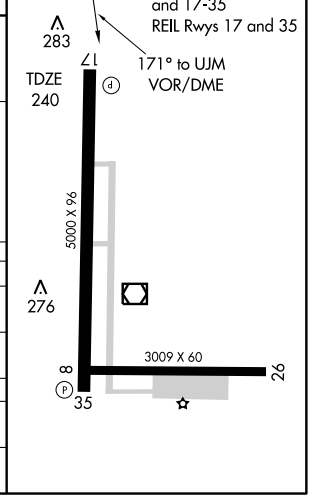
CLARKSDALE, MS AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF)







CATEGORY	A	B	C	D
S-17	900-1	660 (700-1)	900-1¾ 660 (700-1¾)	NA
CIRCLING	900-1	658 (700-1)	900-1¾ 658 (700-1¾)	NA
BOYAL FIX MINIMUMS				
S-17	800-1	560 (600-1)	800-1½ 560 (600-1½)	NA
CIRCLING	840-1	598 (600-1)	840-1½ 598 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME UJM	APP CRS	Rwy Idg 5000
109.6	013°	TDZE 240
Chan 33		Apt Elev 242

VOR RWY 35

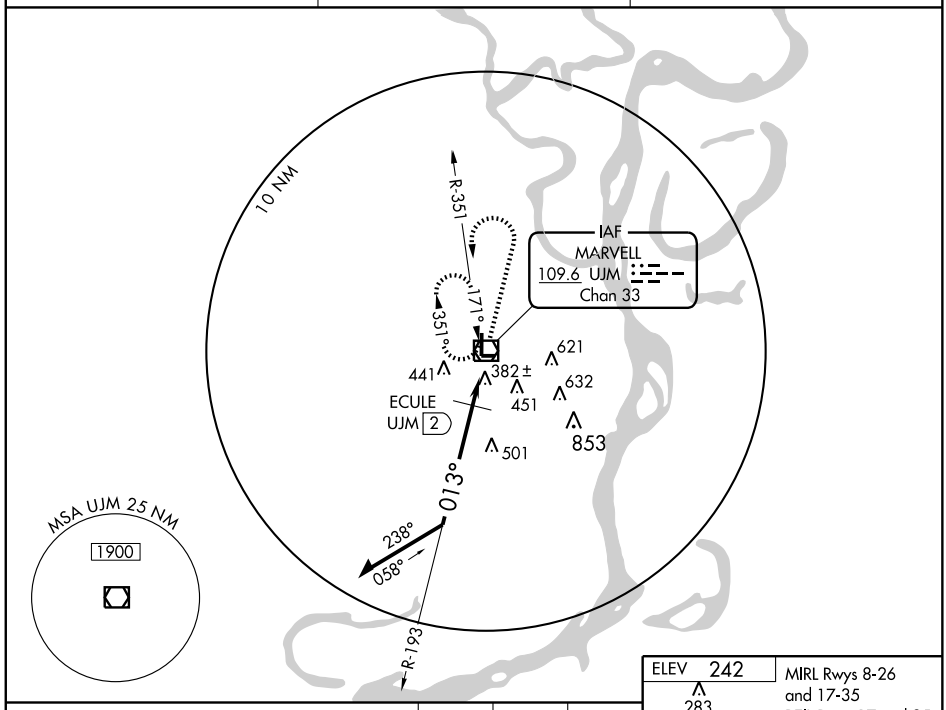
HELENA/WEST HELENA/THOMPSON-ROBBINS (HEE)

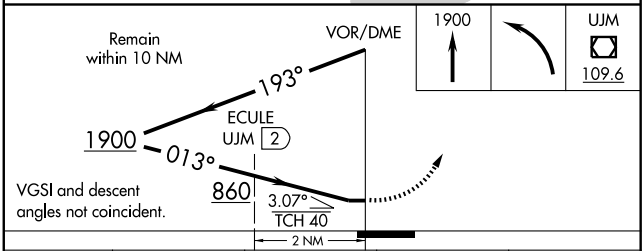
Use Clarksdale, MS altimeter setting.
Circling to Rwy 8-26 NA at night.

NA

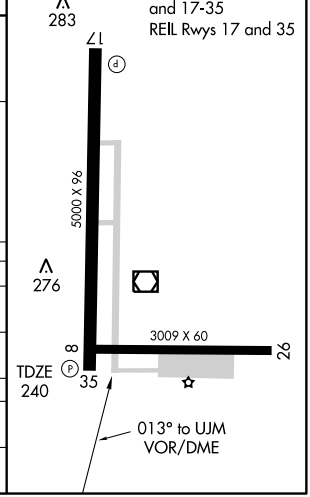
MISSED APPROACH: Climb to 1900 then left turn direct UJM VOR/DME and hold.

CLARKSDALE, MS AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF)





CATEGORY	A	B	C	D
S-35	860-1 620 (700-1)		860-1¾ 620 (700-1¾)	NA
CIRCLING	860-1 618 (700-1)		860-1¾ 618 (700-1¾)	NA
ECULE FIX MINIMUMS				
S-35	700-1 460 (500-1)		700-1¼ 460 (500-1¼)	NA
CIRCLING	840-1 598 (600-1)		840-1½ 598 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

NDB HPC 362	APP CRS 151°	Rwy Idg 5501 TDZE 359 Apt Elev 359

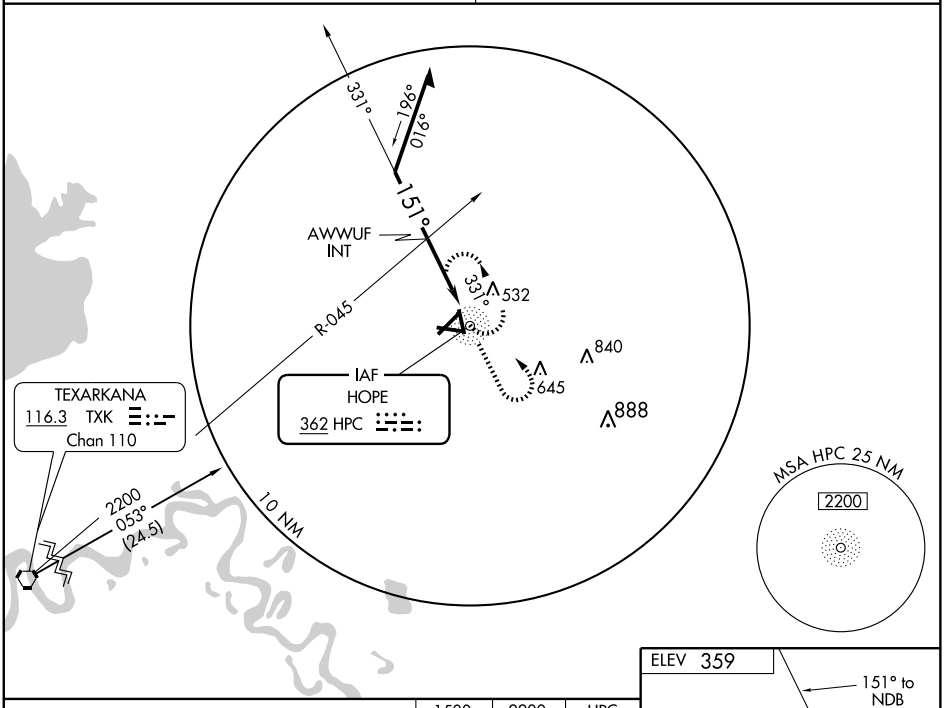
NDB RWY 16

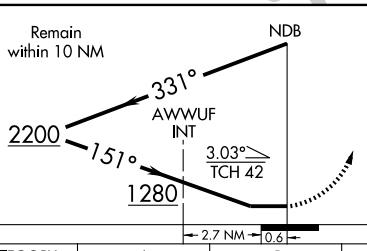
HOPE MUNI (M18)

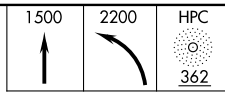
NA When VGSI inop, Straight-In/Circling Rwy 16 procedure NA at night. Visibility reduction by helicopters NA. Use Texarkana altimeter setting; when not received use Arkadelphia altimeter setting.

MISSED APPROACH: Climb to 1500, then climbing left turn to 2200 direct HPC NDB and hold.

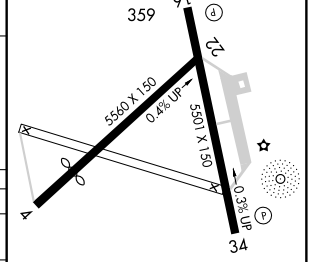
FORT WORTH CENTER	UNICOM
123.925 269.475	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-16	1280-1¼ 921 (1000-1¼)		1280-2¾ 921 (1000-2¾)	1280-3 921 (1000-3)
CIRCLING	1280-1¼ 921 (1000-1¼)		1280-2¾ 921 (1000-2¾)	1280-3 921 (1000-3)
AWWUF FIX MINIMUMS				
S-16	1020-1 661 (700-1)		1020-1¾ 661 (700-1¾)	1020-2 661 (700-2)
CIRCLING	1020-1 661 (700-1)		1020-1¾ 661 (700-1¾)	1020-2 661 (700-2)



REIL Rwys 16 and 34
MIRL Rwy 16-34 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5501
164°	TDZE	359
	Apt Elev	359

RNAV (GPS) RWY 16

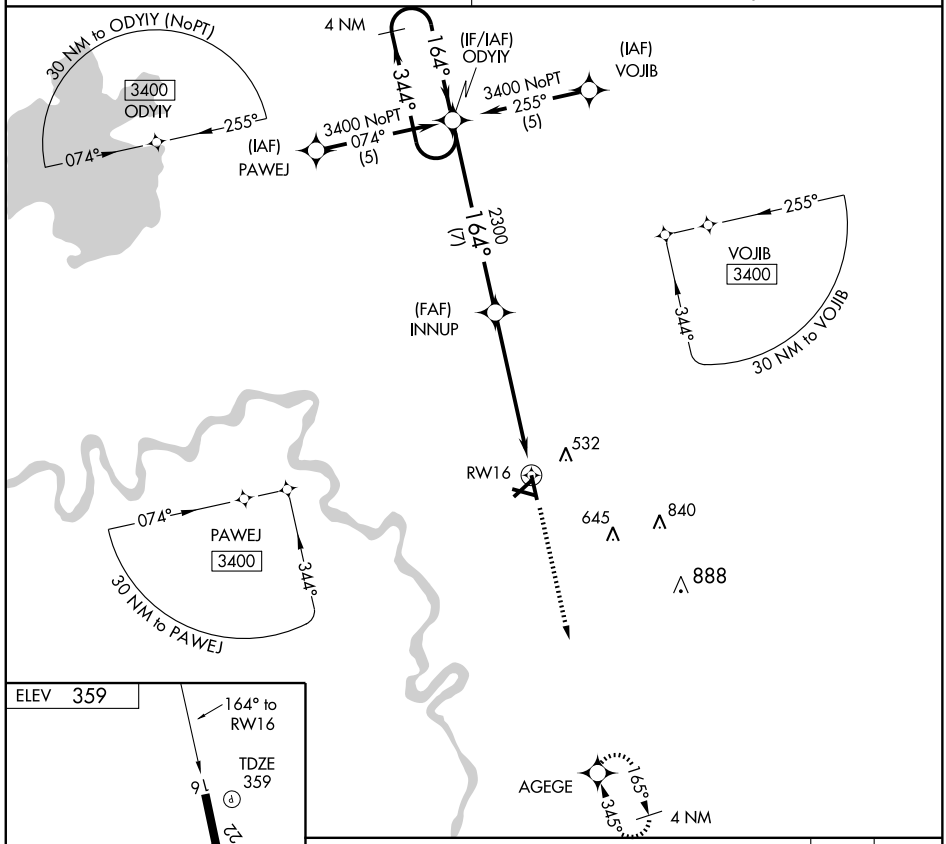
HOPE MUNI (M18)

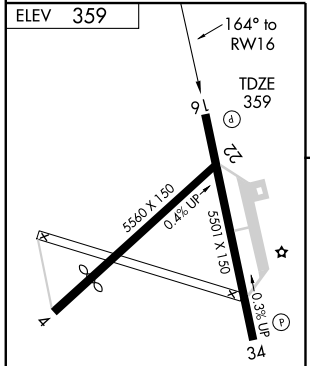
NA Use Texarkana altimeter setting.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct AGEGE and hold.

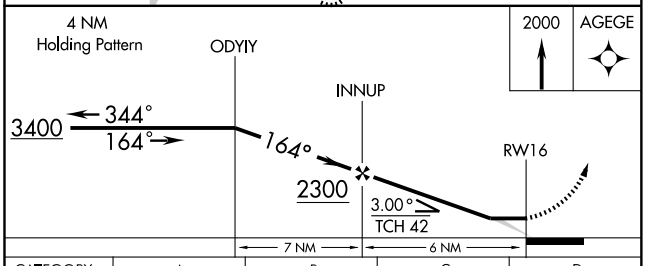
FORT WORTH CENTER
123.925 269.475

UNICOM
122.8 (CTAF) L





MIRL Rwy 16-34 L
REIL Rwys 16 and 34



CATEGORY	A	B	C	D
LNAV MDA	920-1	561 (600-1)	920-1½ 561 (600-1½)	920-1¾ 561 (600-1¾)
CIRCLING	920-1	561 (600-1)	920-1½ 561 (600-1½)	920-2 561 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-HOT	APP CRS	Rwy Idg	6595
111.5	050°	TDZE	515
Chan 52		Apt Elev	540

ILS or LOC RWY 5

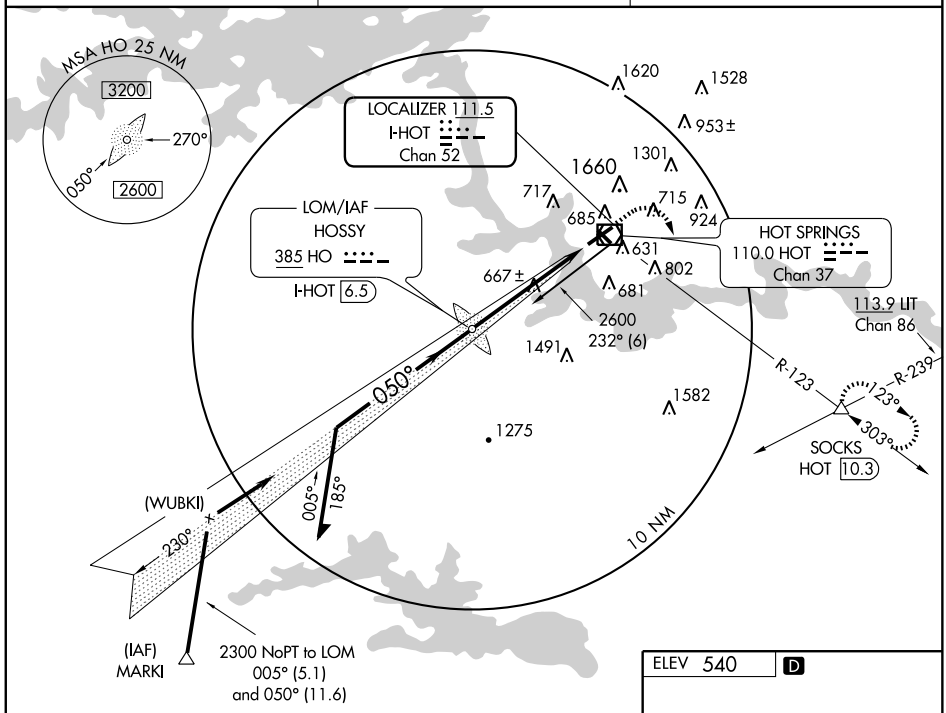
HOT SPRINGS/ MEMORIAL FIELD (HOT)

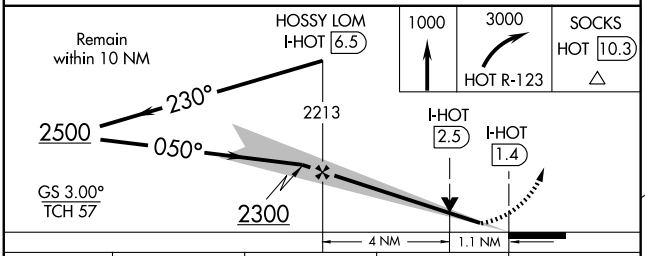
Circling not authorized northwest of Rwy 5-23.
NA Use I-HOT DME when on localizer course.

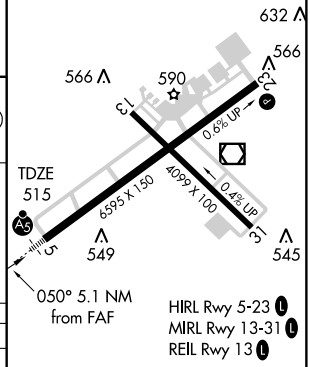
MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 via HOT R-123 to SOCKS Int/HOT 10.3 DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
119.925	128.475 377.15	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 5	715-½ 200 (200-½)			
S-LOC 5	940-½ 425 (500-½)		940-¾ 425 (500-¾)	
CIRCLING	1060-1 520 (600-1)		1060-1½ 520 (600-1½)	1120-2 580 (600-2)

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6595
050°	TDZE	515
	Apt Elev	540

RNAV (GPS) RWY 5

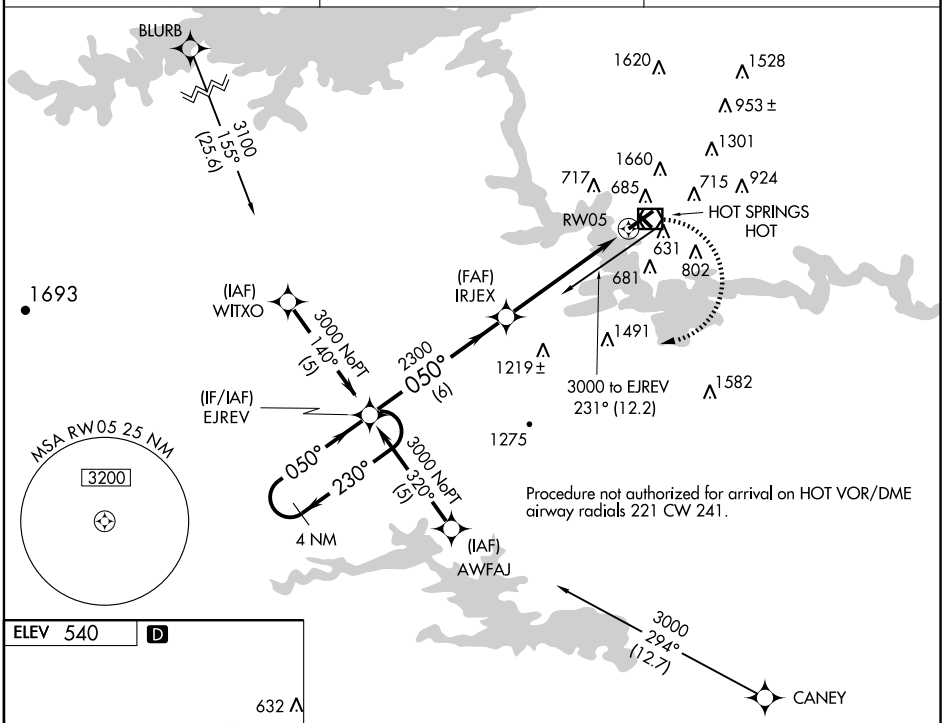
HOT SPRINGS /MEMORIAL FIELD (HOT)

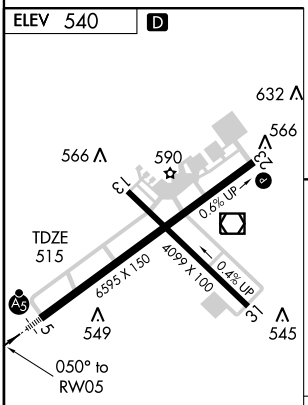
DME/DME RNP-0.3 NA. Circling not authorized northwest of Rwy 5-23. For inoperative MALSR, increase LNAV Cat D visibility to 1¼ mile.

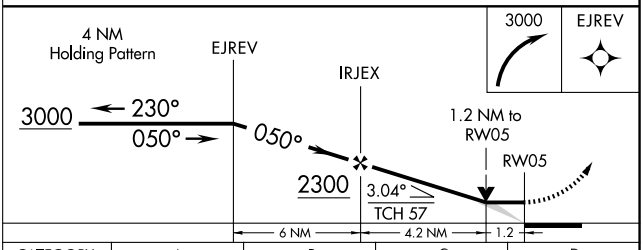
MALSR

MISSED APPROACH: Climbing right turn to 3000 direct EJREV WP and hold.

ASOS	MEMPHIS CENTER	UNICOM
119.925	128.475 377.15	123.0 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	940-½ 425 (400-½)		940-¾ 425 (400-¾)	940-1 425 (400-1)
CIRCLING	1060-1 520 (600-1)		1060-1½ 520 (600-1½)	1120-2 580 (600-2)

HIRL Rwy 5-23 L
MIRL Rwy 13-31 L
REIL Rwy 13 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME HOT	APP CRS	Rwy Idg 6595
110.0	058°	TDZE 515
Chan 37		Apt Elev 540

VOR RWY 5

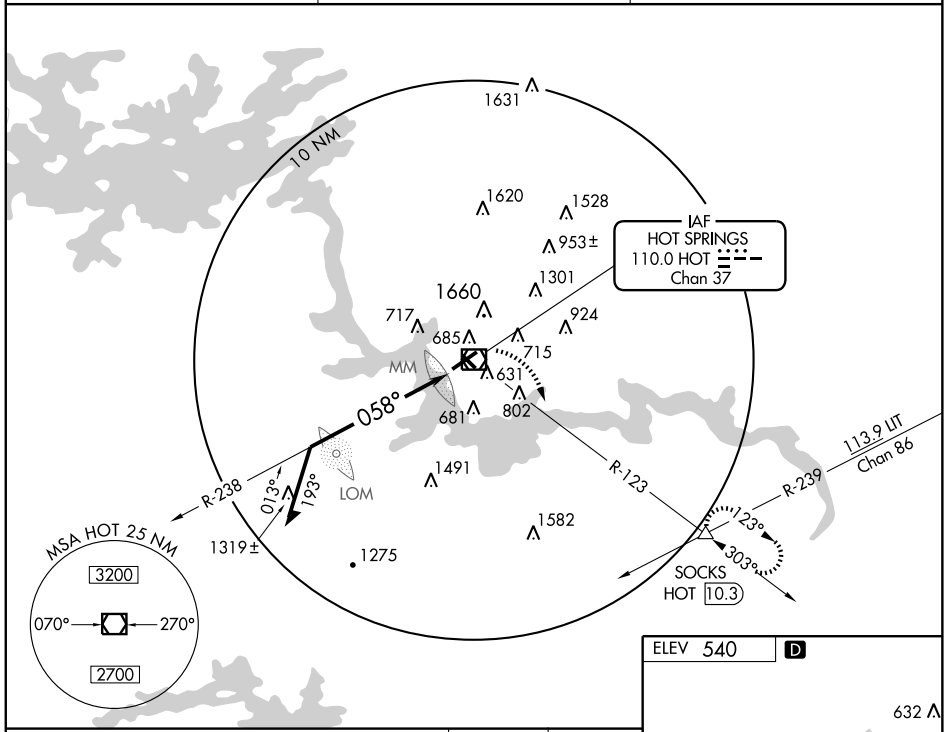
HOT SPRINGS/ MEMORIAL FIELD (HOT)

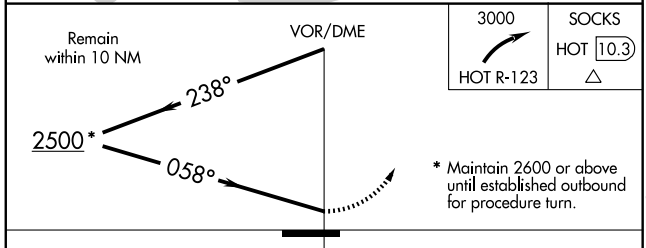
Circling not authorized northwest of Rwy 5-23. Obtain local altimeter setting on CTAF; when not received, use Little Rock altimeter setting. Inoperative table does not apply to Cat. A. For inoperative MALSR, increase S-5 Cat. B visibility to 1½.

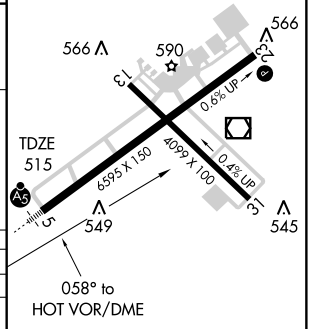
MALSR

MISSED APPROACH: Climbing right turn to 3000 via HOT R-123 to SOCKS Int/HOT 10.3 DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
119.925	128.475 377.15	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-5	1620-1¼ 1105 (1100-1¼)		1620-2½ 1105 (1100-2½)	
CIRCLING	1620-1¼ 1080 (1100-1¼)	1620-1½ 1080 (1100-1½)	1620-3 1080 (1100-3)	
LITTLE ROCK ALTIMETER SETTING MINIMUMS				
S-5	1780-1¼ 1265 (1300-1¼)		1780-2½ 1265 (1300-2½)	
CIRCLING	1780-1¼ 1240 (1300-1¼)	1780-1½ 1240 (1300-1½)	1780-3 1240 (1300-3)	

HIRL Rwy 5-23 L
MIRL Rwy 13-31 L
REIL Rwy 13 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME HOT	APP CRS	Rwy Idg	6595
110.0	058°	TDZE	515
Chan 37		Apt Elev	540

ZAPLE VOR RWY 5

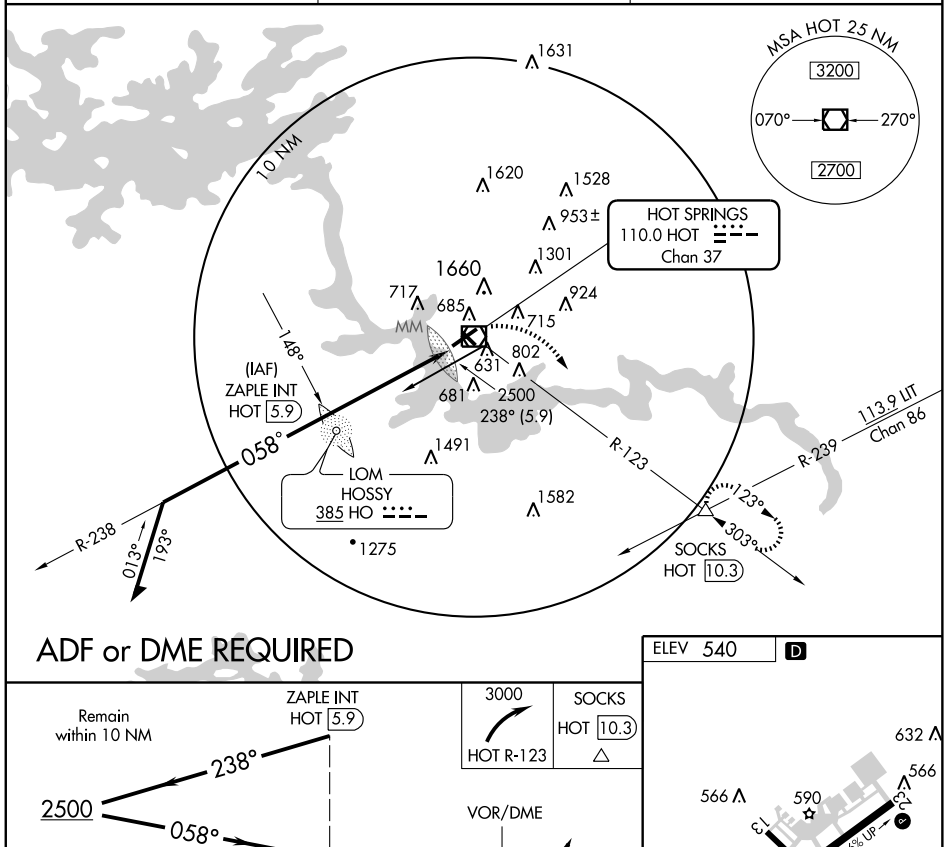
HOT SPRINGS/ MEMORIAL FIELD (HOT)

Circling not authorized northwest of Rwy 5-23. Obtain local altimeter setting on CTAF; when not received, use Little Rock altimeter setting. Memorial Field altimeter setting minimums: for inoperative MALSR, increase S-5 Cat. D visibility to 1¼ .

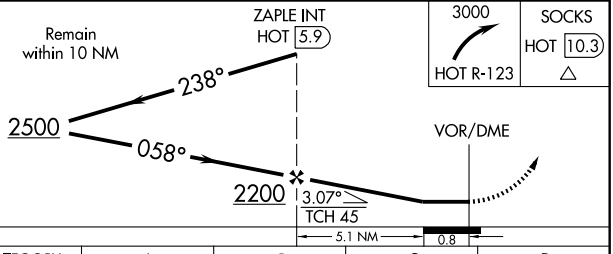
MALSR

MISSED APPROACH: Climb right turn to 3000 via HOT R-123 to SOCKS Int/HOT 10.3 DME and hold.

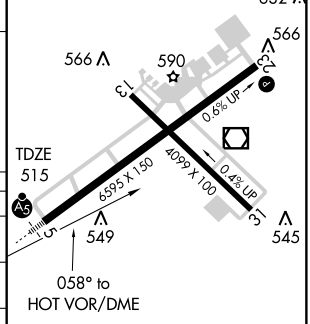
ASOS	MEMPHIS CENTER	UNICOM
119.925	128.475 377.15	123.0 (CTAF) L



ADF or DME REQUIRED



CATEGORY	A	B	C	D
S-5	940-½ 425 (500-½)		940-¾ 425 (500-¾)	940-1 425 (500-1)
CIRCLING	1060-1 520 (600-1)		1060-1½ 520 (600-1½)	1120-2 580 (600-2)
LITTLE ROCK ALTIMETER SETTING MINIMUMS				
S-5	1080-½ 565 (600-½)		1080-1 565 (600-1)	1080-1¼ 565 (600-1¼)
CIRCLING	1200-1 660 (700-1)		1200-1¾ 660 (700-1¾)	1260-2¼ 720 (800-2¼)



HIRL Rwy 5-23 L
MIRL Rwy 13-31 L
REIL Rwy 13 L

SC-1, 17 DEC 2009 to 14 JAN 2010

HUNTSVILLE, ARKANSAS

AL-6945 (FAA)

VORTAC RZC	APP CRS	Rwy Idg	3600
116.4	115°	TDZE	1744
Chan 111		Apt Elev	1749

VOR/DME or GPS RWY 12

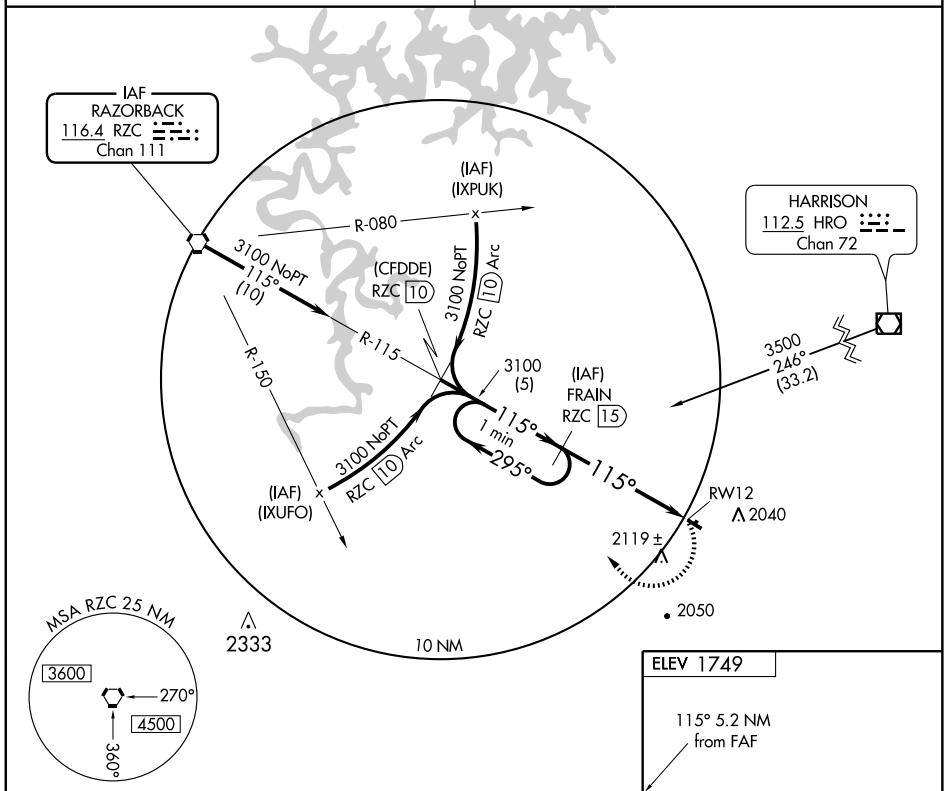
HUNTSVILLE MUNI (H34)

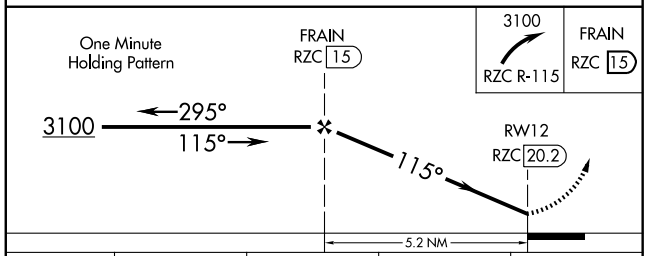
NA Use Fayetteville/Drake Field altimeter setting.

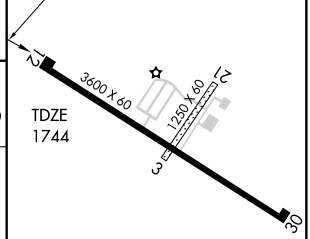
MISSED APPROACH: Climbing right turn to 3100 via RZC R-115 to FRAIN 15 DME and hold.

RAZORBACK APP CON *
126.6 305.2

UNICOM
122.8 (CTAF) L





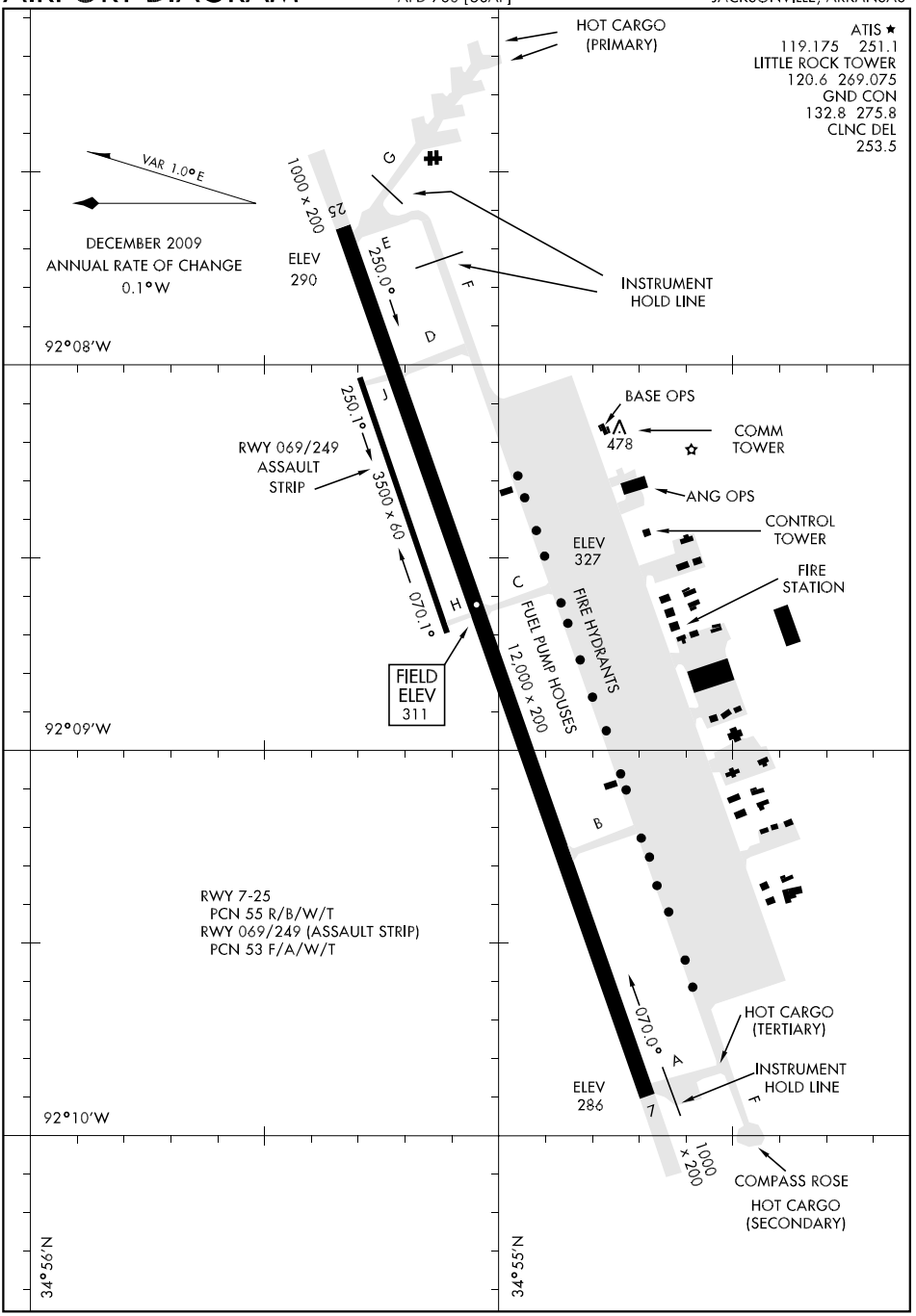


CATEGORY	A	B	C	D
S-12	2500-1 756 (800-1)	2500-1¼ 756 (800-1¼)	2500-2¼ 756 (800-2¼)	NA
CIRCLING	2500-1 751 (800-1)	2500-1¼ 751 (800-1¼)	2500-2¼ 751 (800-2¼)	NA

MIRL Rwy 12-30 L

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010



SC-1, 17 DEC 2009 to 14 JAN 2010

ILS or LOC RWY 25

LOC I-TYV	APCH CRS	Rwy ldg 12,000 / TDZE 299 / Arpt Elev 311	AL-738 [USAF]	LITTLE ROCK AFB (KLRF)
109.9	250°			

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.

ALSF-1 (A1)

MISSED APPROACH: Climb to 1300 then turn right climbing to 3000, intercept LRF TACAN R-340 to 13 DME (HERCK) and hold.

ATIS ★	LITTLE ROCK APP CON	LITTLE ROCK TOWER	GND CON	CLNC DEL
119.175 251.1	119.5 306.2	120.6 269.075	132.8 275.8	253.5

RADAR REQUIRED

R-340 — 160° — 340°

LRF 20

(IAF) HERCK LRF 13 3000

Max holding alt 8000

NoPT 2000 LRF 13 Arc

791

MSA LRF 25 NM 3300

Max holding 230 KIAS
Max holding alt 4000
Do not enter holding from the North

JACKSONVILLE
Chan 29 LRF

774

LRF 11.9

574

LR-060

070°

250°

430

(IAF) HAGUN LRF 13

(IAF) HIKIN LRF 6.9 /RADAR

615

446

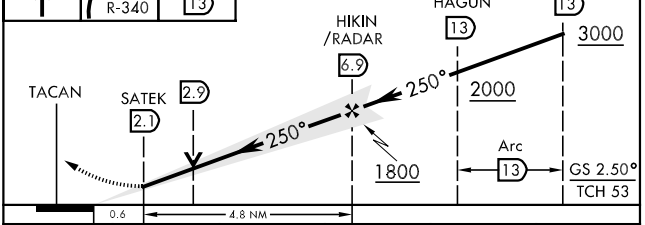
10 NM

LOCALIZER 109.9
I-TYV

EMERG SAFE ALT 100 NM 4100

1300 | 3000 LRF R-340 | HERCK LRF 13

CAUTION: VGSI and Glidepath angles not coincident



ELEV 311

250° 5.4 NM from FAF

ASSAULT STRIP (A1)

338

070° — 250°

486

3500 x 60

424

356

12,000 x 200

TDZE 299

407

441

496

570

517

HIRL Rwy 7-25

CATEGORY	A	B	C	D	E
S-ILS 25 *	499/24		200 (200-½)		
S-LOC/DME 25 **	700/24 401 (400-½)		700/40 401 (400-¾)		700/50 401 (400-1)
CIRCLING	840-1 529 (600-1)	880-1 569 (600-1)	880-1½ 569 (600-1½)	880-2 569 (600-2)	940-2¼ 629 (700-2¼)

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-1, 17 DEC 2009 to 14 JAN 2010

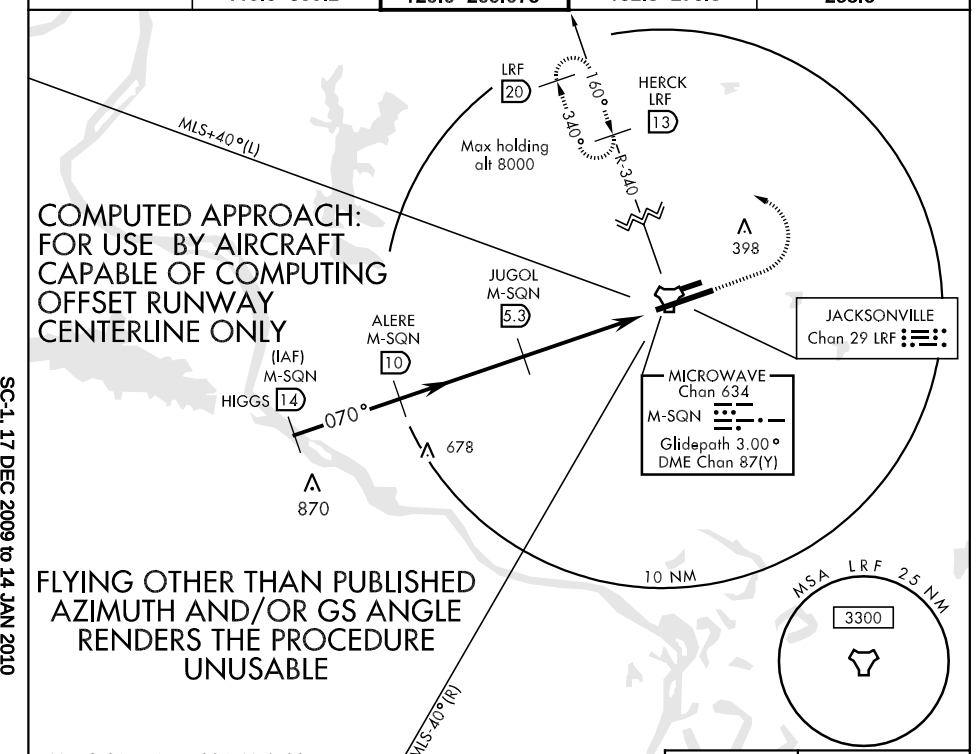
MLS M-SQN Chan 634	APCH CRS 070°	Rwy ldg 12,000 TDZE 308 Arpt Elev 311	AL-738 [USAF]	LITTLE ROCK AFB (KLRF)

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.

ALSF-1 (A1)

MISSED APPROACH: Climb to 1300 then turn left climbing to 3000 intercept LRF TACAN R-340 to 13 DME (HERCK) and hold.

ATIS *	LITTLE ROCK APP CON	LITTLE ROCK TOWER	GND CON	CLNC DEL
119.175 251.1	119.5 306.2	120.6 269.075	132.8 275.8	253.5

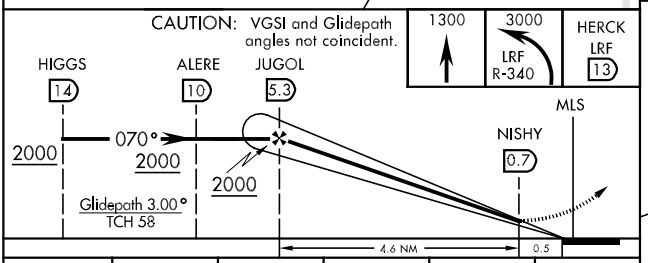


COMPUTED APPROACH: FOR USE BY AIRCRAFT CAPABLE OF COMPUTING OFFSET RUNWAY CENTERLINE ONLY

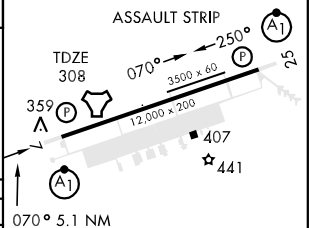
FLYING OTHER THAN PUBLISHED AZIMUTH AND/OR GS ANGLE RENDERS THE PROCEDURE UNUSABLE

EMERG SAFE ALT 100 NM 4100

SC-1, 17 DEC 2009 to 14 JAN 2010



ELEV 311



CATEGORY	A	B	C	D	E
S-MLS 7 *	508/24		200	(200-½)	
S-AZ 7 **	860/24 552 (600-½)		860/50 552 (600-1)	860/60 552 (600-1¼)	860-1½ 552 (600-1½)
CIRCLING	860-1 549 (600-1)	880-1 569 (600-1)	880-1½ 569 (600-1½)	880-2 569 (600-2)	940-2¼ 629 (700-2¼)

HIRL Rwy 7-25

NDB RWY 25

NDB TYV 290	APCH CRS 250°	Rwy ldg 12,000 TDZE 299 Arpt Elev 311	AL-738 [USAF]	LITTLE ROCK AFB (KLRF)

* When ALS inop, increase CAT AB RVR to 60 and vis to 1¼ miles, CAT C vis to 1½ miles, CAT D vis to1¾ miles, CAT E vis to 2 miles.

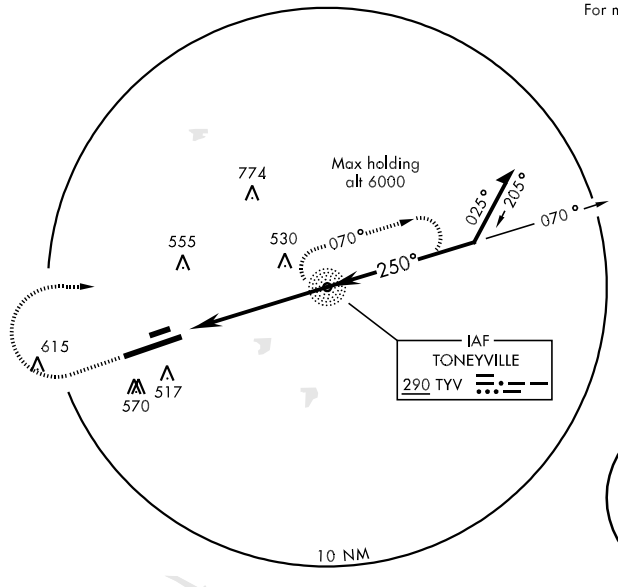
ALSF-1

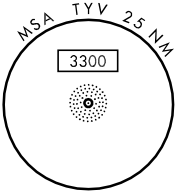
MISSED APPROACH: Climb to 1300, then climbing right turn to 2000 direct TYV NDB and hold.

ATIS ★	LITTLE ROCK APP CON	LITTLE ROCK TOWER	GND CON	CLNC DEL
119.175 251.1	119.5 306.2	120.6 269.075	132.8 275.8	253.5

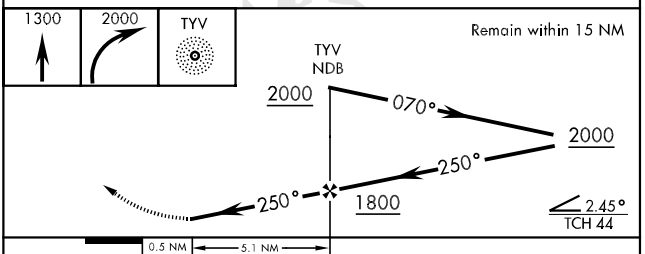
RADAR REQUIRED

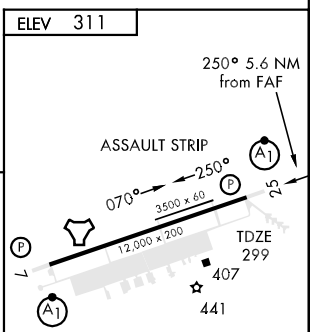
For missed approach





EMERG SAFE ALT 100 NM 4100





CATEGORY	A	B	C	D	E
S-NDB 25 *	880/24 581	(600-½)	880/50 581 (600-1)	880/60 581 (600-1¼)	880-1½ 581 (600-1½)
CIRCLING	880-1 569	(600-1)	880-1½ 569 (600-1½)	880-2 569 (600-2)	940-2¼ 629 (700-2¼)

HIRL Rwy 7-25

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

TACAN RWY 7

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
LRF Chan 29	056°	12,000	308	311

AL-738 [USAF]

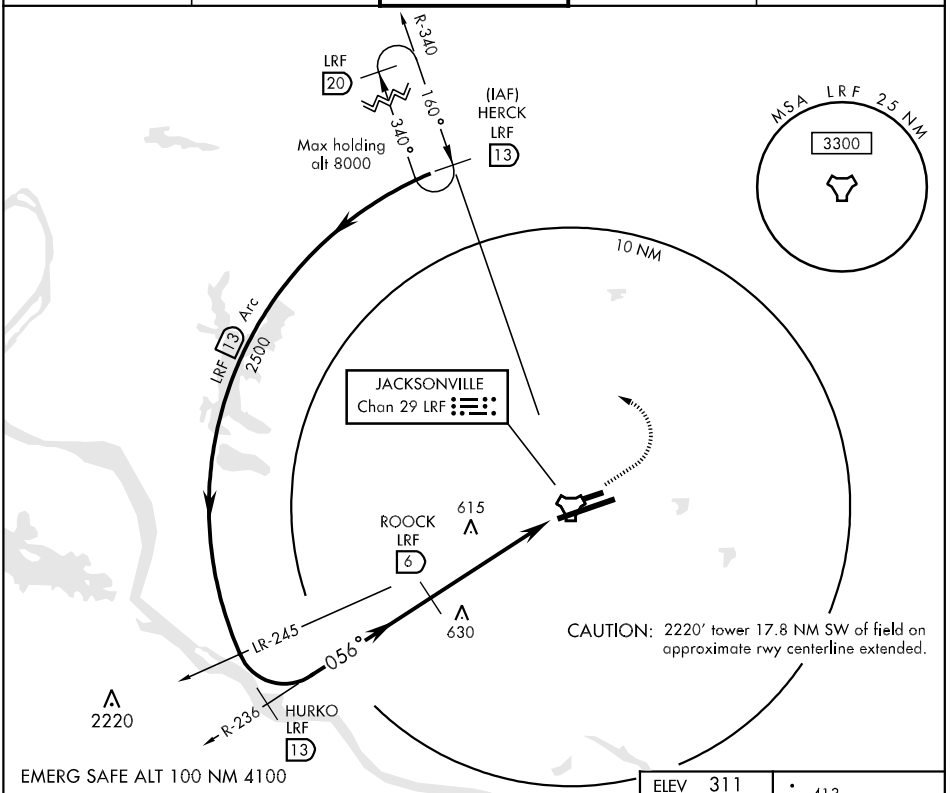
LITTLE ROCK AFB (KLRF)

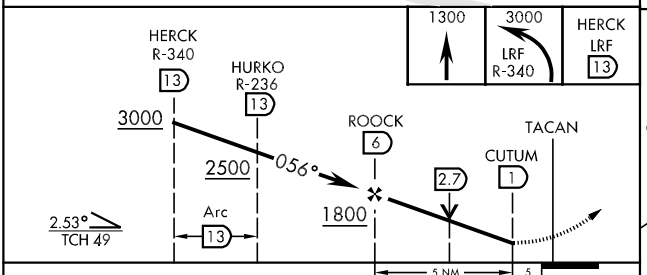
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles and CAT E vis to 2 miles.

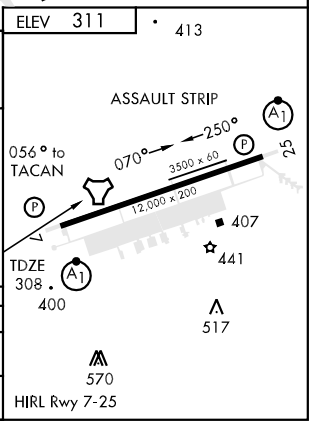
ALSF-1

MISSED APPROACH: Climb to 1300 then turn left climbing to 3000, intercept LRF TACAN R-340 to 13 DME (HERCK) and hold.

ATIS ★	LITTLE ROCK APP CON	LITTLE ROCK TOWER	GND CON	CLNC DEL
119.175 251.1	119.5 306.2	120.6 269.075	132.8 275.8	253.5







CATEGORY	A	B	C	D	E
S-7 *	900/24	592 (600-½)	900/50 592 (600-1)	900/60 592 (600-1¼)	900-1½ 592 (600-1½)
CIRCLING	900-1	589 (600-1)	900-1½ 589 (600-1½)	900-2 589 (600-2)	940-2¼ 629 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 25

TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev	AL-738 [USAF]	LITTLE ROCK AFB (KLRF)
Chan 29	257°	12,000 / 299 / 311		

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

ALSF-1

MISSED APPROACH: Climb to 1300 then turn right climbing to 3000, intercept LRF TACAN R-340 to 13 DME (HERCK) and hold.

ATIS *	LITTLE ROCK APP CON	LITTLE ROCK TOWER	GND CON	CLNC DEL
119.175 251.1	119.5 306.2	120.6 269.075	132.8 275.8	253.5

RADAR REQUIRED

R-340 LRF 20 160° 340° (IAF) HERCK LRF 13

Max holding alt 8000

LRF 13 Arc 2000

791

LR-068 R-077

GETVE LRF 7 257° 407 649

ETABE LRF 13

615

MSA LRF 2.5 NM 3300

JACKSONVILLE Chan 29 LRF

10 NM

EMERG SAFE ALT 100 NM 4100

1300 | 3000 LRF R-340 | HERCK LRF 13

HERCK R-340 13 3000

ETABE R-077 13

GETVE 7

257° 2000

HITKI 3.0

TACAN 2

1800

Arc 13

2.51° TCH 44

.5 5 NM

ELEV 311

257° 5.5 NM from FAF

331°

ASSAULT STRIP

070° 250°

3500 x 60

12,000 x 200

TDZE 299

407 441

496 517 570

HIRL Rwy 7-25

CATEGORY	A	B	C	D	E
S-25 *	740/24 441 (500-½)		740/40 441 (500-¾)	740/50 441 (500-1)	
CIRCLING	840-1 529 (600-1)	880-1 569 (600-1)	880-1½ 569 (600-1½)	880-2 569 (600-2)	940-2¼ 629 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-JBR	APP CRS	Rwy Idg	6200
110.15	228°	TDZE	262
		Apt Elev	262

ILS or LOC RWY 23

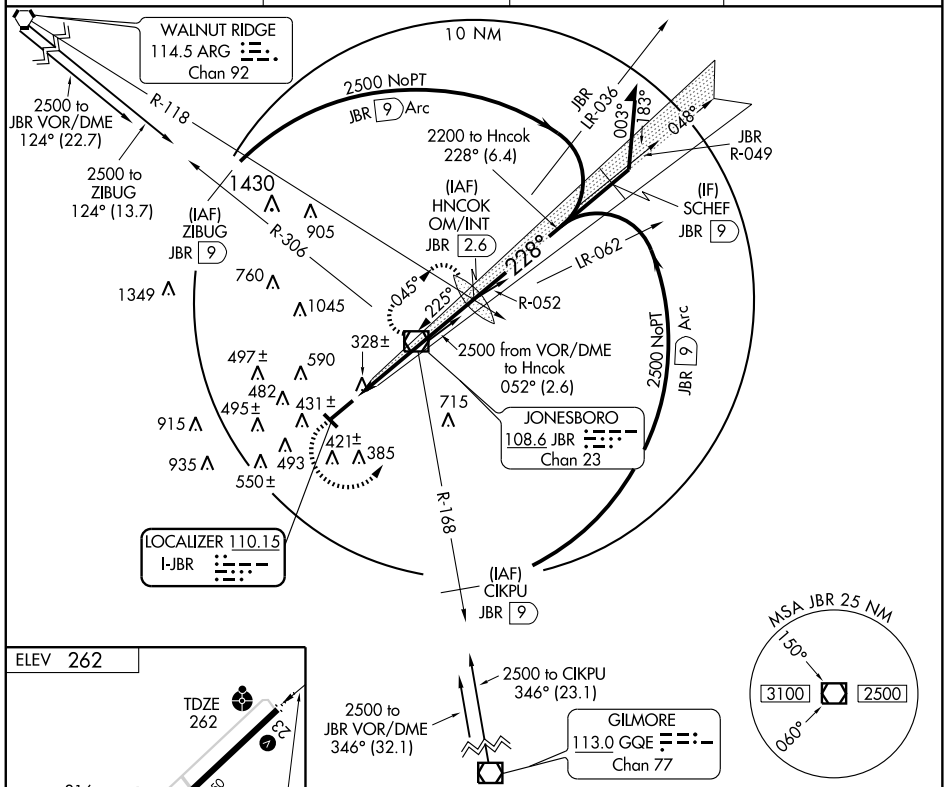
JONESBORO MUNI (JBR)

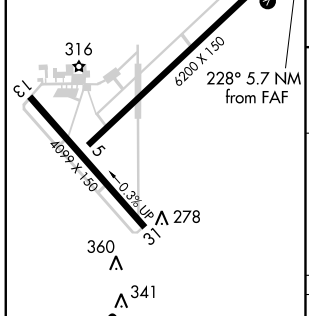
Circling NA northwest of Rwy 5-23. Visibility reduction by helicopters NA. When local altimeter setting not received, use Walnut Ridge altimeter setting; increase DA to 516 feet. Increase all MDAs 60 feet and visibility S-LOC 23 Cat D ¼ mile. Autopilot coupled approach NA below 1327.

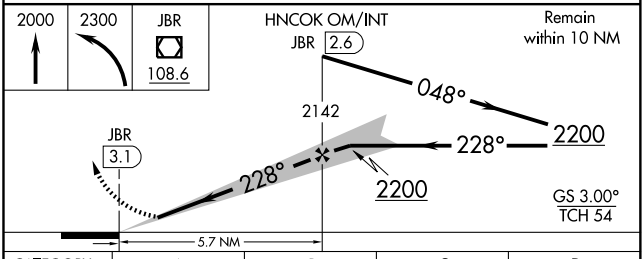
ODALS

MISSED APPROACH: Climb to 2000 then climbing left turn to 2300 direct JBR VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM	CTAF
118.525	120.075 289.4	123.0	123.6 L







FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
S-ILS 23	462-¾ 200 (200-¾)			
S-LOC 23	580-¾ 318 (400-¾)			580-1 318 (400-1)
CIRCLING	760-1 498 (500-1)		760-1½ 498 (500-1½)	820-2 558 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6200
Chan 65806	228°	TDZE	262
W23A		Apt Elev	262

RNAV (GPS) RWY 23

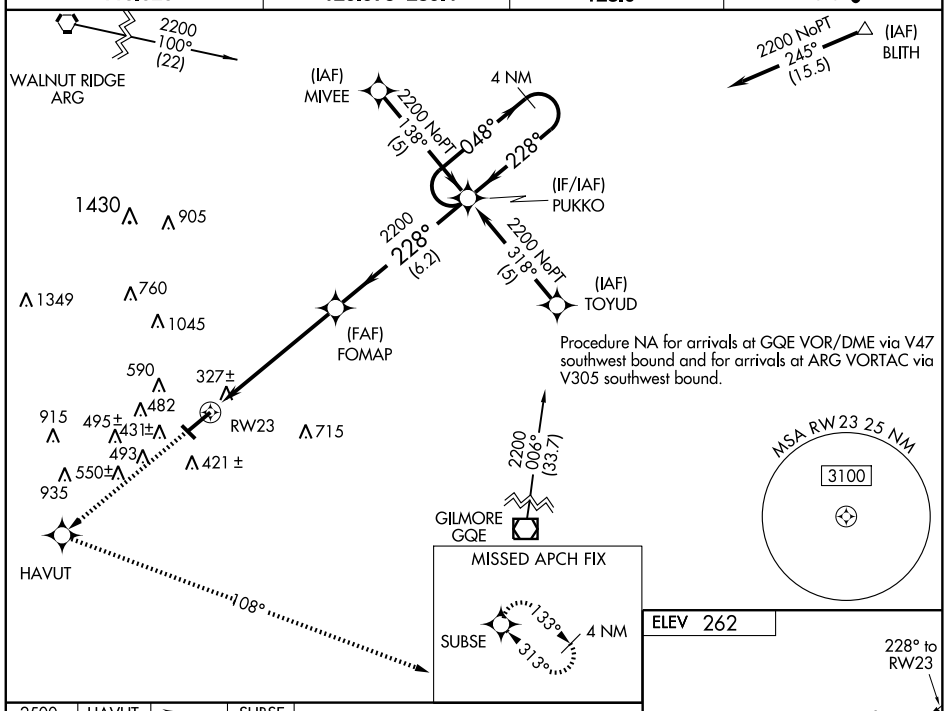
JONESBORO MUNI (JBR)

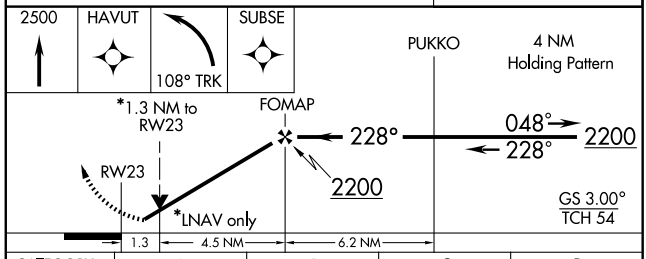
Inoperative table does not apply to LNAV Cat C. Circling NA north of Rwy 5-23.
BARO-VNAV NA when using Walnut Ridge altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Walnut Ridge altimeter setting. When local altimeter setting not received, use Walnut Ridge altimeter setting, increase all DAs 54 feet and all MDAs 60 feet. Increase LPV visibility ¼ mile all Cats and LNAV visibility Cats C and D ¼ mile.

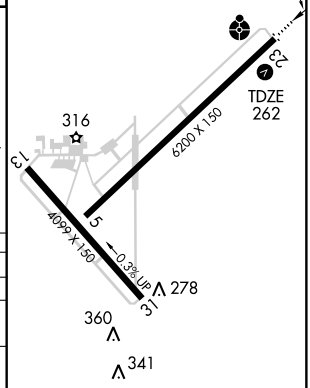
ODALS

MISSED APPROACH: Climb to 2500 direct HAVUT and left turn via 108° track to SUBSE and hold.

ASOS	MEMPHIS CENTER	UNICOM	CTAF
118.525	120.075 289.4	123.0	123.6 L







CATEGORY	A	B	C	D
LPV DA	545-1 283 (300-1)			
LNAV/VNAV DA	593-1¼ 331 (400-1¼)			
LNAV MDA	720-¾ 458 (500-¾)		720-1¼ 458 (500-1¼)	720-1½ 458 (500-1½)
CIRCLING	760-1 498 (500-1)		760-1½ 498 (500-1½)	820-2 558 (600-2)

REIL Rwy 23 L
MIRL Rwys 5-23 and 13-31 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4099
313°	TDZE	258
	Apt Elev	262

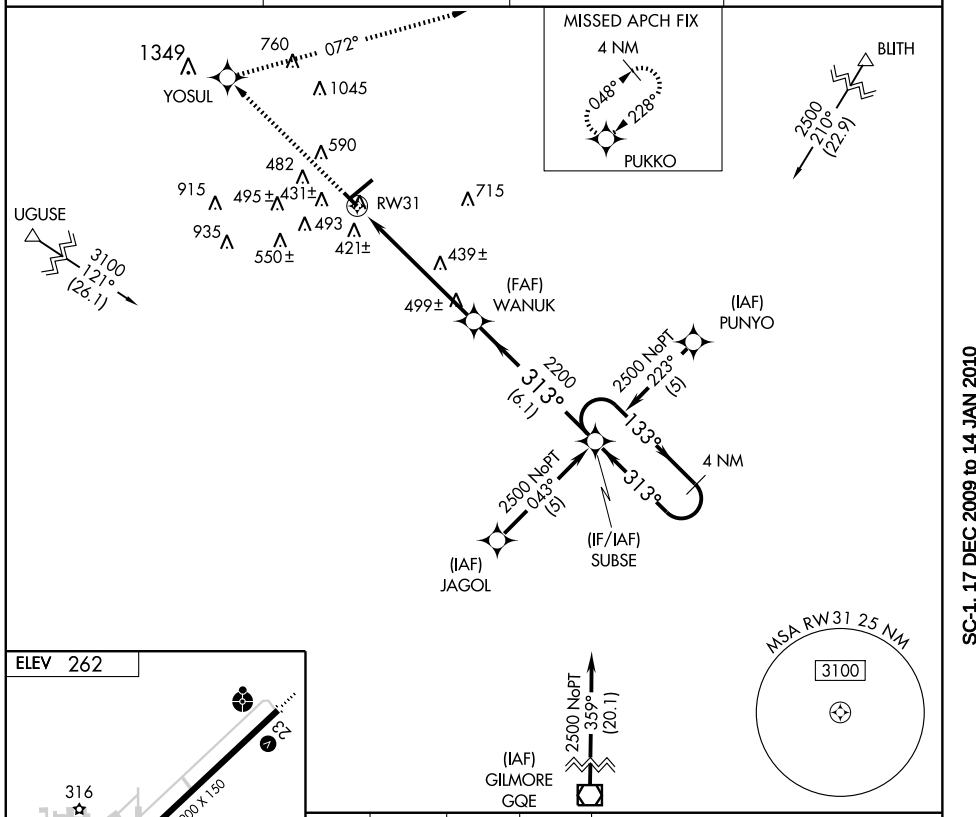
RNAV (GPS) RWY 31

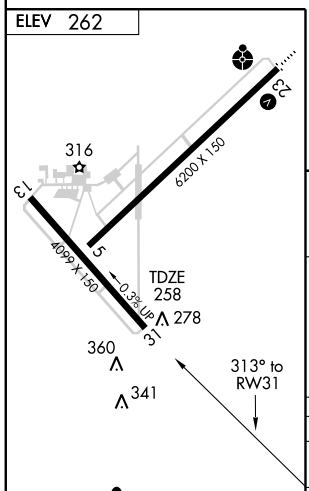
JONESBORO MUNI (JBR)

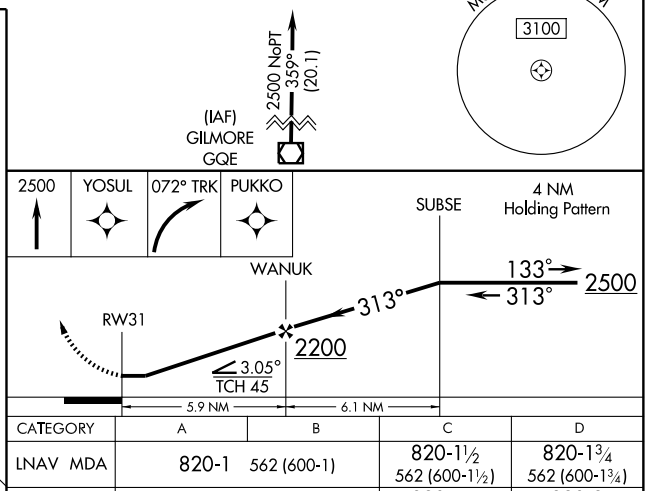
Straight in minimums NA at night. Circling to Rwy 31 NA at night. Circling NA northwest of Rwy 5-23. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Walnut Ridge altimeter setting, increase all MDAs 60 feet and increase LNAV visibility Cats C and D ¼mile. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2500 direct YOSUL and right turn via 072° track to PUKKO and hold.

ASOS	MEMPHIS CENTER	UNICOM	CTAF
118.525	120.075 289.4	123.0	123.6 L







CATEGORY	A	B	C	D
LNAV MDA	820-1	562 (600-1)	820-1½ 562 (600-1½)	820-1¾ 562 (600-1¾)
CIRCLING	820-1	558 (600-1)	820-1½ 558 (600-1½)	820-2 558 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME JBR	APP CRS	Rwy Idg	6200
108.6	225°	TDZE	262
Chan 23		Apt Elev	262

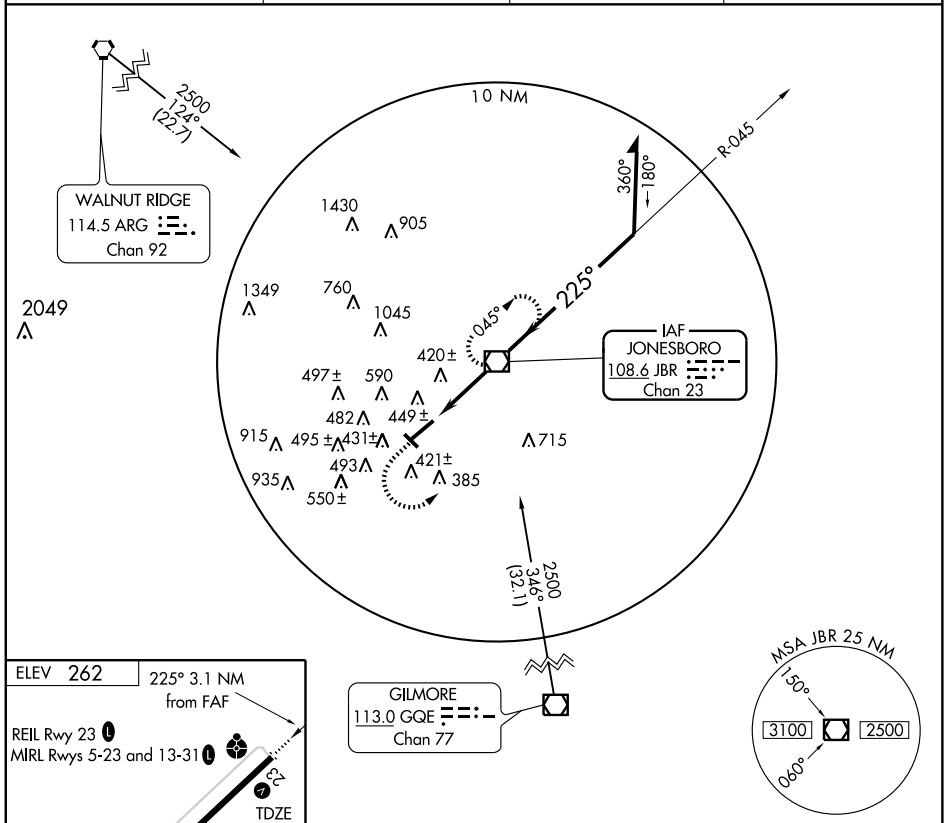
VOR RWY 23
JONESBORO MUNI (JBR)

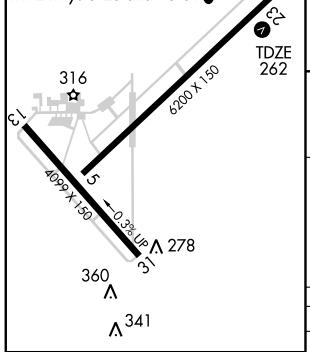
Circling NA north of Rwy 5-23. Inoperative table does not apply to S-23 Cat C. Visibility reduction by helicopters NA. When local altimeter setting not received, use Walnut Ridge Rgnl altimeter setting and increase all MDAs 60 feet.

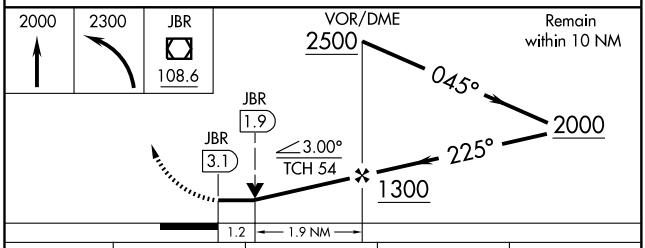
ODALS

MISSED APPROACH: Climb to 2000 then climbing left turn to 2300 direct JBR VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM	CTAF
118.525	120.075 289.4	123.0	123.6 L







FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

CATEGORY	A	B	C	D
S-23	700-¾ 438 (500-¾)		700-1¼ 438 (500-1¼)	700-1½ 438 (500-1½)
CIRCLING	760-1 498 (500-1)		760-1½ 498 (500-1½)	820-2 558 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

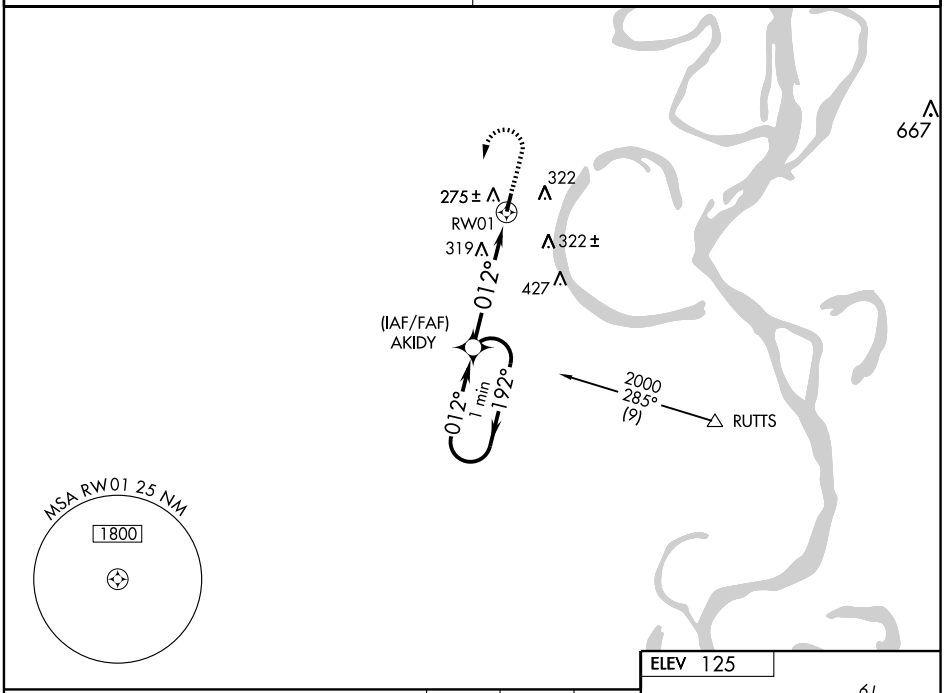
APP CRS	Rwy Idg	4000
012°	TDZE	125
	Apt Elev	125

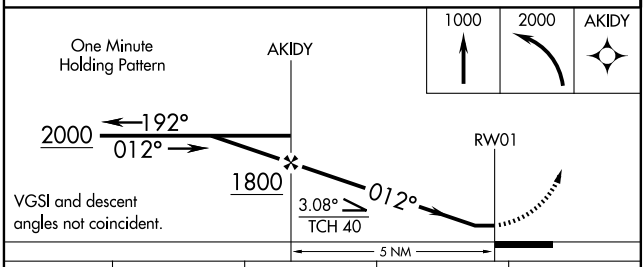
GPS RWY 1
LAKE VILLAGE MUNI (M32)

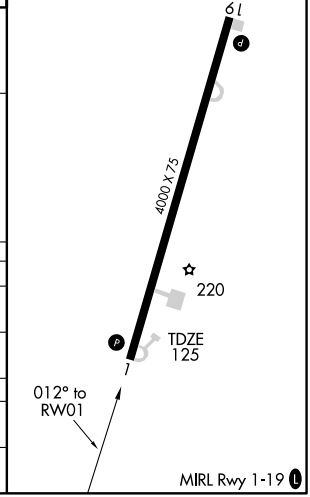
NA Use Greenville, MS (Mid Delta Rgnl) altimeter setting, when not available use Greenwood, MS altimeter setting. Circling not authorized East of runway 1-19.

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct AKIDY WP and hold.

MEMPHIS CENTER	CTAF
135.875 269.35	122.9 L







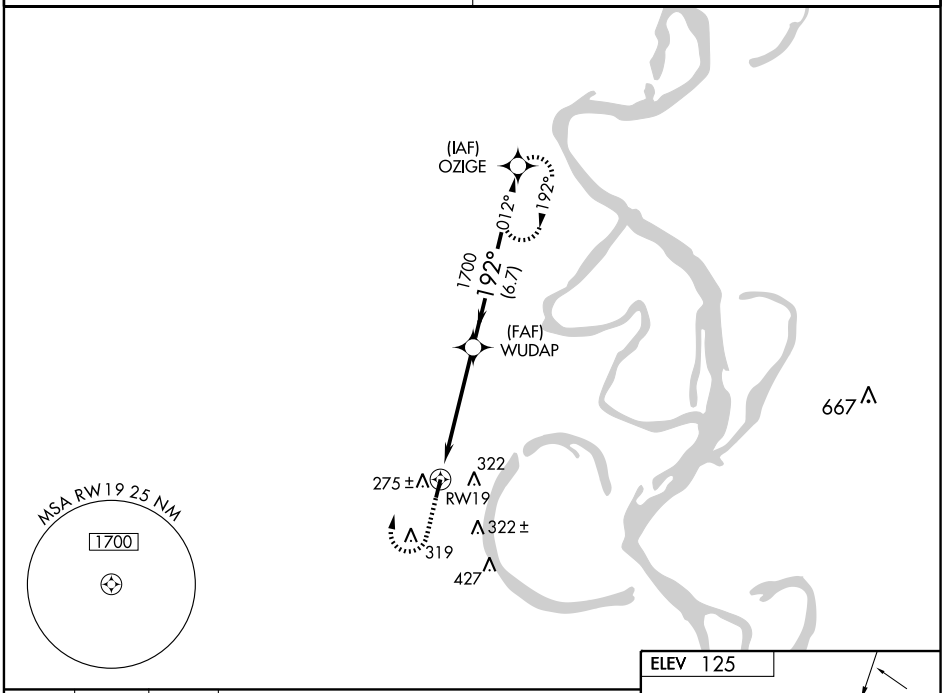
CATEGORY	A	B	C	D
S-1	680-1 555 (600-1)		680-1½ 555 (600-1½)	680-1¾ 555 (600-1¾)
CIRCLING	680-1 555 (600-1)		680-1½ 555 (600-1½)	680-2 555 (600-2)
GREENWOOD, MS ALTIMETER SETTING MINIMUMS				
S-1	780-1 655 (700-1)		780-1¾ 655 (700-1¾)	780-2 655 (700-2)
CIRCLING	780-1 655 (700-1)		780-1¾ 655 (700-1¾)	780-2 655 (700-2)

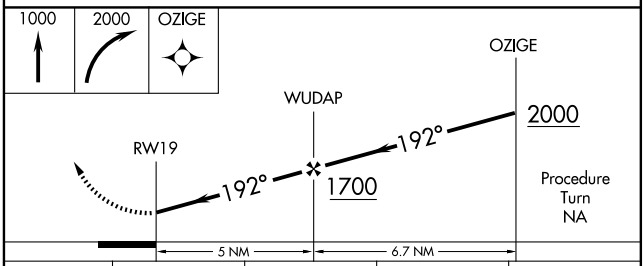
SC-1, 17 DEC 2009 to 14 JAN 2010

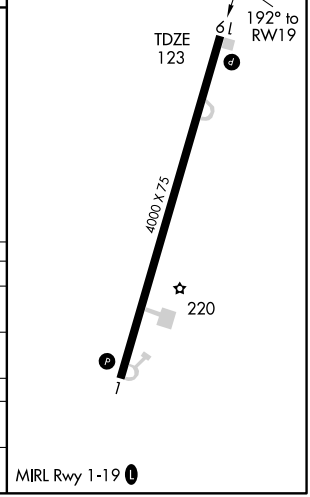
APP CRS		
192°	Rwy Idg	4000
	TDZE	123
	Apt Elev	125

GPS RWY 19
LAKE VILLAGE MUNI (M32)

⚠ NA Use Greenville, MS (Mid Delta Rgnl) altimeter setting, when not available use Greenwood, MS altimeter setting. Circling not authoriized East of runway 1-19.	MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct OZIGE WP and hold.
MEMPHIS CENTER **135.875 269.35**	CTAF **122.9** L







CATEGORY	A	B	C	D
S-19	620-1	497 (500-1)	620-1¼ 497 (500-1¼)	620-1½ 497 (500-1½)
CIRCLING	680-1	555 (600-1)	680-1½ 555 (600-1½)	680-2 555 (600-2)
GREENWOOD, MS ALTIMETER SETTING MINIMUMS				
S-19	740-1	617 (700-1)	740-1¾ 617 (700-1¾)	740-2 617 (700-2)
CIRCLING	780-1	655 (700-1)	780-1¾ 655 (700-1¾)	780-2 655 (700-2)

MIRL Rwy 1-19 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME MON	APP CRS	Rwy Idg	N/A
111.6	119°	TDZE	N/A
Chan 53		Apt Elev	125

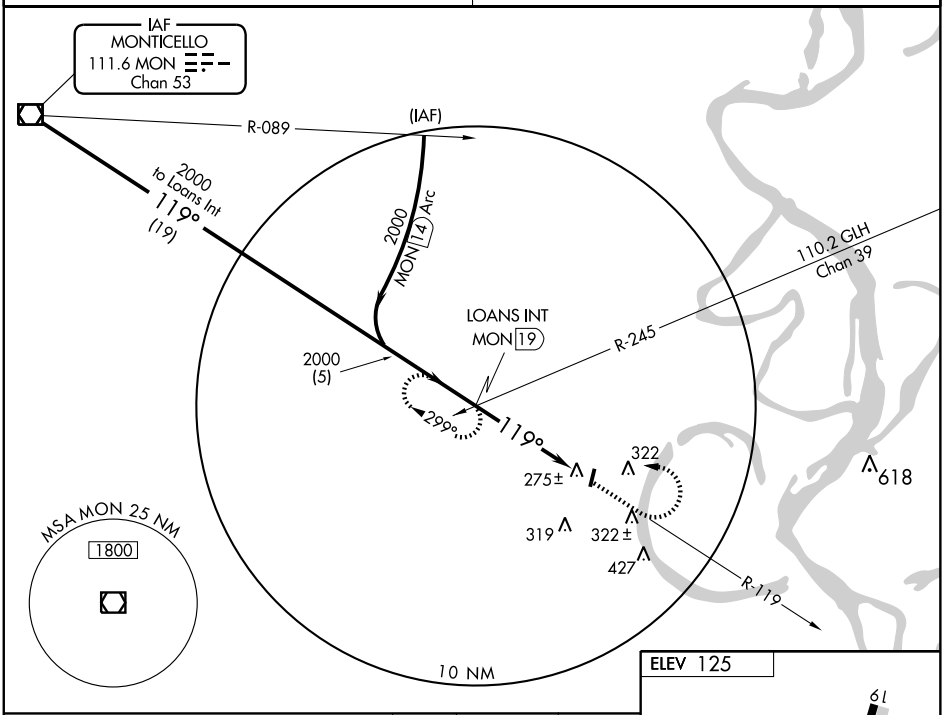
VOR-A

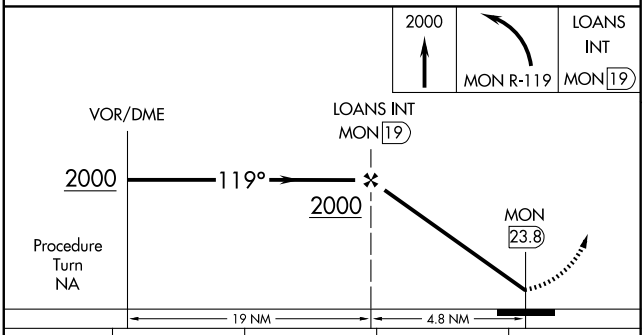
LAKE VILLAGE MUNI (M32)

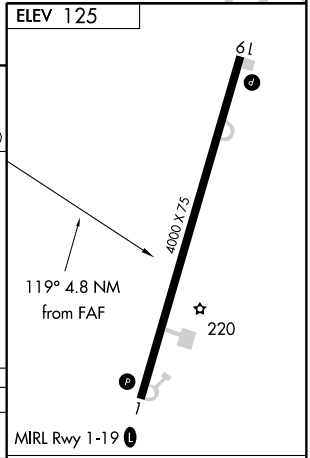
NA Use Greenville, MS (Mid Delta Rgnl) altimeter setting, when not available use Greenwood, MS altimeter setting. Circling not authoriized East of runway 1-19.

MISSED APPROACH: Climb to 2000 then left turn via MON R-119 to LOANS Int and hold.

MEMPHIS CENTER	CTAF
135.875 269.35	122.9 L







CATEGORY	A	B	C	D
CIRCLING	680-1 555 (600-1)	680-1¼ 555 (600-1¼)	680-1½ 555 (600-1½)	680-2 555 (600-2)
GREENWOOD, MS ALTIMETER SETTING MINIMUMS				
CIRCLING	780-1 655 (700-1)	780-1¼ 655 (700-1¼)	780-1¾ 655 (700-1¾)	780-2 655 (700-2)

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME GLH 110.2 Chan 39	APP CRS 234°	Rwy Idg N/A TDZE N/A Apt Elev 125

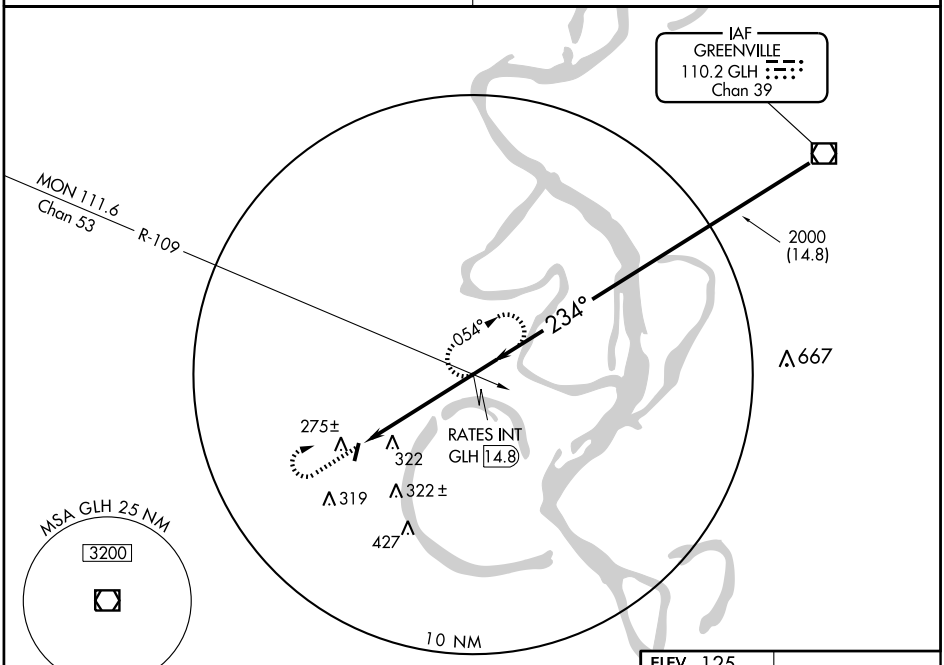
VOR/DME-B

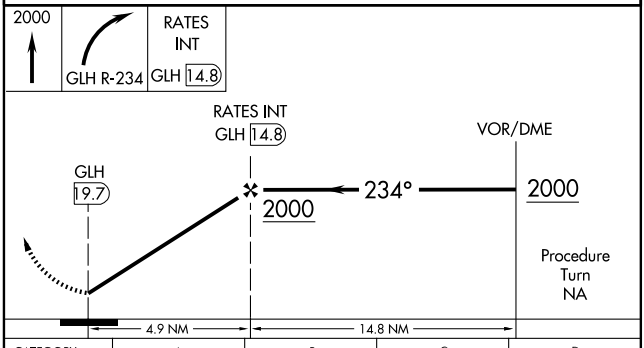
LAKE VILLAGE MUNI (M32)

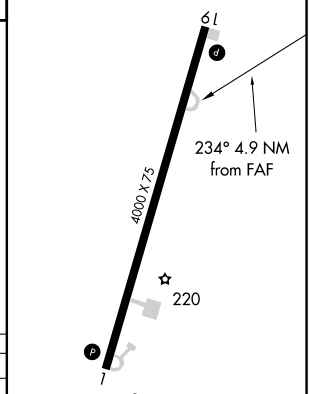
⚠ NA — Use Greenville, MS altimeter setting, when not available use Greenwood, MS altimeter setting. Circling not authoriized East of runway 1-19.

MISSED APPROACH: Climb to 2000 then right turn via GLH R-234 to RATES Int/14.8 DME and hold.

MEMPHIS CENTER	CTAF
135.875 269.35	122.9 L



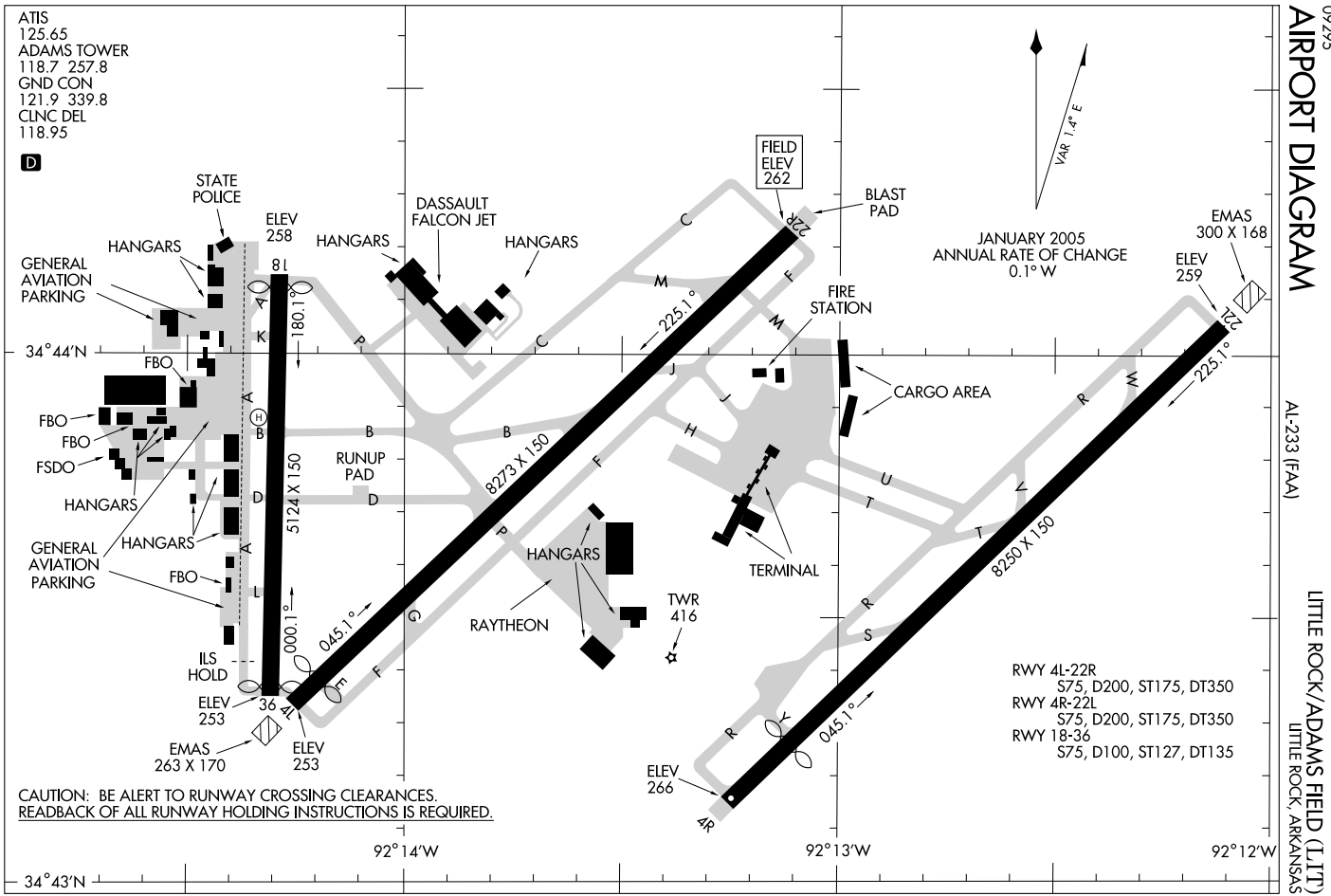




CATEGORY	A	B	C	D
CIRCLING	680-1 555 (600-1)		680-1½ 555 (600-1½)	680-2 555 (600-2)
GREENWOOD, MS ALTIMETER SETTING MINIMUMS				
CIRCLING	780-1 655 (700-1)		780-1¾ 655 (700-1¾)	780-2 655 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010



AIRPORT DIAGRAM

AL-233 (FAA)

LITTLE ROCK/ADAMS FIELD (LIT)

LITTLE ROCK, ARKANSAS

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-LIT	APP CRS	Rwy Idg	7976
110.3	045°	TDZE	258
Chan 40		Apt Elev	262

ILS or LOC RWY 4L

LITTLE ROCK/ADAMS FIELD (LIT)

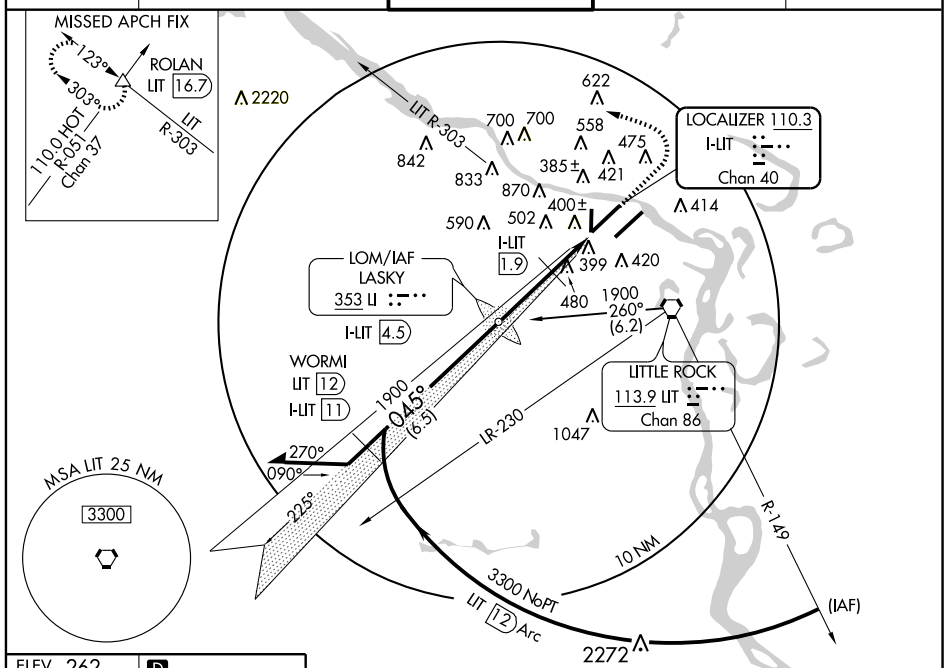
ASR

Inoperative table does not apply to S-ILS 4L all Cats. For inoperative MALSR, increase S-LOC 4L Cats A and B visibility to RVR 5000. Glide slope unusable below 650 for coupled approaches.

MALSR

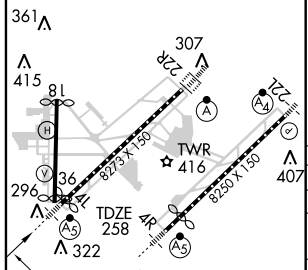
MISSED APPROACH: Climb to 1500 then climbing left turn to 3500 via LIT R-303 to ROLAN Int and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95



ELEV 262 D

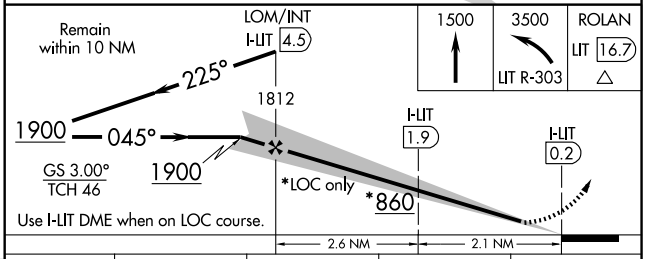
Rwy 18-36 5124 X 150



TDZ/CL Rwy 22R

HIRL Rwys 4R-22L, 4L-22R and 18-36

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S-ILS 4L	508/40 250 (300-¾)			
S-LOC 4L	860/40 602 (600-½)		860/60 602 (600-1¼)	860-1½ 602 (600-1½)
CIRCLING	860-1 598 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)
DME MINIMUMS				
S-LOC 4L	720/40 462 (500-¾)		720/40 462 (500-¾)	720/50 462 (500-1)
CIRCLING	800-1 538 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-CNL	APP CRS	Rwy Idg	7200
111.3	045°	TDZE	260
Chan 50		Apt Elev	266

ILS or LOC RWY 4R

LITTLE ROCK/ADAMS FIELD (LIT)

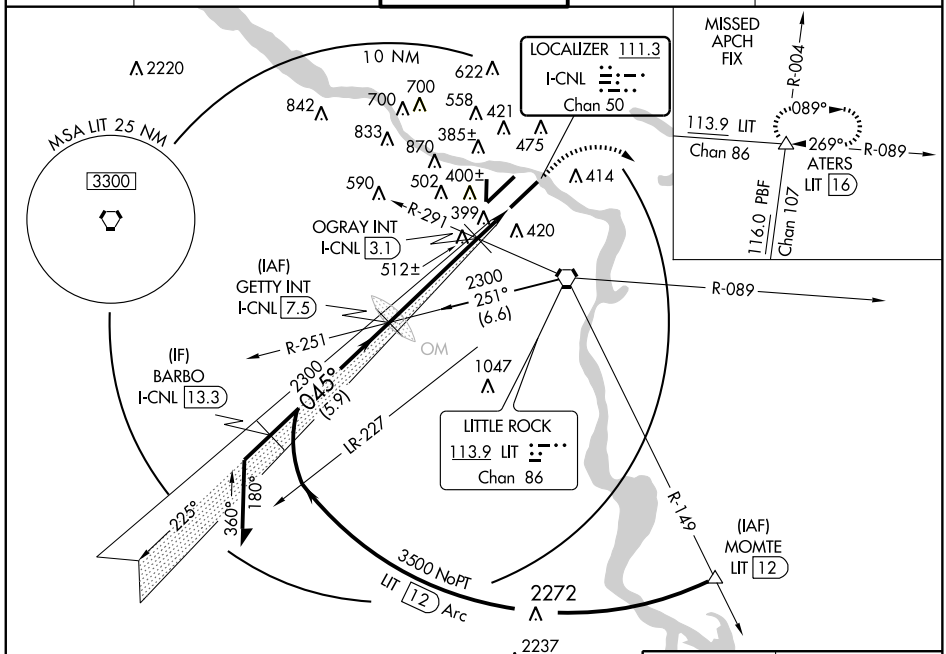
Visibility reduction by helicopters NA. Inoperative table does not apply to S-ILS 4R. For inoperative MALSR, increase S-LOC 4R Cat A/B visibility to RVR 5000.

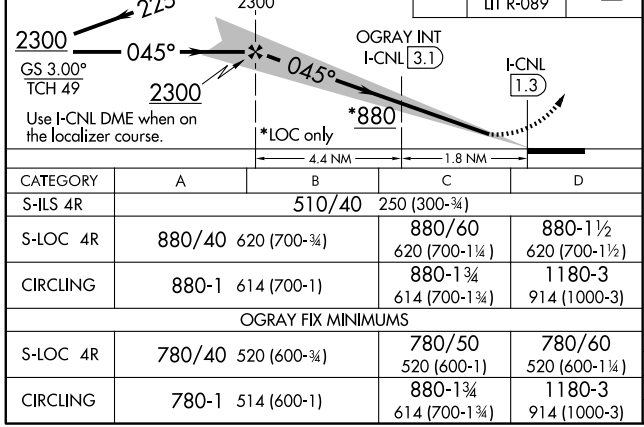
ASR

MALSR

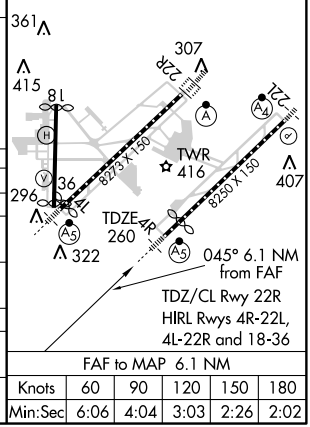
MISSED APPROACH: Climb to 800 then climbing right turn to 4000 via heading 110° and LIT R-089 to ATERS INT/LIT 16 DME and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95





CATEGORY	A	B	C	D
S-ILS 4R		510/40	250 (300-¾)	
S-LOC 4R	880/40	620 (700-¾)	880/60 620 (700-1¼)	880-1½ 620 (700-1½)
CIRCLING	880-1	614 (700-1)	880-1¾ 614 (700-1¾)	1180-3 914 (1000-3)
OGRAY FIX MINIMUMS				
S-LOC 4R	780/40	520 (600-¾)	780/50 520 (600-1)	780/60 520 (600-1¼)
CIRCLING	780-1	514 (600-1)	880-1¾ 614 (700-1¾)	1180-3 914 (1000-3)



FAF to MAP 6.1 NM

Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BWY	APP CRS	Rwy Idg	8250
110.7	226°	TDZE	260
Chan 44		Apt Elev	262

ILS or LOC RWY 22L

LITTLE ROCK/ ADAMS FIELD (LIT)

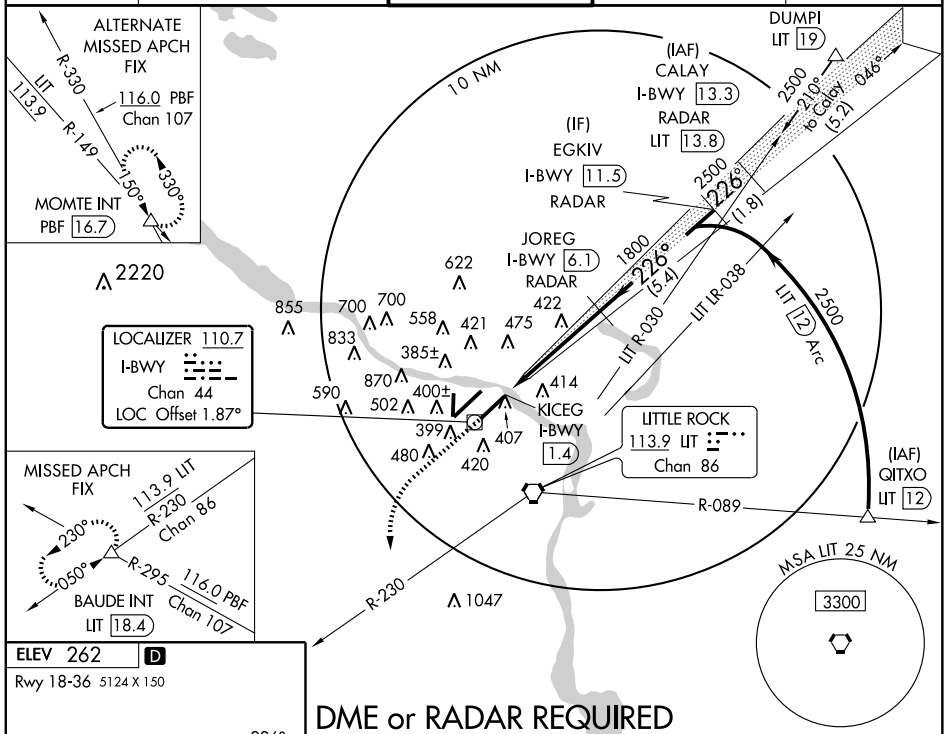
ASR

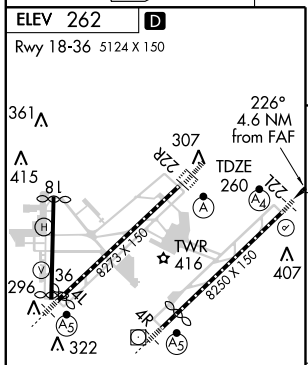
DME or radar required. VDP NA when using Stuttgart altimeter setting. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet and all MDA 100 feet. Increase S-ILS visibility to RVR 6000, S-LOC Cat C visibility to RVR 6000, Cat D to 1½ miles and circling Cat C to 2 miles.

MALSF

MISSED APPROACH: Climb to 800 then climbing left turn to 3000 via heading 170° and LIT R-230 to BAUDE Int/LIT 18.4 DME and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95



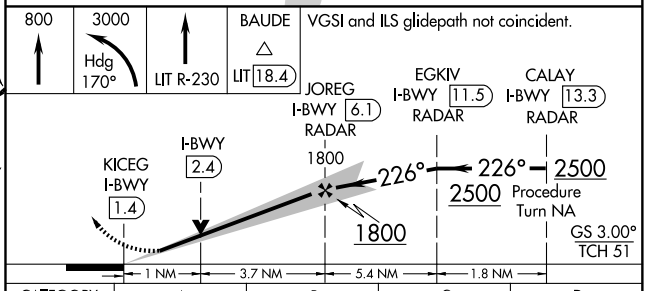


TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

DME or RADAR REQUIRED



CATEGORY	A	B	C	D
S-ILS 22L	510/40 250 (300-¾)			
S-LOC 22L	640/40 380 (400-¾)			
CIRCLING	800-1 538 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AAY	APP CRS	Rwy Idg	8273
110.3	225°	TDZE	262
Chan 40		Apt Elev	262

ILS or LOC RWY 22R

LITTLE ROCK/ADAMS FIELD (LIT)

VDP NA when using Stuttgart altimeter setting. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet, all MDA 100 feet. Increase S-ILS visibility to RVR 4000, increase S-LOC 22R Cat C visibility to RVR 5000, Cat D visibility to RVR 6000 and circling Cat C visibility to 2 miles.

ASR

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing right turn to 2300 via LIT VORTAC R-250 to BEGAN Int/LIT 22 DME and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95

DME REQUIRED

ALTERNATE MISSED APCH FIX

090° 270°

CONWAY 302 CWS

2000 NoPT to Highs Int 225° (7.3)

045°

(IF) HIGHS INT LIT 12 PBF 37.1 I-AAY 11.7

(IAF) DUMPI I-AAY 18.9

1700 225° (6.2)

R-004

(IAF) SHERR OM/INT I-AAY 5.5

270° 090°

225°

LIT R-023

LIT R-030

2220

622

700 700 558 421 475 422

842 833 385± 870 400± 414 502 MM IM 399 480 420

LOCALIZER 110.3 I-AAY Chan 40

10 NM

R-345

1900 004° (6.4)

MISSED APCH FIX

BEGAN LIT 22 113.9 LIT Chan 86

R-297

R-250 070° 250° 116.0 PBF Chan 107

LITTLE ROCK 113.9 LIT Chan 86

1047

Procedure NA for arrival at LIT VORTAC via V305 and V124 southwest bound.

116.0 PBF Chan 107

MSA LIT 25 NM 3300

ELEV 262 D

Rwy 18-36 5124 X 150

225° 4 NM from FAF

361 307 415 TDZE 262 18 36 TWR 416 407 296 322

8273 X 150 8250 X 150

TDZ/CL Rwy 22R

HIRL Rwys 4R-22L, 4L-22R and 18-36

FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

1000 2300 LIT R-250 BEGAN LIT 22

SHERR OM/INT I-AAY 5.5

Remain within 10 NM

045° 1900

I-AAY 2.5 1601

IM I-AAY 1.5 MM 225° 1700

GS 3.00° TCH 59

0.1 0.3 0.7 NM 2.9 NM

CATEGORY	A	B	C	D
S-ILS 22R	462/18 200 (200-½)			
S-LOC 22R	680/24 418 (500-½)		680/40 418 (500-¾)	
CIRCLING	800-1 538 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AAY	APP CRS	Rwy Idg	8273
110.3	225°	TDZE	262
Chan 40		Apt Elev	262

ILS RWY 22R (CAT II)

LITTLE ROCK/ADAMS FIELD (LIT)

ASR

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing right turn to 2300 via LIT VORTAC R-250 to BEGAN Int/LIT 22 DME and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95

ALTERNATE MISSED APCH FIX
090°
270°
CONWAY
302 CWS

DME REQUIRED

(IF) HIGHS INT
LIT 12
PBF 37.1
I-AAY 11.7

2000 NoPT to Highs Int 225° (7.3)

045°

(IAF) DUMPI
I-AAY 18.9

1700
225° (6.2)

R-004

(IAF) SHERR OM/INT
I-AAY 5.5

622

225°

270°
090°

LIT R-023

LIT R-030

2220

700 700 558 421 475 422

LOCALIZER 110.3
I-AAY
Chan 40

842 833 385± 870 400± 502 414

IM MM

399 480 420

1900
004° (6.4)

10 NM

R-345

MISSED APCH FIX
BEGAN
LIT 22
113.9 LIT
Chan 86
R-297
R-250
070°
250°
116.0 PBF
Chan 107

R-250

LITTLE ROCK
113.9 LIT
Chan 86

1047

Procedure NA for arrival at LIT VORTAC via V305 and V124 southwest bound.

MSA LIT 25 NM
3300

1166.0 PBF
Chan 107

ELEV 262 D
Rwy 18-36 5124 X 150

361 307 415 8l 2R 22L 36 18 4R 22R 296 407 322

8273 X 150
8250 X 150
TWR
416

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

1000	2300	BEGAN
	LIT R-250	LIT 22

SHERR OM/INT
I-AAY 5.5

Remain within 10 NM

045°

1601

MM

DH
RA128

IM

225°

1900

1700

262 MSL

GS 3.00°
TCH 59

120' 783' 1619' 3.6 NM

CATEGORY	A	B	C	D
S-ILS 22R	RA 128/12 100 DA 362			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AAY	APP CRS	Rwy Idg	8273
110.3	225°	TDZE	262
Chan 40		Apt Elev	262

ILS RWY 22R (CAT III)

LITTLE ROCK/ADAMS FIELD (LIT)

ASR

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing right turn to 2300 via LIT VORTAC R-250 to BEGAN Int/LIT 22 DME and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95

ALTERNATE MISSED APCH FIX

090° 270°

CONWAY 302 CWS

DME REQUIRED

2000 NoPT to Highs Int 225° (7.3)

045°

(IF) HIGHS INT LIT 12 PBF 37.1 I-AAY 11.7

(IAF) DUMPI I-AAY 18.9

1700 225° (6.2)

R-004

(IAF) SHERR OM/INT I-AAY 5.5

270° 090°

225°

LIT R-023

LIT R-030

2220

622

700 700

558

421 475

422

LOCALIZER 110.3 I-AAY Chan 40

855

833

385±

870

400±

414

502

MM

IM

399

480

420

1900 004° (6.4)

10 NM

R-345

MISSED APCH FIX

BEGAN LIT 22

113.9 LIT Chan 86

R-297

R-250

070°

250°

116.0 PBF Chan 107

LITTLE ROCK 113.9 LIT Chan 86

1047

Procedure NA for arrival at LIT VORTAC via V305 and V124 southwest bound.

MSA LIT 25 NM

3300

ELEV 262 D

Rwy 18-36 5124 X 150

361

TDZE 262

307

22R

415

18

22L

A

A4

H

V

V

36

8273 X 150

TWR 416

407

296

4L

4R

8250 X 150

A5

A5

322

TDZ/CL Rwy 22R

HIRL Rwys 4R-22L, 4L-22R and 18-36

1000	2300	BEGAN
	LIT R-250	LIT 22

SHERR OM/INT I-AAY 5.5

Remain within 10 NM

MM 1601

447

045°

1900

IM

362

225°

1700

262 MSL

225°

GS 3.00°

TCH 59

120' 783' 1620' 3.6 NM

CATEGORY	A	B	C	D
S-ILS 22R	CAT IIIa RVR 07			
S-ILS 22R	CAT IIIb RVR 06			
S-ILS 22R	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7976
CH 90411	044°	TDZE	258
W04A		Apt Elev	262

RNAV (GPS) RWY 4L

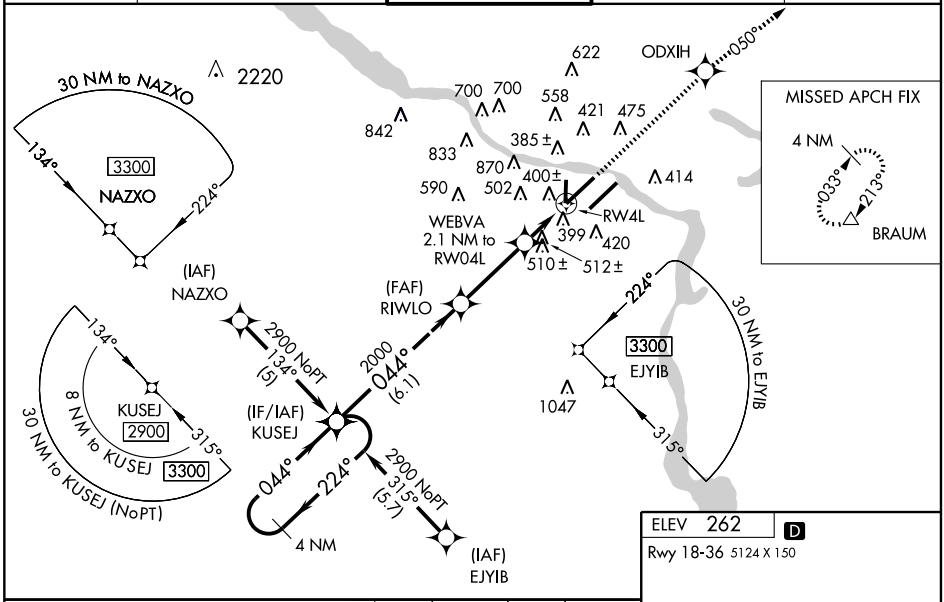
LITTLE ROCK/ADAMS FIELD (LIT)

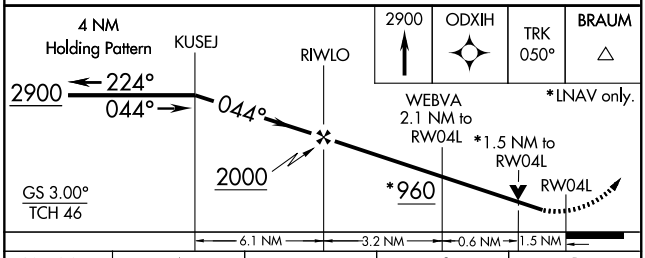
For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet and all MDA 100 feet; increase LNAV/VNAV all Cats visibility ¼ mile, increase LNAV Cat C and D visibility ¼ mile, and increase circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Stuttgart altimeter setting. For inoperative MALSR increase LNAV Cat A and B visibility to RVR 5000. For inoperative MALSR, when using Stuttgart altimeter setting, increase LPV all Cats visibility to RVR 6000, LNAV Cat A and B visibility to RVR 5000.

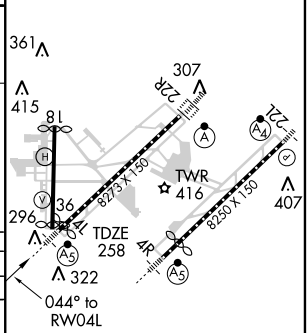
MALSR

MISSED APPROACH: Climb to 2900 direct ODXIH and via 050° track to BRAUM and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95







CATEGORY	A	B	C	D
LPV DA	540/40 282 (300-¾)			
LNAV/VNAV DA	820-1½ 562 (600-1½)			
LNAV MDA	780/40 522 (600-¾)		780/50 522 (600-1)	780/60 522 (600-1¼)
CIRCLING	780-1 518 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

WAAS CH 70611 W04B	APP CRS 044°	Rwy Idg 7200 TDZE 260 Apt Elev 262

RNAV (GPS) RWY 4R

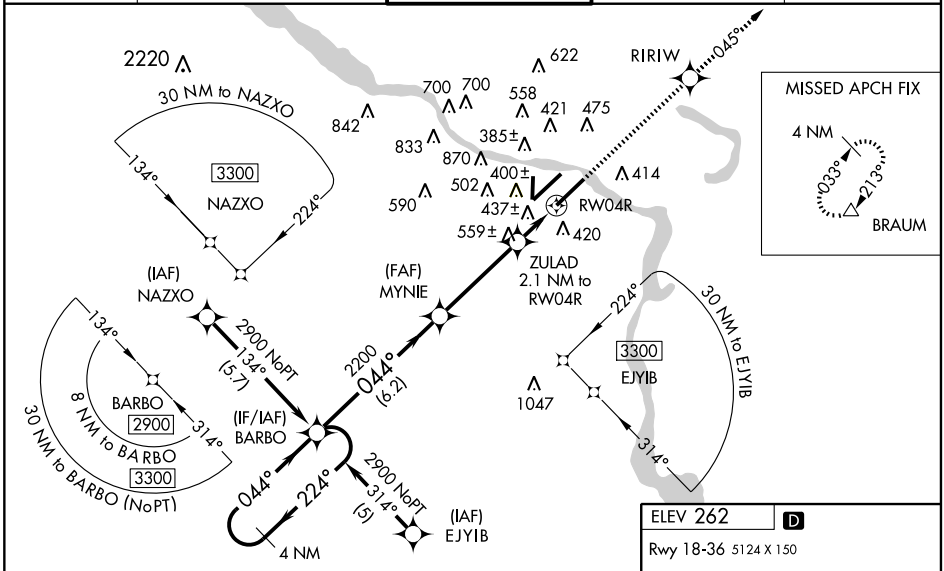
LITTLE ROCK/ADAMS FIELD (LIT)

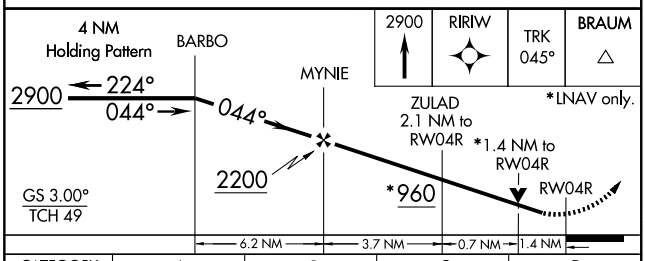
For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet and all MDA 100 feet; increase LPV all Cats visibility ¼ mile, increase LNAV/VNAV all Cats visibility ¼ mile, increase LNAV Cat C and D visibility ¼ mile, and increase Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Stuttgart altimeter setting. For inoperative MALSR increase LNAV Cat A and B visibility to RVR 5000 and Cat C visibility to RVR 6000. For inoperative MALSR, when using Stuttgart altimeter setting, increase LPV all Cats visibility to 1½ miles, increase LNAV Cat A and B visibility to RVR 5000.

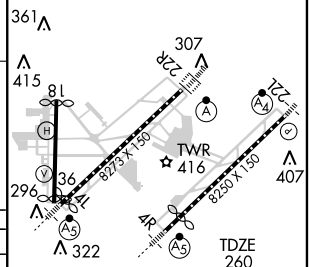
MALSR

MISSED APPROACH: Climb to 2900 direct RIRIW and via 045° track to BRAUM and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95







CATEGORY	A	B	C	D
LPV DA	574/40 314 (400-¾)			
LNAV/VNAV DA	728/60 468 (500-1¼)			
LNAV MDA	760/40 500 (500-¾)			760/50 500 (500-1)
CIRCLING	760-1 498 (500-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R, and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5024
180°	TDZE	258
	Apt Elev	262

RNAV (GPS) RWY 18

LITTLE ROCK/ADAMS FIELD (LIT)

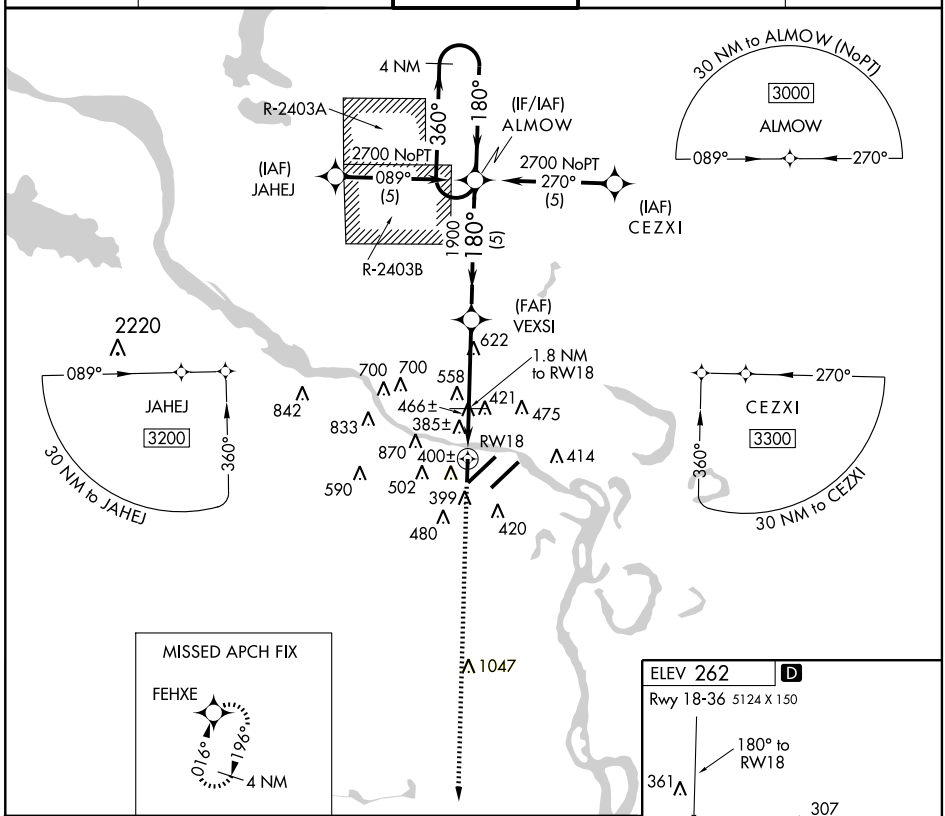
GPS or RNP-0.3 required. DME/DME RNP 0.3 NA. Procedure not authorized when restricted areas R-2403A and R-2403B in effect.

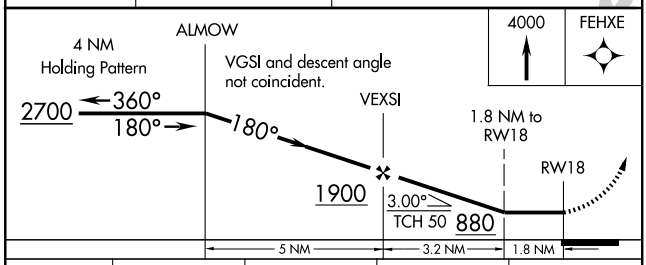
NA

ASR

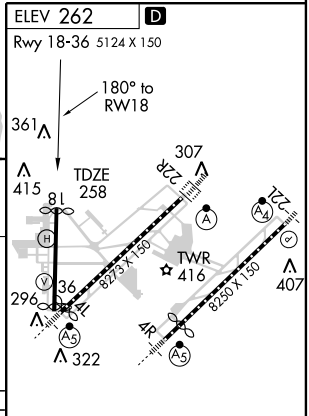
MISSED APPROACH: Climb to 4000 direct FEHXE WP and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95





CATEGORY	A	B	C	D
LNAV MDA	720-1	462 (500-1)	720-1¼ 462 (500-1¼)	720-1½ 462 (500-1½)
CIRCLING	760-1	498 (500-1)	880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)



TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8250
CH 42811	225°	TDZE	260
W22A		Apt Elev	262

RNAV (GPS) RWY 22L

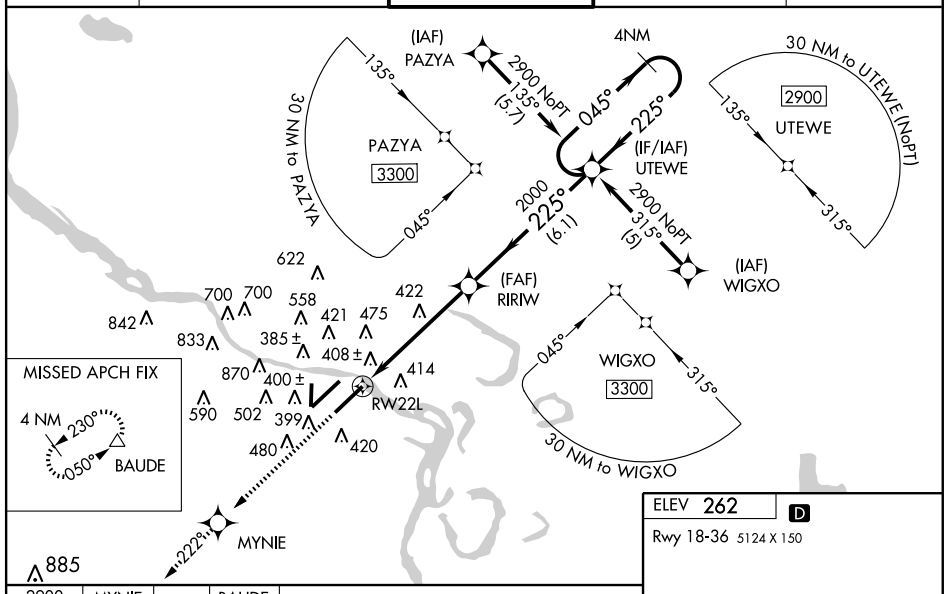
LITTLE ROCK/ADAMS FIELD (LIT)

For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet and all MDA 100 feet; and increase LPV all Cats, LNAV/VNAV all Cats, LNAV Cat C and circling Cat C visibility ¼ mile. Increase LNAV Cat D visibility ½ mile. Baro-VNAV and VDP NA when using Stuttgart altimeter setting. Inoperative table does not apply to LPV, LNAV/VNAV or LNAV Cat C and D. For inoperative MALSF increase LNAV Cat A and B visibility to RVR 5000. When using Stuttgart altimeter setting, inoperative table does not apply to LPV, LNAV/VNAV or LNAV Cat C and D. For inoperative MALSF, when using Stuttgart altimeter setting, increase LNAV Cat A and B visibility to RVR 5000.

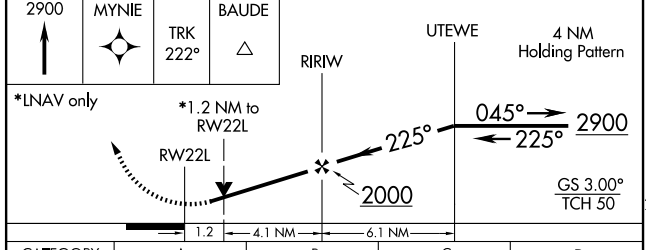
MALSF

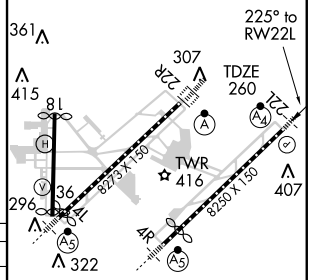
MISSED APPROACH: Climb to 2900 direct MYNIE and via 222° track to BAUDE and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95



2900	MYNIE	TRK 222°	BAUDE





CATEGORY	A	B	C	D
LPV DA	543/50 283 (300-1)			
LNAV/VNAV DA	773-1¾ 513 (600-1¾)			
LNAV MDA	680/40 420 (500-¾)		680/60 420 (500-1¼)	
CIRCLING	760-1 498 (500-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93811 W22B	APP CRS 225°	Rwy Idg 8273 TDZE 262 Apt Elev 262

RNAV (GPS) RWY 22R

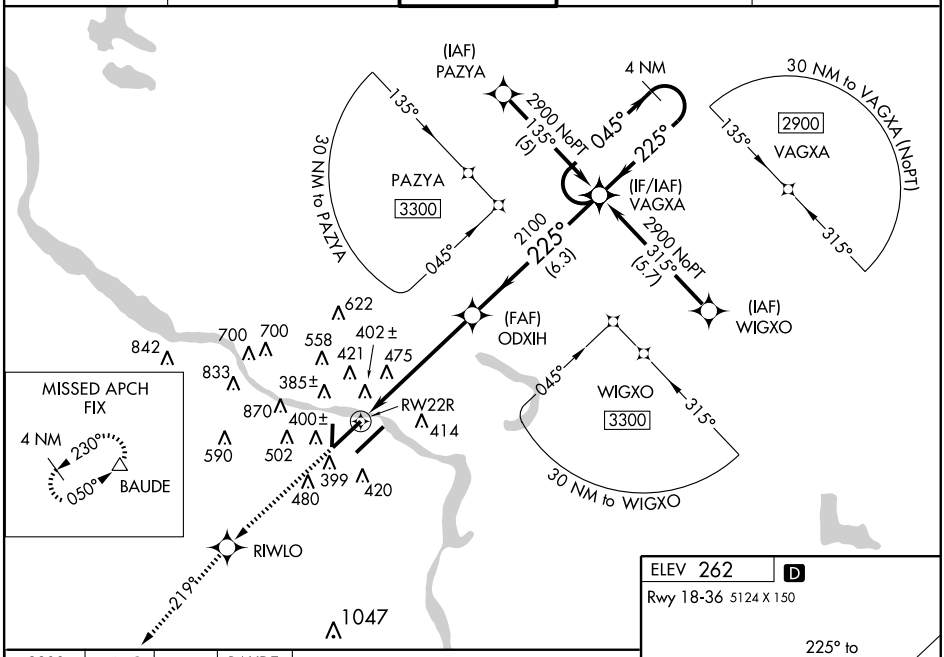
LITTLE ROCK/ADAMS FIELD (LIT)

For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Stuttgart altimeter setting and increase all DA 82 feet and all MDA 100 feet; increase LNAV/VNAV all Cats visibility ½ mile, LNAV Cats C and D and circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Stuttgart altimeter setting. For inoperative ALSF-2, when using Stuttgart altimeter setting, increase LPV all Cats visibility to RVR 5000.

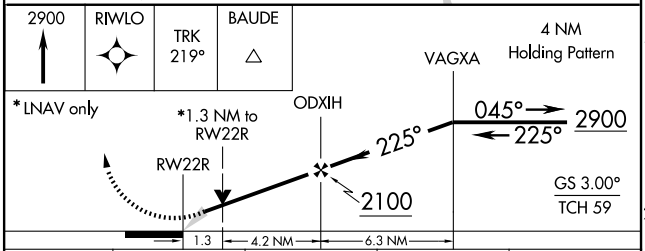
ALSF

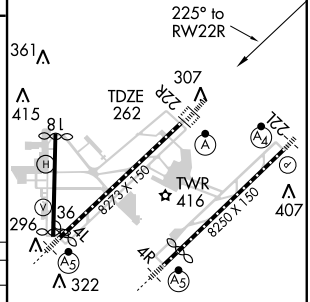
MISSED APPROACH: Climb to 2900 direct RIWLO and via 219° track to BAUDE and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95



2900	RIWLO	TRK 219°	BAUDE





CATEGORY	A	B	C	D
LPV DA	462/24 200 (200-½)			
LNAV/VNAV DA	727/50 465 (500-1)			
LNAV MDA	740/24 478 (500-½)		740/40 478 (500-¾)	740/50 478 (500-1)
CIRCLING	760-1 498 (500-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L, 4L-22R and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5024
360°	TDZE	257
	Apt Elev	262

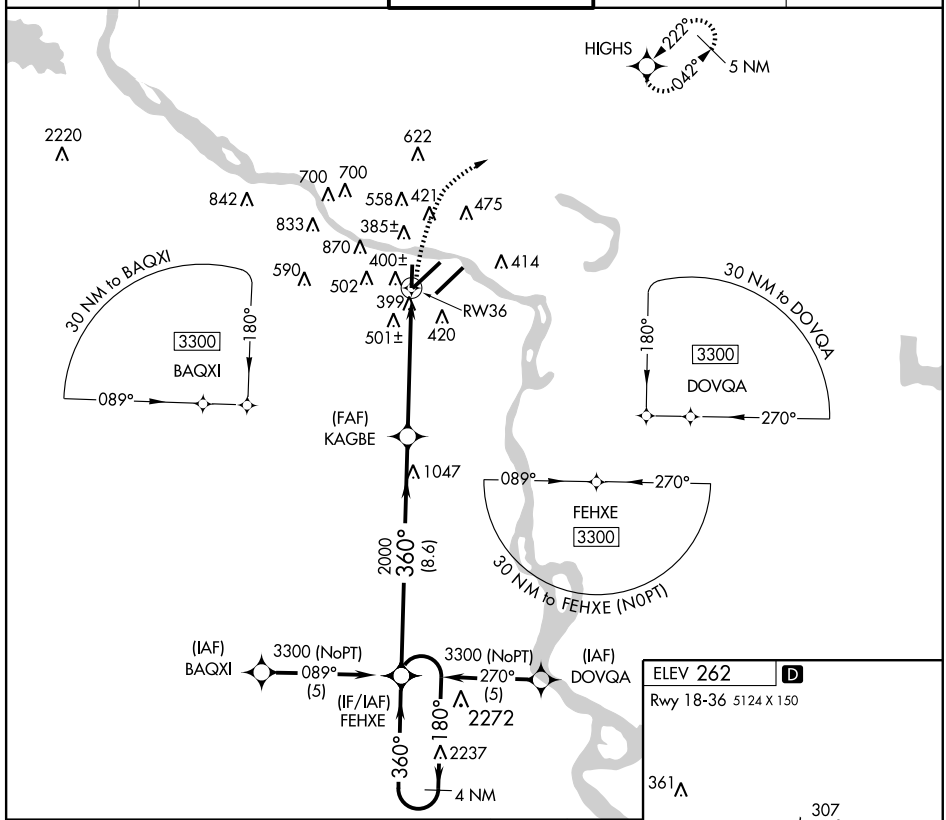
RNAV (GPS) RWY 36

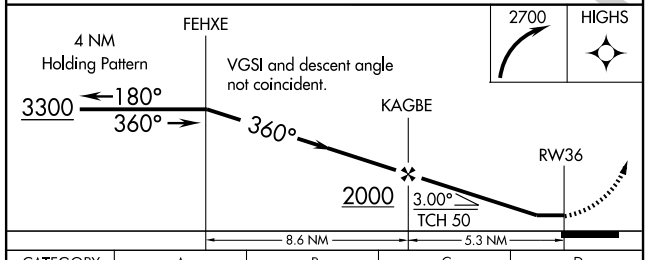
LITTLE ROCK/ADAMS FIELD (LIT)

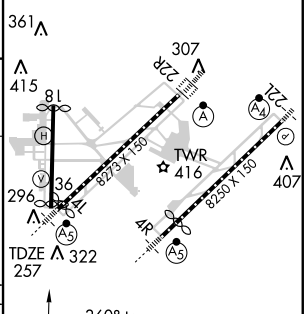
GPS or RNP-0.3 required. DME/DME RNP 0.3 NA.

MISSED APPROACH: Climbing right turn to 2700 direct HIGHS WP and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95







CATEGORY	A	B	C	D
LNAV MDA	760-1 503 (500-1)		760-1½ 503 (500-1½)	
CIRCLING	760-1 498 (500-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

TDZ/CL Rwy 22R
HIRL Rwys 4R-22L,
4L-22R and 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC LIT 113.9 Chan 86	APP CRS 319°	Rwy Idg TDZE N/A Apt Elev 262

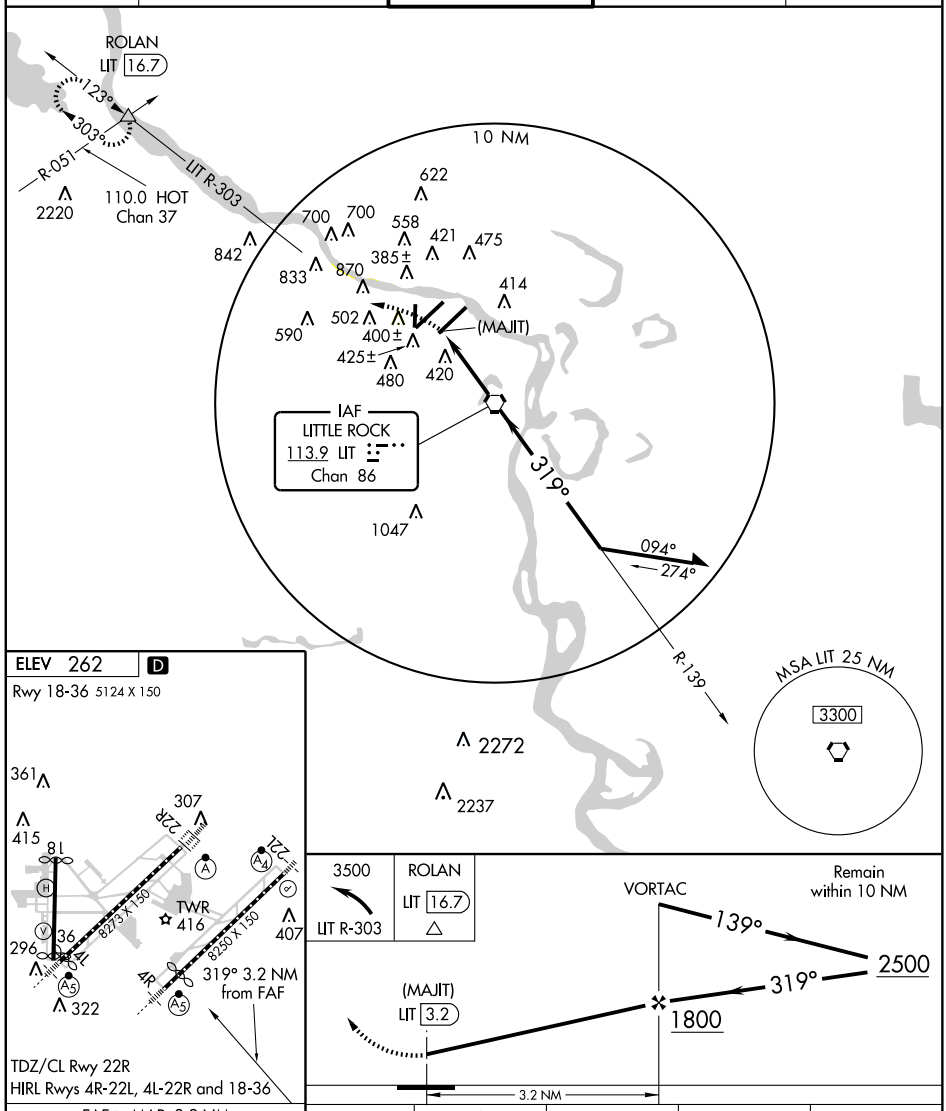
VOR-A

LITTLE ROCK/ADAMS FIELD (LIT)

ASR

MISSED APPROACH: Climbing left turn to 3500 via LIT R-303 to ROLAN Int and hold.

ATIS	LITTLE ROCK APP CON	ADAMS TOWER	GND CON	CLNC DEL
125.65	135.4 291.775 353.6	118.7 257.8	121.9 339.8	118.95



FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

CATEGORY	A	B	C	D
CIRCLING	800-1 538 (600-1)		880-1¾ 618 (700-1¾)	1180-3 918 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5008
178°	TDZE	314
	Apt Elev	317

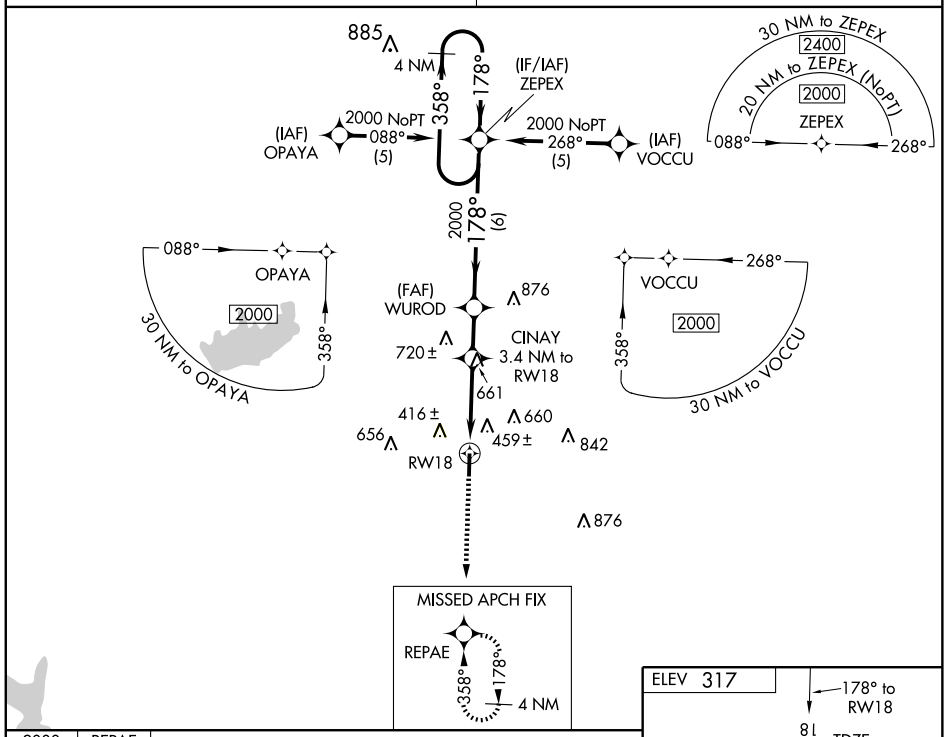
RNAV (GPS) RWY 18
MAGNOLIA MUNI (AGO)

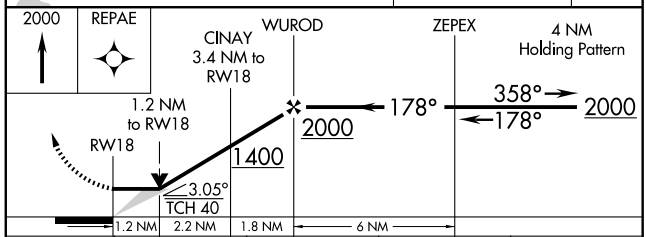
Obtain local altimeter setting on CTAF; when not received use El Dorado altimeter setting. DME/DME RNP-0.3 NA. VDP NA with El Dorado altimeter setting.

NA

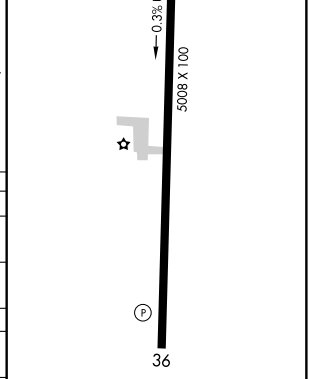
MISSED APPROACH: Climb to 2000 direct REPAE WP and hold.

FORT WORTH CENTER	UNICOM
128.2 269.1	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	720-1 406 (500-1)		720-1¼ 406 (500-1¼)	NA
CIRCLING	760-1 443 (500-1)	780-1 463 (500-1)	780-1½ 463 (500-1½)	NA
EL DORADO ALTIMETER SETTING MINIMUMS				
LNAV MDA	780-1 466 (500-1)		780-1¼ 466 (500-1¼)	NA
CIRCLING	820-1 503 (600-1)		820-1½ 503 (600-1½)	NA



MIRL Rwy 18-36
REIL Rwys 18 and 36

SC-1, 17 DEC 2009 to 14 JAN 2010

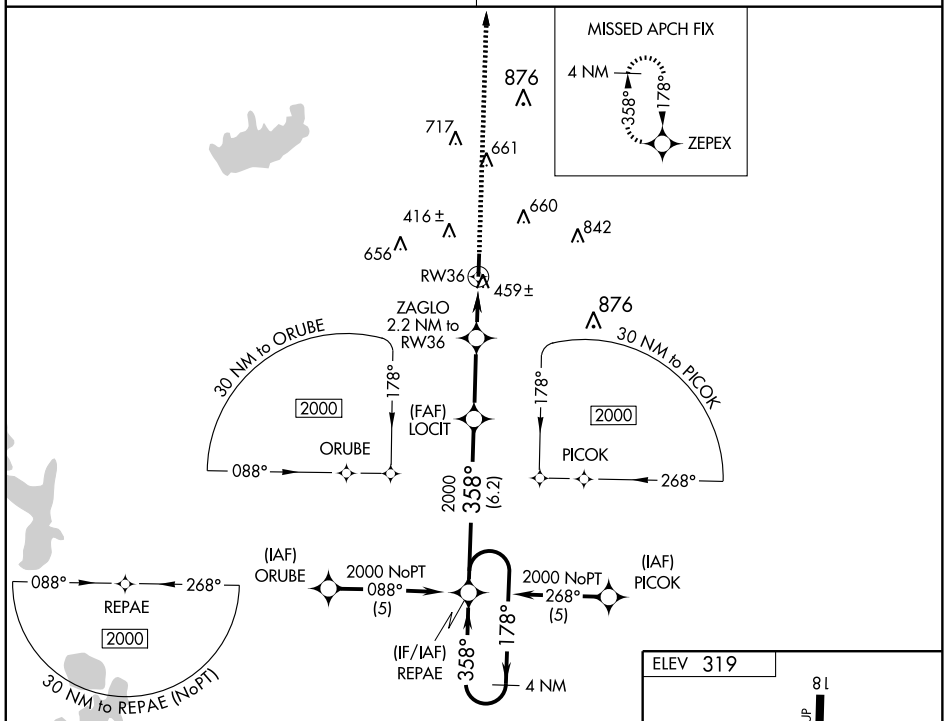
APP CRS	Rwy Idg	5008
358°	TDZE	319
	Apt Elev	319

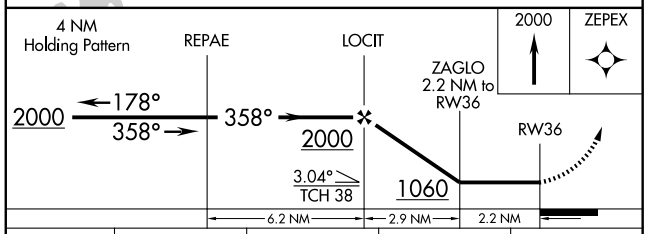
RNAV (GPS) RWY 36
MAGNOLIA MUNI (AGO)

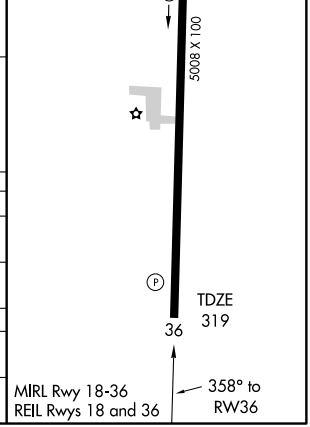
Obtain local altimeter setting on CTAF; when not received, use El Dorado altimeter setting. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2000 direct ZEPEX and hold.

FORT WORTH CENTER	UNICOM
128.2 269.1	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	720-1 401 (500-1)		720-1¼ 401 (500-1¼)	NA
CIRCLING	760-1 441 (500-1)	780-1 461 (500-1)	780-1½ 461 (500-1½)	NA
EL DORADO ALTIMETER SETTING MINIMUMS				
LNAV MDA	780-1 461 (500-1)		780-1¼ 461 (500-1¼)	NA
CIRCLING	820-1 501 (600-1)		820-1½ 501 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 22

MALVERN MUNI (M78)

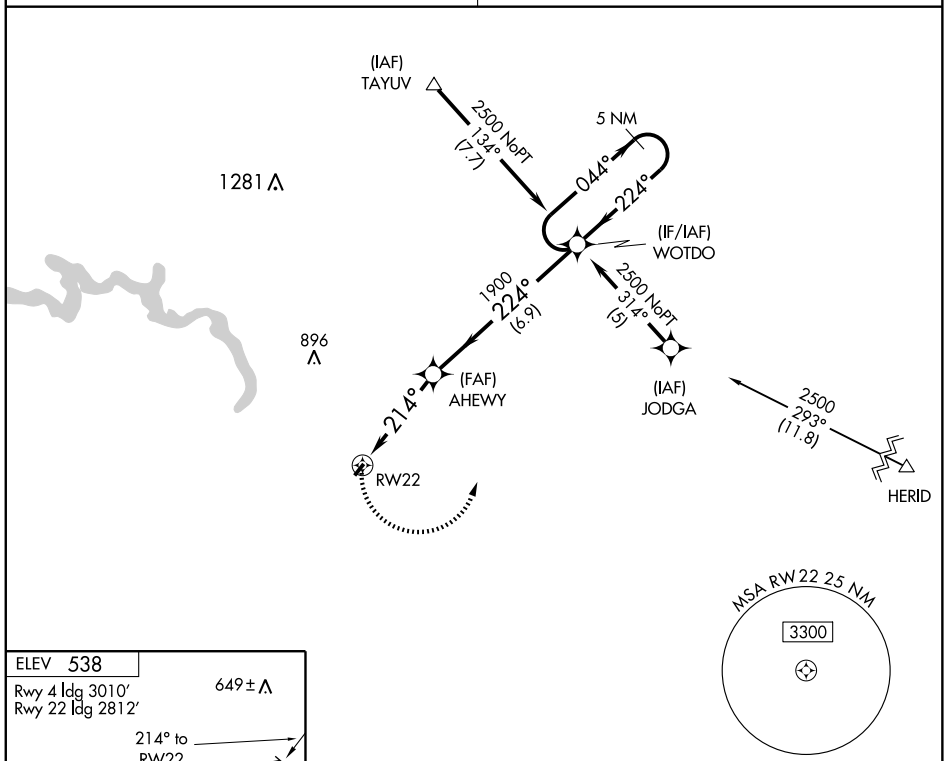
APP CRS	Rwy Idg	2812
214°	TDZE	538
	Apt Elev	538

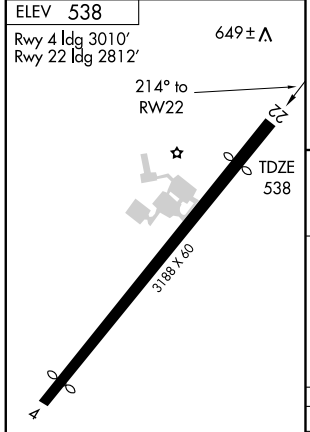
Use Hot Springs altimeter setting; if not received, use Adams Field altimeter setting and increase all MDAs 80 feet. DME/DME RNP-0.3 NA.

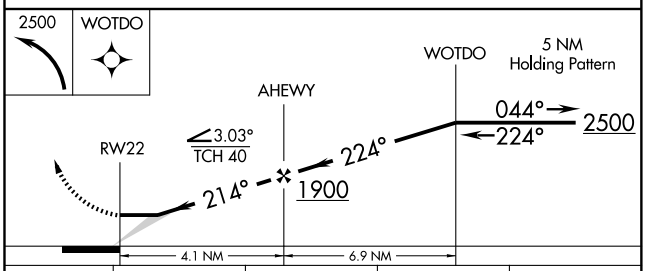
NA

MISSED APPROACH: Climbing left turn to 2500 direct WOTDO and hold.

MEMPHIS CENTER	UNICOM
128.475 377.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	960-1 422 (500-1)		NA	
CIRCLING	1000-1 462 (500-1)		NA	

MIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

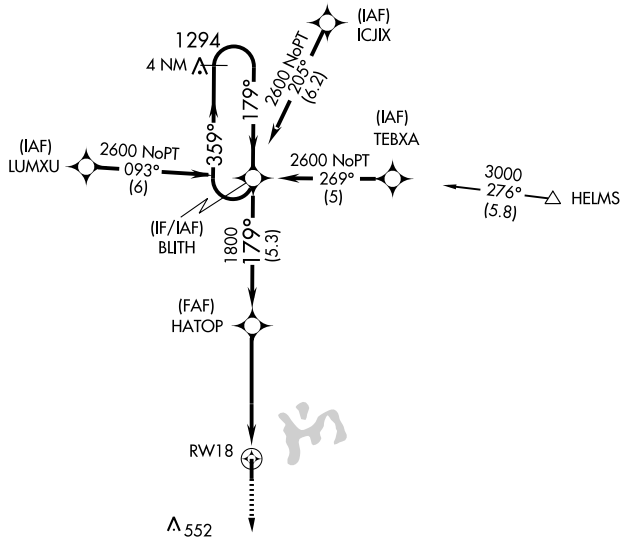
APP CRS	Rwy Idg	4200
179°	TDZE	242
	Apt Elev	242

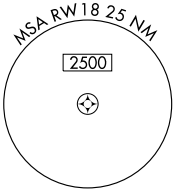
RNAV (GPS) RWY 18
MANILA MUNI (MXA)

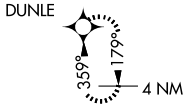
NA Use Blytheville Muni altimeter setting.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

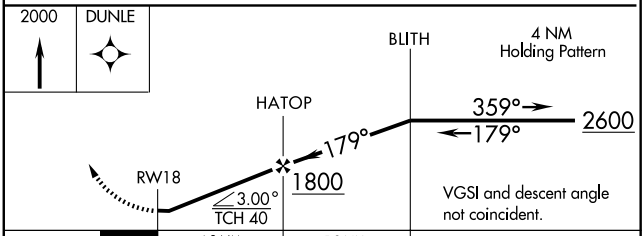
MISSED APPROACH: Climb to 2000 direct DUNLE WP and hold.

MEMPHIS CENTER	UNICOM
120.075 289.4	122.8 (CTAF) L

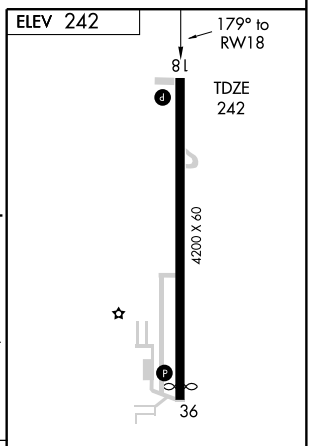








CATEGORY	A	B	C	D
LNAV MDA	640-1	398 (400-1)	NA	
CIRCLING	720-1	478 (500-1)	NA	



MIRL Rwy 18-36 L

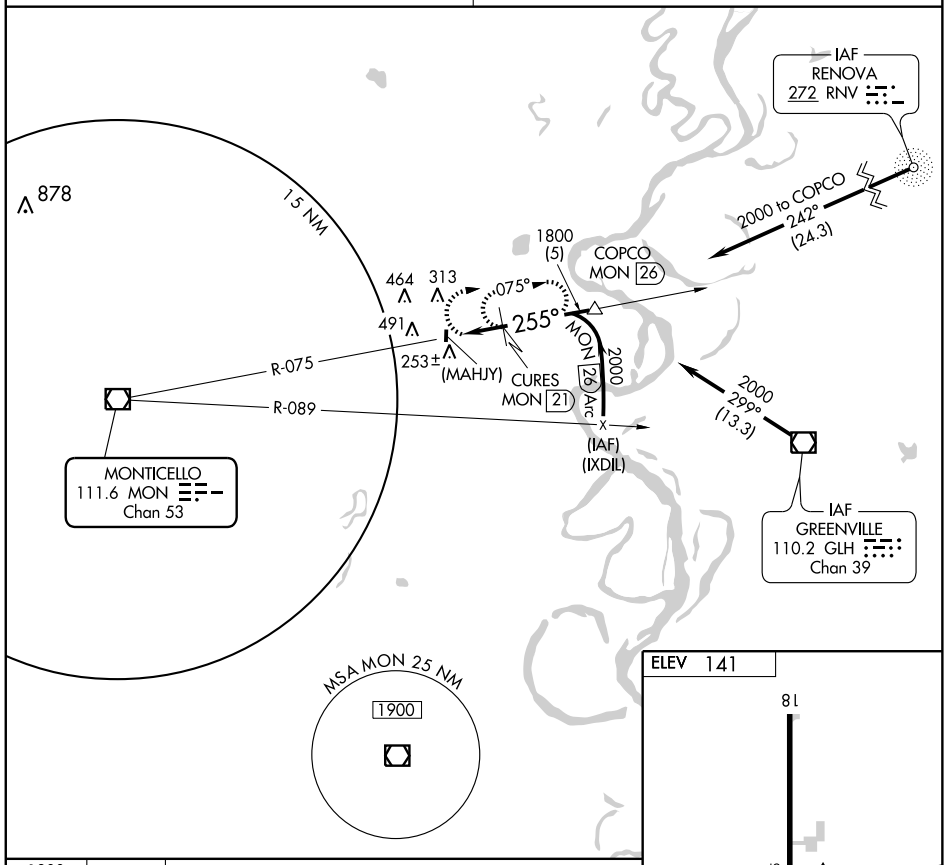
SC-1, 17 DEC 2009 to 14 JAN 2010

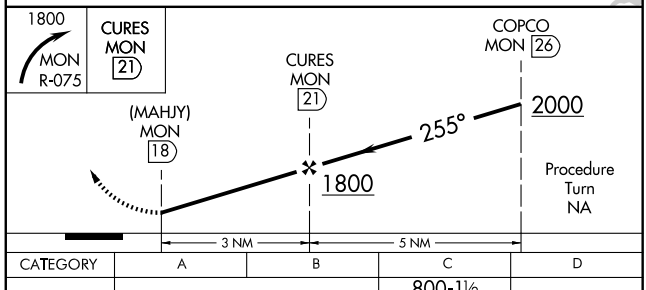
VOR/DME MON 111.6 Chan 53	APP CRS 255°	Rwy Idg N/A TDZE N/A Apt Elev 141

VOR/DME or GPS-A

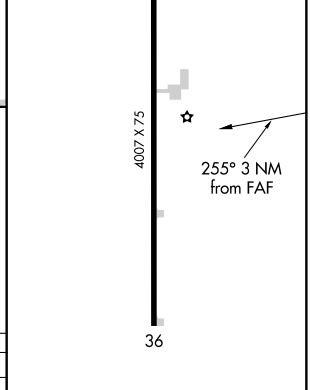
MC GEHEE MUNI (7M1)

NA Circling West of Rwy 18-36 not authorized. Use Greenville, MS altimeter setting; when not available, use Greenwood, MS altimeter setting and increase all MDAs 220 feet.	MISSED APPROACH: Climbing right turn to 1800 via MON R-075 to CURES 21 DME and hold.
MEMPHIS CENTER 135.875 269.35	CTAF 122.9





CATEGORY	A	B	C	D
CIRCLING	800-1 659 (700-1)		800-1½ 659 (700-1½)	NA



MIRL Rwy 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4002
031°	TDZE	735
	Apt Elev	735

RNAV (GPS) RWY 3

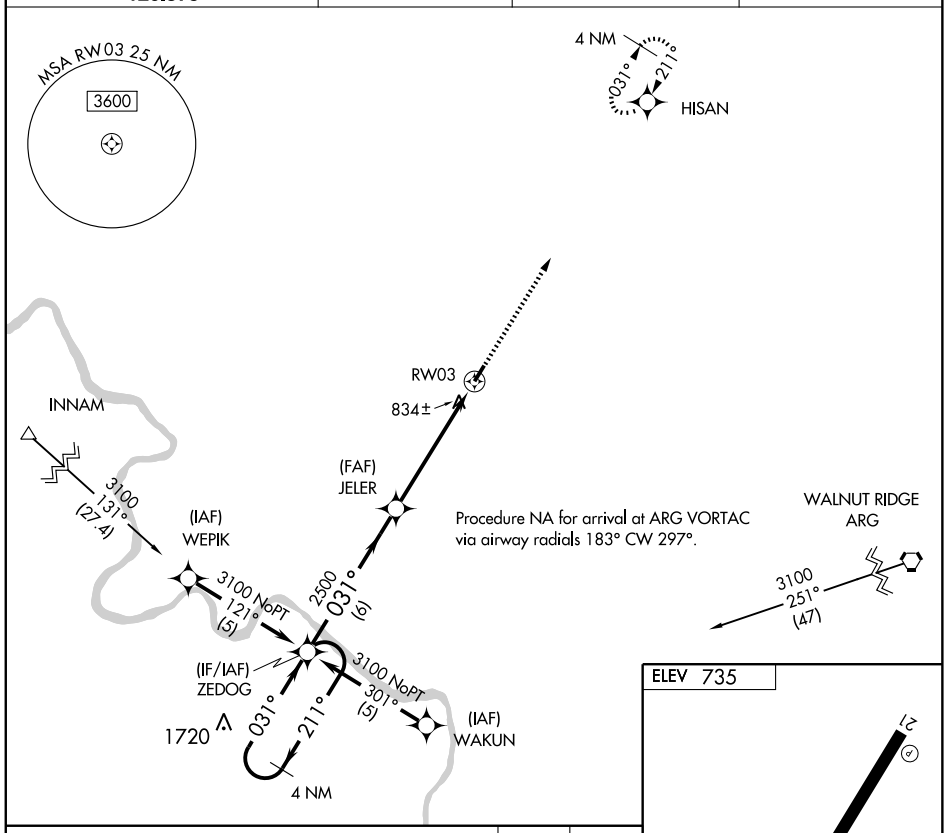
MELBOURNE MUNI - JOHN E. MILLER FIELD (42A)

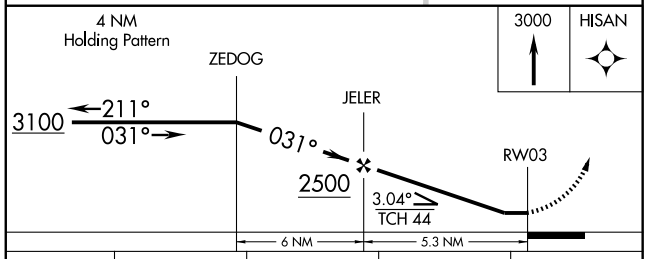
T
A NA

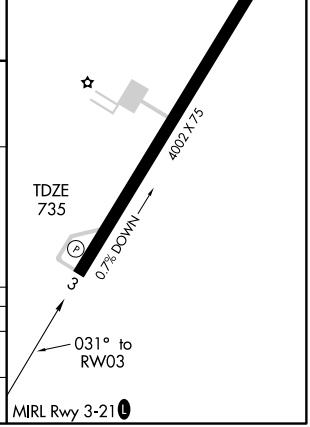
DME/DME RNP-0.3 NA. Use Batesville Rgnl altimeter setting; if not received, use Mountain Home/Ozark Rgnl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 3000 direct HISAN and hold.

BATESVILLE REGIONAL AWOS-3	MEMPHIS CENTER	CTAF	122.95 L
126.375	126.85 281.55	122.9	







CATEGORY	A	B	C	D
LNAV MDA	1300-1	565 (600-1)	1300-1½ 565 (600-1½)	NA
CIRCLING	1360-1	625 (700-1)	1360-1¾ 625 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4002
211°	TDZE	722
	Apt Elev	735

RNAV (GPS) RWY 21

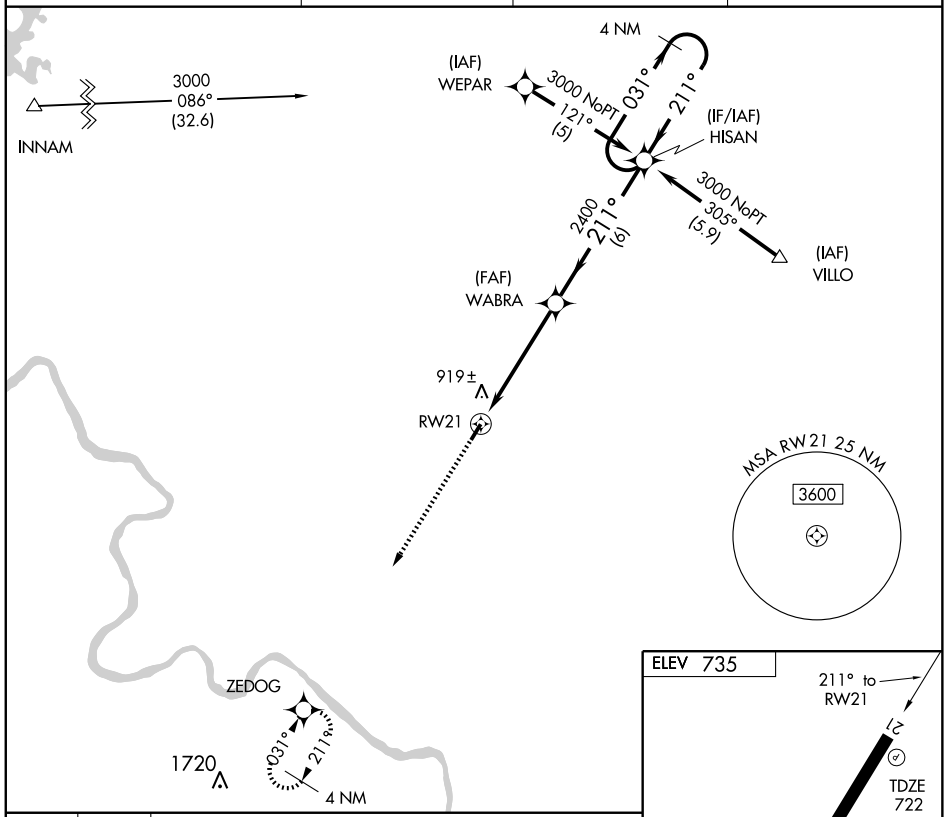
MELBOURNE MUNI - JOHN E. MILLER FIELD (42A)

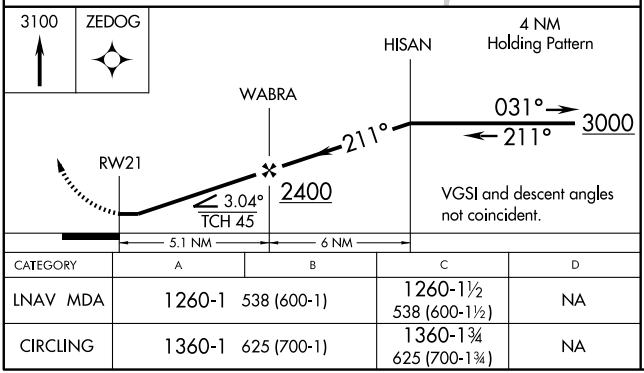
T
NA

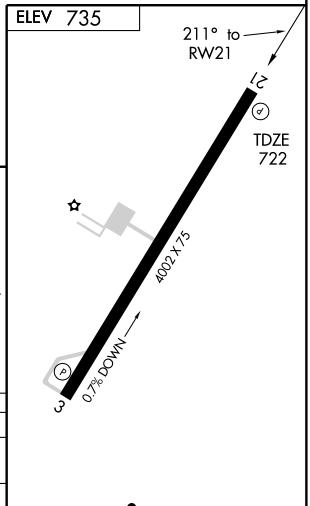
DME/DME RNP-0.3 NA. Use Batesville Rgnl altimeter setting; if not received, use Mountain Home/Ozark Rgnl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 3100 direct ZEDOG and hold.

BATESVILLE REGIONAL AWOS-3	MEMPHIS CENTER	CTAF	122.95 L
126.375	126.85 281.55	122.9	







CATEGORY	A	B	C	D
LNAV MDA	1260-1	538 (600-1)	1260-1½ 538 (600-1½)	NA
CIRCLING	1360-1	625 (700-1)	1360-1¾ 625 (700-1¾)	NA

MIRL Rwy 3-21 L

SC-1, 17 DEC 2009 to 14 JAN 2010

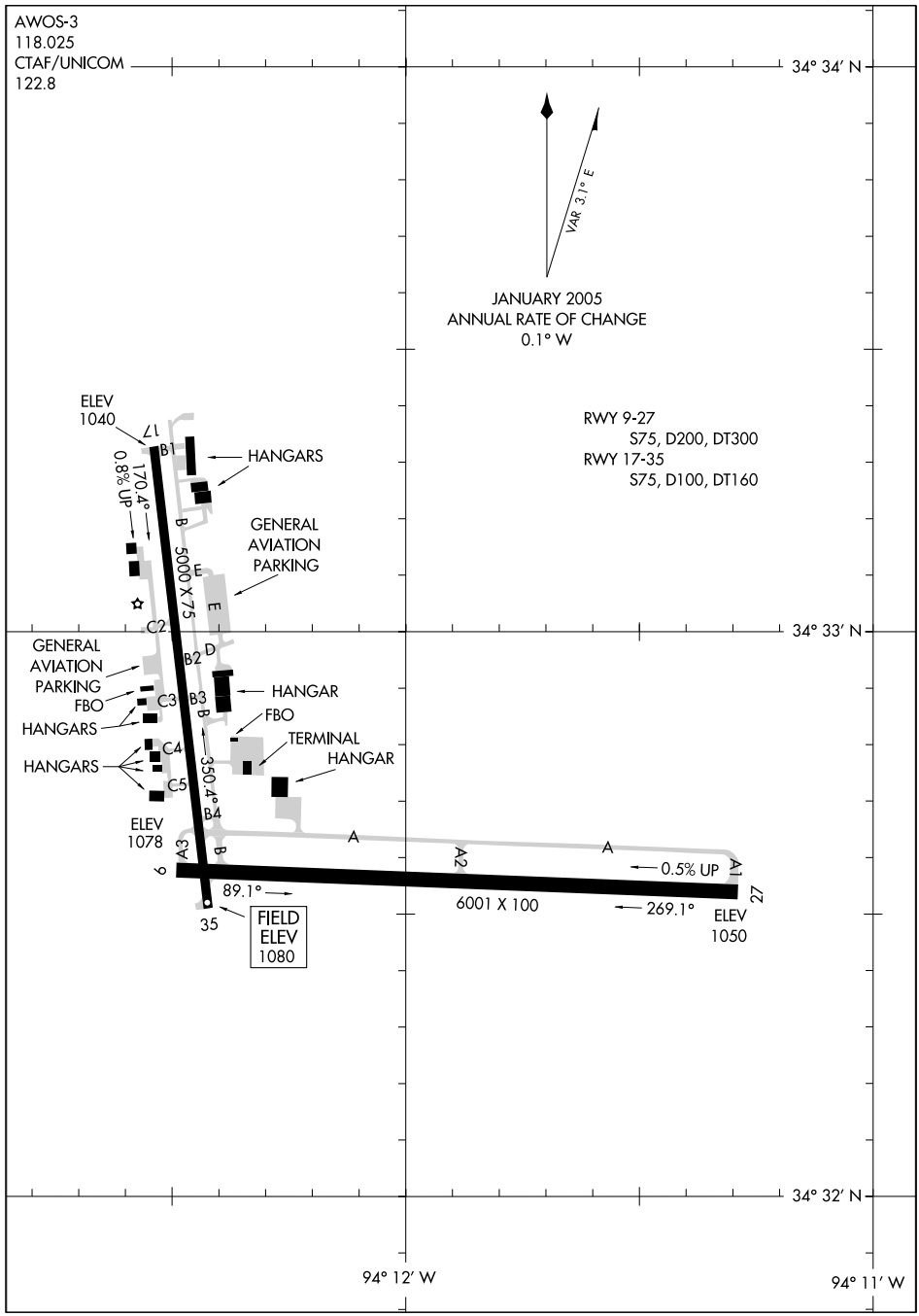
09015

AIRPORT DIAGRAM

AL-6002 (FAA)

MENA INTERMOUNTAIN MUNI (MEZ)

MENA, ARKANSAS



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-VMU	APP CRS	Rwy Idg	6001
108.7	269°	TDZE	1058
Chan 24		Apt Elev	1079

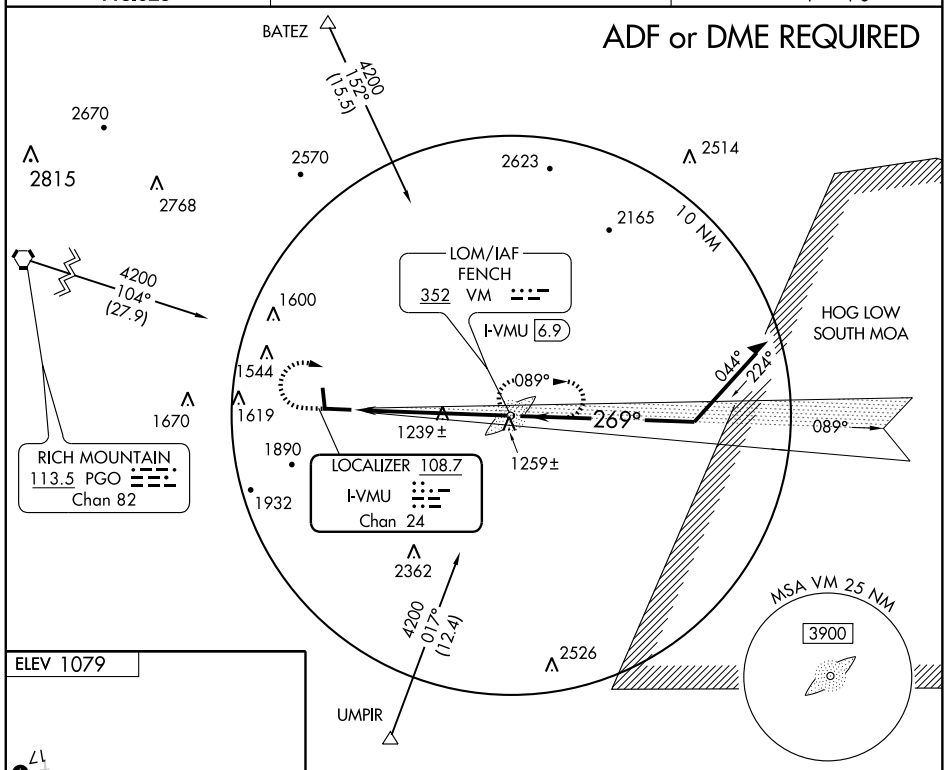
ILS or LOC RWY 27

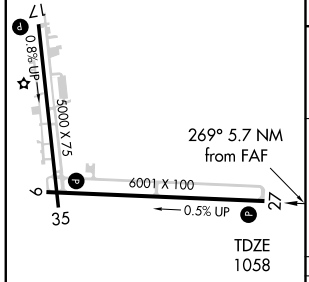
MENA INTERMOUNTAIN MUNI (MEZ)

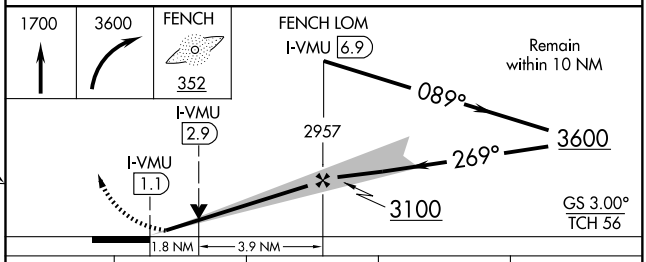
ADF Required. When local altimeter setting not received, use Fort Smith Rgnl altimeter setting and increase all DA 197 feet, all MDA 200 feet, increase S-ILS 27 visibilities ½ mile, S-LOC 27 Cat B visibility ¼ mile Cat C visibility ½ mile and Circling Cat A/B ¼ mile. VDP NA when using Fort Smith Rgnl altimeter setting.

MISSED APPROACH: Climb to 1700 then climbing right turn to 3600 direct FENCH LOM/I-VMU 6.9 DME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.025	126.1 269.0	122.8 (CTAF) L







HIRL Rwy 9-27 L
MIRL Rwy 17-35 L
REIL Rwys 9, 27 and 35 L

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
S-ILS 27	1458-1½ 400 (400-1½)			NA
S-LOC 27	1660-1 602 (600-1)		1660-1¾ 602 (600-1¾)	NA
CIRCLING	1880-1 801 (900-1)	1940-1¼ 861 (900-1¼)	2060-3 981 (1000-3)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

LOM VM	APP CRS	Rwy Idg	6001
352	269°	TDZE	1058
		Apt Elev	1079

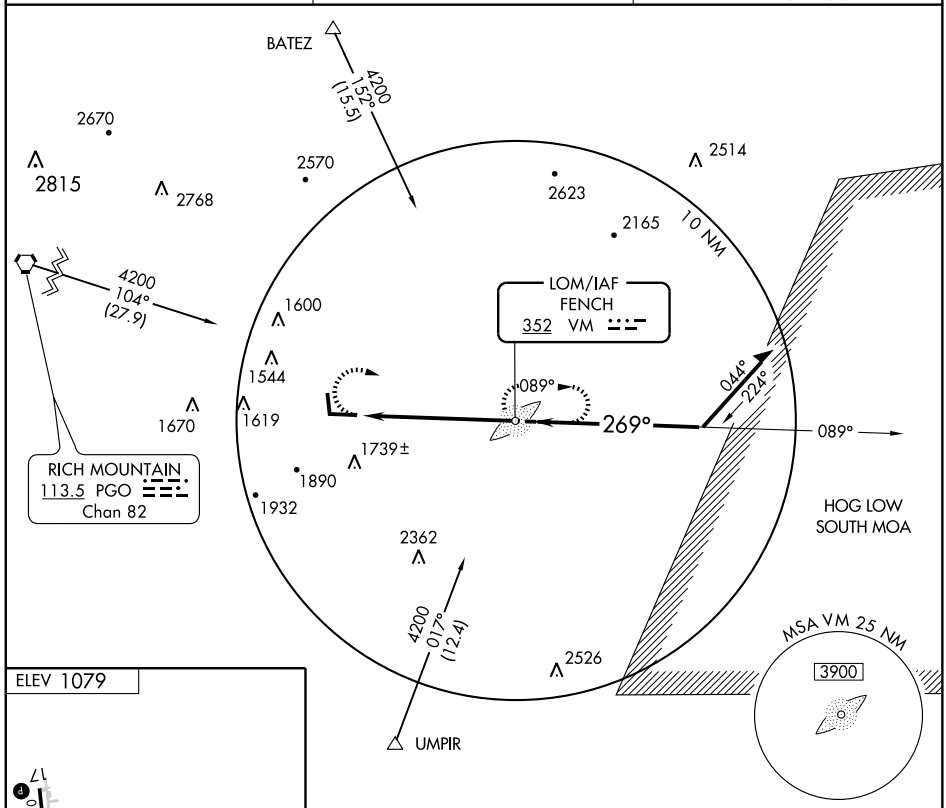
NDB RWY 27

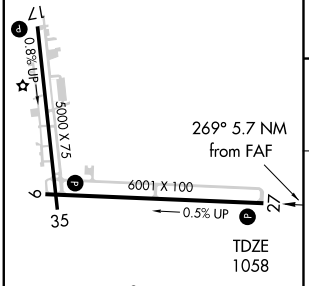
MENA INTERMOUNTAIN MUNI (MEZ)

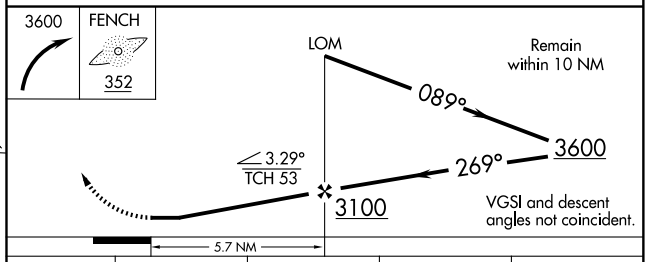
T NA When local altimeter setting not received, use Fort Smith Rgnl altimeter setting and increase all MDAs 200 feet, increase S-27 Cat A/B visibilities ¼ mile, S-27 Cat C visibility ½ mile, and Circling Cat A/B ¼ mile.

MISSED APPROACH: Climbing right turn to 3600 direct FENCH LOM and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.025	126.1 269.0	122.8 (CTAF) L







HIRL Rwy 9-27 L
MIRL Rwy 17-35 L
REIL Rwys 9, 27 and 35 L

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
S-27	1920-1 862 (900-1)	1920-1¼ 862 (900-1¼)	1920-2½ 862 (900-2½)	NA
CIRCLING	1920-1 841 (900-1)	1940-1¼ 861 (900-1¼)	2060-3 981 (1000-3)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

MENA, ARKANSAS

AL-6002 (FAA)

RNAV (GPS) RWY 17

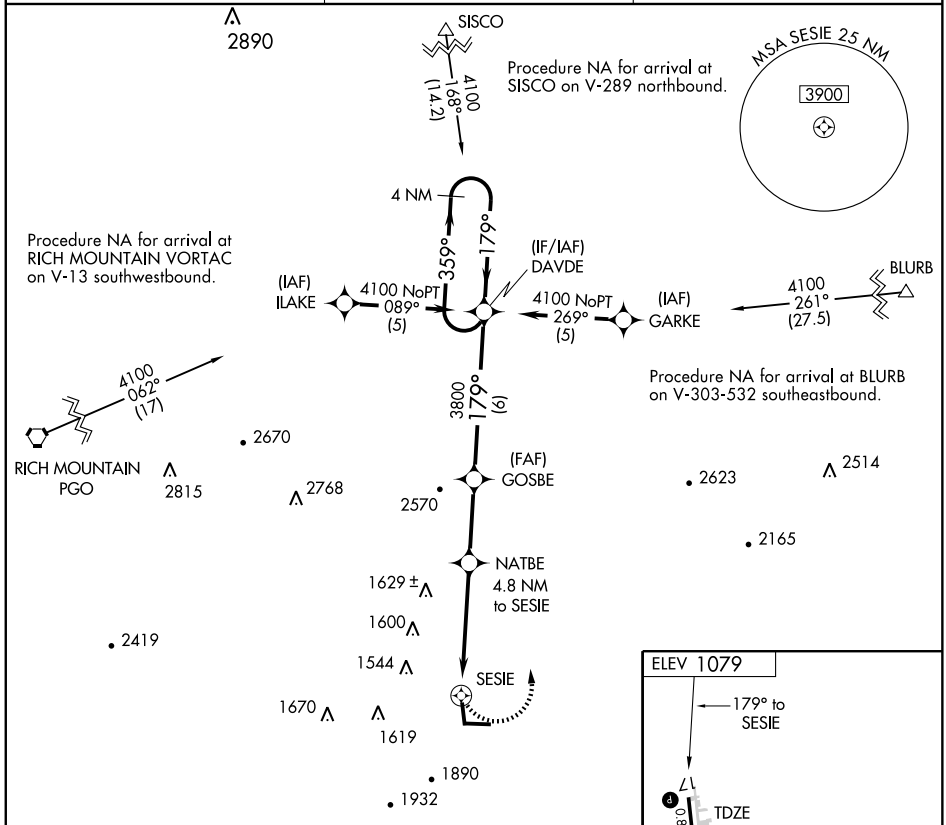
MENA INTERMOUNTAIN MUNI (MEZ)

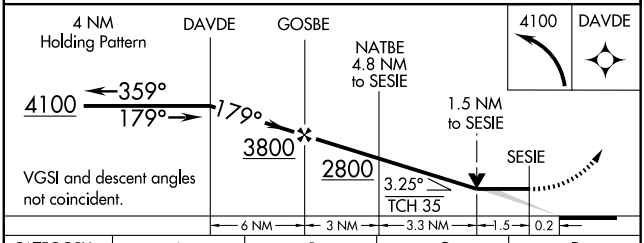
APP CRS	Rwy Idg	5000
179°	TDZE	1063
	Apt Elev	1079

GPS or RNP-0.3 Required.
DME/DME RNP-0.3 NA.

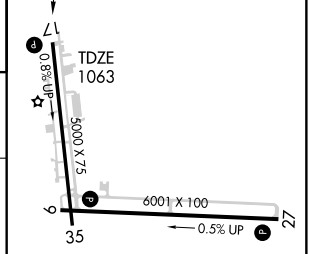
MISSED APPROACH: Climbing left turn to 4100 direct DAVDE WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.025	126.1 269.0	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1640-1 577 (600-1)		1640-1½ 577 (600-1½)	NA
CIRCLING	1840-1 761 (800-1)	1880-1¼ 801 (900-1¼)	2000-2¾ 921 (1000-2¾)	NA



HIRL Rwy 9-27 L
MIRL Rwy 17-35 L
REIL Rwys 9, 27 and 35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC PGO 113.5 Chan 82	APP CRS 108°	Rwy Idg N/A TDZE N/A Apt Elev 1079

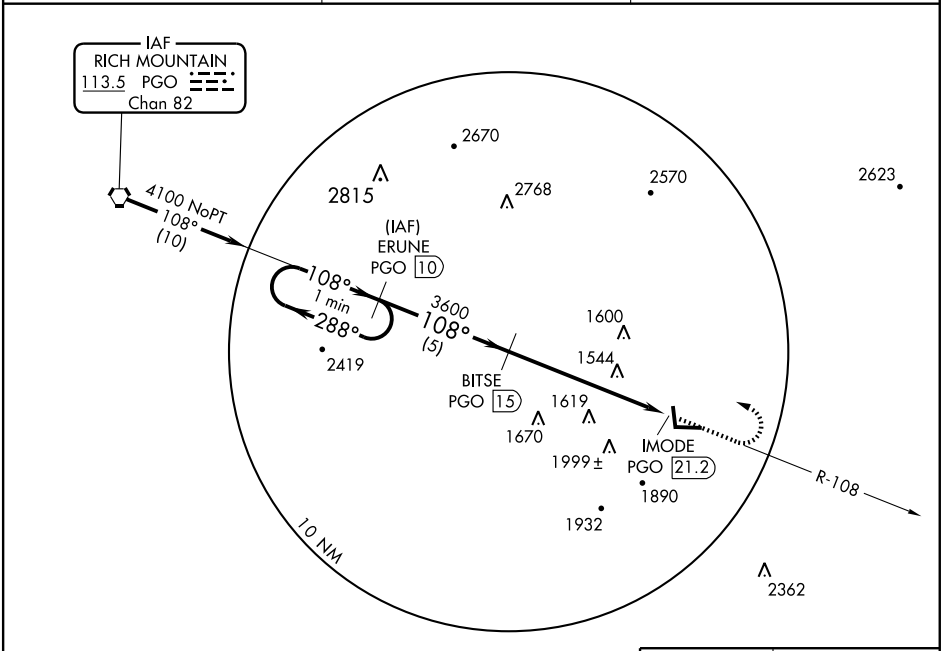
VOR/DME-A

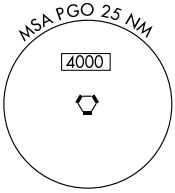
MENA INTERMOUNTAIN MUNI (MEZ)

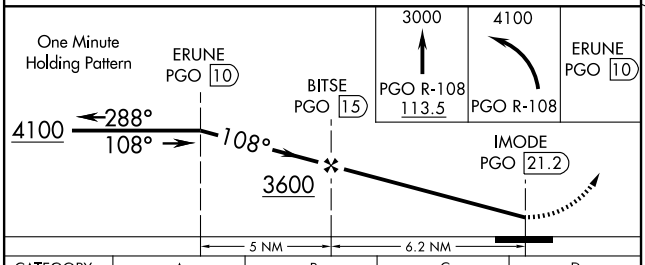
If local altimeter setting not received, use Fort Smith altimeter setting and increase all MDA's 200 ft.

MISSED APPROACH: Climb to 3000 via PGO R-108 then climbing left turn to 4100 via PGO R-108 to ERUNE and hold.

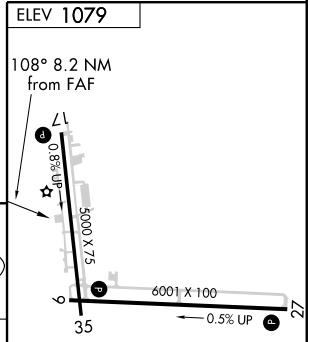
AWOS-3	MEMPHIS CENTER	UNICOM
118.025	126.1 269.0	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	2260-1¼ 1181 (1200-1¼)	2260-1½ 1181 (1200-1½)	2260-3 1181 (1200-3)	NA



HIRL Rwy 9-27 L
MIRL Rwy 17-35 L
REIL Rwys 9, 27 and 35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5018
031°	TDZE	270
	Apt Elev	270

RNAV (GPS) RWY 3

MONTICELLO MUNI/ELLIS FIELD (LLQ)

DME/DME RNP-0.3 NA. Visibilty reduction by helicopters NA. When local altimeter setting not received, use Pine Bluff altimeter setting and increase all MDA 100 feet, LNAV Cat C and circling Cat C visibilities ¼ mile.

MISSED APPROACH: Climbing right turn to 2000 direct JOSAS and hold.

ASOS	MEMPHIS CENTER	UNICOM
133.325	135.875 269.35	122.8 (CTAF) L

878

626
563
453±
463
529±
544
RW03
ULAYA
2 NM to
RW03

HAMPT
2000
093°
(27.3)

(IAF)
WEPET
2000 NoPT
121°
(5)

2000
031°
(6.2)

(FAF)
HINBO

Procedure NA for arrivals on GLH VOR/DME via airway radials 203 CW 309.

(IF/IAF)
JOSAS

2000 NoPT
301°
(5)

(IAF)
HUGIM

031°
211°
4 NM

GREENVILLE
GLH
2000
261°
(40.9)

MSA RW03 25 NM
1900

ELEV 270

0.5% UP
21
5018 X 75
3
TDZE
270
031° to
RW03

MIRL Rwy 3-21 L
REIL Rwys 3 and 21 L

4 NM
Holding Pattern
JOSAS
HINBO
ULAYA
2 NM to
RW03
2000
211°
031°
2000
031°
RW03
3.04°
TCH 52
960
6.2 NM
3.2 NM
2 NM

2000
JOSAS

CATEGORY	A	B	C	D
LNAV MDA	780-1	510 (600-1)	780-1½ 510 (600-1½)	NA
CIRCLING	800-1	530 (600-1)	800-1½ 530 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5018
211°	TDZE	268
	Apt Elev	270

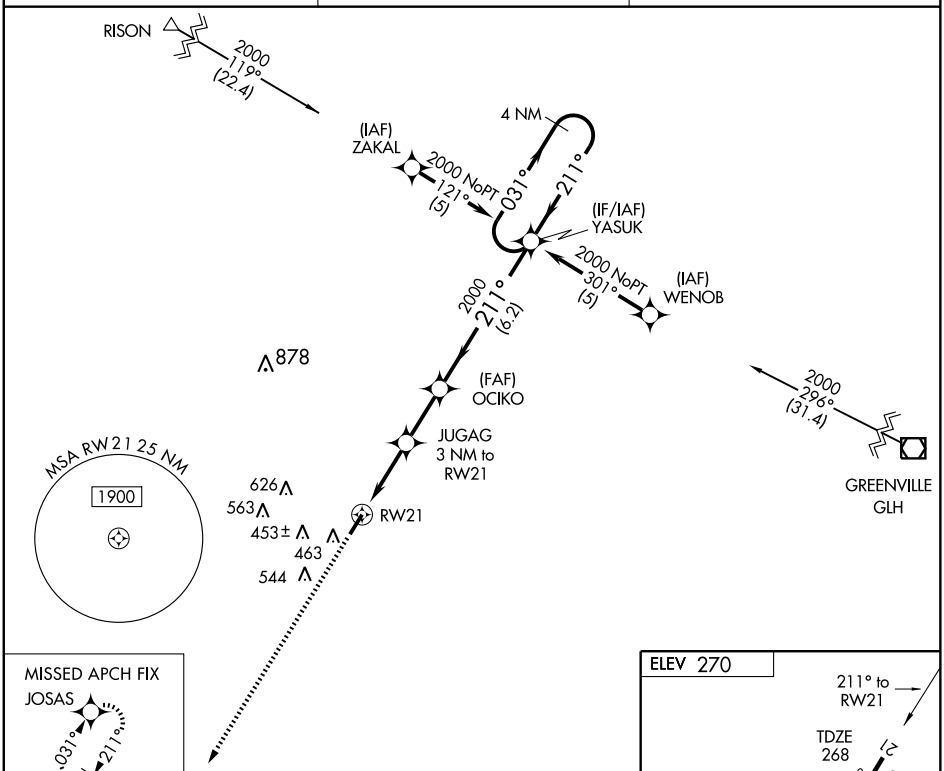
RNAV (GPS) RWY 21

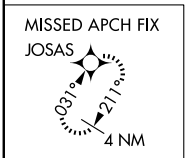
MONTICELLO MUNI/ELLIS FIELD (LLQ)

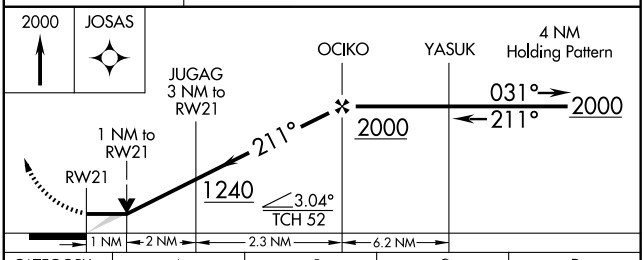
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Pine Bluff altimeter setting and increase all MDA 100 feet, LNAV Cat C and circling Cat C visibilities ¼ mile. VDP NA with Pine Bluff altimeter setting.

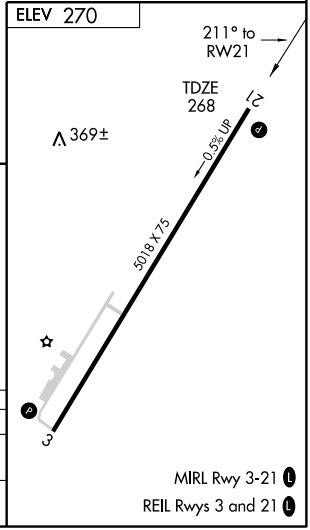
MISSED APPROACH: Climb to 2000 direct JOSAS and hold.

ASOS	MEMPHIS CENTER	UNICOM
133.325	135.875 269.35	122.8 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	620-1 352 (400-1)			NA
CIRCLING	800-1 530 (600-1)		800-1½ 530 (600-1½)	NA

MIRL Rwy 3-21 L

REIL Rwys 3 and 21 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME MON	APP CRS	Rwy Idg	N/A
111.6	335°	TDZE	N/A
Chan 53		Apt Elev	270

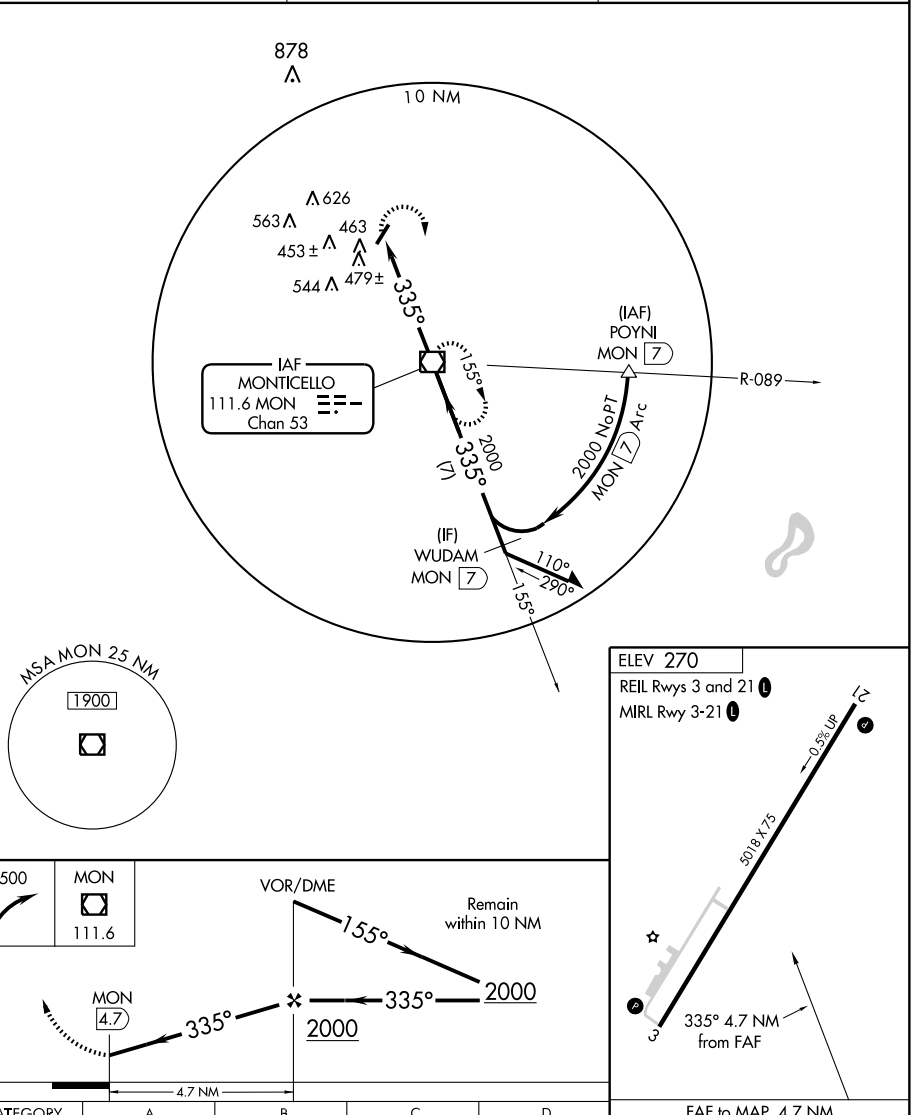
VOR-A

MONTICELLO MUNI/ELLIS FIELD (LLQ)

When local altimeter setting not received, use Pine Bluff altimeter setting and increase all MDA 100 feet and Cat C visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2500 direct MON VOR/DME and hold. Continue climb in hold to 2500.

ASOS	MEMPHIS CENTER	UNICOM
133.325	135.875 269.35	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	800-1	530 (600-1)	800-1½ 530 (600-1½)	NA

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-1, 17 DEC 2009 to 14 JAN 2010

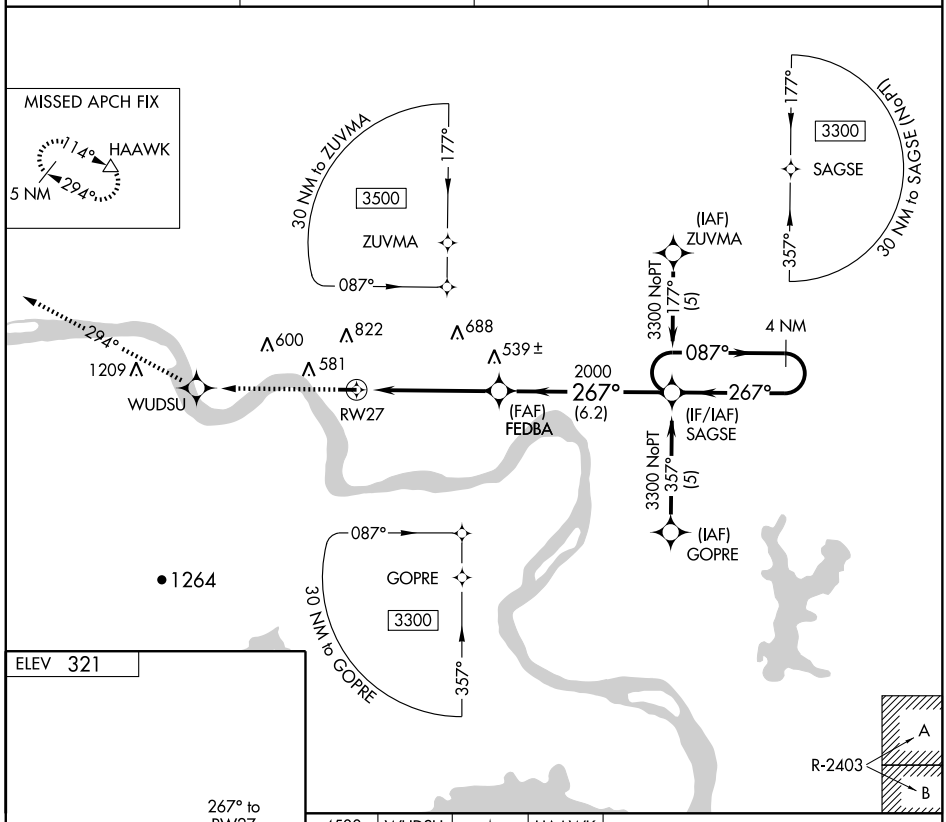
APP CRS	Rwy Idg	4000
267°	TDZE	320
	Apt Elev	321

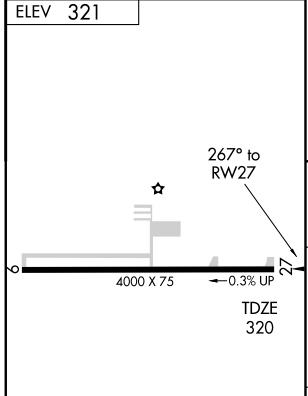
RNAV (GPS) RWY 27
MORRILTON MUNI (BDQ)

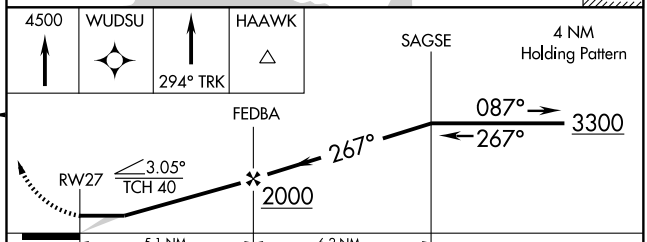
DME/DME RNP-0.3 NA. Use Russellville altimeter setting, when not received, use Little Rock altimeter setting.

MISSED APPROACH: Climb to 4500 direct WUDSU and via 294° track to HAAWK and hold.

RUSSELLVILLE AWOS	MEMPHIS CENTER	UNICOM	
132.475	128.475 377.15	122.8 (CTAF)	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1060-1	740 (800-1)	NA	
CIRCLING	1060-1 739 (800-1)	1200-1¼ 879 (900-1¼)	NA	

MIRL Rwy 9-27 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5403
026°	TDZE	906
	Apt Elev	923

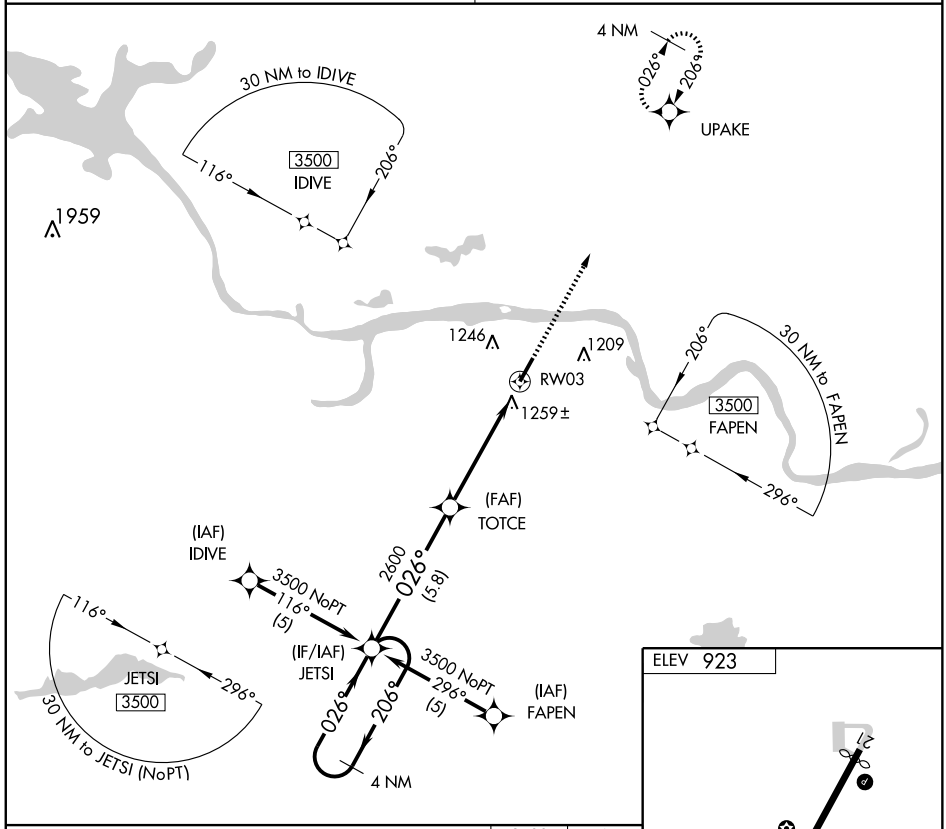
RNAV (GPS) RWY 3

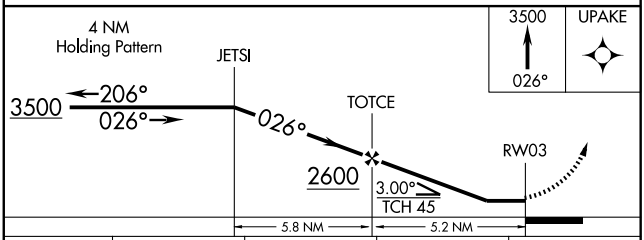
MORRILTON/PETIT JEAN PARK (MPJ)

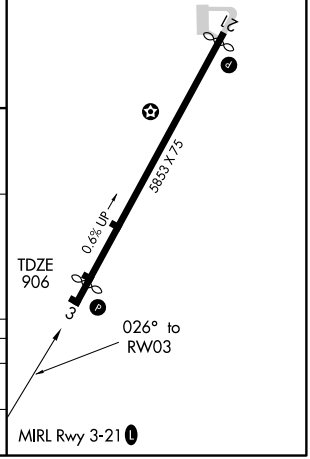
Use Russellville altimeter setting.
NA Procedure NA at night.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3500 via 026° course to UPAKE WP and hold.

MEMPHIS CENTER	CTAF
128.475 377.15	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1620-1 714 (800-1)		1620-2 714 (800-2)	NA
CIRCLING	1660-1 737 (800-1)	1720-1¼ 797 (800-1¼)	1720-2¼ 797 (800-2¼)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BPK	APP CRS	Rwy Idg	5001
111.95	049°	TDZE	928
Chan 56(Y)		Apt Elev	928

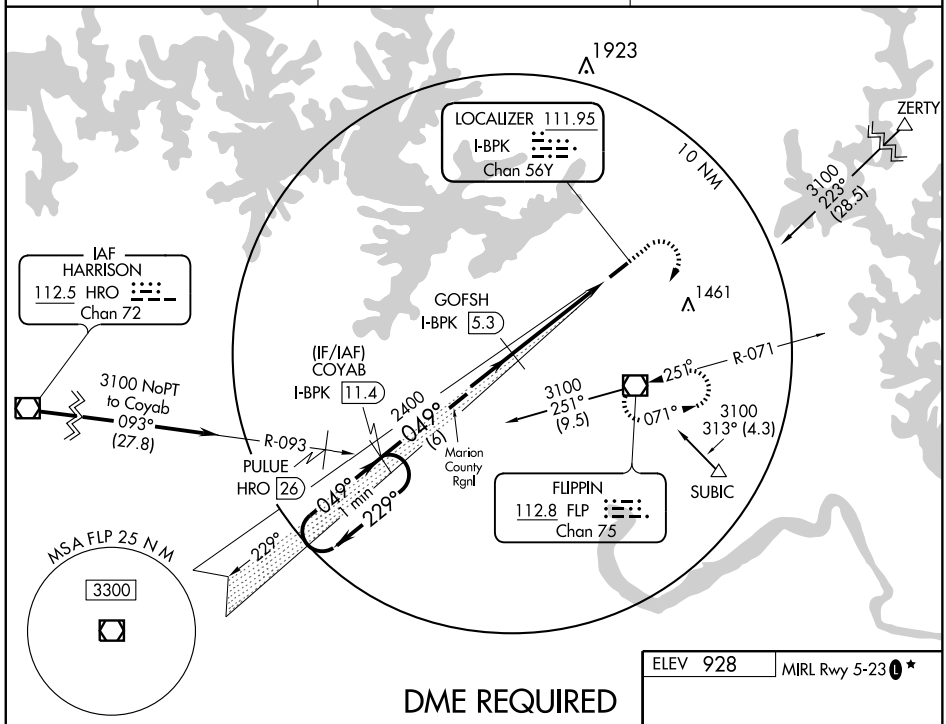
ILS or LOC/DME RWY 5

MOUNTAIN HOME/ OZARK RGNL (BPK)

If local altimeter setting not received, use Flippin altimeter setting and increase DA to 1225 feet and all MDAs 60 feet. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 1800 then climbing right turn to 3100 direct FLP VOR/DME and hold.

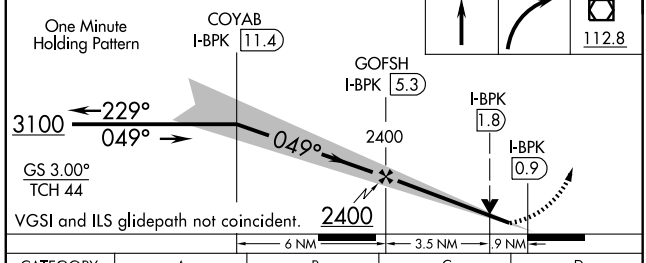
ASOS	MEMPHIS CENTER	UNICOM
133.975	126.85 281.55	123.0 (CTAF)



DME REQUIRED

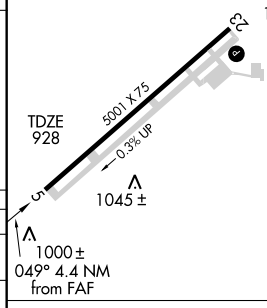
Use I-BPK DME when on the localizer course.

1800	3100	FLP
		112.8



CATEGORY	A	B	C	D
S-ILS 5	1178-¾ 250 (300-¾)			NA
S-LOC 5	1260-1 332 (400-1)			NA
CIRCLING	1400-1 472 (500-1)		1400-1½ 472 (500-1½)	NA

ELEV 928 MIRL Rwy 5-23



Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5001
Ch 69300	049°	TDZE	928
W05A		Apt Elev	928

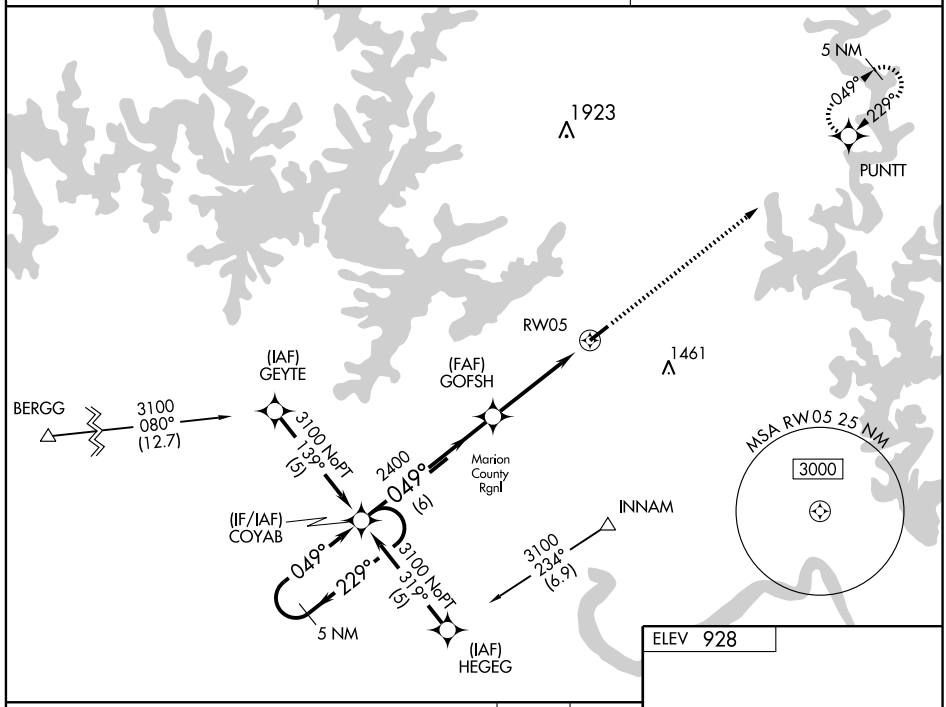
RNAV (GPS) RWY 5

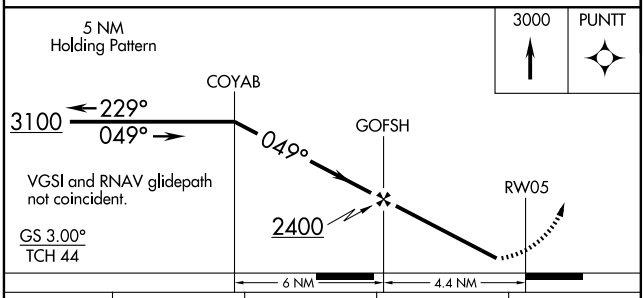
MOUNTAIN HOME/ OZARK RGNL (BPK)

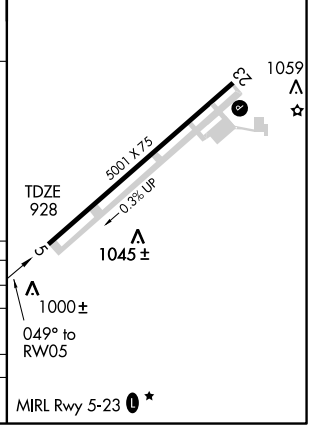
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 95°C (203°F). If local altimeter setting not received, use Flippin altimeter setting and increase all DAs/MDAs 60 feet. BARO-VNAV NA when using Flippin altimeter setting.

MISSED APPROACH: Climb to 3000 direct PUNTT and hold.

ASOS	MEMPHIS CENTER	UNICOM
133.975	126.85 281.55	123.0 (CTAF) L ★







CATEGORY	A	B	C	D
LPV DA	1201-1 273 (300-1)			NA
LNAV/ VNAV DA	1250-1¼ 322 (400-1¼)			NA
LNAV MDA	1280-1 352 (400-1)			NA
CIRCLING	1400-1¼ 472 (500-1¼)		1400-1½ 472 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

MOUNTAIN HOME, ARKANSAS AL-5406 (FAA)

APP CRS	Rwy Idg	5001
229°	TDZE	919
	Apt Elev	928

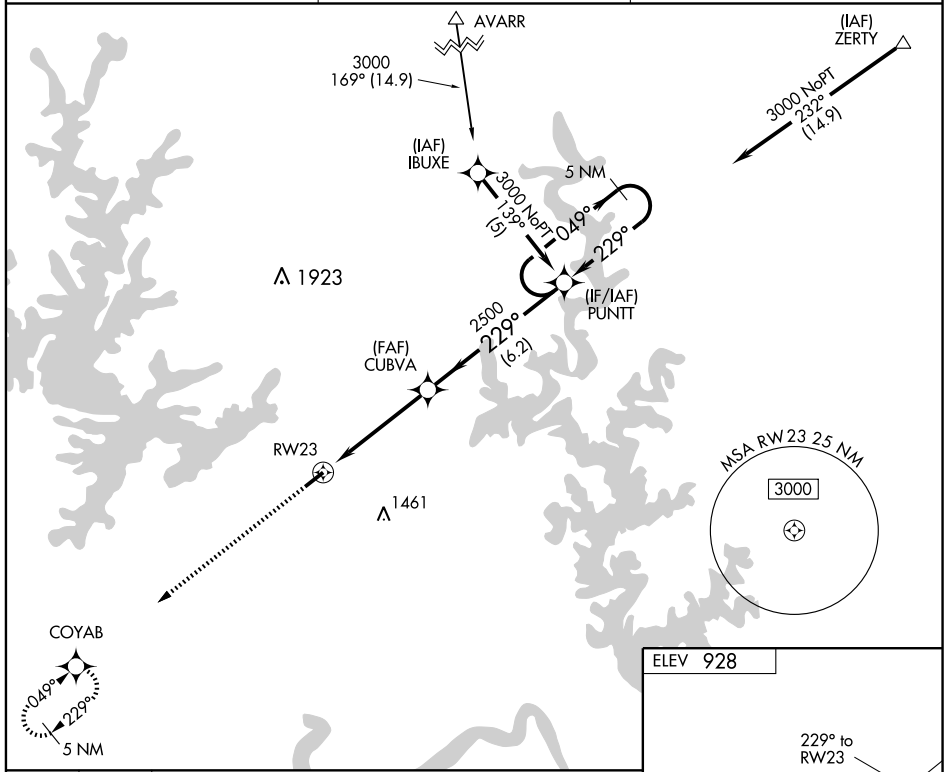
RNAV (GPS) RWY 23

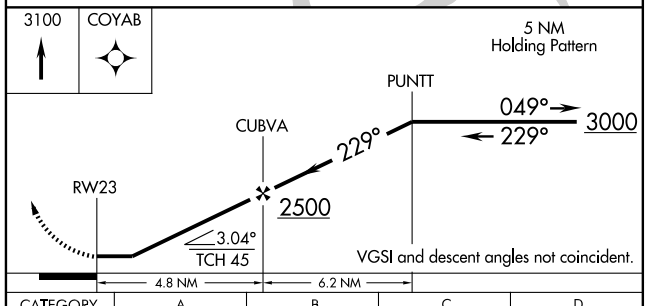
MOUNTAIN HOME/ OZARK RGNL (BPK)

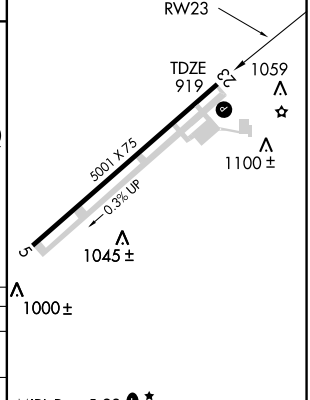
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Flippin altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climb to 3100 direct COYAB and hold.

ASOS	MEMPHIS CENTER	UNICOM
133.975	126.85 281.55	123.0 (CTAF) L ★







CATEGORY	A	B	C	D
LNAV MDA	1360-1 441 (500-1)		1360-1¼ 441 (500-1¼)	NA
CIRCLING	1400-1 472 (500-1)		1400-1½ 472 (500-1½)	NA

MIRL Rwy 5-23 L ★

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME FLP	APP CRS	Rwy Idg	N/A
112.8	349°	TDZE	N/A
Chan 75		Apt Elev	928

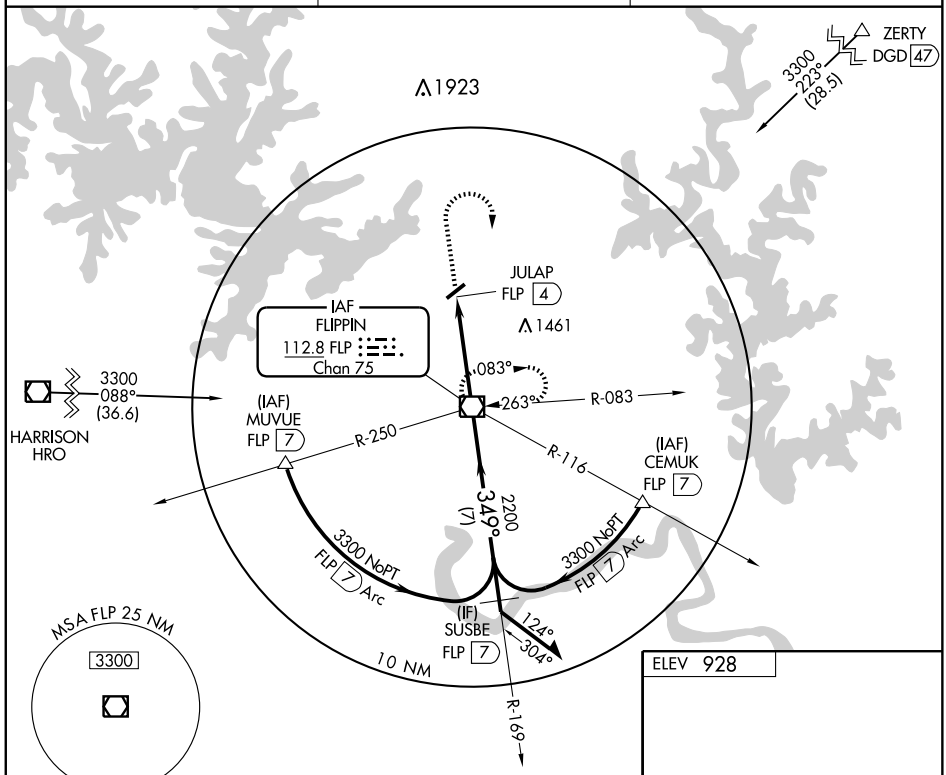
VOR-A

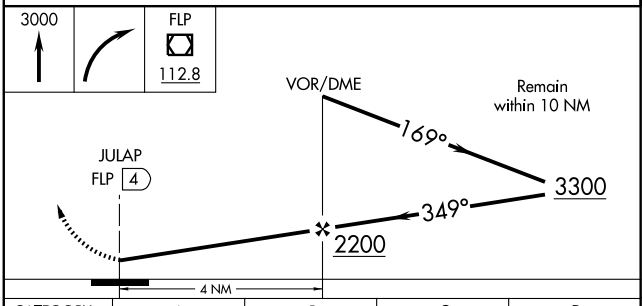
MOUNTAIN HOME/ OZARK RGNL (BPK)

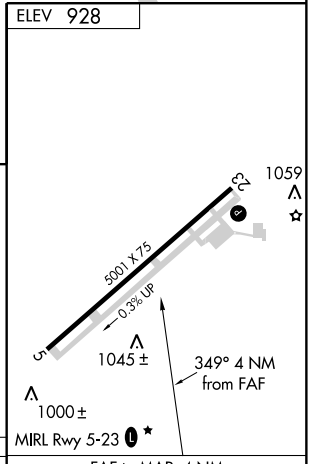
When local altimeter setting not received, use Harrison altimeter setting and increase all MDA 140 feet and Cat C visibility ½ mile.

MISSED APPROACH: Climb to 3000 then right turn direct FLP VOR/DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
133.975	126.85 281.55	123.0 (CTAF) L ★







CATEGORY	A	B	C	D
CIRCLING	1460-1 532 (600-1)		1460-1½ 532 (600-1½)	NA

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4502
272°	TDZE	796
	Apt Elev	805

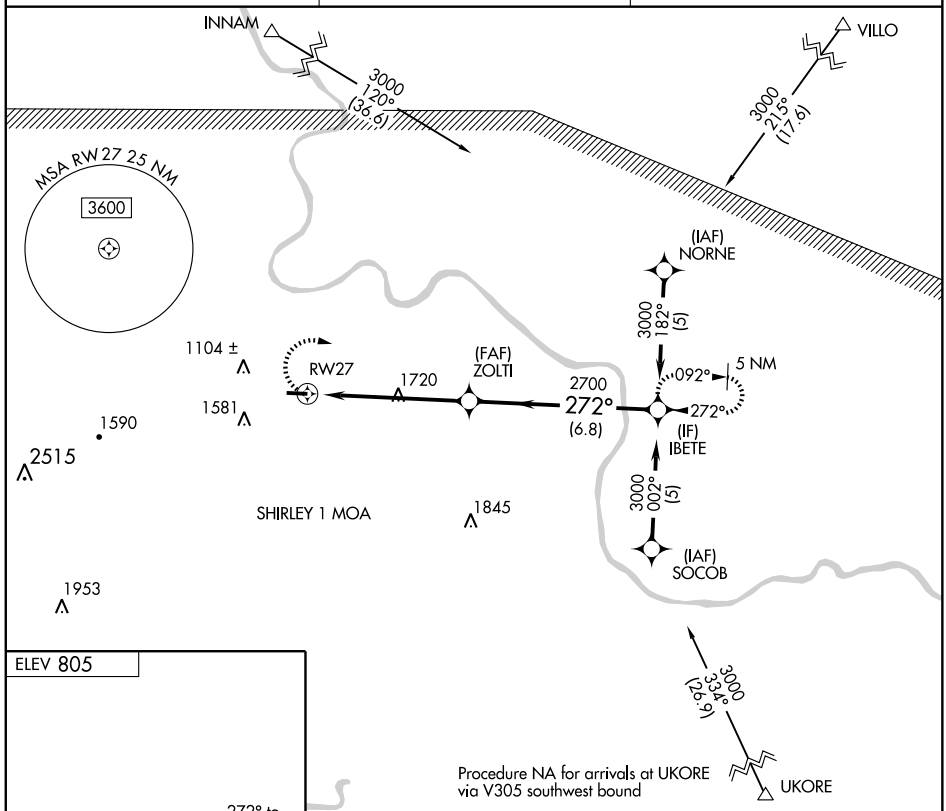
RNAV (GPS) RWY 27

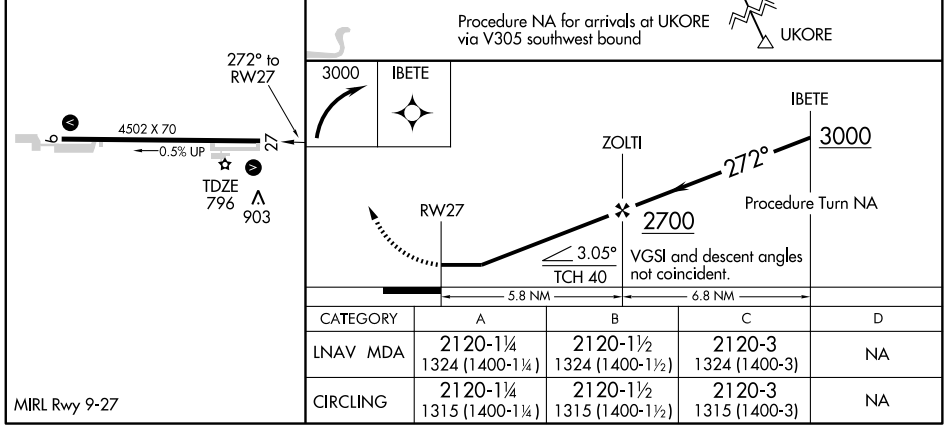
MOUNTAIN VIEW WILCOX MEMORIAL FIELD (7M2)

Use Marion County Rgnl altimeter setting; if not received, use Batesville Rgnl altimeter setting and increase all MDAs 20 feet. DME/DME RNP-0.3 NA.
NA Circling to Rwy 9 NA at night. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing right turn to 3000 direct IBETE and hold.

MARION COUNTY AWOS-3	MEMPHIS CENTER	UNICOM
132.075	126.85 281.55	122.7 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	2120-1¼ 1324 (1400-1¼)	2120-1½ 1324 (1400-1½)	2120-3 1324 (1400-3)	NA
CIRCLING	2120-1¼ 1315 (1400-1¼)	2120-1½ 1315 (1400-1½)	2120-3 1315 (1400-3)	NA

MIRL Rwy 9-27

SC-1, 17 DEC 2009 to 14 JAN 2010

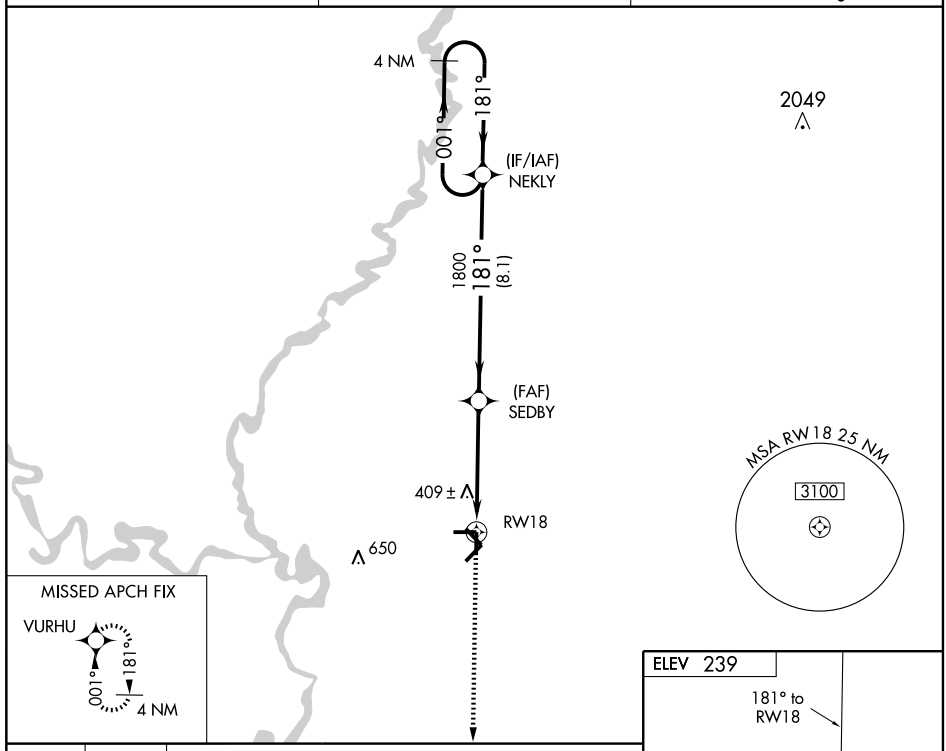
WAAS	APP CRS	Rwy Idg	5002
CH 66008	181°	TDZE	239
W18A		Apt Elev	239

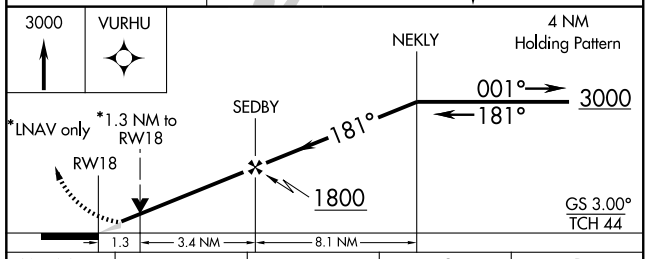
RNAV (GPS) RWY 18
NEWPORT MUNI (M19)

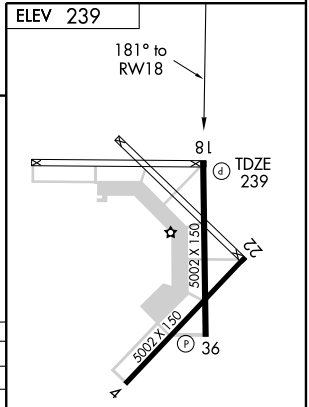
When local altimeter setting not received, use Batesville altimeter setting and increase all DA 86 feet and all MDA 100 feet, increase LPV visibilities ½ mile all Cats, LNAV/VNAV visibilities ½ mile all Cats, LNAV Cats C and D visibilities ¼ mile, circling Cat C visibilities ¼ mile. VDP NA when using Batesville altimeter setting. DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Baro-VNAV NA when using Batesville altimeter setting.

MISSED APPROACH: Climb to 3000 direct VURHU and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.15	120.075 289.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	489-¾ 250 (300-¾)			
LNAV/VNAV DA	759-1¾ 520 (600-1¾)			
LNAV MDA	700-1 461 (500-1)		700-1¼ 461 (500-1¼)	700-1½ 461 (500-1½)
CIRCLING	760-1 521 (600-1)		760-1½ 521 (600-1½)	800-2 561 (600-2)

REIL Rwys 18 and 36
MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

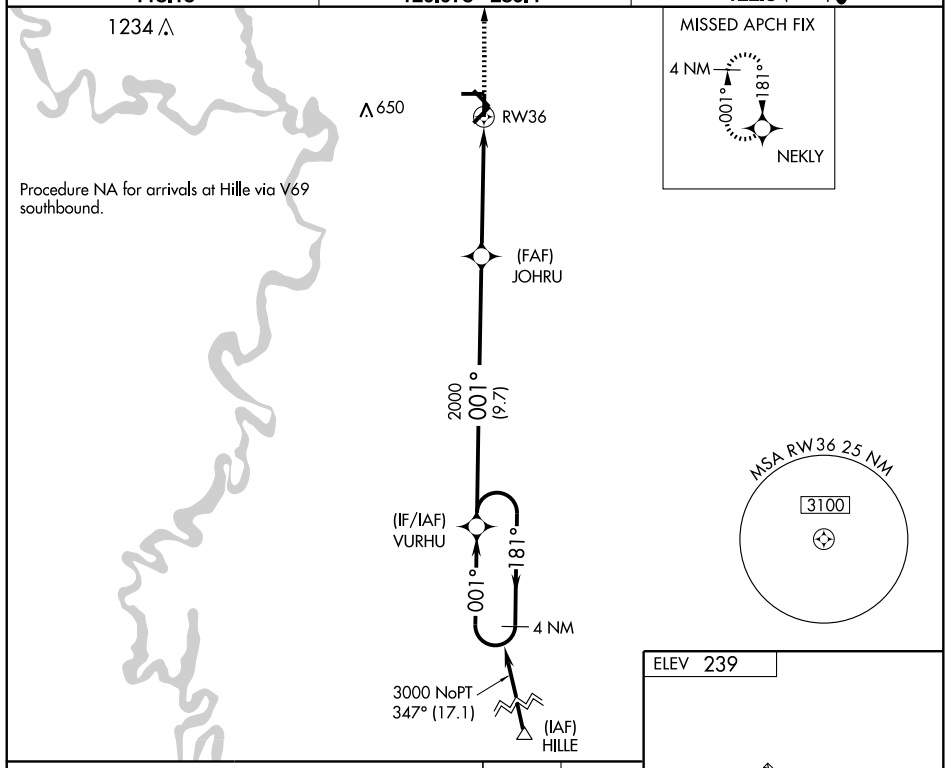
WAAS	APP CRS	Rwy Idg	5002
CH 70708	001°	TDZE	239
W36A		Apt Elev	239

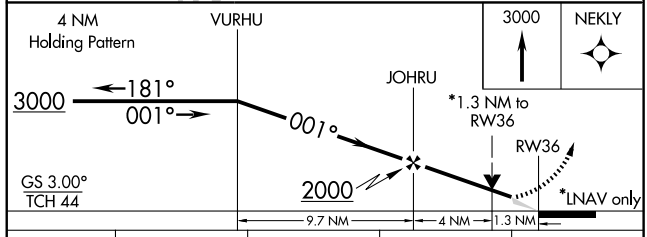
RNAV (GPS) RWY 36
NEWPORT MUNI (M19)

Baro-VNAV NA when using Batesville altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Batesville altimeter setting and increase all DA 86 feet and all MDA 100 feet, LPV and LNAV/VNAV visibilities ½ mile all Cats, LNAV Cats C and D visibilities ¼ mile, circling Cat C visibility ¼ mile. VDP NA when using Batesville altimeter setting.

MISSED APPROACH: Climb to 3000 direct NEKLY and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.15	120.075 289.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	489-¾ 250 (300-¾)			
LNAV/VNAV DA	614-1¼ 375 (400-1¼)			
LNAV MDA	700-1 461 (500-1)		700-1¼ 461 (500-1¼)	700-1½ 461 (500-1½)
CIRCLING	760-1 521 (600-1)		760-1½ 521 (600-1½)	800-2 561 (600-2)

REIL Rwys 18 and 36
MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC ARG	APP CRS	Rwy Idg	5002
114.5	197°	TDZE	239
Chan 92		Apt Elev	239

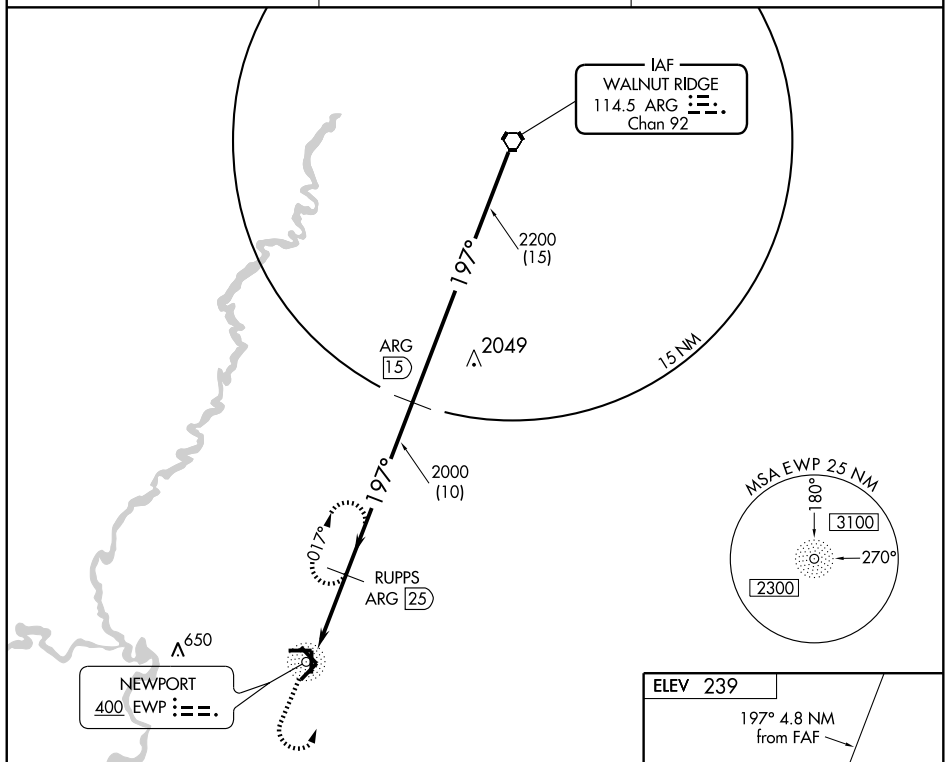
VOR/DME RWY 18

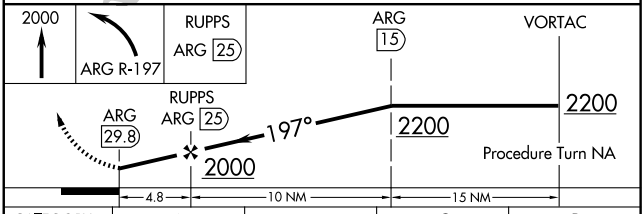
NEWPORT MUNI (M19)

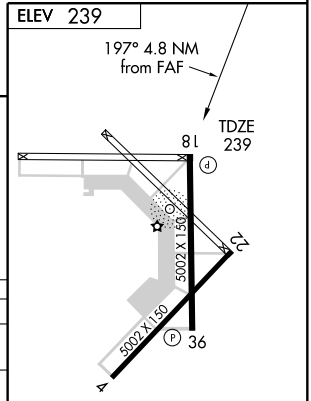
Obtain local altimeter setting on CTAF; if not received, use Batesville Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 then left turn via ARG VORTAC R-197 to RUPPS 25 DME and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.15	120.075 289.4	122.8 (CTAF) L







REIL Rwys 18 and 36
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-18	1300-1¼ 1061 (1100-1¼)	1300-1½ 1061 (1100-1½)	1300-3 1061 (1100-3)	
CIRCLING	1300-1¼ 1061 (1100-1¼)	1300-1½ 1061 (1100-1½)	1300-3 1061 (1100-3)	
BATESVILLE ALTIMETER SETTING MINIMUMS				
S-18	1400-1¼ 1161 (1200-1¼)	1400-1½ 1161 (1200-1½)	1400-3 1161 (1200-3)	
CIRCLING	1400-1¼ 1161 (1200-1¼)	1400-1½ 1161 (1200-1½)	1400-3 1161 (1200-3)	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NORTH LITTLE ROCK, ARKANSAS AL-5897 (FAA)

LOC/DME I-ORK	APP CRS	Rwy Idg	5002
111.9	053°	TDZE	541
Chan 56		Apt Elev	545

LOC/DME RWY 5

NORTH LITTLE ROCK MUNI (ORK)

Use Adams Field altimeter setting, if not received use Searcy altimeter setting and increase all MDAs 60 feet. Circling NA for Cat C north of Rwy 5-23 when R-2403B active. Visibility reduction by helicopters NA.

NA

MISSED APPROACH: Climb to 1700 then climbing left turn to 4000 on LIT VORTAC R-352 to OCAPU/25 DME and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.6	122.8 (CTAF) L

RADAR REQUIRED

MISSED APCH FIX

172°
352°
OCAPU
LIT 25
R-352
Chan 86
113.9 LIT

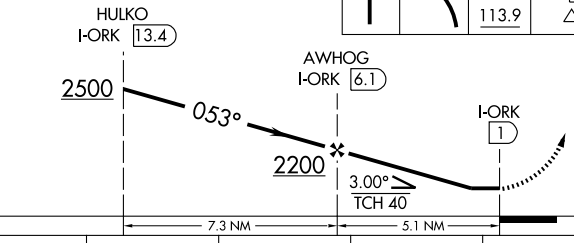
R-2403A
R-2403B

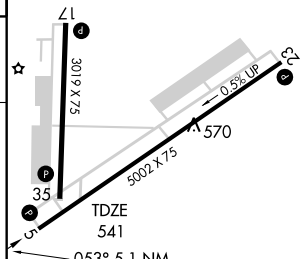
586±
730
635
739±
2220
AWHOG
I-ORK 6.1
(IAF)
PARON
LIT 23.5
(IF)
HULKO
I-ORK 13.4
2500
093°
(9.4)
2200
053°
(7.3)
233°
R-273
R-352
LOCALIZER 111.9
I-ORK
Chan 56
LITTLE ROCK
113.9 LIT
Chan 86
MSA LIT 25 NM
3300

ELEV 545

Use I-ORK DME when on the localizer course.

1700	4000	LIT R-352 113.9	OCAPU LIT 25





CATEGORY	A	B	C	D
S-LOC 5	980-1	439 (500-1)	980-1¼ 439 (500-1¼)	NA
CIRCLING	1040-1	495 (500-1)	1040-1½ 495 (500-1½)	NA

REIL Rwys 5, 17, and 23 L
MIRL Rwys 5-23 and 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 58106 W05A	APP CRS 053°	Rwy Idg 5002 / TDZE 541 / Apt Elev 545

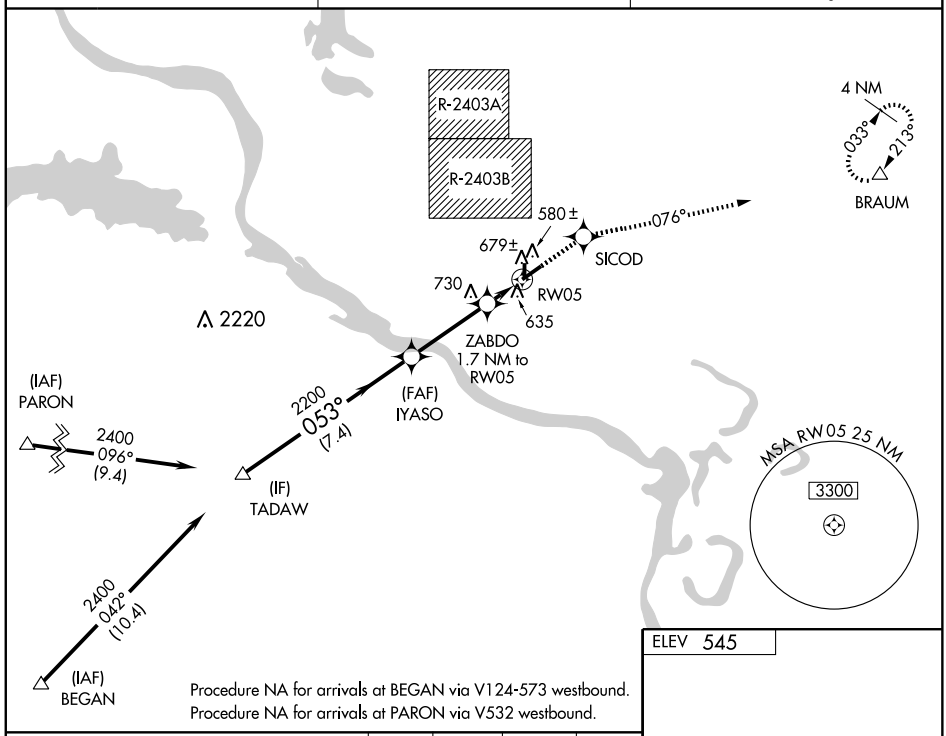
RNAV (GPS) RWY 5

NORTH LITTLE ROCK MUNI (ORK)

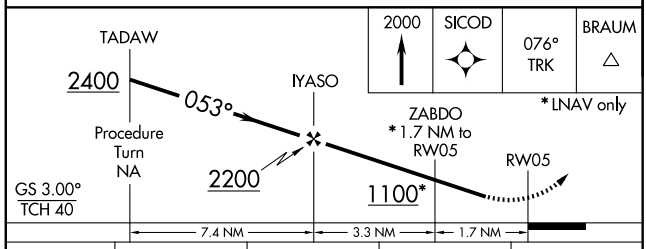
DME/DME RNP-0.3 NA. Use Little Rock/Adams Field altimeter setting, when not received procedure NA. Circling to Rwy 17 NA at night. Circling NA for Cats B and C north of Rwy 5-23 when restricted area R-2403B in use. BARO-VNAV NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2000 direct SICOD and via 076° track to BRAUM and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.6	122.8 (CTAF) L

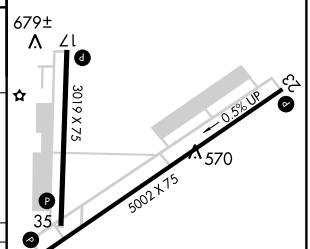


Procedure NA for arrivals at BEGAN via V124-573 westbound.
Procedure NA for arrivals at PARON via V532 westbound.



CATEGORY	A	B	C	D
LPV DA	854-1 313 (400-1)			NA
LNAV/VNAV DA	986-1½ 445 (500-1½)			NA
LNAV MDA	1000-1 459 (500-1)		1000-1¼ 459 (500-1¼)	NA
CIRCLING	1060-1 515 (600-1)		1060-1½ 515 (600-1½)	NA

ELEV 545



REIL Rwys 5, 17, and 23 L
MIRL Rwys 5-23 and 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

NORTH LITTLE ROCK, ARKANSAS AL-5897 (FAA)

APP CRS	Rwy Idg	3019
358°	TDZE	545
	Apt Elev	545

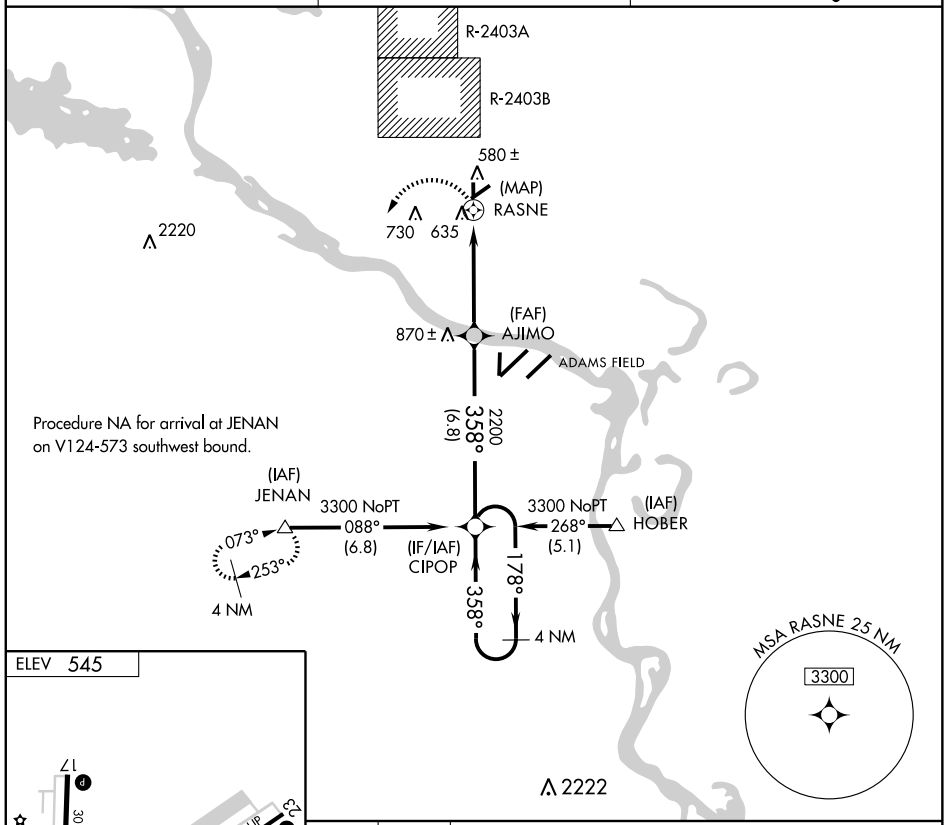
RNAV (GPS) RWY 35

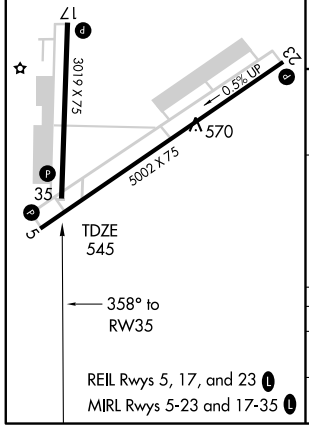
NORTH LITTLE ROCK MUNI (ORK)

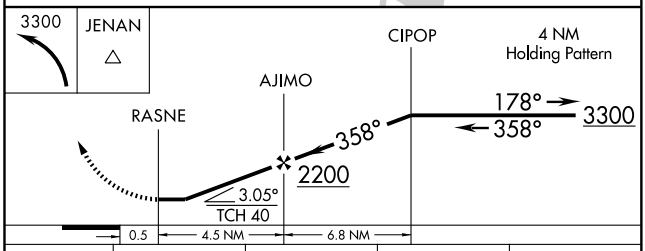
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.
NA
Circling Rwy 17 NA at night. Procedure not authorized when restricted area R-2403B is in use. Use Little Rock/Adams Field altimeter setting.

MISSED APPROACH: Climbing left turn to 3300 direct JENAN WP and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	960-1 415 (500-1)		960-1¼ 415 (500-1¼)	NA
CIRCLING	1040-1 495 (500-1)		1040-1½ 495 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

NORTH LITTLE ROCK, ARKANSAS AL-5897 (FAA)

VORTAC LIT	APP CRS	Rwy Idg	3009
113.9	332°	TDZE	545
Chan 86		Apt Elev	545

VOR RWY 35

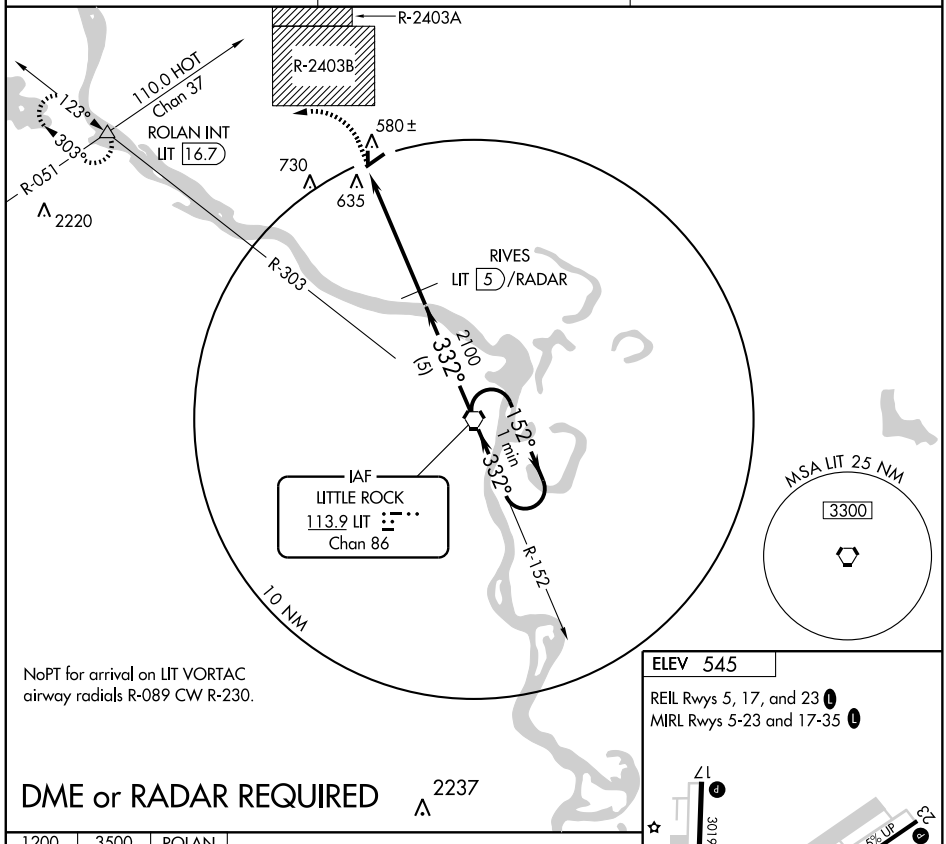
NORTH LITTLE ROCK MUNI (ORK)

Use Little Rock/Adams Field altimeter setting. Procedure not authorized when restricted area R-2403B in effect.

NA

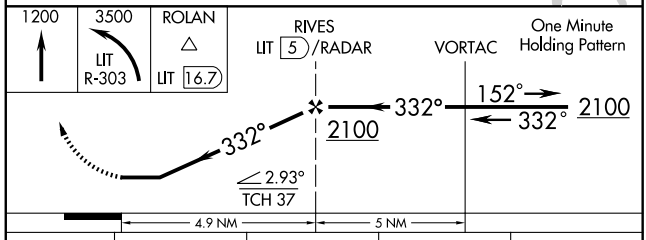
MISSED APPROACH: Climb to 1200 then climbing left turn to 3500 via LIT R-303 to ROLAN Int/LIT 16.7 DME and hold.

LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.5 306.2	121.6	122.8 (CTAF) L



NoPT for arrival on LIT VORTAC airway radials R-089 CW R-230.

DME or RADAR REQUIRED 2237

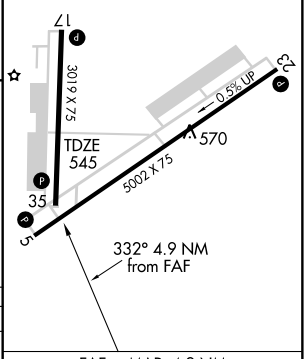


CATEGORY	A	B	C	D
S-35	940-1 395 (400-1)			NA
CIRCLING	1040-1 495 (500-1)		1040-1½ 495 (500-1½)	NA

ELEV 545

REIL Rwys 5, 17, and 23 L

MIRL Rwys 5-23 and 17-35 L



FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

SC-1, 17 DEC 2009 to 14 JAN 2010

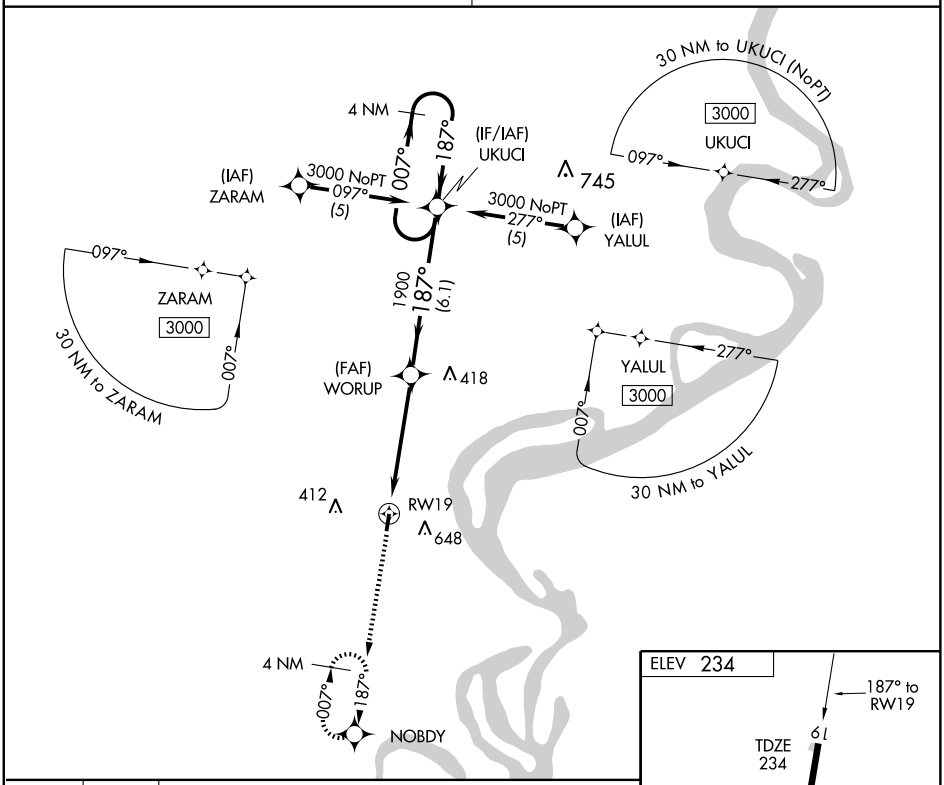
APP CRS	Rwy Idg	3800
187°	TDZE	234
	Apt Elev	234

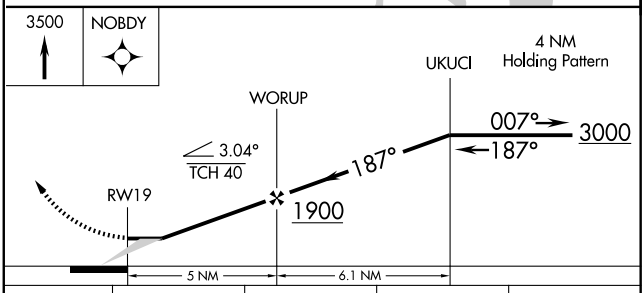
RNAV (GPS) RWY 19
OSCEOLA MUNI (7M4)

▼ DME/DME RNP-0.3 NA. Use Blytheville Muni altimeter setting; when not received use Covington Muni altimeter setting and increase all MDAs 20 feet.
▲ NA

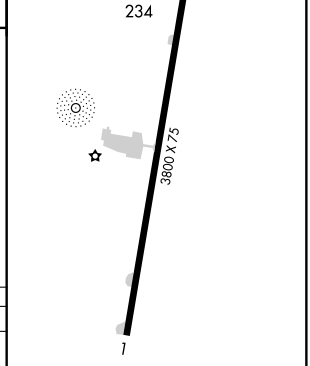
MISSED APPROACH: Climb to 3500 direct NOBDY and hold, continue climb-in-hold to 3500.

MEMPHIS CENTER	UNICOM
120.075 289.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	620-1 386 (400-1)			NA
CIRCLING	700-1 466 (500-1)	1060-1¼ 826 (900-1¼)	1060-2½ 826 (900-2½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC FSM 110.4 Chan 41	APP CRS 064°	Rwy Idg N/A TDZE N/A Apt Elev 648

VOR/DME or GPS-A

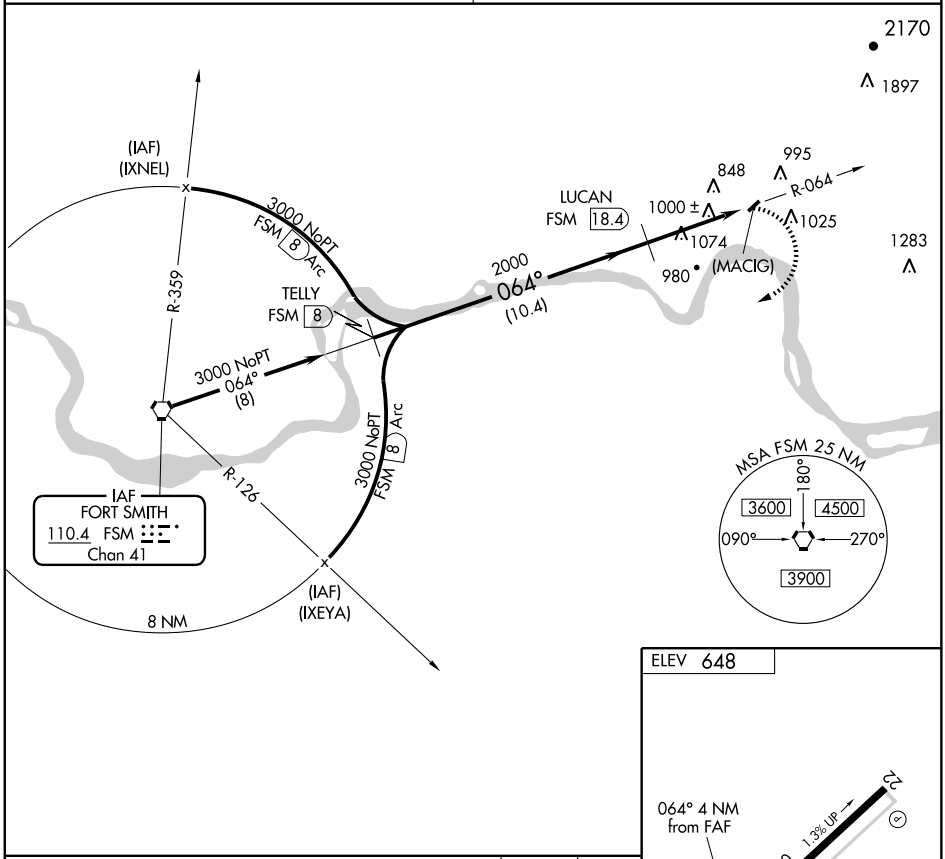
OZARK-FRANKLIN COUNTY (7M5)

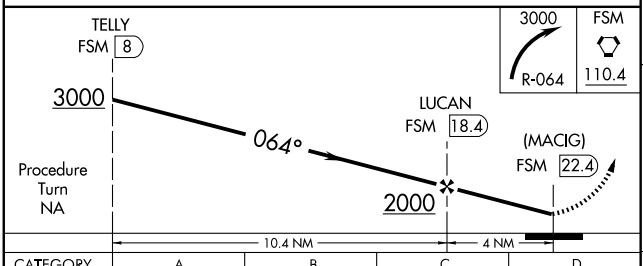
Use Fort Smith altimeter setting.
NA

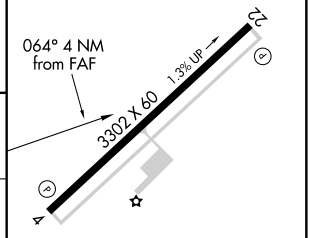
MISSED APPROACH: Climbing right turn to 3000 via R-064 to FSM VORTAC.

RAZORBACK APP CON ★
120.9 343.75

UNICOM
122.8 (CTAF) L







MIRL Rwy 4-22 L

CATEGORY	A	B	C	D
CIRCLING	1440-1 794 (800-1)	1440-1¼ 794 (800-1¼)	1440-2¼ 794 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB PGR	APP CRS	Rwy Idg	4352
383	238°	TDZE	288
		Apt Elev	290

NDB RWY 22

PARAGOULD/ KIRK FIELD (PGR)

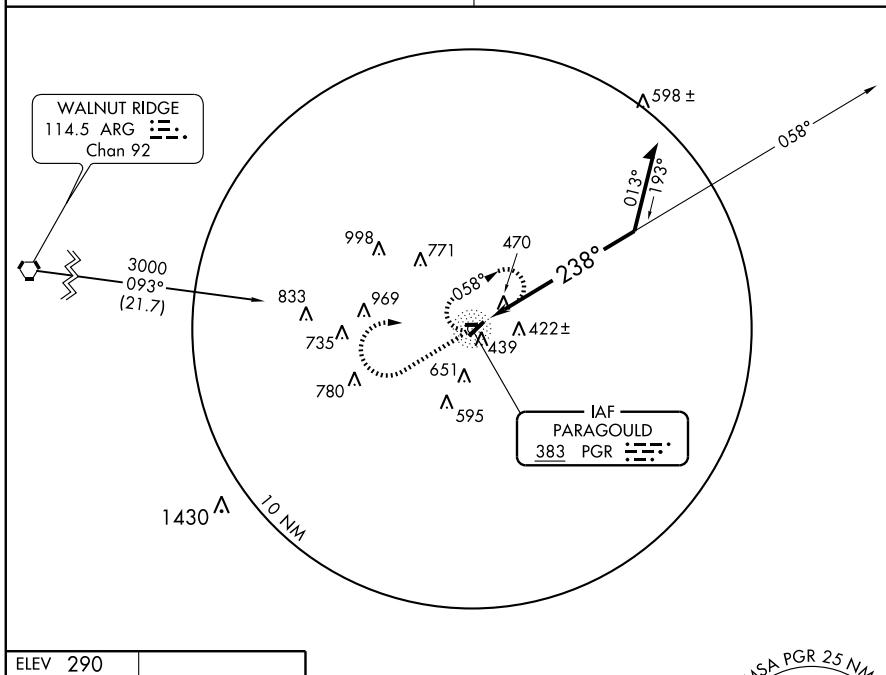
Use Jonesboro altimeter setting.

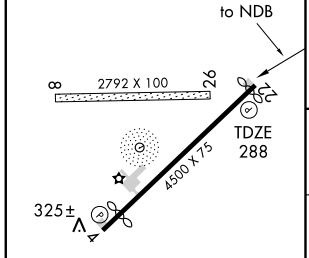
NA

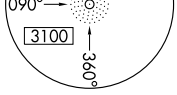
MISSED APPROACH: Climb to 1500 then climbing right turn to 2500 direct PGR NDB and hold.

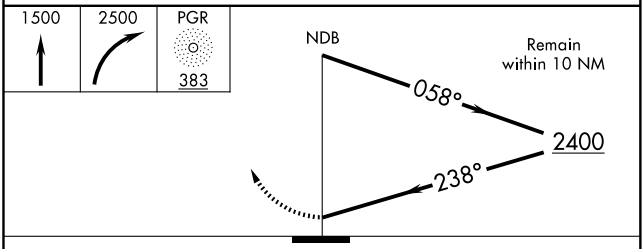
MEMPHIS CENTER
120.075 289.4

UNICOM
122.8 (CTAF) L









CATEGORY	A	B	C	D
S-22	920-1¼ 632 (700-1¼)		NA	
CIRCLING	920-1¼ 630 (700-1¼)		NA	

MIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4011
045°	TDZE	289
	Apt Elev	290

RNAV (GPS) RWY 4

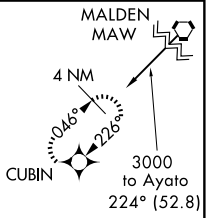
PARAGOULD/ KIRK FIELD (PGR)

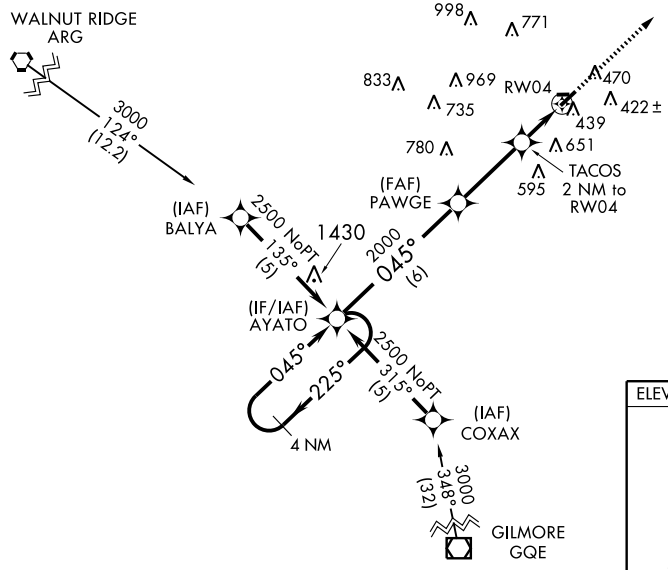
Use Jonesboro altimeter setting.
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

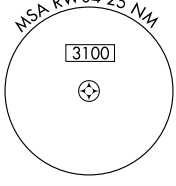
MISSED APPROACH: Climb to 3000 direct CUBIN WP and hold.

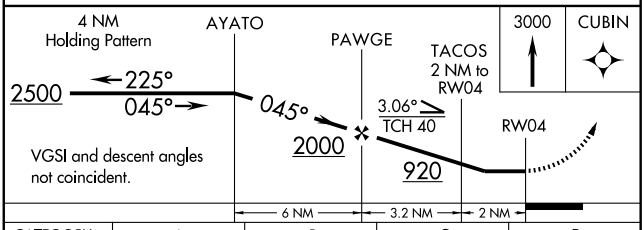
MEMPHIS CENTER	UNICOM
120.075 289.4	122.8 (CTAF) L

Procedure NA for arrival on MAW VORTAC airway radials 198 CW 239.
Procedure NA for arrival on ARG VORTAC airway radials 089 CW 149.
Procedure NA for arrival on GQE VOR/DME airway radials 329 CW 017.

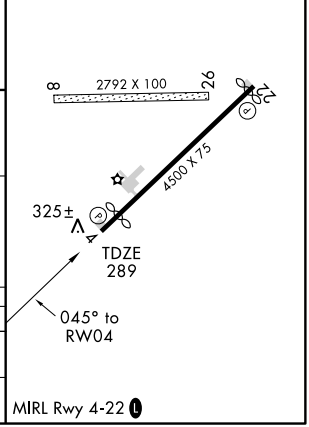








CATEGORY	A	B	C	D
LNAV MDA	800-1¼	511 (600-1¼)	NA	
CIRCLING	860-1¼	570 (600-1¼)	NA	



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4352
225°	TDZE	288
	Apt Elev	290

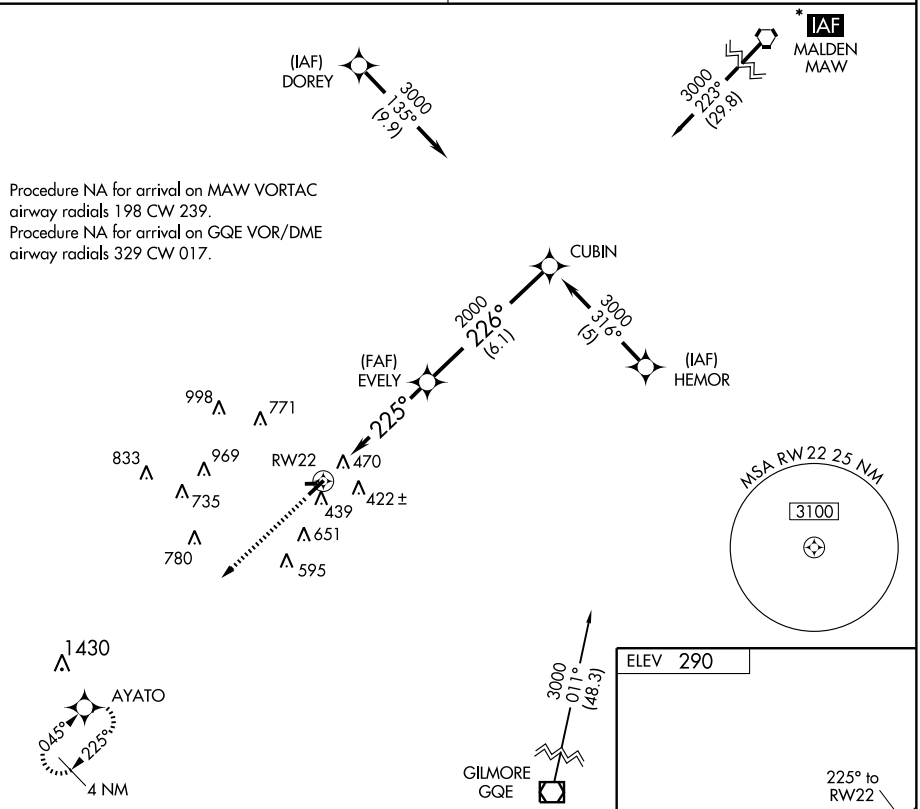
RNAV (GPS) RWY 22

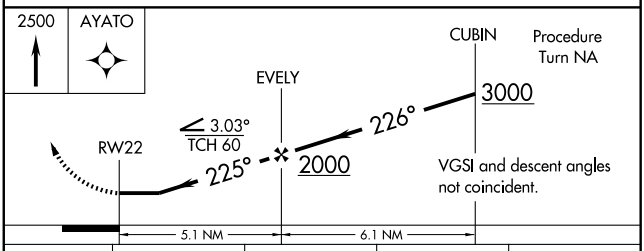
PARAGOULD/KIRK FIELD (PGR)

Use Jonesboro altimeter setting.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
Arm Approach Mode prior to IAF.

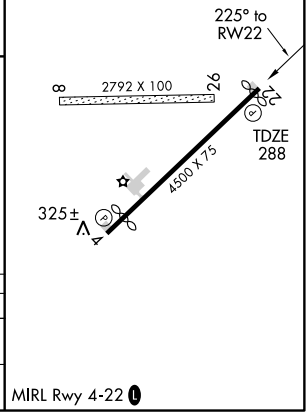
MISSED APPROACH: Climb to 2500 direct AYATO WP and hold.

MEMPHIS CENTER	UNICOM
120.075 289.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	820-1¼	532 (600-1¼)	NA	
CIRCLING	860-1¼	570 (600-1¼)	NA	



SC-1, 17 DEC 2009 to 14 JAN 2010

PARAGOULD, ARKANSAS AL-5544 (FAA)

VOR/DME JBR	APP CRS	Rwy Idg	4011
108.6	017°	TDZE	289
Chan 23		Apt Elev	290

VOR RWY 4

PARAGOULD/ KIRK FIELD (PGR)

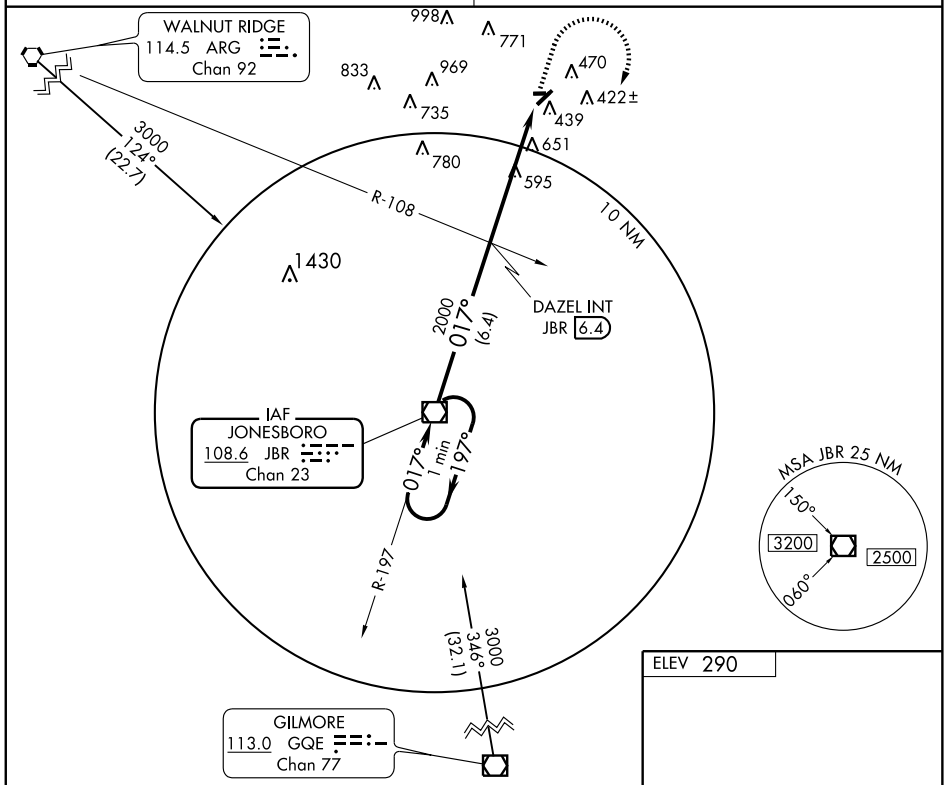
Use Jonesboro altimeter setting.

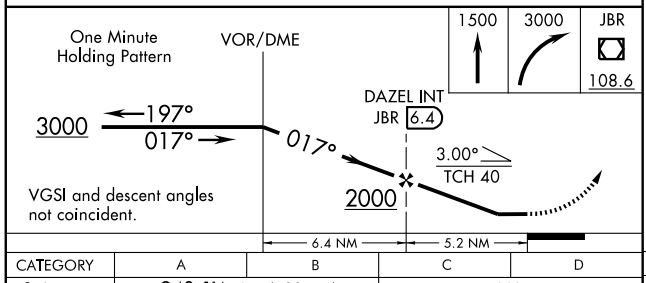
NA

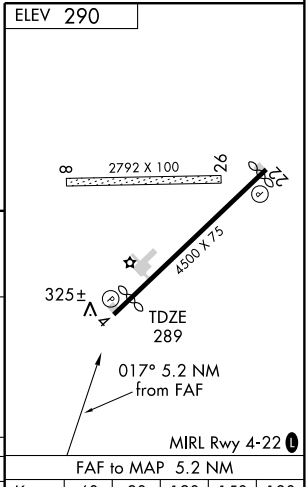
MISSED APPROACH: Climb to 1500, then climbing right turn to 3000 direct JBR VOR/DME and hold.

MEMPHIS CENTER 120.075 289.4

UNICOM 122.8 (CTAF) L







CATEGORY	A	B	C	D
S-4	940-1¼ 651 (700-1¼)		NA	
CIRCLING	940-1¼ 650 (700-1¼)		NA	

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-PBF	APP CRS	Rwy Idg	5998
111.7	178°	TDZE	206
		Apt Elev	206

ILS or LOC RWY 18

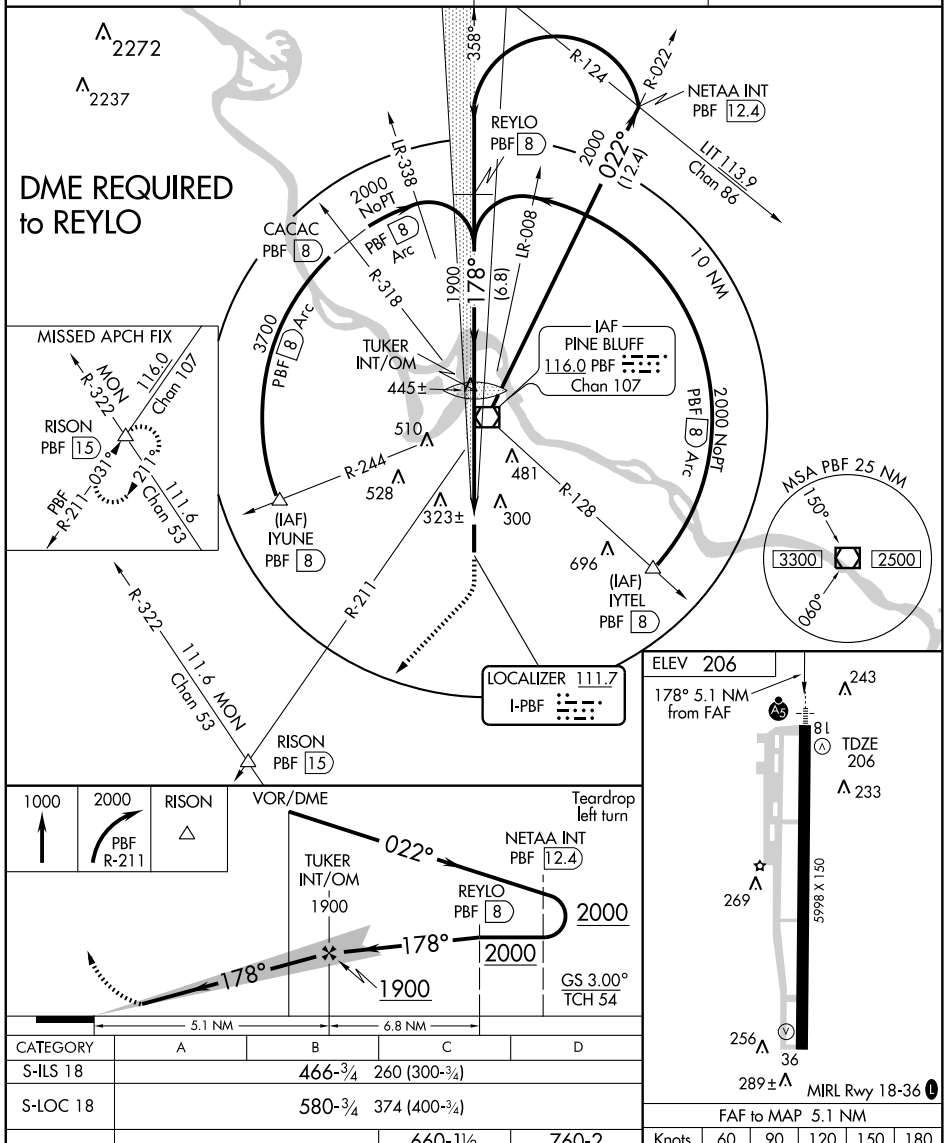
PINE BLUFF/GRIDER FIELD (PBF)

NA — Inoperative table does not apply to S-ILS 18. For inoperative MALSR increase S-LOC 18 Cat A/B/C visibility to 1.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 via PBF R-211 to RISON Int and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
120.775	119.85 353.6	119.85	123.0 (CTAF) L



CATEGORY	A	B	C	D
S-ILS 18	466-¾ 260 (300-¾)			
S-LOC 18	580-¾ 374 (400-¾)			
CIRCLING	660-1 454 (500-1)		660-1½ 454 (500-1½)	760-2 554 (600-2)

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5998
178°	TDZE	206
	Apt Elev	206

RNAV (GPS) RWY 18

PINE BLUFF/GRIDER FIELD (PBF)

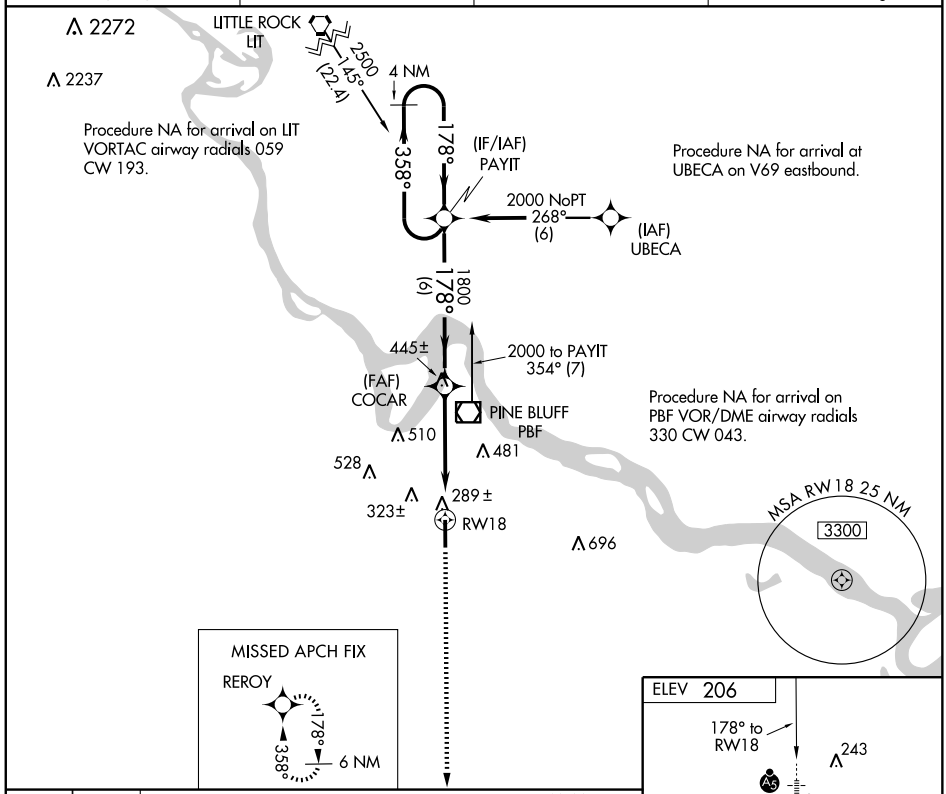
NA

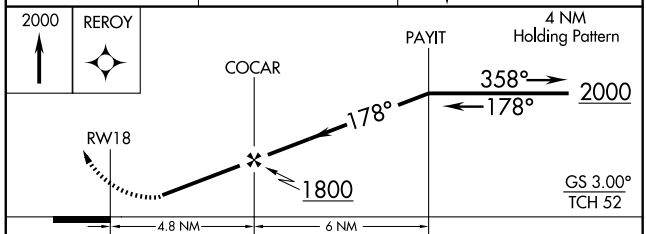
DME/DME RNP-0.3 NA. Baro-VNAV NA below -15°C (5°F). For inoperative MALSR, increase LNAV MDA visibility Cats A/B/C to 1 and Cat D to 1¼, increase LNAV/VNAV DA visibility to 1½ all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).

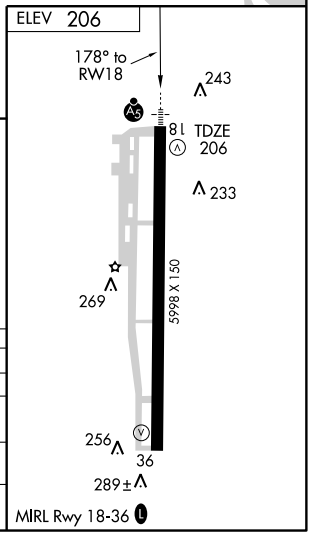
MALSR

MISSED APPROACH: Climb to 2000 direct REROY and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
120.775	119.85 353.6	119.85	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	NA			
LNAV/VNAV DA	645-1 439 (400-1)			
LNAV MDA	600-¾ 394 (400-¾)			600-1 394 (400-1)
CIRCLING	660-1½ 454 (500-1½)			760-2 554 (600-2)

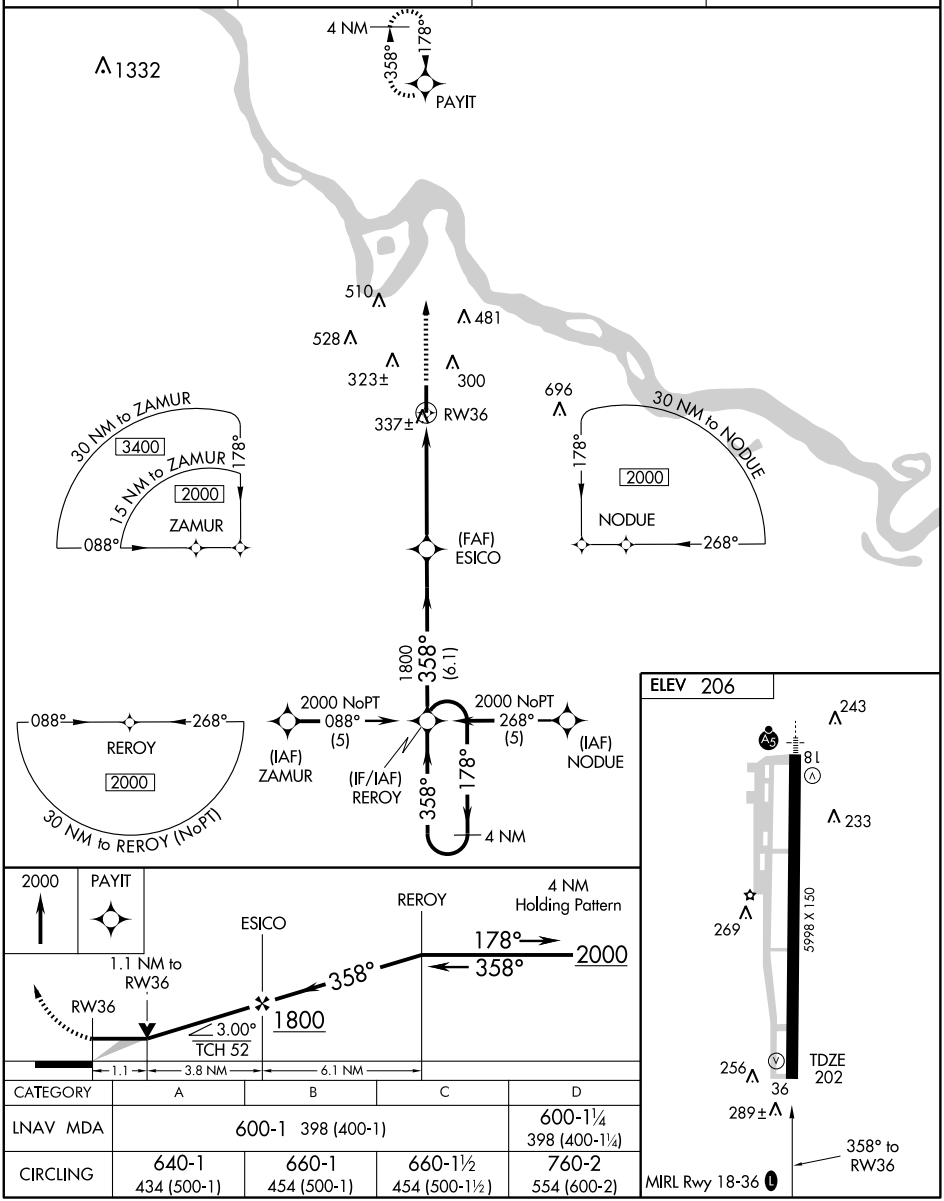
SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5998
358°	TDZE	202
	Apt Elev	206

RNAV (GPS) RWY 36

PINE BLUFF/GRIDER FIELD (PBF)

NA	DME/DME RNP-0.3 NA	MISSED APPROACH: Climb to 2000 direct PAYIT WP and hold.	
ASOS 120.775	LITTLE ROCK APP CON 119.85 353.6	CLNC DEL 119.85	UNICOM 123.0 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	600-1 398 (400-1)			600-1¼ 398 (400-1¼)
CIRCLING	640-1 434 (500-1)	660-1 454 (500-1)	660-1½ 454 (500-1½)	760-2 554 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

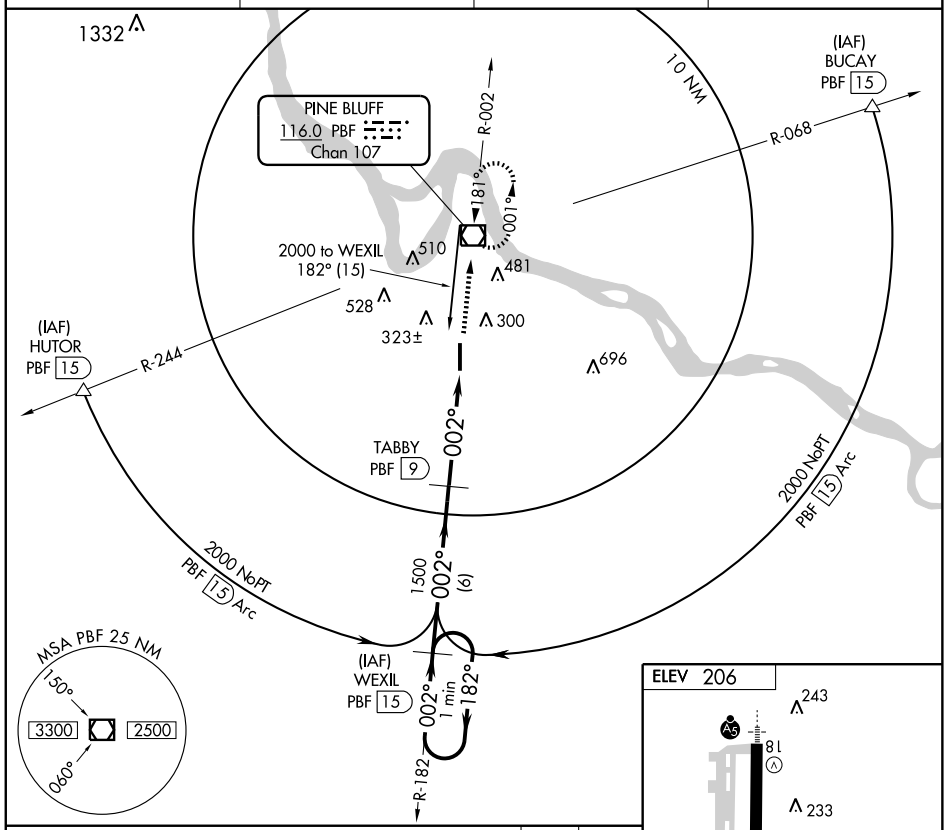
VOR/DME PBF	APP CRS	Rwy Idg	5998
116.0	002°	TDZE	202
Chan 107		Apt Elev	206

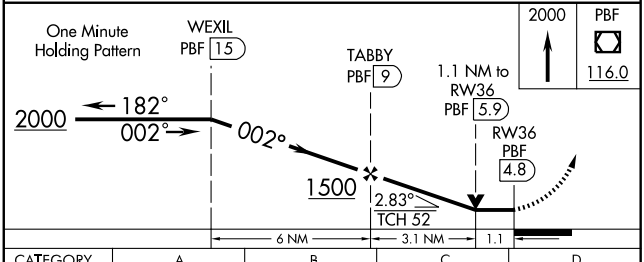
VOR/DME RWY 36

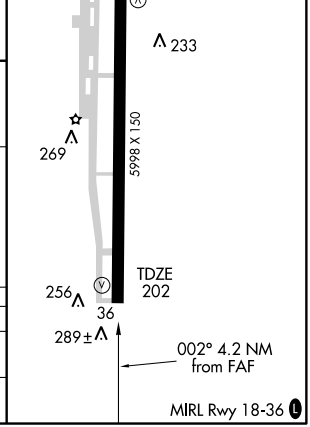
PINE BLUFF/ GRIDER FIELD (PBF)

MISSED APPROACH: Climb to 2000 direct PBF VOR/DME and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
120.775	119.85 353.6	119.85	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-36	600-1 398 (400-1)			600-1¼ 398 (400-1¼)
CIRCLING	660-1 454 (500-1)		660-1½ 454 (500-1½)	760-2 554 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME PBF	APP CRS	Rwy Idg	5998
116.0	183°	TDZE	206
Chan 107		Apt Elev	206

VOR RWY 18

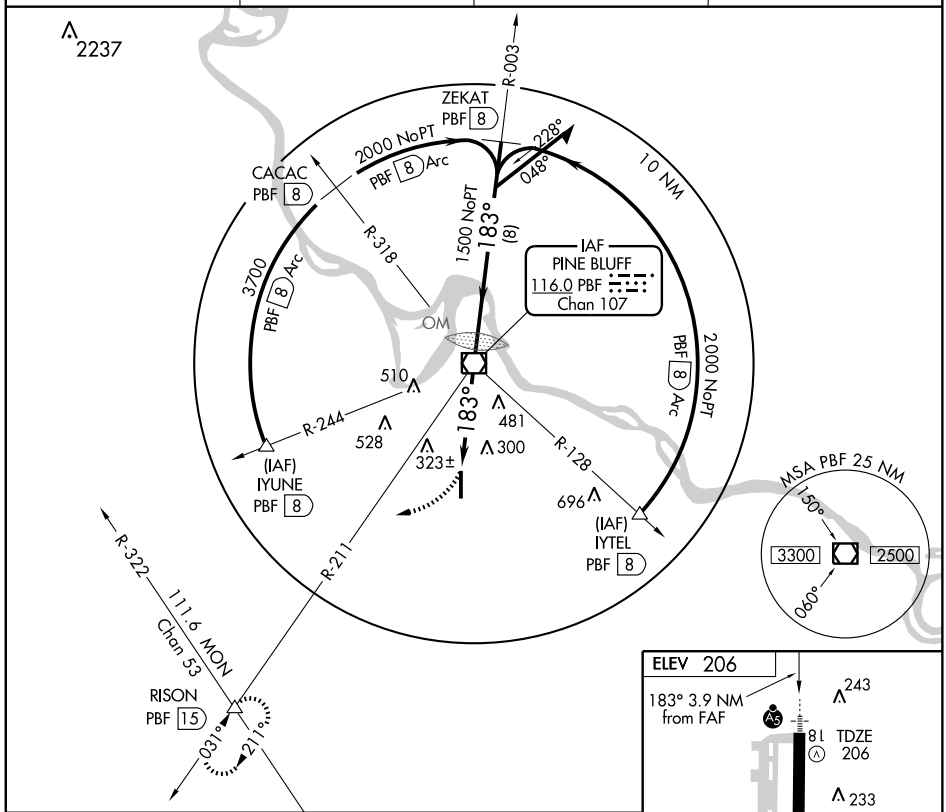
PINE BLUFF/GRIDER FIELD (PBF)

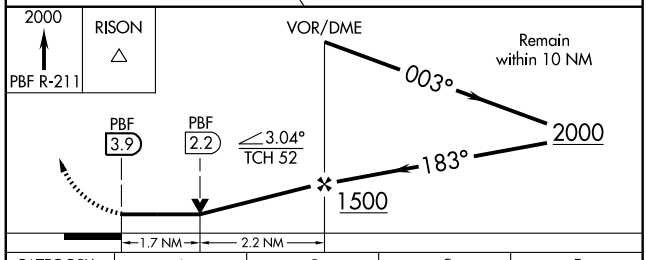
For inoperative MALSR, increase Cat A/B visibility to 1.

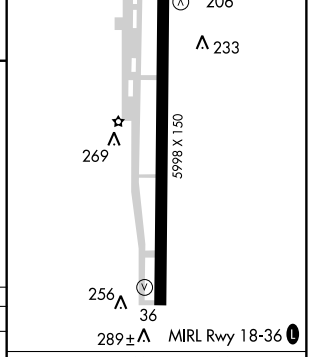
MALSR

MISSED APPROACH: Climb to 2000 via PBF R-211 to RISON INT/PBF 15 DME and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
120.775	119.85 353.6	119.85	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-18	800-¾ 594 (600-¾)		800-1 594 (600-1)	800-1¼ 594 (600-1¼)
CIRCLING	800-1 594 (600-1)		800-1½ 594 (600-1½)	800-2 594 (600-2)

FAF to MAP 3.9 NM

Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC ARG	APP CRS	Rwy Idg	3999
114.5	355°	TDZE	271
Chan 92		Apt Elev	271

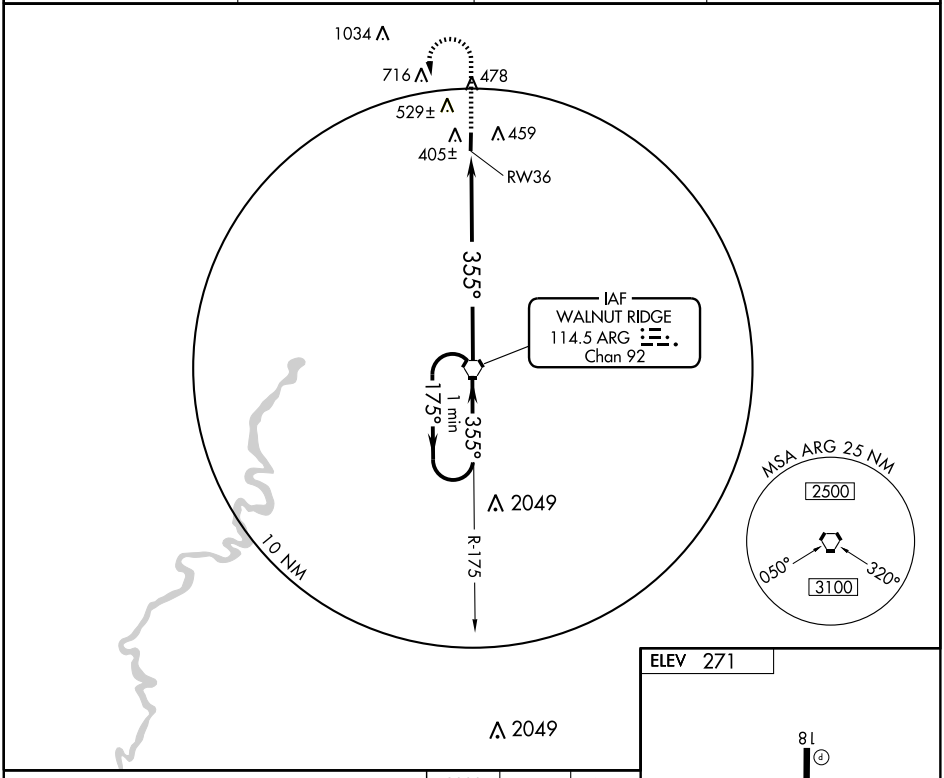
VOR or GPS RWY 36

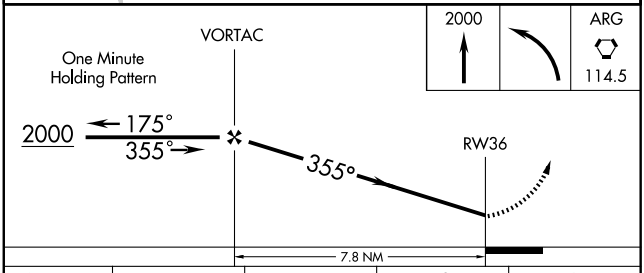
POCAHONTAS/ POCAHONTAS MUNI (M70)

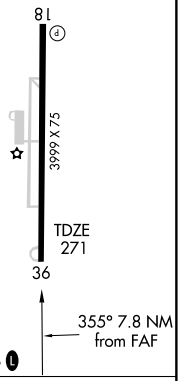
NA Use Walnut Ridge altimeter setting; if not received use Jonesboro altimeter setting; when neither received, procedure not authorized.

MISSED APPROACH: Climb to 2000, then left turn direct ARG VORTAC and hold.

WALNUT RIDGE AWOS-3	MEMPHIS CENTER	UNICOM	122.7 L
135.925	120.075 289.4	122.8 (CTAF)	







CATEGORY	A	B	C	D
S-36	760-1	489 (500-1)	NA	
CIRCLING	840-1	569 (600-1)	NA	
JONESBORO ALTIMETER SETTING MINIMUMS				
S-36	940-1	669 (700-1)	NA	
CIRCLING	960-1	689 (700-1)	NA	

FAF to MAP 7.8 NM

Knots	60	90	120	150	180
Min:Sec	7:48	5:12	3:54	3:07	2:36

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-ROG	APP CRS	Rwy Idg	6011
111.5	195°	TDZE	1353
Chan 52		Apt Elev	1358

ILS or LOC RWY 20

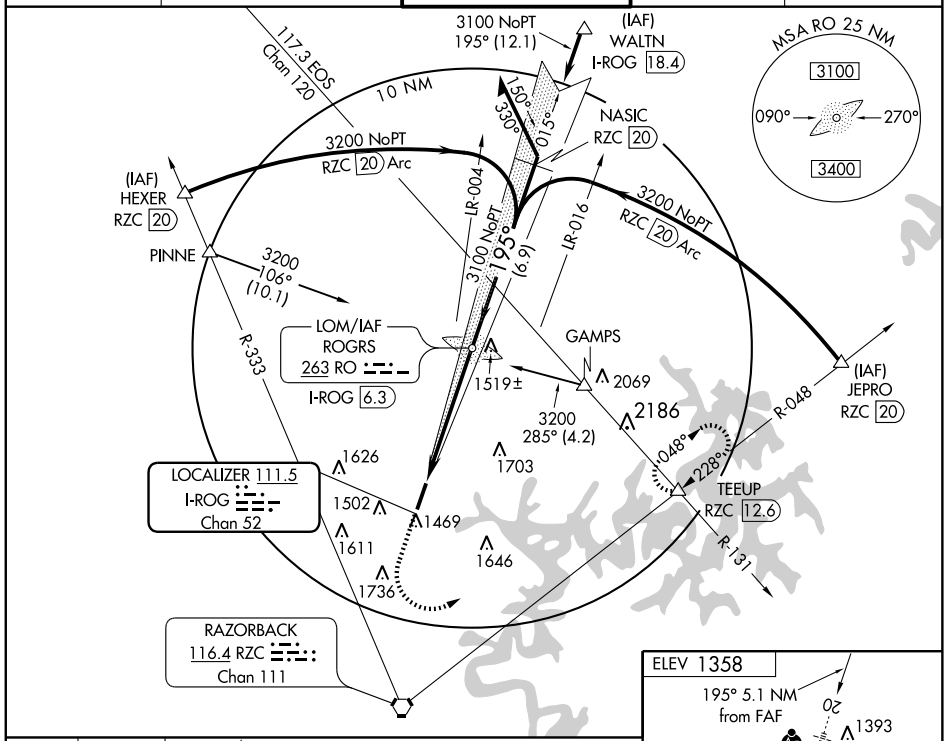
ROGERS MUNI-CARTER FIELD (ROG)

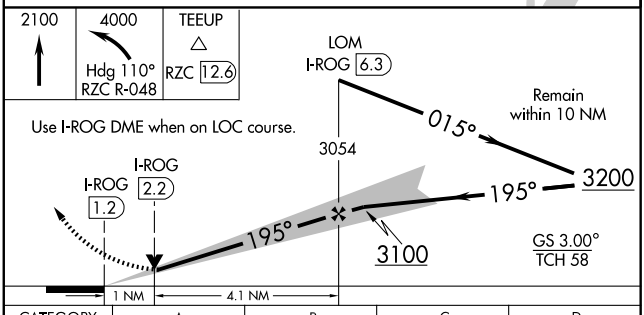
Autopilot coupled approach NA below 1632.

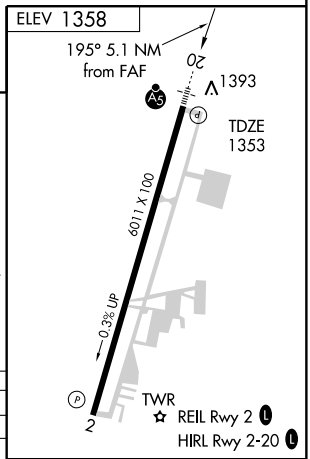
MALSR

MISSED APPROACH: Climb to 2100, then climbing left turn to 4000 via heading 110° and RZC R-048 to TEEUP Int/ RZC 12.6 DME and hold.

AWOS-3	RAZORBACK APP CON ★	ROGERS TOWER ★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75







CATEGORY	A	B	C	D
S-ILS 20	1553-½ 200 (200-½)			
S-LOC 20	1740-½ 387 (400-½)			1740-¾ 387 (400-¾)
CIRCLING	1780-1 422 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-1, 17 DEC 2009 to 14 JAN 2010

LOM RO	APP CRS	Rwy Idg	6011
263	195°	TDZE	1353
		Apt Elev	1358

NDB RWY 20

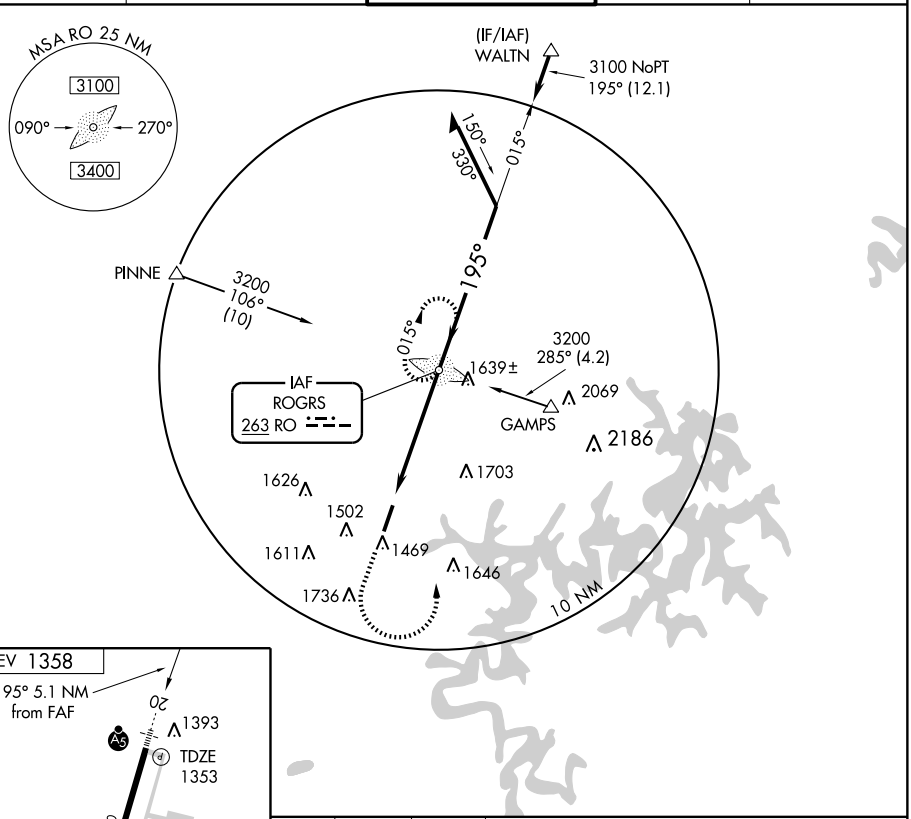
ROGERS MUNI-CARTER FIELD (ROG)

NA

MALSR

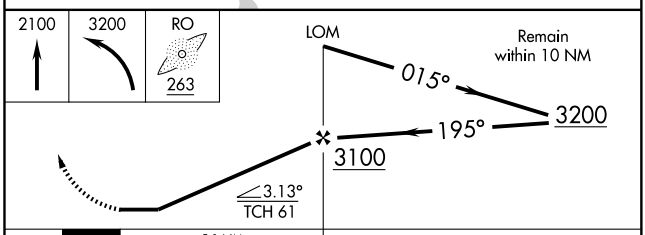
MISSED APPROACH: Climb to 2100, then climbing left turn to 3200 direct RO LOM and hold.

AWOS-3	RAZORBACK APP CON ★	ROGERS TOWER ★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75



FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-20	1780-¾ 427 (500-¾)			1780-1¼ 427 (500-1¼)
CIRCLING	1780-1 422 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6011
015°	TDZE	1358
	Apt Elev	1358

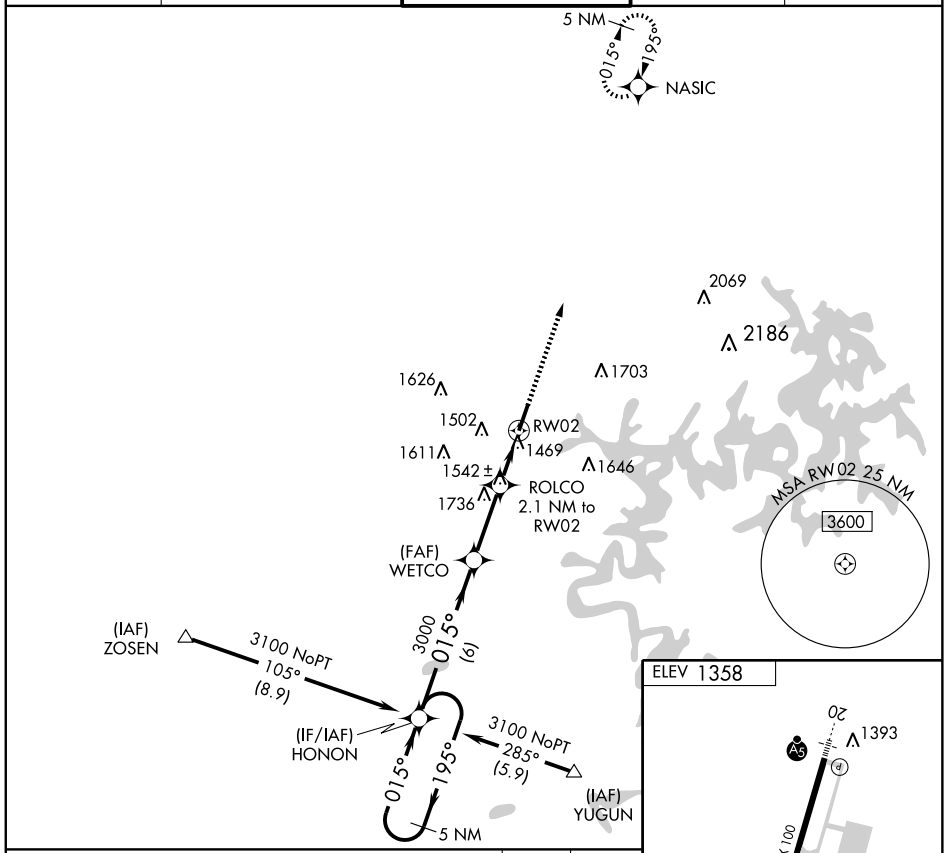
RNAV (GPS) RWY 2

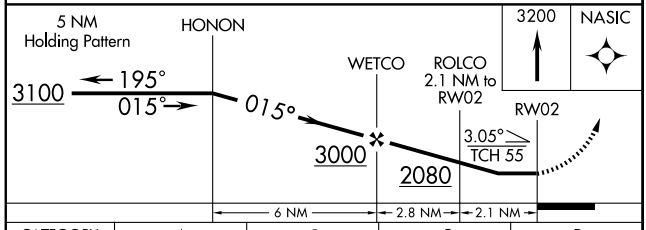
ROGERS MUNI-CARTER FIELD (ROG)

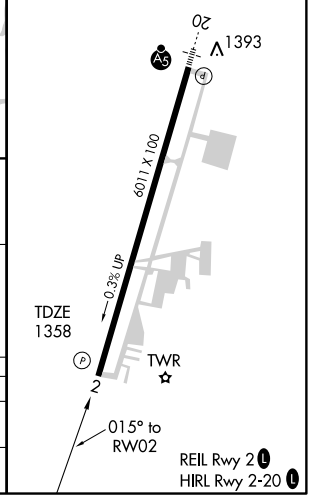
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3200 direct NASIC and hold.

AWOS-3	RAZORBACK APP CON★	ROGERS TOWER★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75







CATEGORY	A	B	C	D
LNAV MDA	1800-1 442 (500-1)		1800-1¼ 442 (500-1¼)	1800-1½ 442 (500-1½)
CIRCLING	1800-1 442 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

REIL Rwy 2 L
HIRL Rwy 2-20 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40003 W20A	APP CRS 195°	Rwy Idg 6011 TDZE 1353 Apt Elev 1358

RNAV (GPS) RWY 20

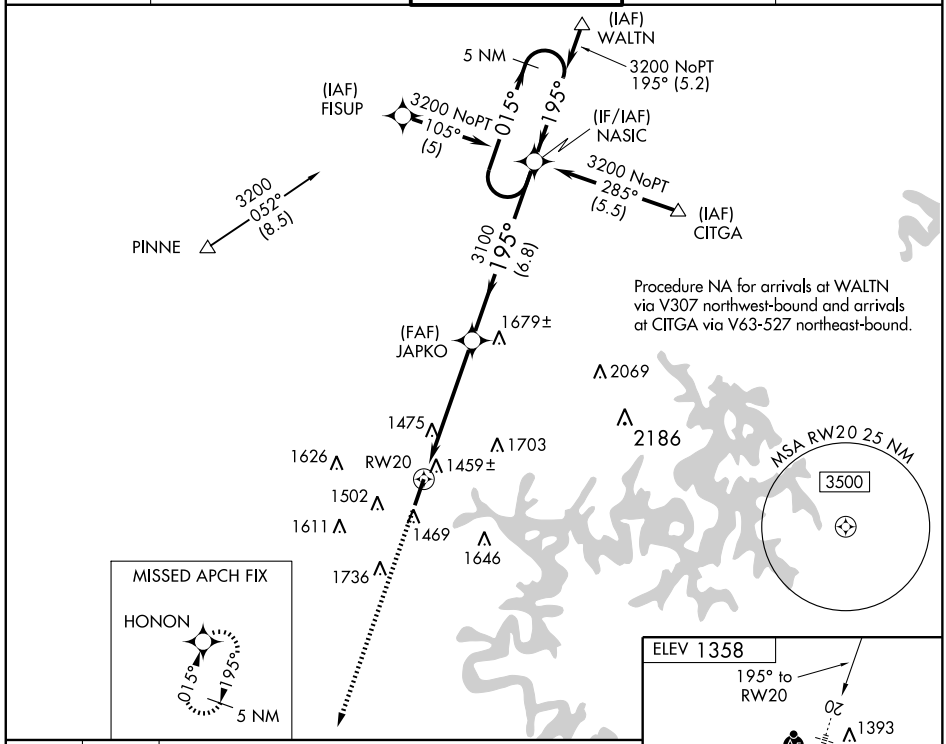
ROGERS MUNI-CARTER FIELD (ROG)

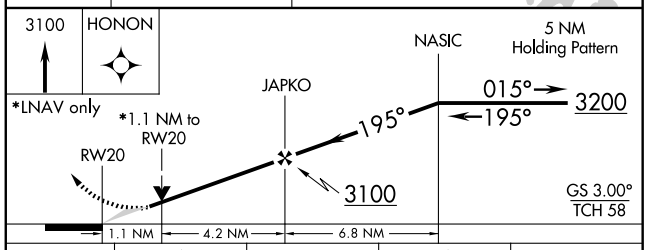
For inoperative MALSR, increase LNAV Cat D to 1¼. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Bentonville Muni altimeter setting and increase all DAs 22 feet and all MDAs 40 feet. BARO-VNAV and VDP NA when using Bentonville Muni altimeter setting.

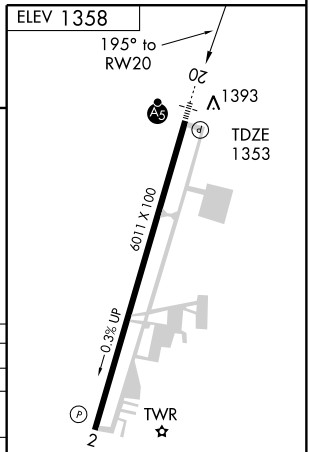
MALSR

MISSED APPROACH: Climb to 3100 direct HONON and hold.

AWOS-3	RAZORBACK APP CON★	ROGERS TOWER★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75







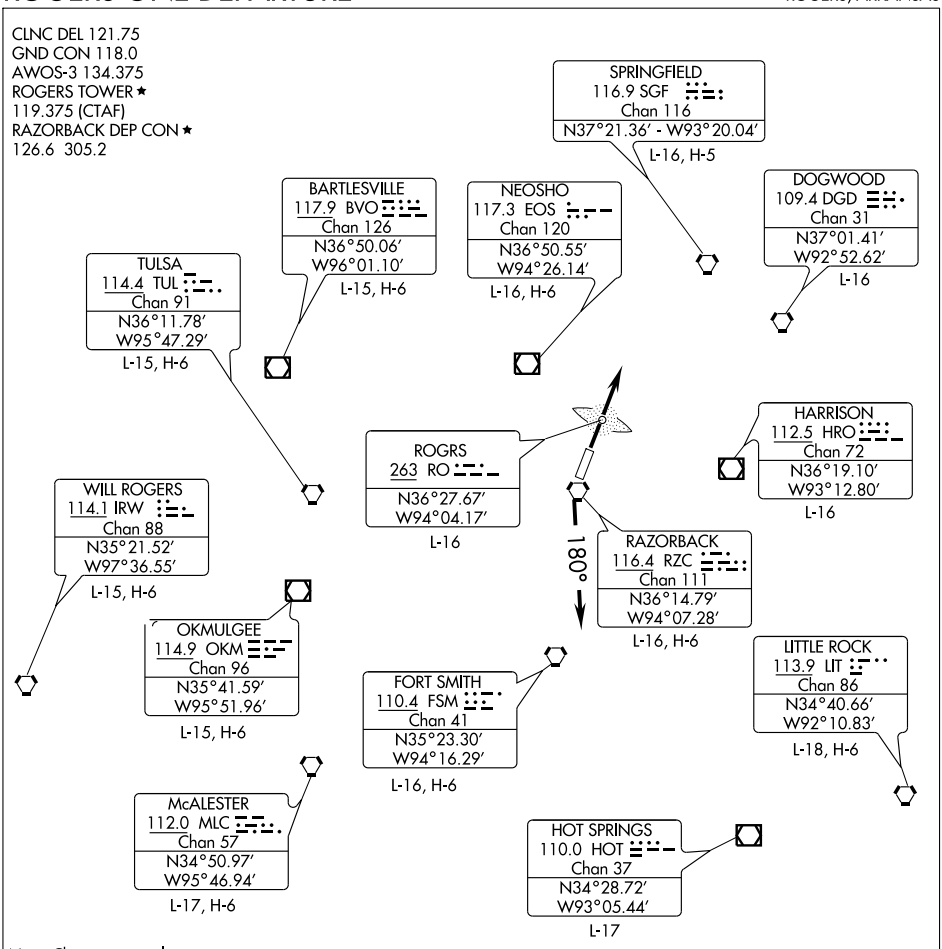
CATEGORY	A	B	C	D
LPV DA	1603-½ 250 (300-½)			
LNAV/VNAV DA	1729-¾ 376 (400-¾)			
LNAV MDA	1740-½ 387 (400-½)			1740-1 387 (400-1)
CIRCLING	1780-1 422 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

ROGERS ONE DEPARTURE

SL-5002 (FAA)

ROGERS MUNI-CARTER FIELD (ROG)
ROGERS, ARKANSAS



Note: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

All aircraft cleared as filed.
TAKE-OFF RUNWAY 2: Fly runway heading. Thence. . . .
TAKE-OFF RUNWAY 20: Turn left heading 180°. Thence. . . .
. . . . Expect radar vectors to filed/assigned route. Climb and maintain 3000 feet. Expect clearance to filed altitude/flight level ten minutes after departure.
LOST COMMUNICATIONS: If communications are not established within 2 minutes after departure, climb and maintain 5000 feet and proceed direct RO LOM, then proceed on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	6011
116.4	182°	TDZE	1353
Chan 111		Apt Elev	1358

VOR/DME RWY 20

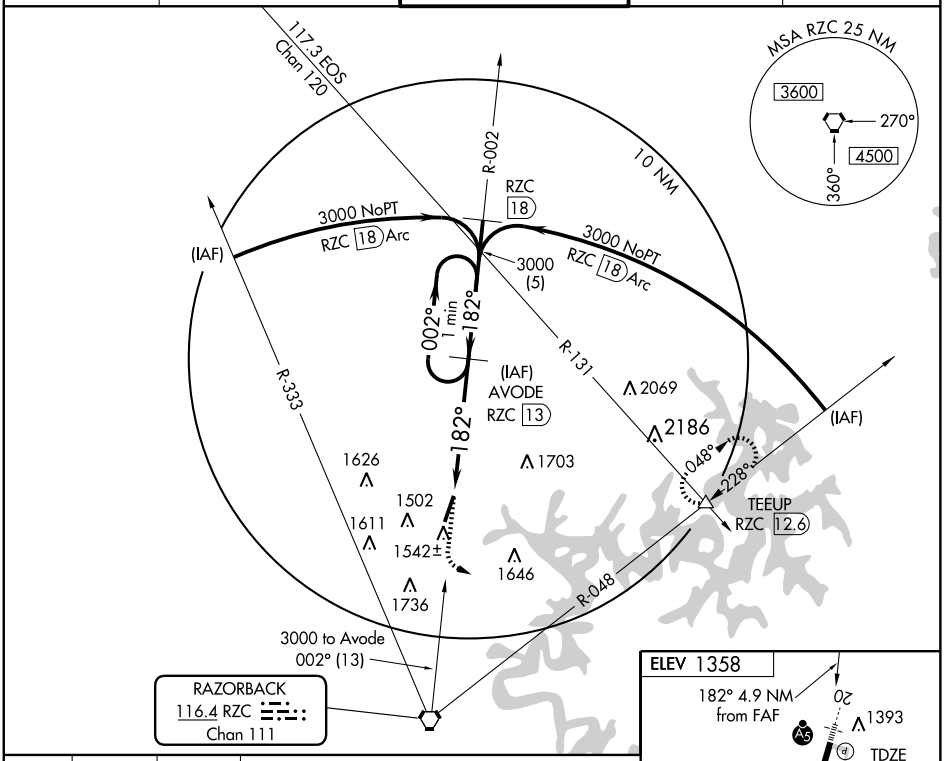
ROGERS MUNI-CARTER FIELD (ROG)

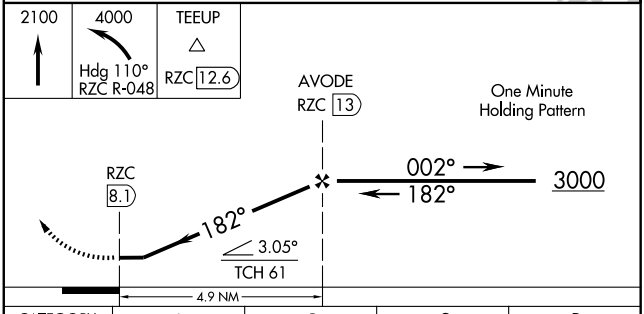
Inoperative components table NA.

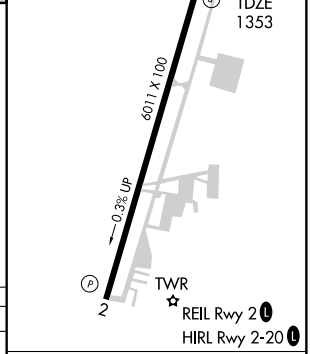
MALSR

MISSED APPROACH: Climb to 2100, then climbing left turn to 4000 via heading 110° and RZC R-048 to TEEUP Int and hold.

AWOS-3	RAZORBACK APP CON ★	ROGERS TOWER ★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75







CATEGORY	A	B	C	D
S-20	1740-1 387 (400-1)			1740-1¼ 387 (400-1¼)
CIRCLING	1780-1 422 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

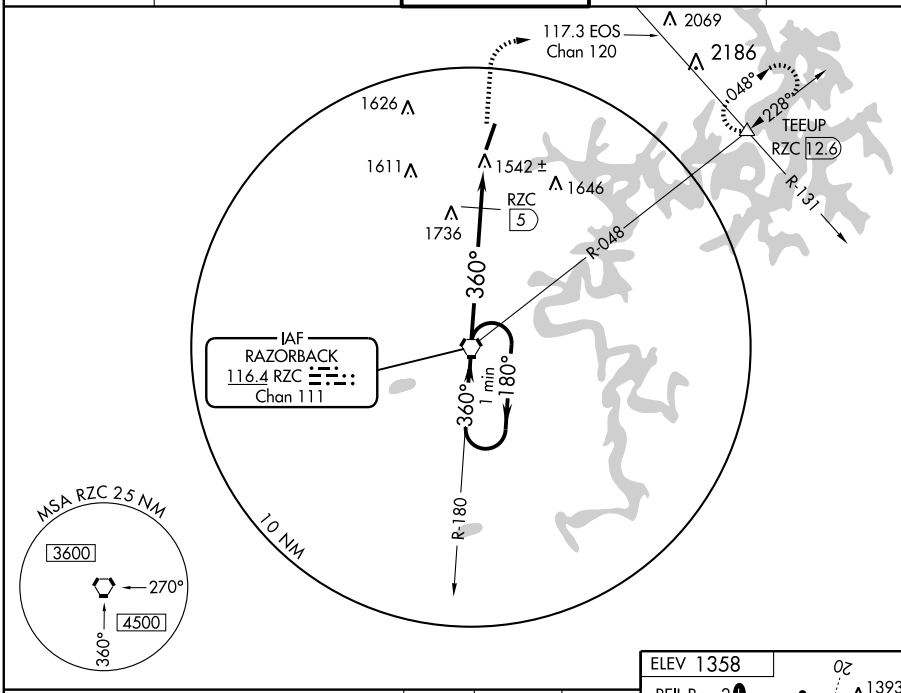
VORTAC RZC	APP CRS	Rwy Idg	6011
116.4	360°	TDZE	1358
Chan 111		Apt Elev	1358

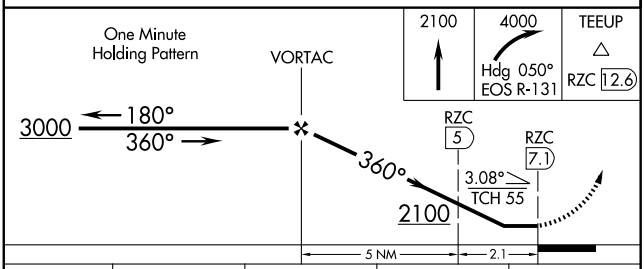
VOR RWY 2

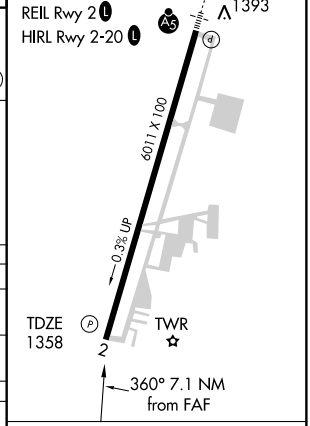
ROGERS MUNI-CARTER FIELD (ROG)

MISSED APPROACH: Climb to 2100, then climbing right turn to 4000 via heading 050° and EOS R-131 to TEEUP Int and hold.

AWOS-3	RAZORBACK APP CON★	ROGERS TOWER★	GND CON	CLNC DEL
134.375	126.6 305.2	119.375 (CTAF) L	118.0	121.75







CATEGORY	A	B	C	D
S-2	2100-1 742 (800-1)	2100-1¼ 742 (800-1¼)	2100-2¼ 742 (800-2¼)	2100-2½ 742 (800-2½)
CIRCLING	2100-1 742 (800-1)	2100-1¼ 742 (800-1¼)	2100-2¼ 742 (800-2¼)	2100-2½ 742 (800-2½)
DME MINIMUMS				
S-2	1800-1 442 (500-1)		1800-1¼ 442 (500-1¼)	1800-1½ 442 (500-1½)
CIRCLING	1800-1 442 (500-1)	1820-1 462 (500-1)	1820-1½ 462 (500-1½)	1920-2 562 (600-2)

FAF to MAP 7.1 NM

Knots	60	90	120	150	180
Min:Sec	7:06	4:44	3:33	2:50	2:22

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB RUE 379	APP CRS 360°	Rwy Idg N/A TDZE N/A Apt Elev 403

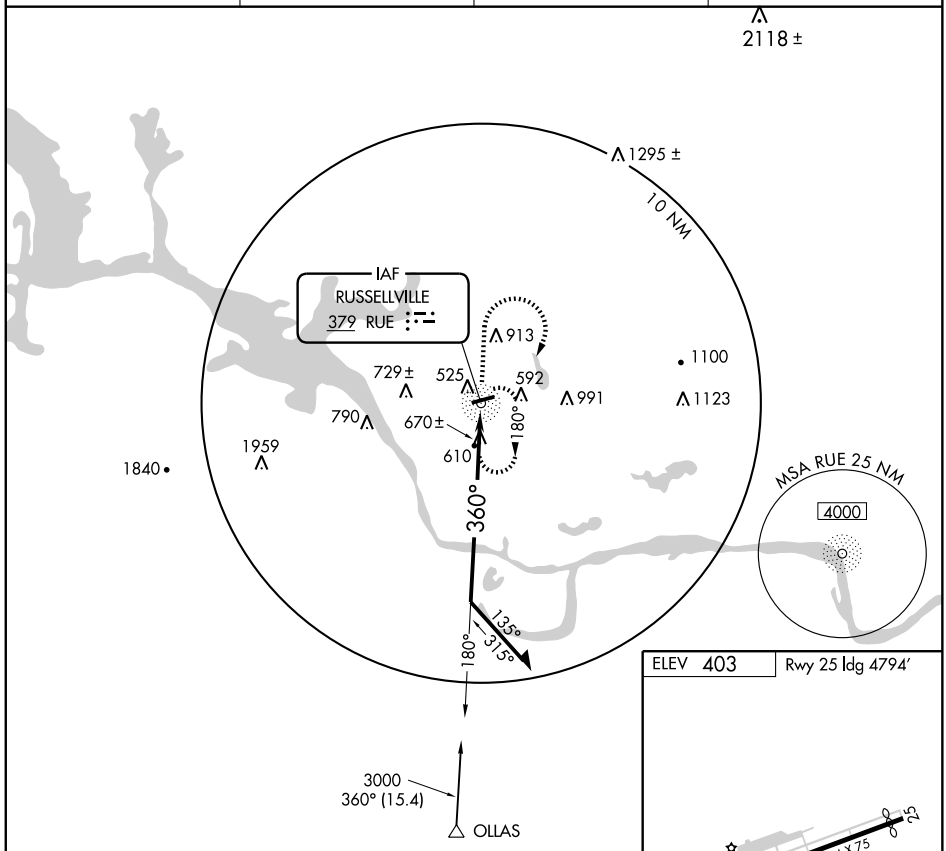
NDB-A

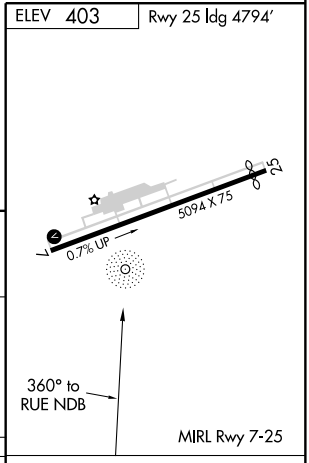
RUSSELLVILLE RGNL (RUE)

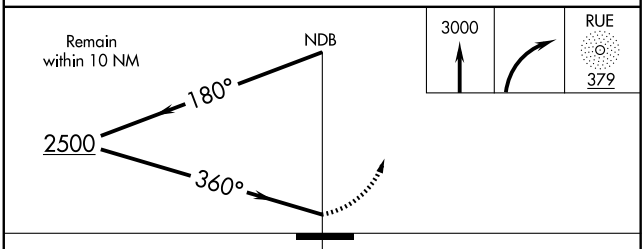
NA

MISSED APPROACH: Climb to 3000 then right turn direct RUE NDB and hold.

ASOS	RAZORBACK APP CON	MEMPHIS CENTER	UNICOM
132.475	120.9 343.75	128.475 377.15	122.7 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1140-1 737 (800-1)		1140-2 737 (800-2)	1220-2¾ 817 (900-2¾)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53601 W07A	APP CRS 072°	Rwy Idg 5094 TDZE 389 Apt Elev 403

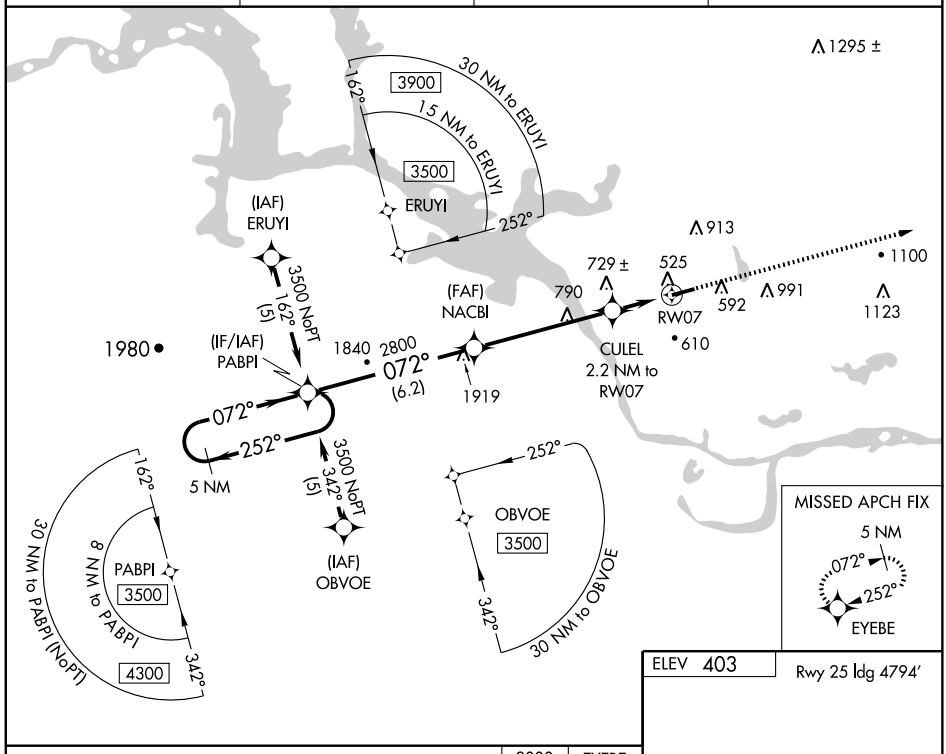
RNAV (GPS) RWY 7

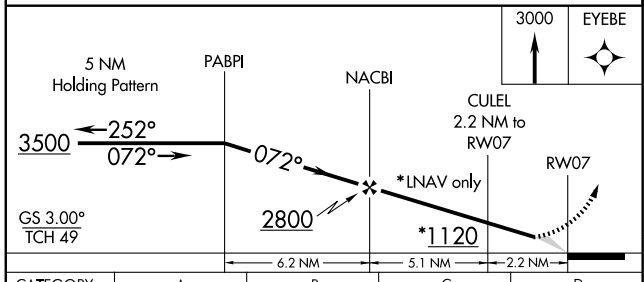
RUSSELLVILLE RGNL (RUE)

If local altimeter setting not received, procedure NA.
DME/DME RNP-0.3 NA.

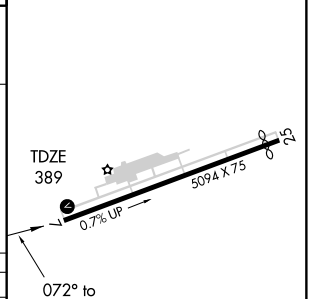
MISSED APPROACH: Climb to 3000 direct EYEBE and hold.

ASOS	RAZORBACK APP CON	MEMPHIS CENTER	UNICOM
132.475	120.9 343.75	128.475 377.15	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	664-1 275 (300-1)			
LNAV MDA	1000-1 611 (600-1)		1000-1¾ 611 (600-1¾)	1000-2 611 (600-2)
CIRCLING	1140-1 737 (800-1)		1140-2 737 (800-2)	1220-2¾ 817 (900-2¾)



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4794
252°	TDZE	403
	Apt Elev	403

RNAV (GPS) RWY 25

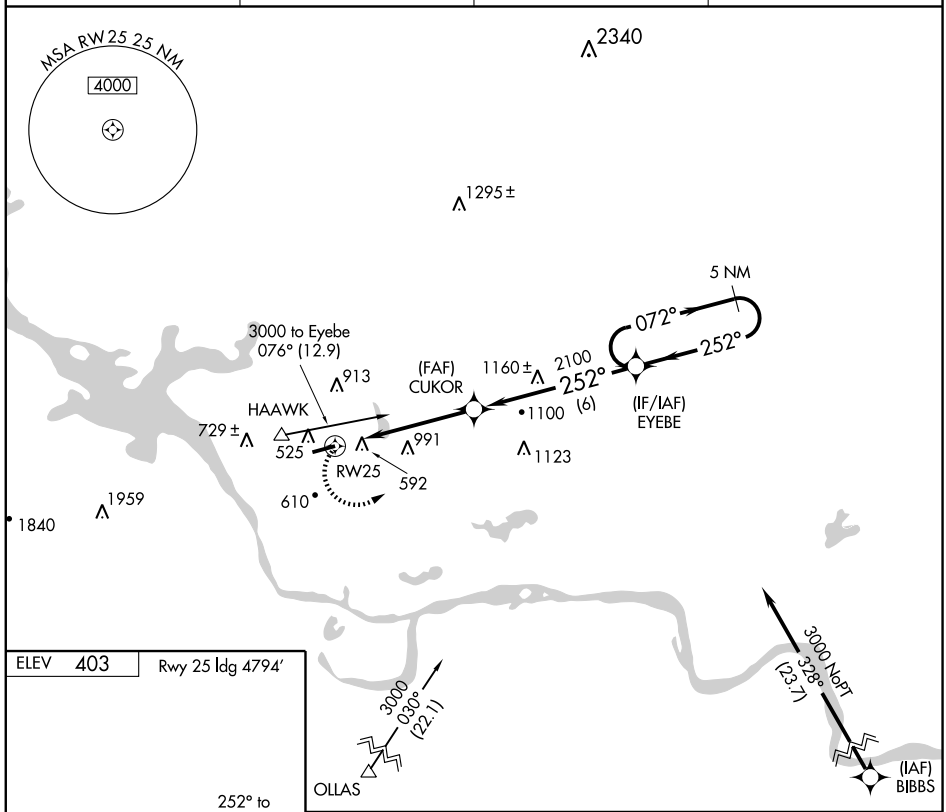
RUSSELLVILLE RGNL (RUE)

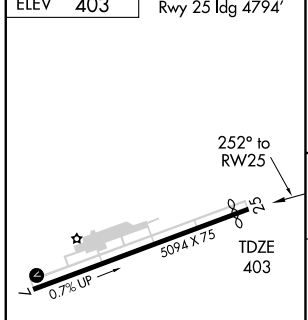
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

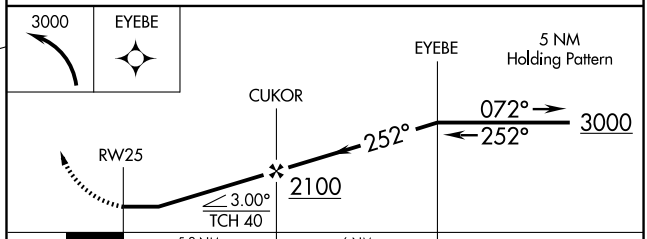
NA

MISSED APPROACH: Climbing left turn to 3000 direct EYEBE WP and hold.

ASOS	RAZORBACK APP CON	MEMPHIS CENTER	UNICOM
132.475	120.9 343.75	128.475 377.15	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1260-1 857 (900-1)	1260-1¼ 857 (900-1¼)	1260-2½ 857 (900-2½)	1260-2¾ 857 (900-2¾)
CIRCLING	1260-1 857 (900-1)	1260-1¼ 857 (900-1¼)	1260-2½ 857 (900-2½)	1260-2¾ 857 (900-2¾)

MIRL Rwy 7-25

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-DSY	APP CRS	Rwy Idg	6008
110.1	011°	TDZE	253
Chan 38		Apt Elev	264

ILS or LOC RWY 1

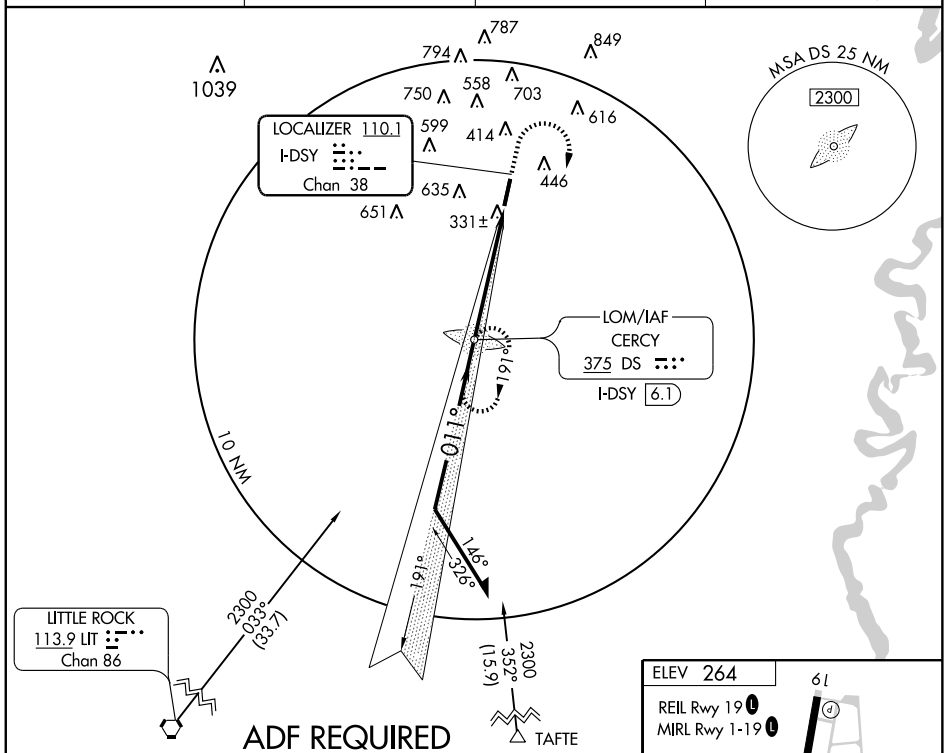
SEARCY MUNI (SRC)

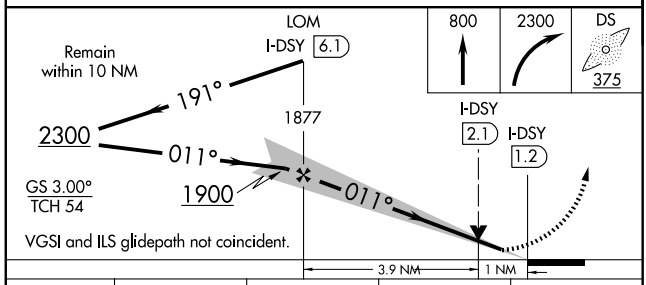
NA Circling NA for Cat C west of runway 1-19. If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all DA/MDAs 100 feet. VDP NA with Little Rock/Adams Field altimeter setting. ADF Required.

MALSR

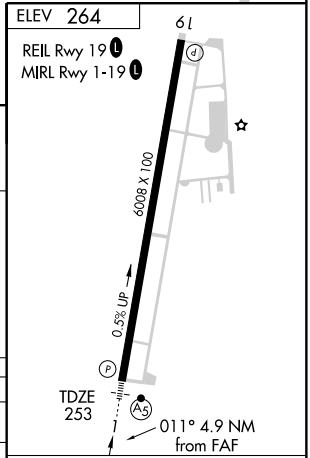
MISSED APPROACH: Climb to 800 then climbing right turn to 2300 direct CERCY LOM and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
128.325	119.75 291.775	119.75	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 1	453-½ 200 (200-½)			NA
S-LOC 1	600-½ 347 (400-½)			NA
CIRCLING	760-1 496 (500-1)		760-1½ 496 (500-1½)	NA



FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

SC-1. 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6008
CH 81824	011°	TDZE	253
W01A		Apt Elev	264

RNAV (GPS) RWY 1

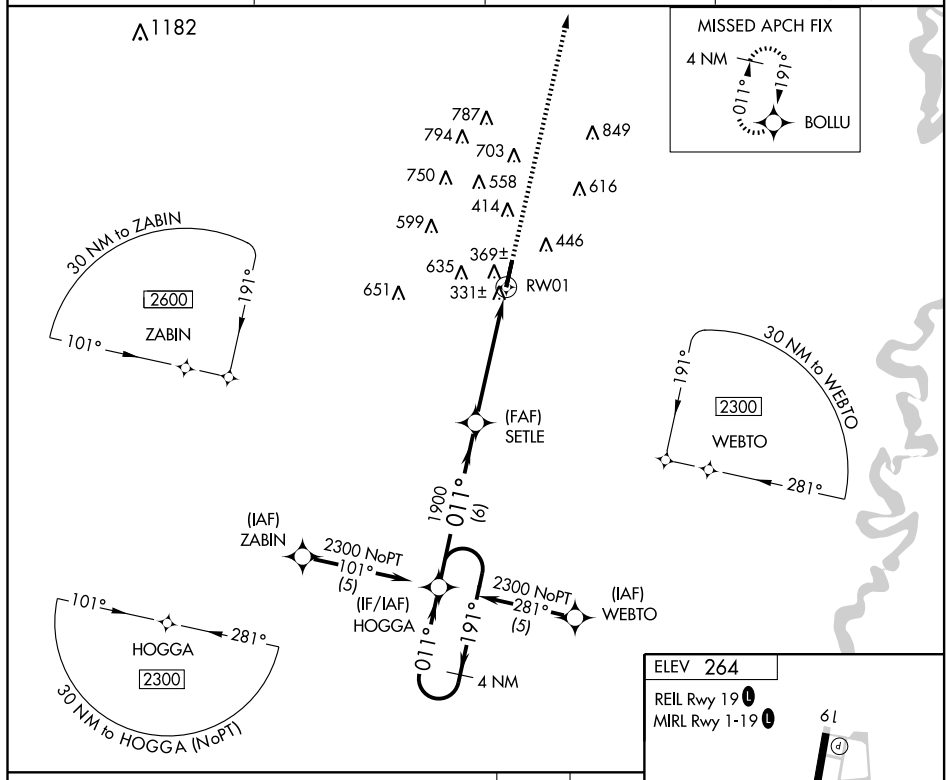
SEARCY MUNI (SRC)

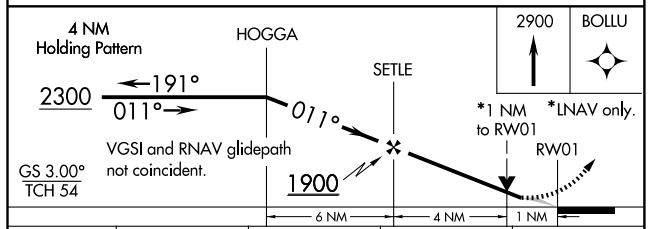
Circling NA for Cat C west of runway 1-19. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all DA/MDAs 100 feet. VDP NA with Little Rock/Adams Field altimeter setting. For inoperative MALSR increase LPV visibility to 1 mile.

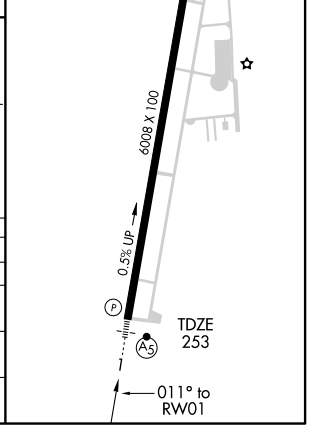
MALSR (A5)

MISSED APPROACH: Climb to 2900 direct BOLLU and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
128.325	119.75 291.775	119.75	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	503-½ 250 (300-½)			NA
LNAV/VNAV DA	NA			
LNAV MDA	620-½ 367 (400-½)			NA
CIRCLING	760-1 496 (500-1)		760-1½ 496 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

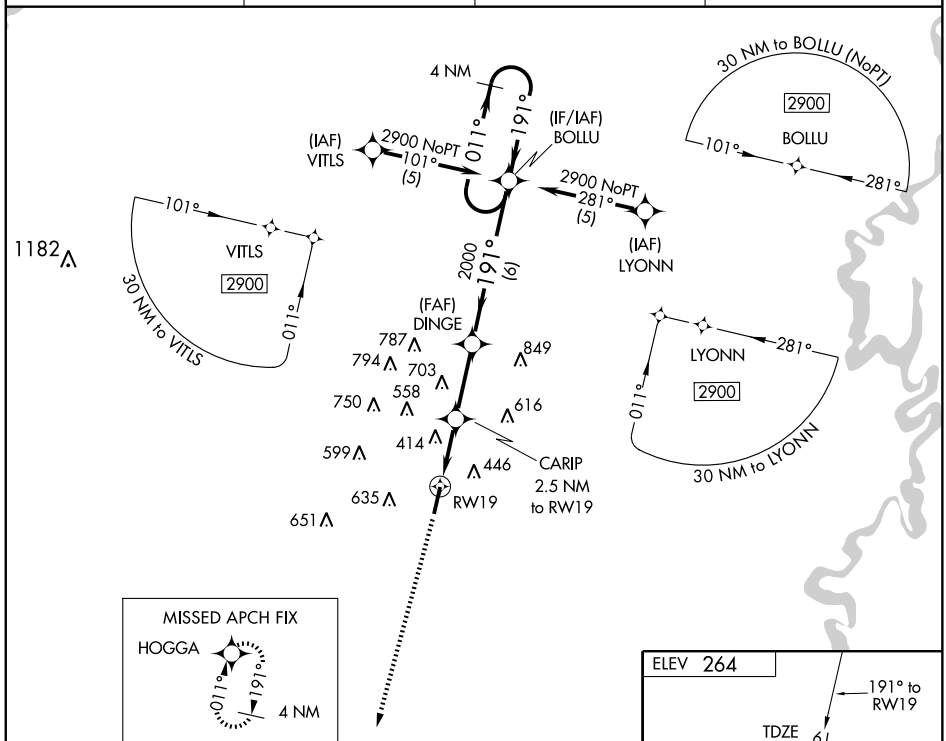
WAAS	APP CRS	Rwy Idg	6008
CH 86224	191°	TDZE	264
W19A		Apt Elev	264

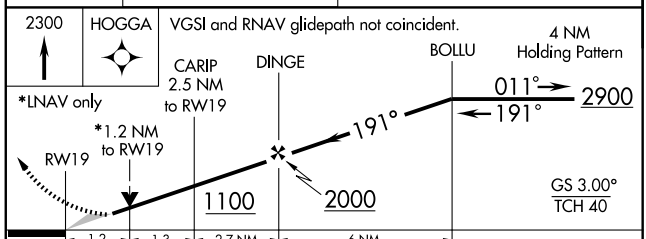
RNAV (GPS) RWY 19
SEARCY MUNI (SRC)

⚠ DME/DME RNP-0.3 NA. If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all DAs/MDAs 100 feet. VDP NA with Little Rock/Adams Field altimeter setting. Circling NA for Cat C west of Rwy 1-19.

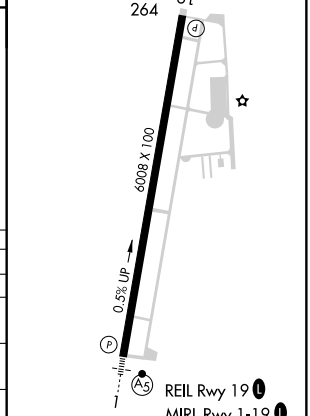
MISSED APPROACH: Climb to 2300 direct HOGGA and hold.

ASOS	LITTLE ROCK APP CON	CLNC DEL	UNICOM
128.325	119.75 291.775	119.75	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	514-1 250 (300-1)			NA
LNAV/VNAV DA	NA			
LNAV MDA	680-1 416 (500-1)		680-1¼ 416 (500-1¼)	NA
CIRCLING	760-1 496 (500-1)		760-1½ 496 (500-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 4997
CH 90208	181°	TDZE 1191
W18A		Apt Elev 1191

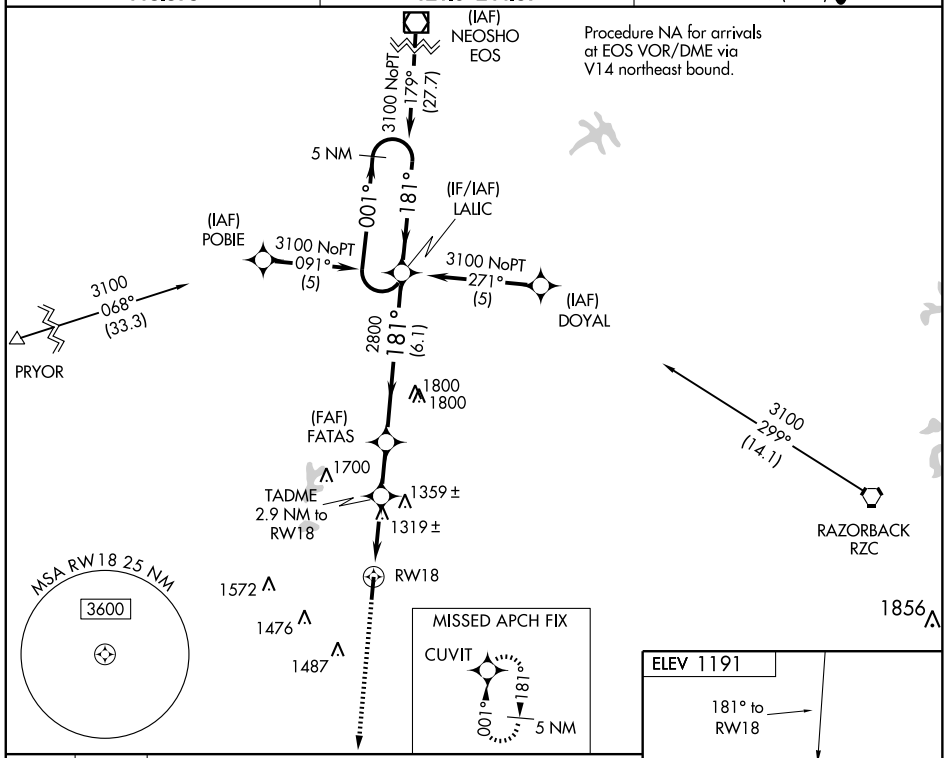
RNAV (GPS) RWY 18

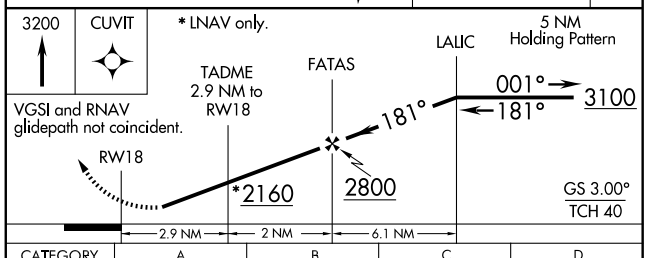
SILOAM SPRINGS/SMITH FIELD (SLG)

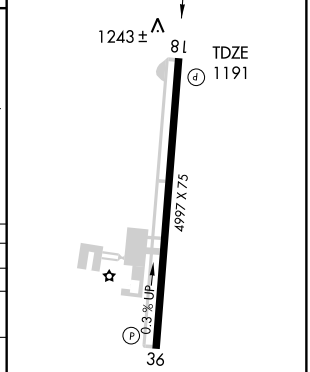
BARO-VNAV NA when using Northwest Arkansas Rgnl altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Northwest Arkansas Rgnl altimeter setting, and increase all DA/MDA 40 feet, and increase LPV visibility ¼ mile all Cats, LNAV/VNAV visibility ¼ mile all Cats, and LNAV visibility Cat C and D ¼ mile.

MISSED APPROACH: Climb to 3200 direct CUVIT and hold.

AWOS-3	RAZORBACK APP CON *	UNICOM
118.375	121.0 244.57	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1479-1 288 (300-1)			
LNAV/VNAV DA	1623-1½ 432 (500-1½)			
LNAV MDA	1580-1 389 (400-1)			1580-1¼ 389 (400-1¼)
CIRCLING	1620-1 429 (500-1)	1720-1 529 (600-1)	1720-1½ 529 (600-1½)	1760-2 569 (600-2)

REIL Rwys 18 and 36
HIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4997
CH 63105	001°	TDZE	1181
W36A		Apt Elev	1191

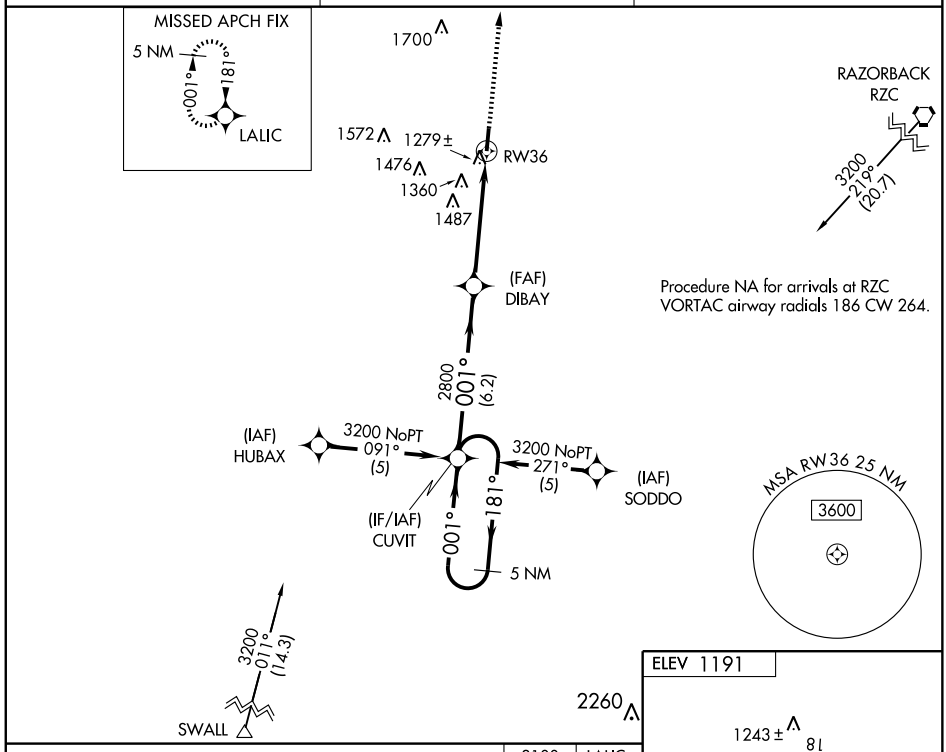
RNAV (GPS) RWY 36

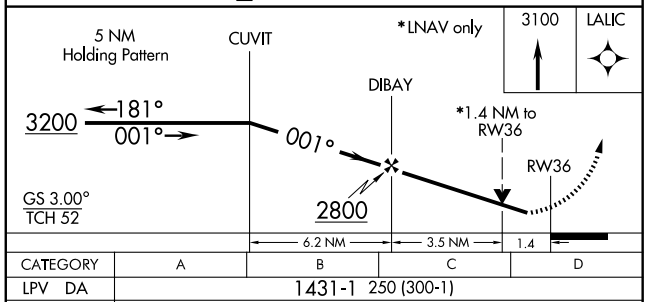
SILOAM SPRINGS/SMITH FIELD (SLG)

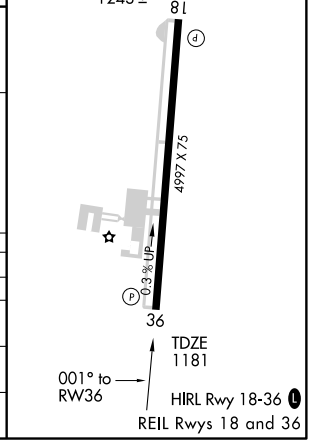
If local altimeter setting not received, use Northwest Arkansas Rgnl altimeter setting and increase all DAs/MDAs 40 feet. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. BARO-VNAV and VDP NA when using Northwest Arkansas Rgnl altimeter setting.

MISSED APPROACH: Climb to 3100 direct LALIC and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
118.375	121.0 244.57	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1431-1 250 (300-1)			
LNAV/VNAV DA	1549-1¼ 368 (400-1¼)			
LNAV MDA	1660-1 479 (500-1)		1660-1¼ 479 (500-1¼)	1660-1½ 479 (500-1½)
CIRCLING	1660-1 469 (500-1)	1720-1 529 (600-1)	1720-1½ 529 (600-1½)	1760-2 569 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	N/A
116.4	255°	TDZE	N/A
Chan 111		Apt Elev	1191

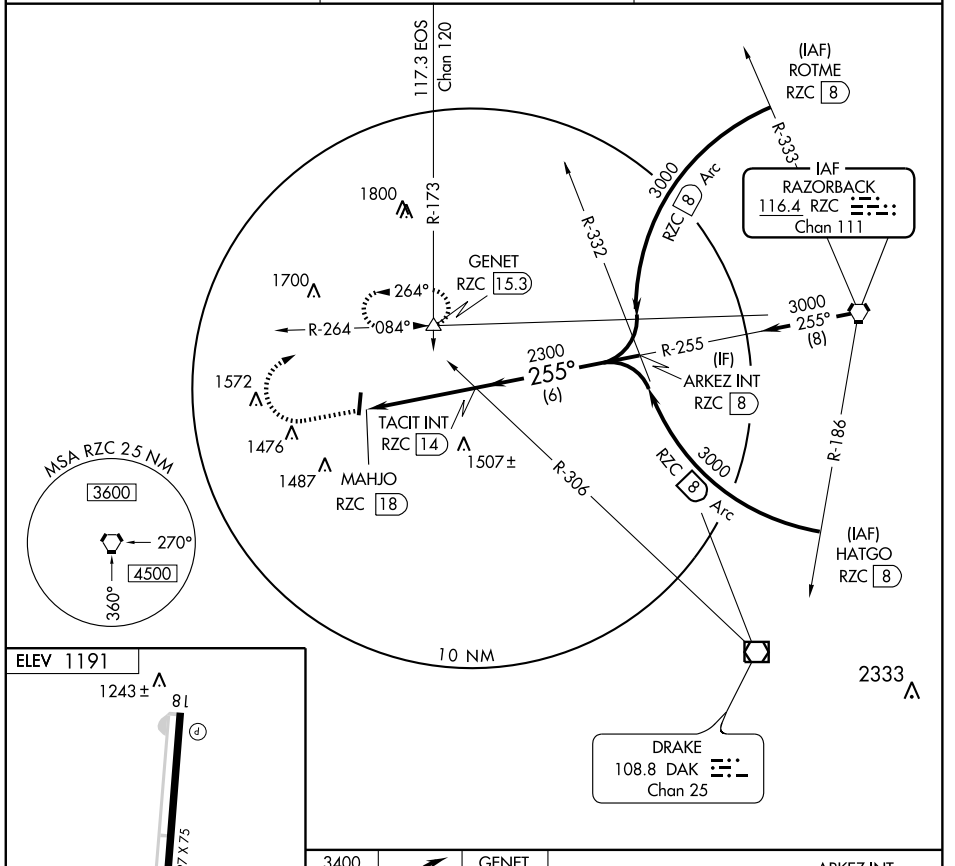
VOR-A

SILOAM SPRINGS/SMITH FIELD (SLG)

▼ If local altimeter setting not received, use Northwest Arkansas Rgnl altimeter setting and increase all MDAs 40 feet.

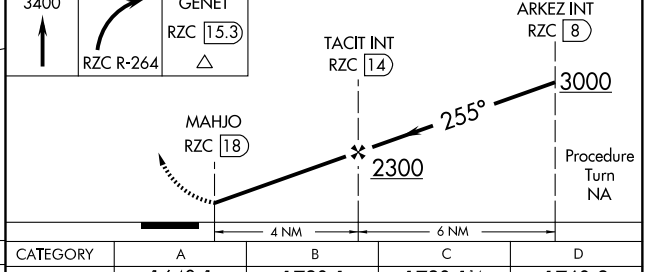
MISSED APPROACH: Climb to 3400 then right turn via RZC R-264 to GENET INT/RZC 15.3 DME and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
118.375	121.0 244.57	122.8 (CTAF) L





REIL Rwys 18 and 36
HIRL Rwy 18-36 L



FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

CATEGORY	A	B	C	D
CIRCLING	1640-1 449 (500-1)	1720-1 529 (600-1)	1720-1½ 529 (600-1½)	1760-2 569 (600-2)

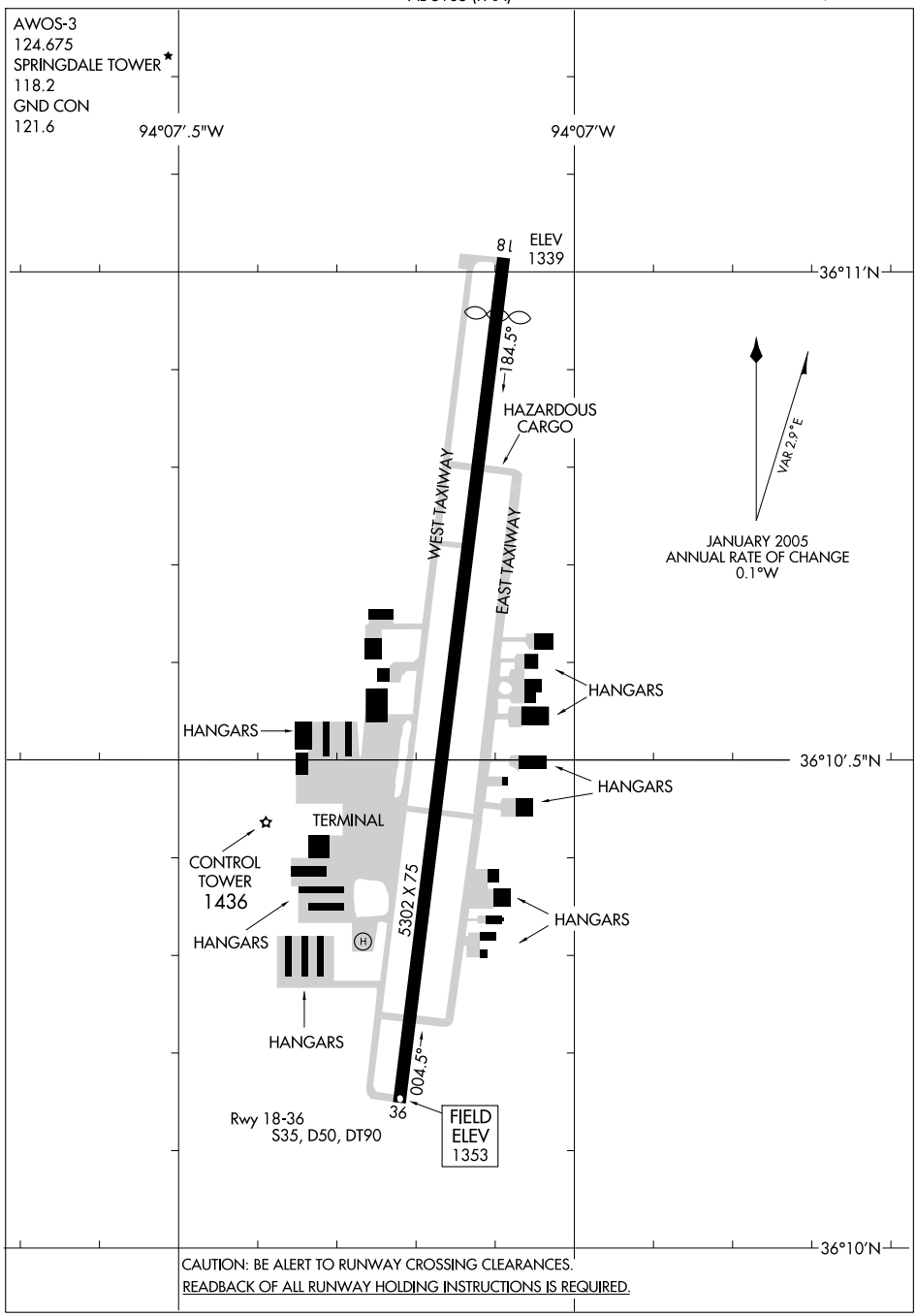
SC-1, 17 DEC 2009 to 14 JAN 2010

06215

AIRPORT DIAGRAM

AL-5165 (FAA)

SPRINGDALE MUNI (ASG)
SPRINGDALE, ARKANSAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-ASG	APP CRS	Rwy Idg	4939
110.9	183°	TDZE	1351
		Apt Elev	1353

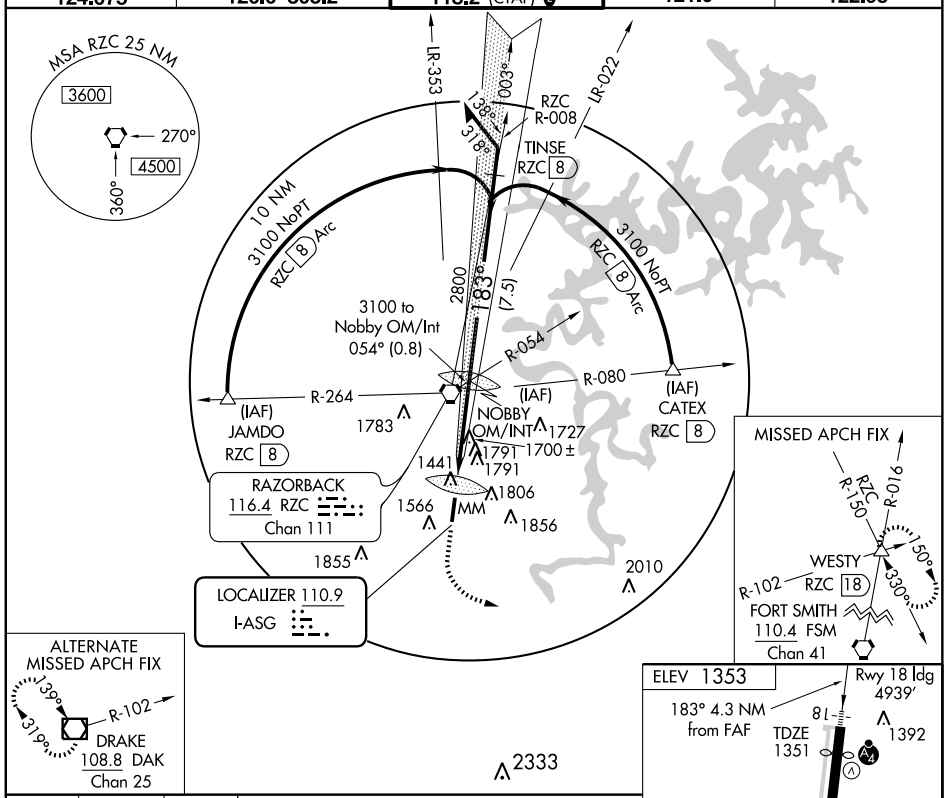
ILS or LOC RWY 18
SPRINGDALE MUNI (ASG)

▼ NA — If local altimeter setting not received, use Northwest Arkansas Muni altimeter setting, and increase all DAs/MDAs 40 feet. Inoperative table does not apply to S-ILS 18, and S-LOC 18 Cat. C. Circling NA east of runway 18-36.

MALSF

MISSED APPROACH: Climb to 2300 then climbing left turn to 4000 via heading 120° and RZC R-150 to Westy Int/RZC 18 DME and hold.

AWOS-3	RAZORBACK APP CON ★	SPRINGDALE TOWER ★	GND CON	UNICOM
124.675	126.6 305.2	118.2 (CTAF) L	121.6	122.95



CATEGORY	A	B	C	D
S-ILS 18	1551-¾ 200 (200-¾)			
S-LOC 18	1960-¾ 609 (700-¾)		1960-1¾ 609 (700-1¾)	1960-2 609 (700-2)
CIRCLING	1960-1 607 (700-1)		1960-1¾ 607 (700-1¾)	1960-2 607 (700-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS Ch 70312 W18A	APP CRS 183°	Rwy Idg 4939 TDZE 1351 Apt Elev 1353

RNAV (GPS) RWY 18

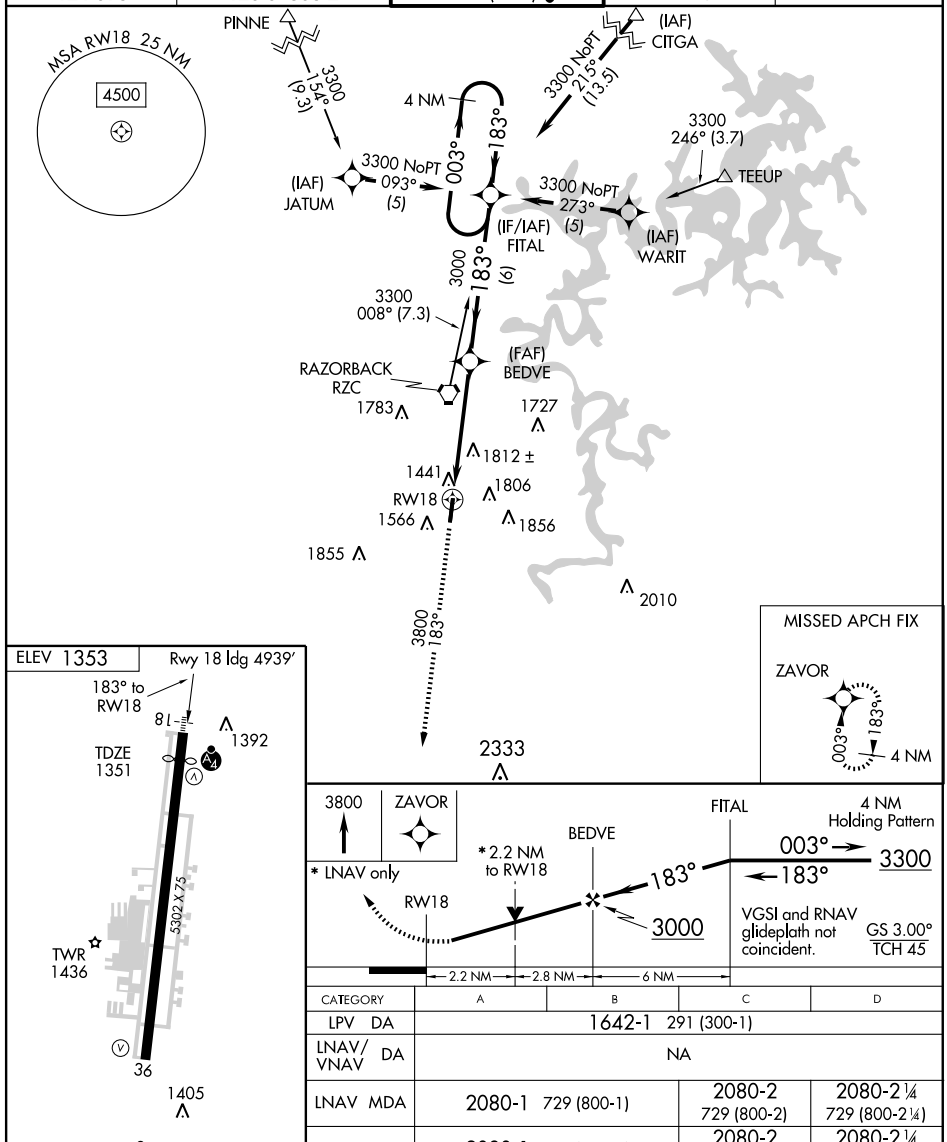
SPRINGDALE MUNI (ASG)

T NA — DME/DME RNP-0.3 NA. Circling NA east of rwy 18-36. If local altimeter setting not received, use Fayetteville/Drake Field altimeter setting: increase DA to 1681 feet; increase all MDAs 40 feet. VDP NA when using Fayetteville/Drake Field altimeter setting. Inoperative table does not apply to LPV.

MALSF

MISSED APPROACH: Climb to 3800 direct ZAVOR and hold.

AWOS-3	RAZORBACK APP CON ★	SPRINGDALE TOWER ★	GND CON	UNICOM
124.675	126.6 305.2	118.2 (CTAF) L	121.6	122.95



CATEGORY	A	B	C	D
LPV DA	1642-1 291 (300-1)			
LNAV/VNAV DA	NA			
LNAV MDA	2080-1 729 (800-1)		2080-2 729 (800-2)	2080-2¼ 729 (800-2¼)
CIRCLING	2080-1 727 (800-1)		2080-2 727 (800-2)	2080-2¼ 727 (800-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

SPRINGDALE, ARKANSAS

AL-5165 (FAA)

RNAV (GPS) RWY 36

SPRINGDALE MUNI (ASG)

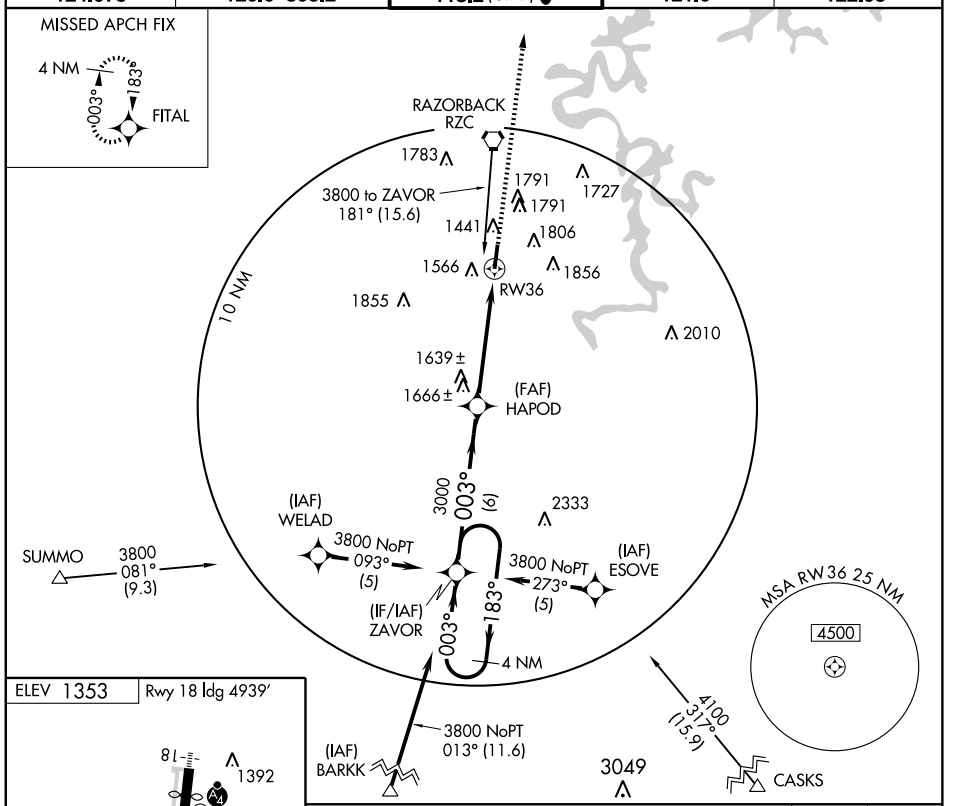
WAAS	APP CRS	Rwy Idg	5302
Ch 77512	003°	TDZE	1353
W36A		Apt Elev	1353

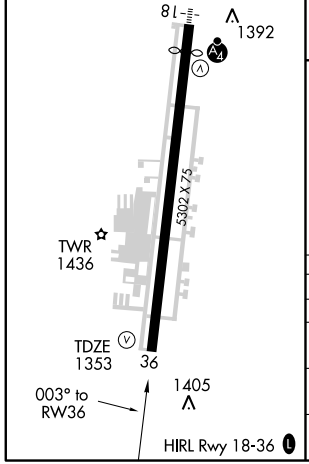
T
NA DME/DME RNP-0.3 NA. Circling NA east of rwy 18-36. If local altimeter setting not received, use Fayetteville/Drake Field altimeter setting: increase DA to 1642 feet; increase all MDAs 40 feet.

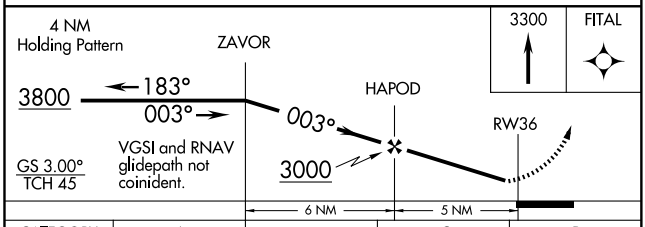
MISSED APPROACH: Climb to 3300 direct FITAL and hold.

AWOS-3	RAZORBACK APP CON ★	SPRINGDALE TOWER ★	GND CON	UNICOM
124.675	126.6 305.2	118.2 (CTAF) L	121.6	122.95

MISSED APCH FIX



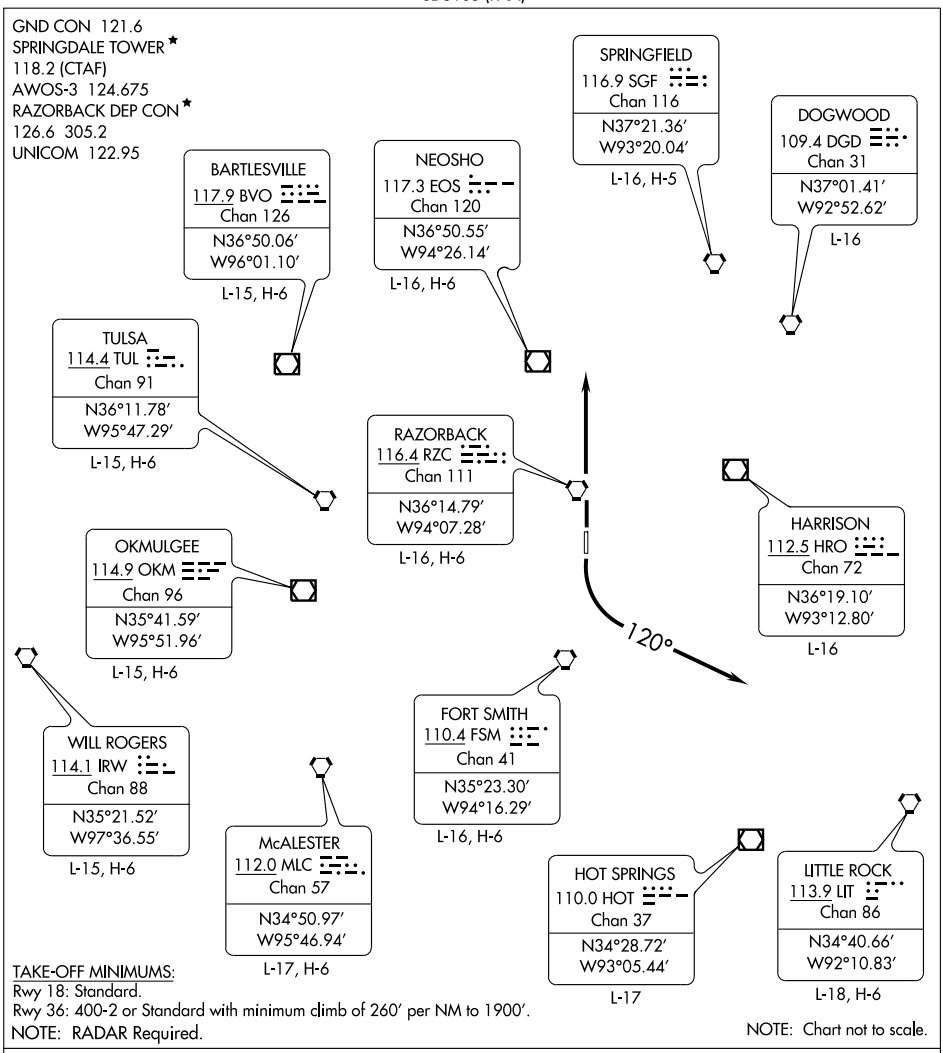




CATEGORY	A	B	C	D
LPV DA	1603-1 250 (300-1)			
LNAV/ VNAV DA	NA			
LNAV MDA	1960-1 607 (700-1)		1960-1 ¾ 607 (700-1¾)	1960-2 607 (700-2)
CIRCLING	1960-1 607 (700-1)		1960-1 ¾ 607 (700-1¾)	1960-2 607 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

SPRING TWO DEPARTURE SL-5165 (FAA)



TAKE-OFF MINIMUMS:
Rwy 18: Standard.
Rwy 36: 400-2 or Standard with minimum climb of 260′ per NM to 1900′.
NOTE: RADAR Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 18: Climb runway heading to 1900 feet, then turn left heading 120°, thence...

TAKE-OFF RUNWAY 36: Fly runway heading, thence....

....Expect radar vectors to filed/assigned route. Climb and maintain 4000 feet. Expect clearance to filed altitude/flight level ten minutes after departure.

LOST COMMUNICATIONS: If communications are not established within 2 minutes after departure, climb and maintain 5000 feet and proceed direct RZC VORTAC, then proceed on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

SPRINGDALE, ARKANSAS

AL-5165 (FAA)

VORTAC RZC	APP CRS	Rwy Idg	5302
116.4	356°	TDZE	1353
Chan 111		Apt Elev	1353

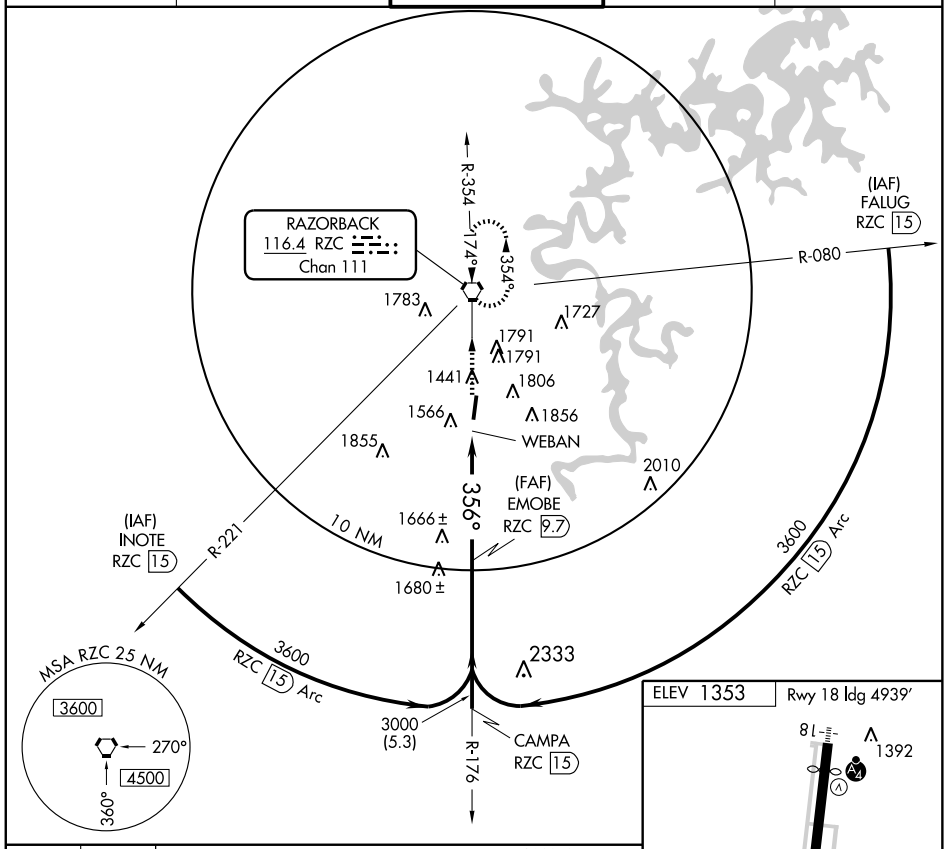
VOR/DME RWY 36

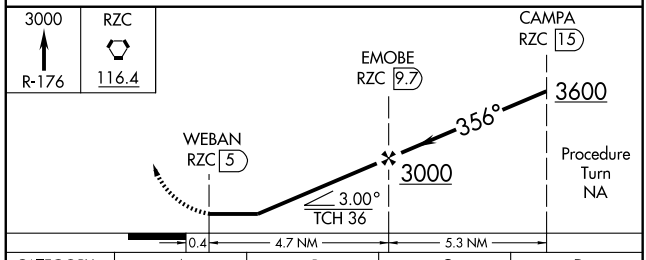
SPRINGDALE MUNI (ASG)

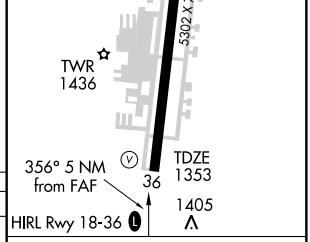
Circling NA east of Rwy 18-36.

MISSED APPROACH: Climb to 3000 via R-176 to RZC VORTAC and hold.

AWOS-3	RAZORBACK APP CON★	SPRINGDALE TOWER★	GND CON	UNICOM
124.675	126.6 305.2	118.2(CTAF)	121.6	122.95







CATEGORY	A	B	C	D
S-36	1980-1	627 (700-1)	1980-1¾ 627 (700-1¾)	1980-2 627 (700-2)
CIRCLING	1980-1	627 (700-1)	1980-1¾ 627 (700-1¾)	1980-2 627 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC RZC	APP CRS	Rwy Idg	4939
116.4	174°	TDZE	1351
Chan 111		Apt Elev	1353

VOR RWY 18

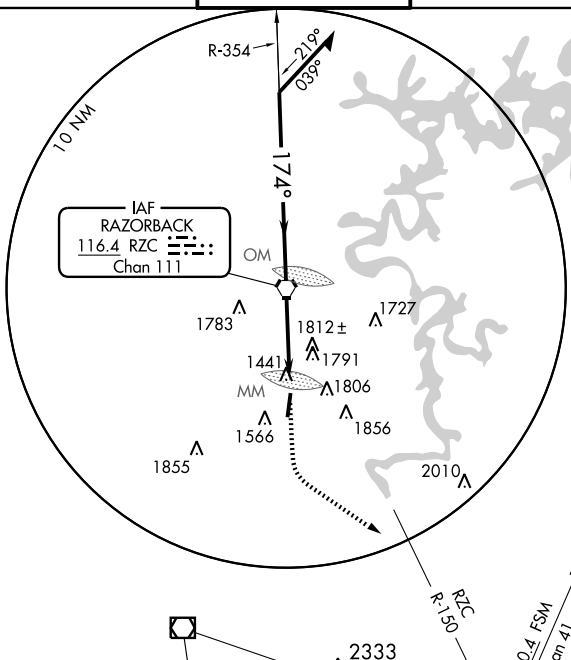
SPRINGDALE MUNI (ASG)

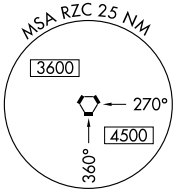
Circling NA east of Rwy 18-36. Inoperative table does not apply.

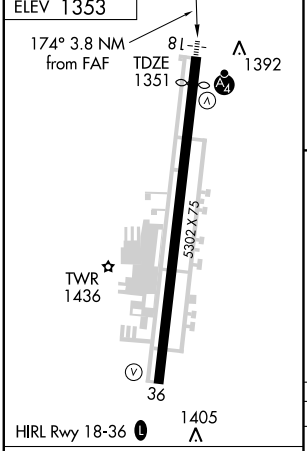
MALSF

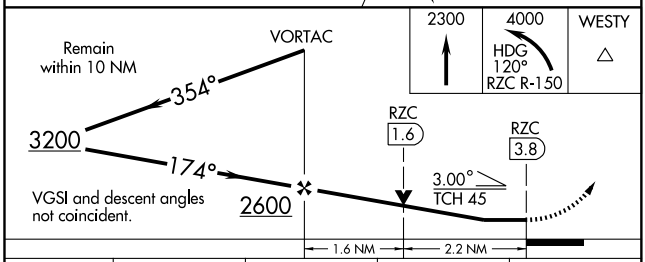
MISSED APPROACH: Climb to 2300 then climbing left turn to 4000 via heading 120° and RZC-150 to WESTY INT and hold.

AWOS-3	RAZORBACK APP CON ★	SPRINGDALE TOWER ★	GND CON	UNICOM
124.675	126.6 305.2	118.2 (CTAF) L	121.6	122.95









FAF to MAP 3.8 NM					
Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

CATEGORY	A	B	C	D
S-18	2080-1	729 (800-1)	2080-2 729 (800-2)	2080-2¼ 729 (800-2¼)
CIRCLING	2080-1	727 (800-1)	2080-2 727 (800-2)	2080-2¼ 727 (800-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TTL	APP CRS	Rwy Idg	6016
110.55	360°	TDZE	224
Chan 42(Y)		Apt Elev	224

ILS or LOC RWY 36

STUTTGART MUNI (SGT)

If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all DA/MDAs 100 feet. VDP NA with Little Rock/Adams Field altimeter setting.

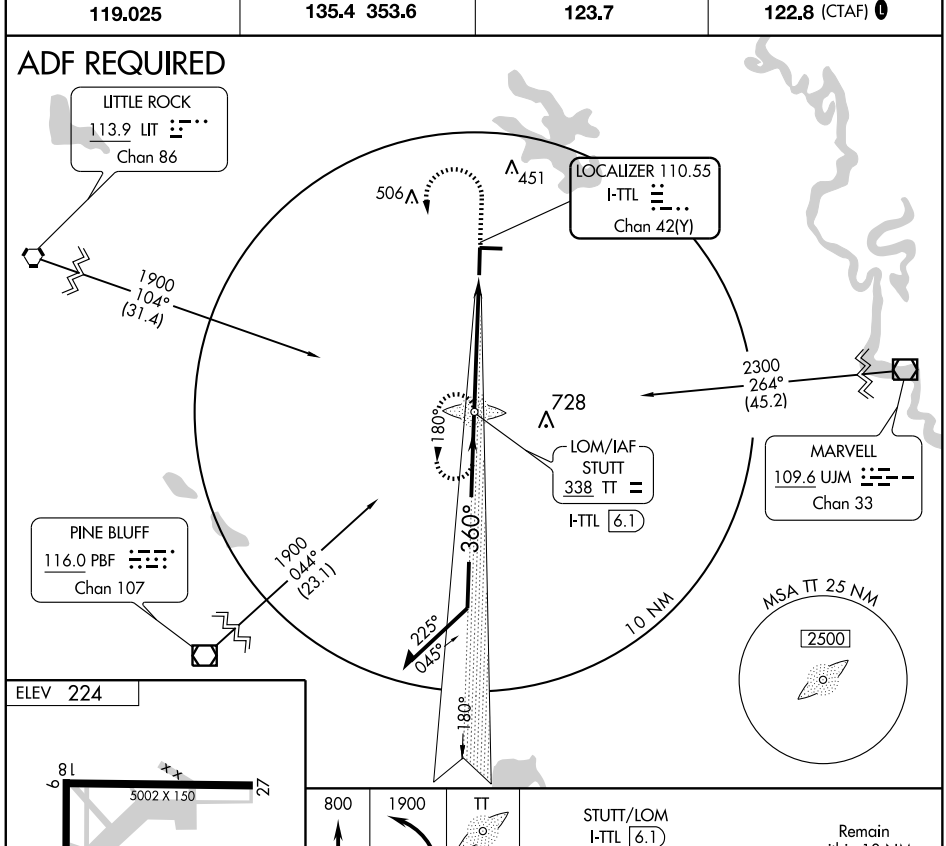
NA

MALSF

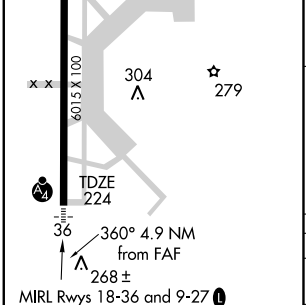
MISSED APPROACH: Climb to 800, thenclimbing left turn to 1900 direct STUTT LOM and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L

ADF REQUIRED

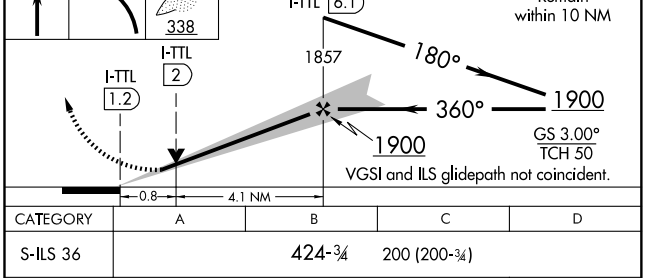


ELEV 224



FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-ILS 36	424-¾ 200 (200-¾)			
S-LOC 36	520-¾ 296 (300-¾)			520-1 296 (300-1)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB SGT	APP CRS	Rwy Idg	6016
269	168°	TDZE	224
		Apt Elev	224

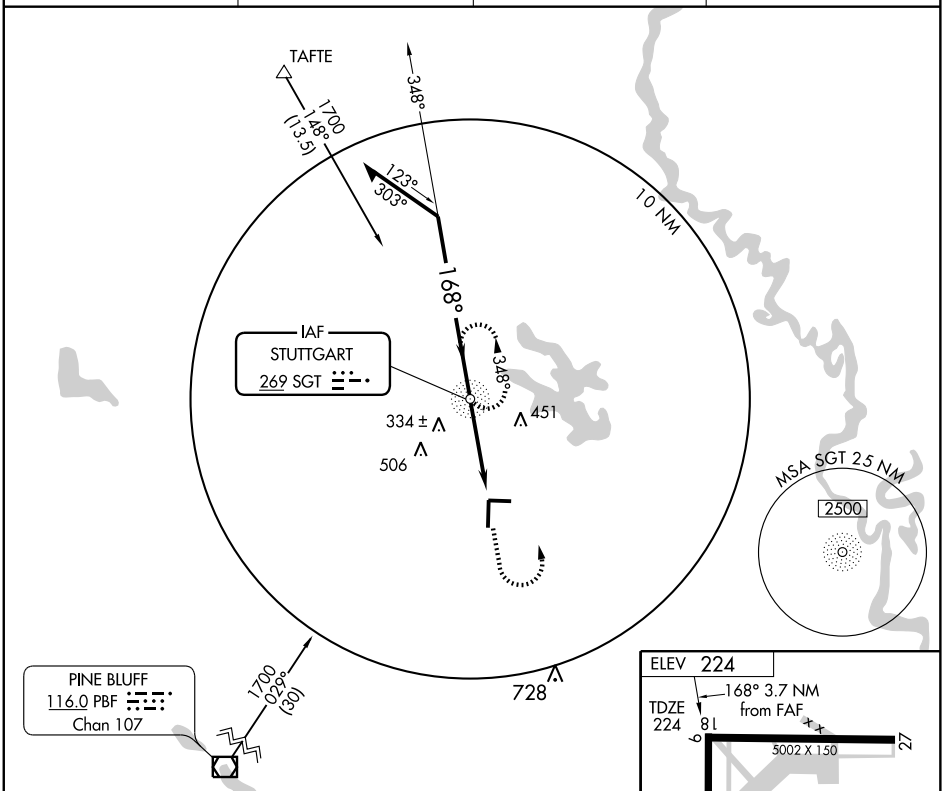
NDB RWY 18
STUTTGART MUNI (SGT)

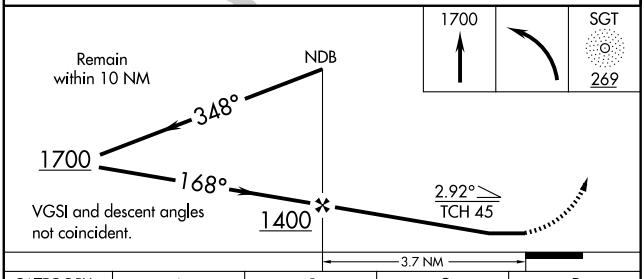
When local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all MDA 100 feet and S-18 visibility Cat C/D ¼ mile.

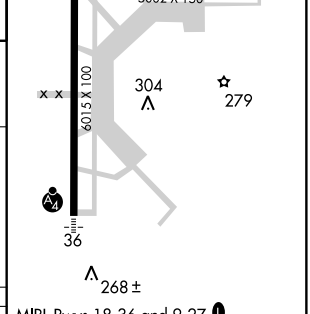
NA

MISSED APPROACH: Climb to 1700 then left turn direct SGT NDB and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L







MIRL Rwys 18-36 and 9-27 L
REIL Rwy 18

CATEGORY	A	B	C	D
S-18	660-1 436 (500-1)		660-1¼ 436 (500-1¼)	660-1½ 436 (500-1½)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

SC-1, 17 DEC 2009 to 14 JAN 2010

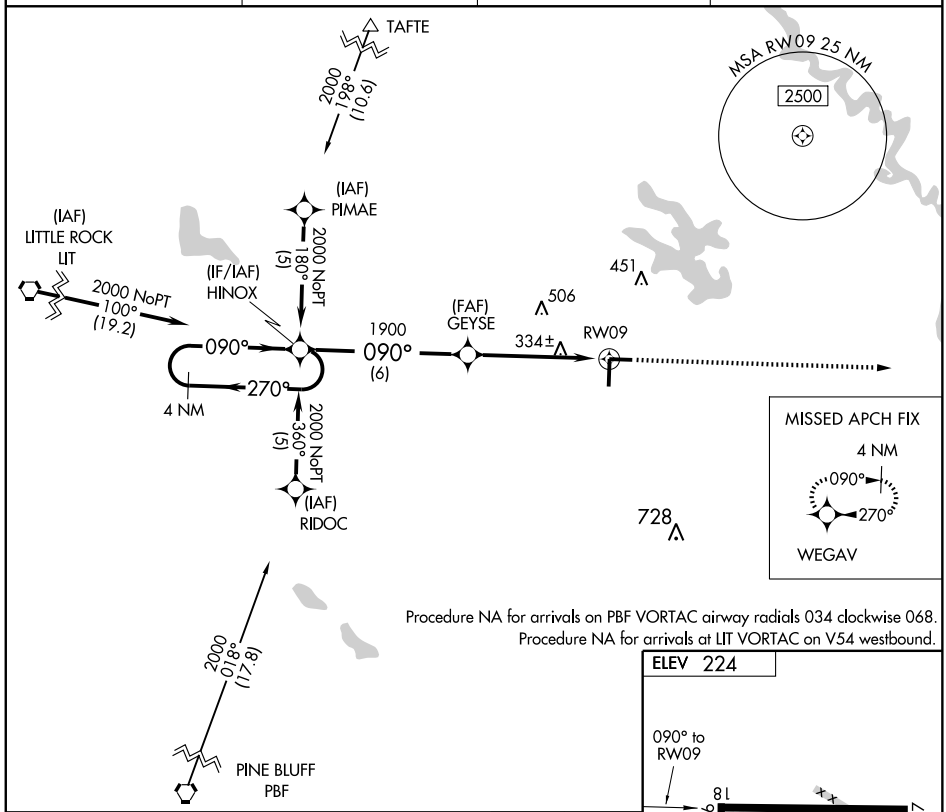
APP CRS	Rwy Idg	5002
090°	TDZE	219
	Apt Elev	224

RNAV (GPS) RWY 9
STUTTGART MUNI (SGT)

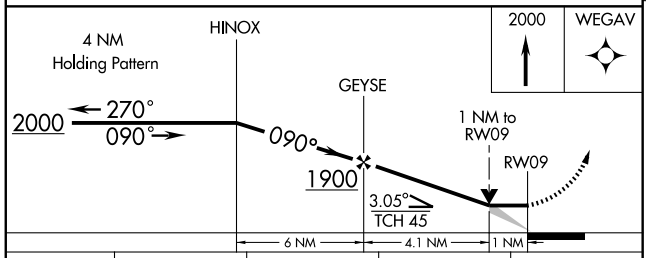
If local altimeter setting not received, use Little Rock/Adams Field altimeter setting: increase all MDAs 100 feet. VDP NA with Little Rock/Adams Field altimeter setting. Straight-in minimums NA at night. DME/DME RNP-0.3 NA.

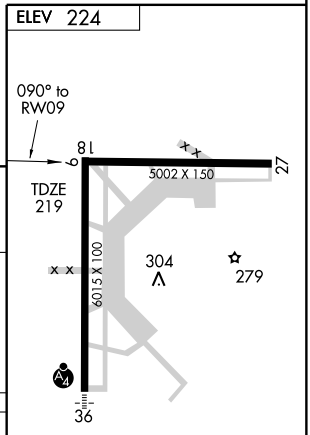
MISSED APPROACH: Climb to 2000 direct WEGAV and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L



Procedure NA for arrivals on PBF VORTAC airway radials 034 clockwise 068.
Procedure NA for arrivals at LIT VORTAC on V54 westbound.





CATEGORY	A	B	C	D
LNAV MDA	600-1 381 (400-1)			600-1¼ 381 (400-1¼)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

MIRL Rwys 18-36 and 9-27 L
REIL Rwy 18

SC-1, 17 DEC 2009 to 14 JAN 2010

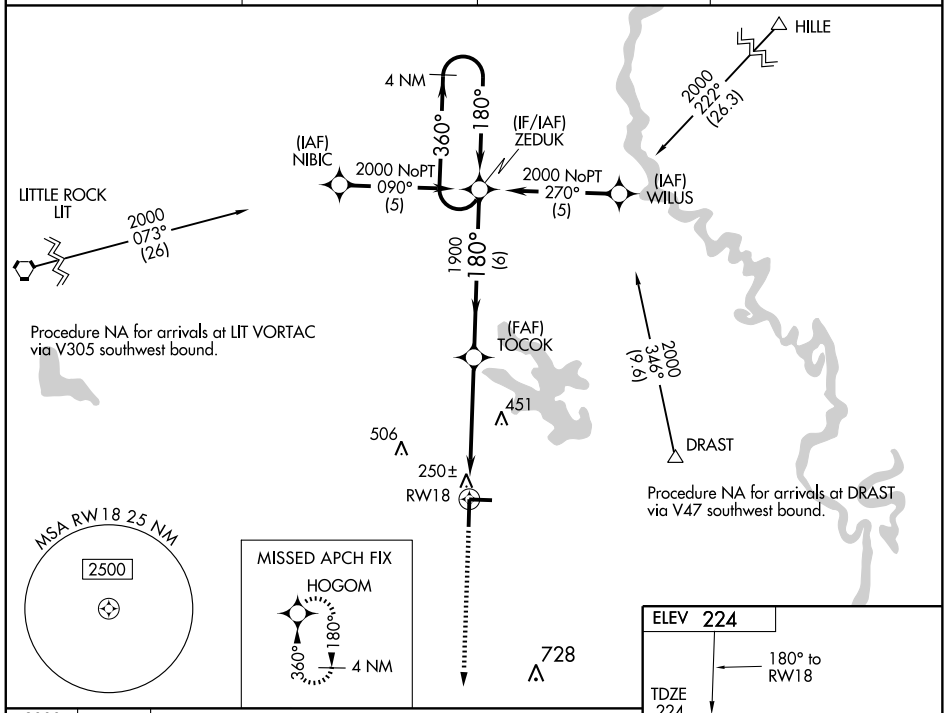
WAAS CH 58303 W18A	APP CRS 180°	Rwy Idg 6015 TDZE 224 Apt Elev 224

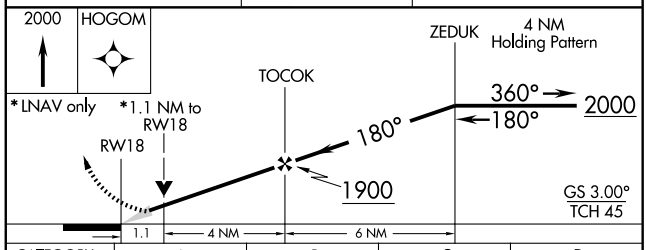
RNAV (GPS) RWY 18
STUTTGART MUNI (SGT)

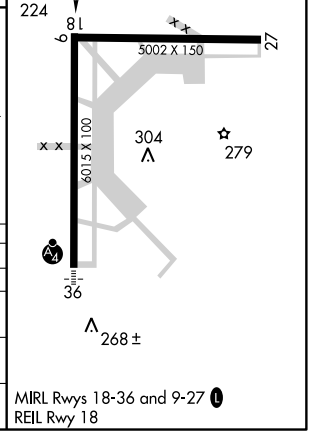
If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all DAs 82 feet and all MDAs 100 feet. BARO-VNAV NA when using Little Rock/Adams Field altimeter setting. DME/DME RNP-0.3 NA. VDP NA when using Little Rock/Adams Field altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).

MISSED APPROACH: Climb to 2000 direct HOGOM and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	474-1 250 (300-1)			
LNAV/ VNAV DA	520-¾ 296 (300-¾)			520-1 296 (300-1)
LNAV MDA	620-¾ 396 (400-¾)			620-1¼ 396 (400-1¼)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

MIRL Rwys 18-36 and 9-27 L
REIL Rwy 18

SC-1, 17 DEC 2009 to 14 JAN 2010

STUTTGART, ARKANSAS

APP CRS	Rwy Idg	5002
270°	TDZE	219
	Apt Elev	224

AL-408 (FAA)

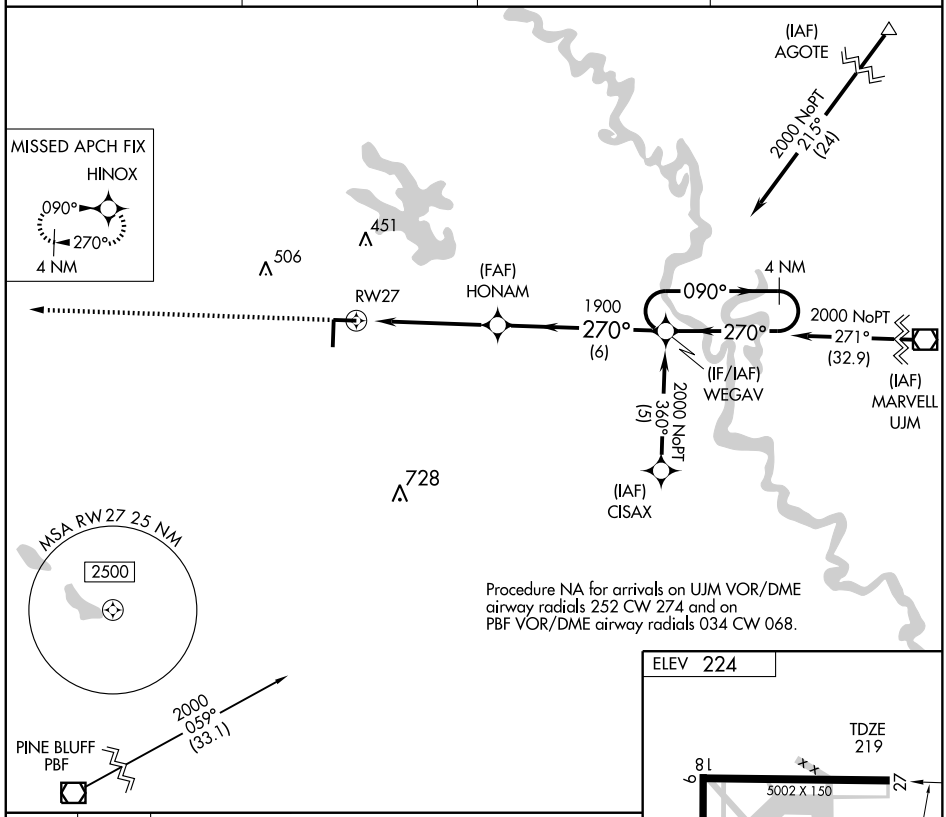
RNAV (GPS) RWY 27

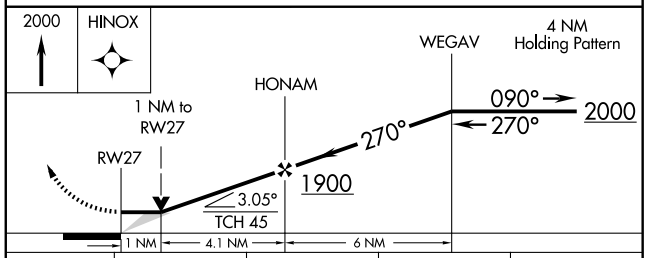
STUTTGART MUNI (SGT)

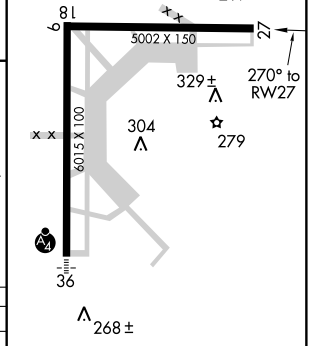
If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all MDAs 100 feet. VDP NA when using Little Rock/Adams Field altimeter setting. Straight-in minimums NA at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct HINOX and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	580-1 361 (400-1)			580-1¼ 361 (400-1¼)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

MIRL Rwys 18-36 and 9-27 L
REIL Rwy 18

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6015
CH 97311	360°	TDZE	224
W36A		Apt Elev	224

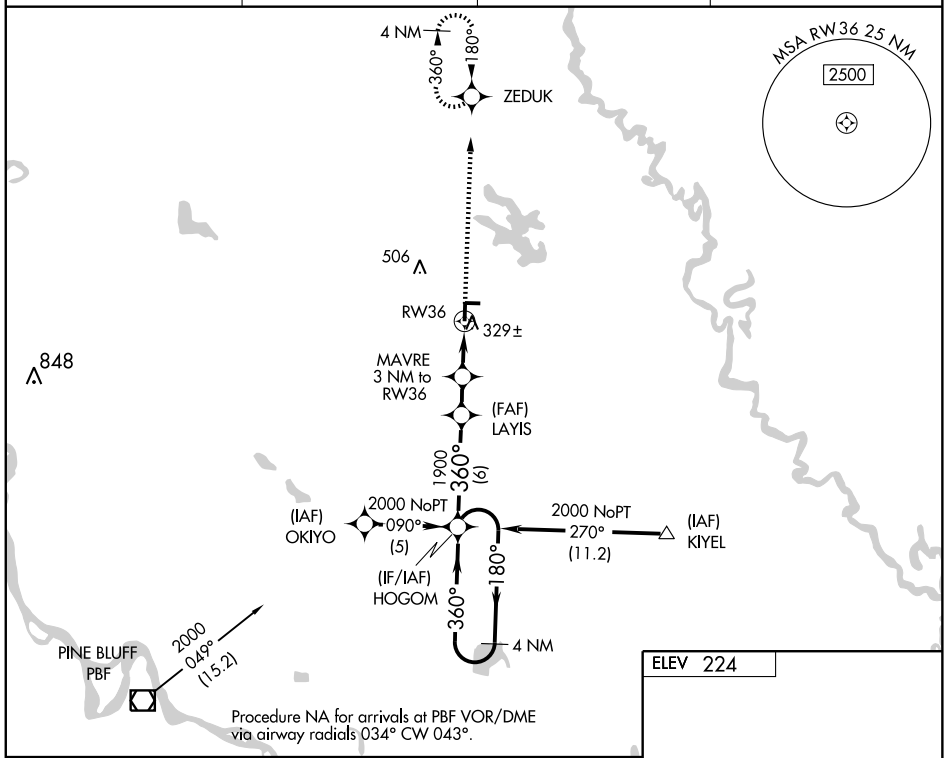
RNAV (GPS) RWY 36
STUTTGART MUNI (SGT)

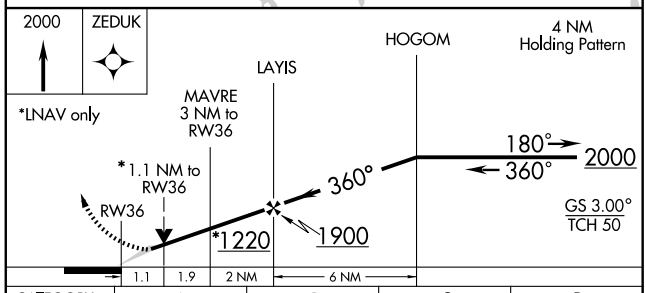
If local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase DAs 82 feet and all MDAs 100 feet. VDP NA when using Little Rock/Adams Field altimeter setting. DME/DME RNP-0.3 NA.

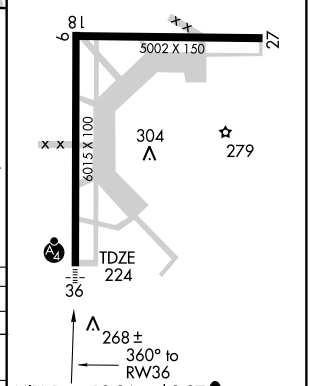
MALSF

MISSED APPROACH: Climb to 2000 direct ZEDUK and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	474-¾	250 (300-¾)		
LNAV MDA	620-¾	396 (400-¾)		620-1¼ 396 (400-1¼)
CIRCLING	660-1 436 (500-1)	680-1 456 (500-1)	680-1½ 456 (500-1½)	780-2 556 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

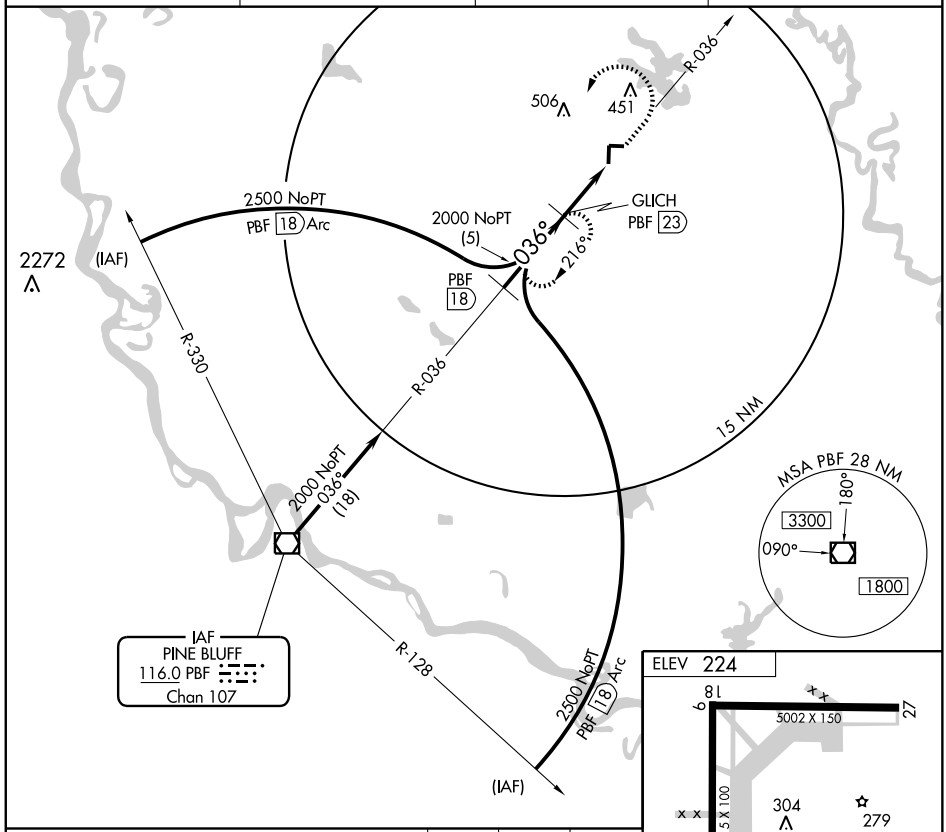
VOR/DME PBF	APP CRS	Rwy Idg	N/A
116.0	036°	TDZE	N/A
Chan 107		Apt Elev	224

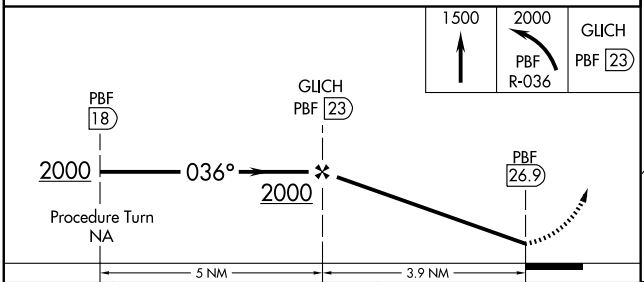
VOR/DME-A
STUTTGART MUNI (SGT)

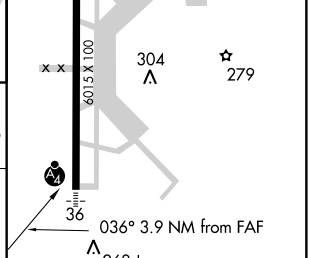
When local altimeter setting not received, use Little Rock/Adams Field altimeter setting and increase all MDA 100 feet and circling visibility Cat C ¼ mile.

MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 via PBF R-036 to GLICH 23 DME and hold.

AWOS-3	LITTLE ROCK APP CON	CLNC DEL	UNICOM
119.025	135.4 353.6	123.7	122.8 (CTAF) L







MIRL Rwys 18-36 and 9-27 L
REIL Rwy 18

CATEGORY	A	B	C	D
CIRCLING	760-1 536 (600-1)	760-1¼ 536 (600-1¼)	760-1½ 536 (600-1½)	780-2 556 (600-2)

Knots	60	90	120	150	180
Min:Sec					

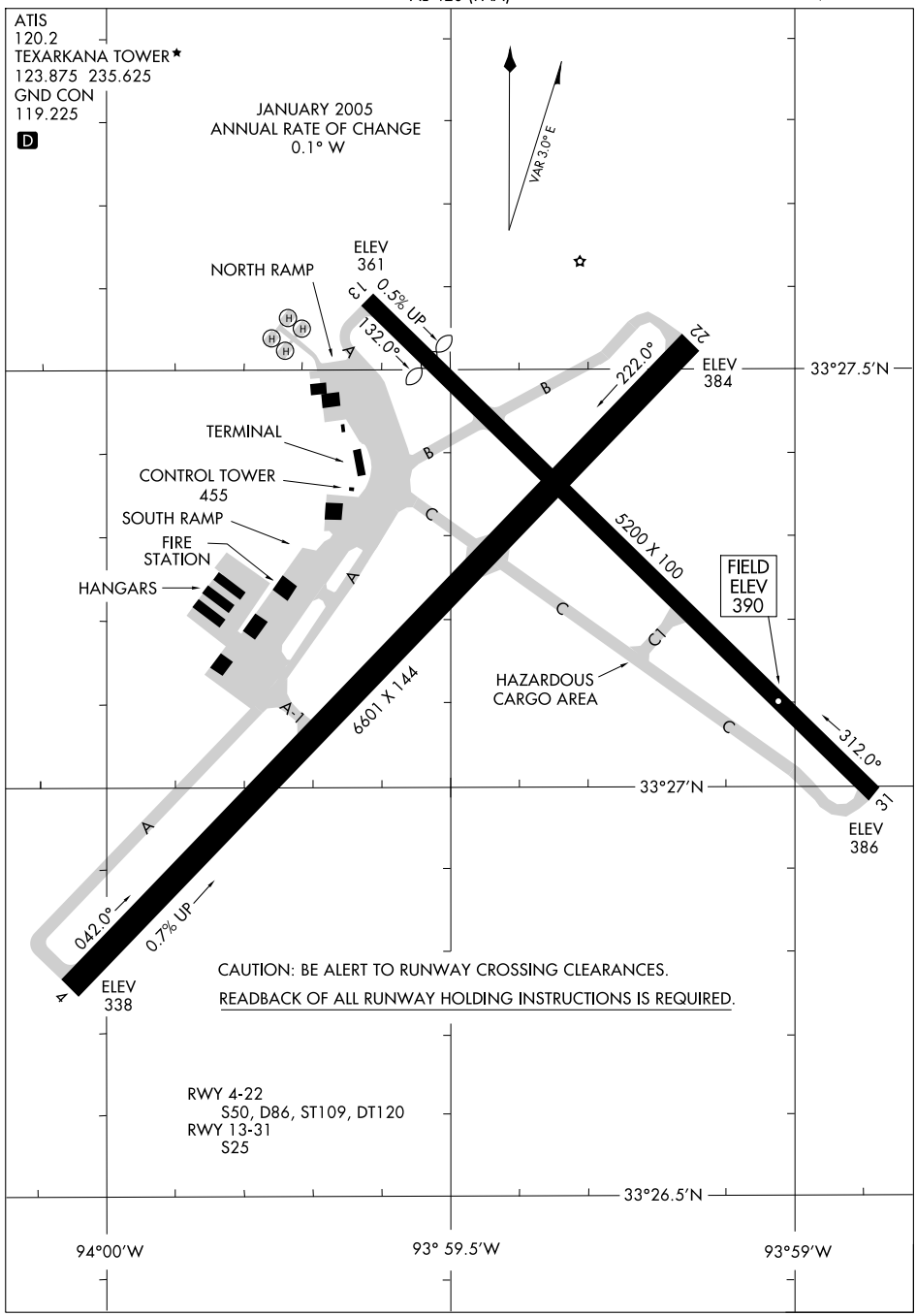
SC-1. 17 DEC 2009 to 14 JAN 2010

09071

AIRPORT DIAGRAM

AL-420 (FAA)

TEXARKANA RGNL-WEBB FIELD (TXK)
TEXARKANA, ARKANSAS



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TXK	APP CRS	Rwy Idg	6601
111.9	220°	TDZE	384
Chan 56		Apt Elev	390

ILS or LOC RWY 22

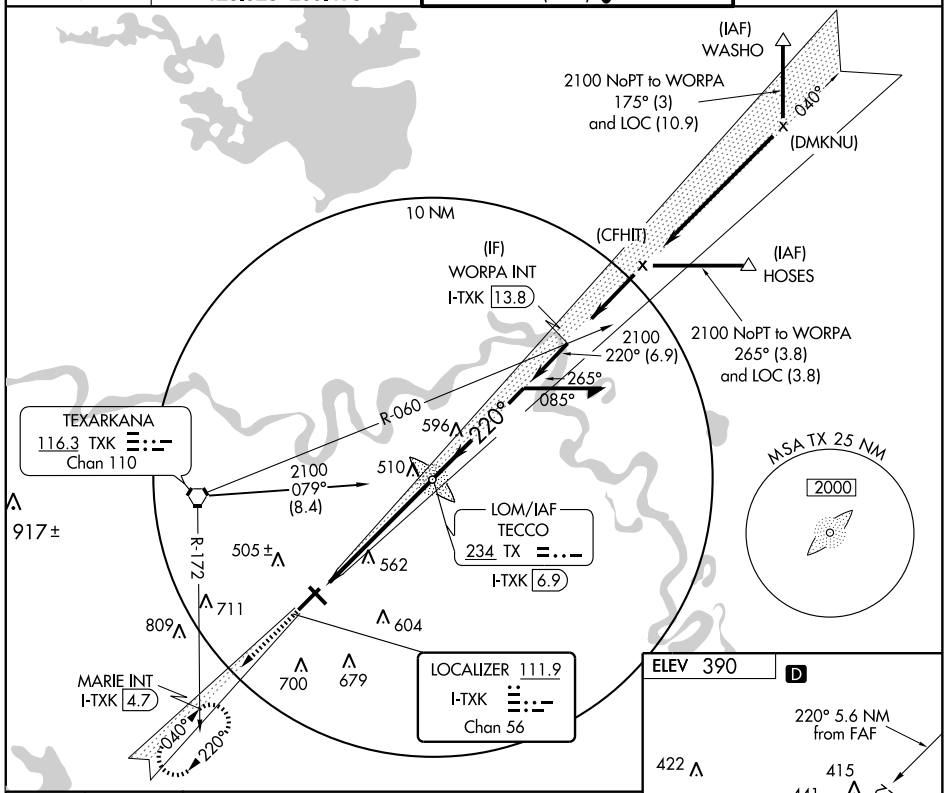
TEXARKANA RGNL-WEBB FIELD (TXK)

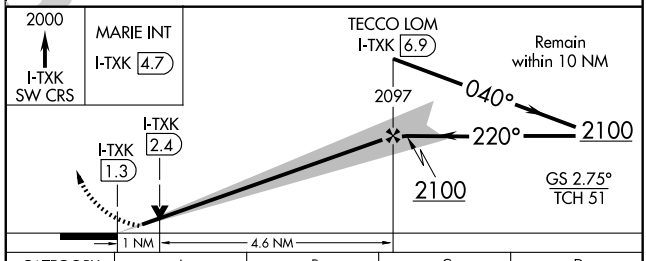
When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all DA/MDA 100 feet. Increase S-LOC 22 Cats C/D and Circling Cats C/D visibility ¼ mile. For inoperative MALSR when using J Lynn Helms Sevier County altimeter setting, increase S-ILS 22 all Cats visibility to 1. VDP NA when using J Lynn Helms Sevier County altimeter setting.

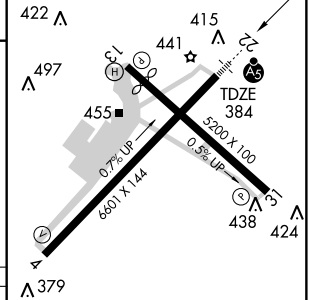
MALSR

MISSED APPROACH: Climb to 2000 via I-TXK southwest course to MARIE Int/I-TXK 4.7 DME and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225







CATEGORY	A	B	C	D
S-ILS 22	584-½ 200 (200-½)			
S-LOC 22	760-½ 376 (400-½)			760-¾ 376 (400-¾)
CIRCLING	820-1 430 (500-1)	860-1 470 (500-1)	900-1½ 510 (600-1½)	1000-2 610 (700-2)

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TXK	APP CRS	Rwy Idg	6601
111.9	040°	TDZE	360
Chan 56		Apt Elev	390

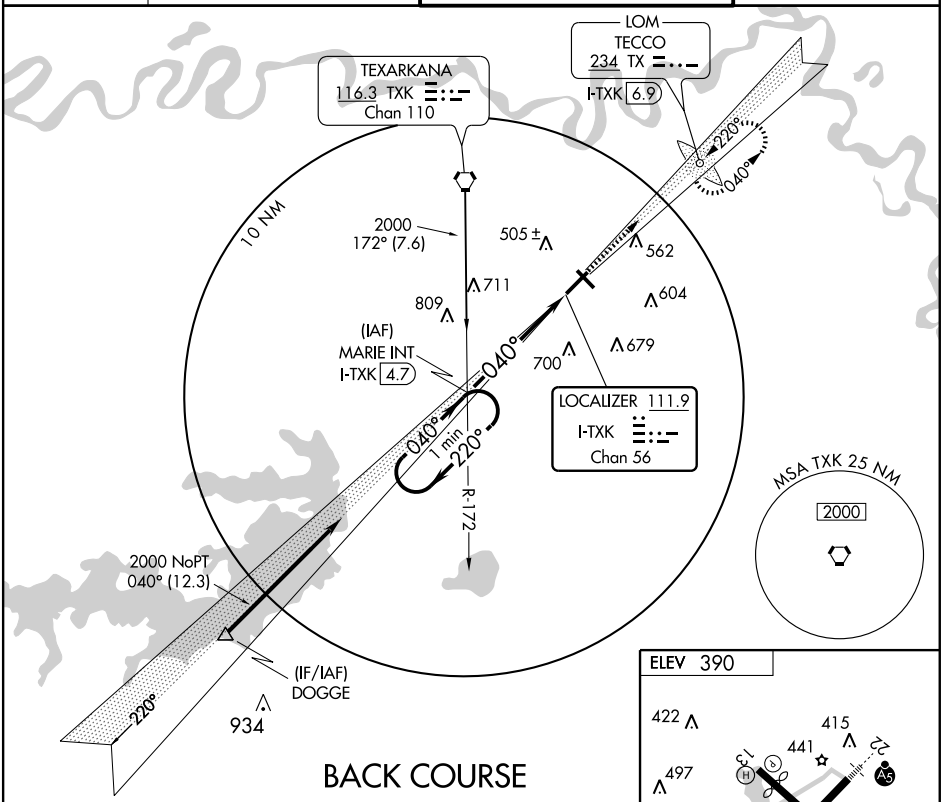
LOC BC RWY 4

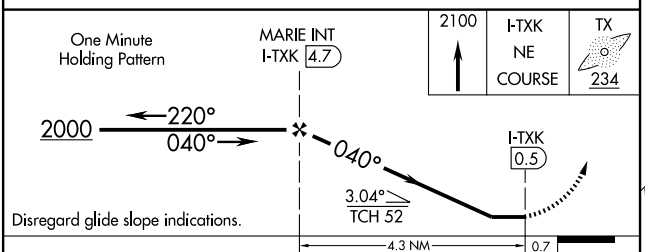
TEXARKANA RGNL-WEBB FIELD (TXK)

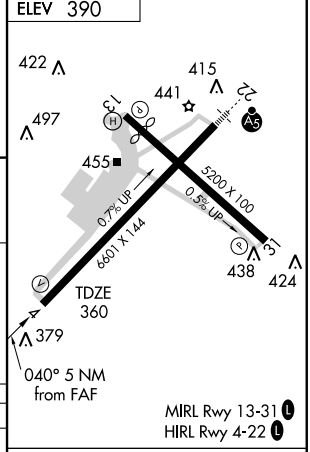
Visibility reduction by helicopters NA. ADF or DME required. When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all MDA 100 feet, and increase S-4 Cats C/D and Circling Cats C/D visibility ¼ mile.

MISSED APPROACH: Climb to 2100 via I-TXK northeast course to TECCO LOM/I-TXK 6.9 DME and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225







CATEGORY	A	B	C	D
S-4	880-1	520 (500-1)	880-1½ 520 (500-1½)	880-1¾ 520 (500-1¾)
CIRCLING	880-1	490 (500-1)	900-1½ 510 (600-1½)	1000-2 610 (700-2)

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS Ch 93899 W04A	APP CRS 040°	Rwy Idg 6601 TDZE 360 Apt Elev 390

RNAV (GPS) RWY 4

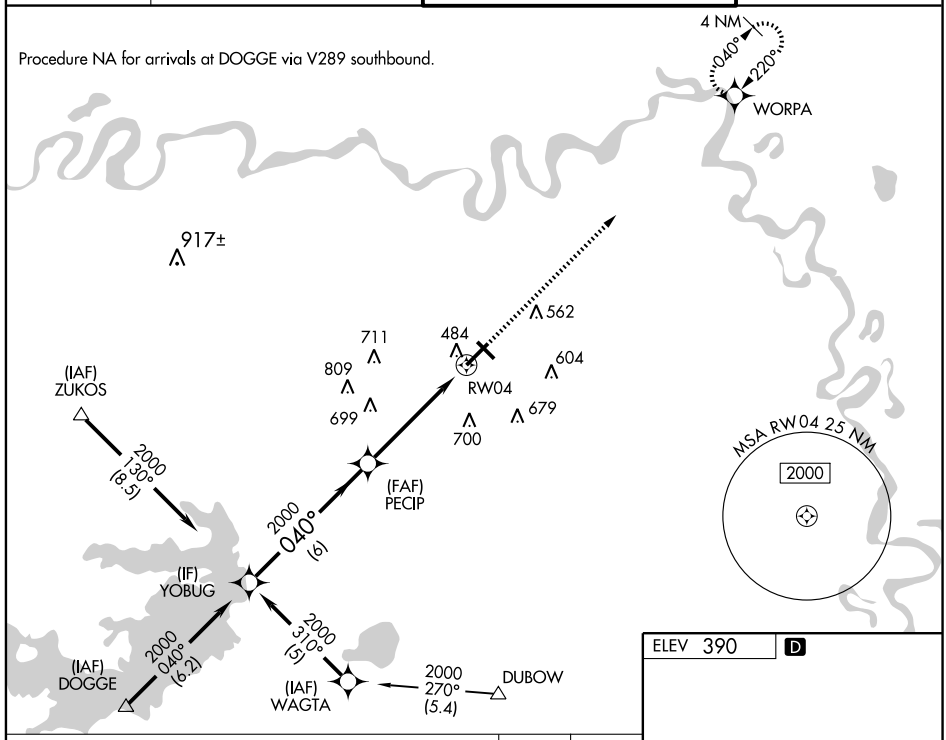
TEXARKANA RGNL-WEBB FIELD (TXK)

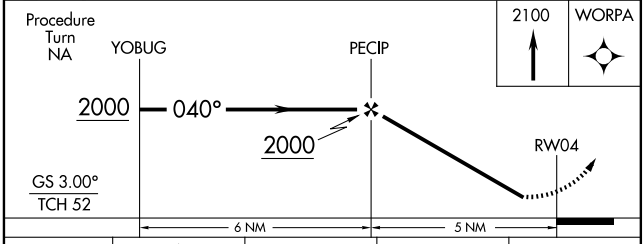
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all DA/MDA 100 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, LNAV and circling Cat C and D visibility ¼ mile. Baro-VNAV NA when using J Lynn Helms Sevier County altimeter setting.

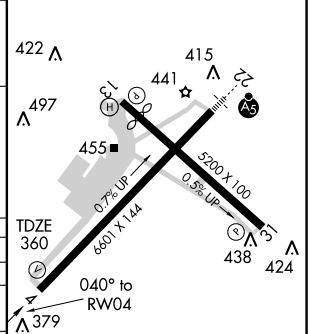
MISSED APPROACH: Climb to 2100 direct WORPA and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225

Procedure NA for arrivals at DOGGE via V289 southbound.







CATEGORY	A	B	C	D
LPV DA	613-1 253 (300-1)			
LNAV/VNAV DA	866-1¾ 506 (500-1¾)			
LNAV MDA	900-1 540 (600-1)		900-1½ 540 (600-1½)	900-1¾ 540 (600-1¾)
CIRCLING	900-1¾ 510 (600-1)			1000-2 610 (700-2)

MIRL Rwy 13-31 L
HIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4559
Ch 87099	130°	TDZE	387
W13A		Apt Elev	390

RNAV (GPS) RWY 13

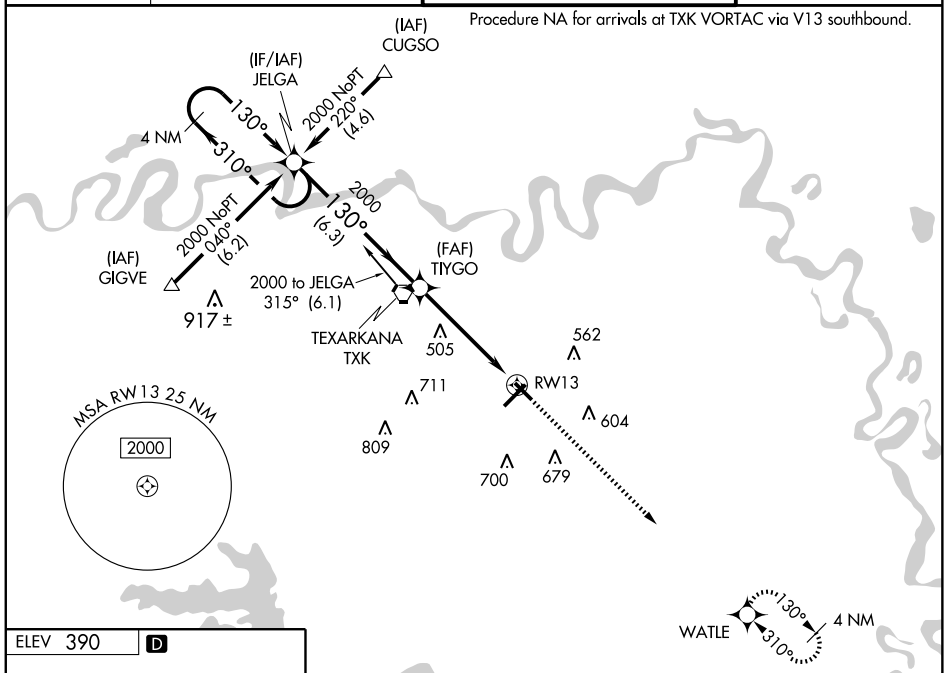
TEXARKANA RGNL-WEBB FIELD (TXK)

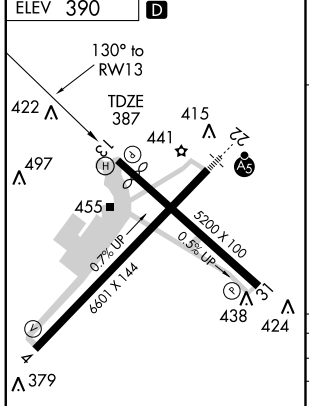
DME/DME RNP-0.3 NA. Visibility reduction by helicopter NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all DA/MDA 100 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, LNAV and circling Cat C and D visibility ¼ mile. Baro-VNAV and VDP NA when using J Lynn Helms Sevier County altimeter setting.

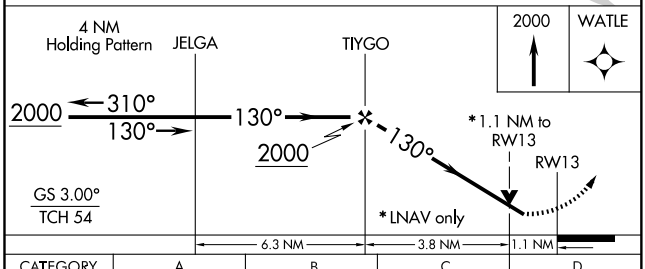
MISSED APPROACH: Climb to 2000 direct WATLE and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225

Procedure NA for arrivals at TXK VORTAC via V13 southbound.







CATEGORY	A	B	C	D
LPV DA	647-1 260 (300-1)			
LNAV/VNAV DA	767-1½ 380 (400-1½)			
LNAV MDA	760-1 373 (400-1)			760-1¼ 373 (400-1¼)
CIRCLING	820-1½ 430 (500-1½)	860-1½ 470 (500-1½)	900-1½ 510 (600-1½)	1000-2 610 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6601
Ch 53699	220°	TDZE	384
W22A		Apt Elev	390

RNAV (GPS) RWY 22

TEXARKANA RGNL-WEBB FIELD (TXK)

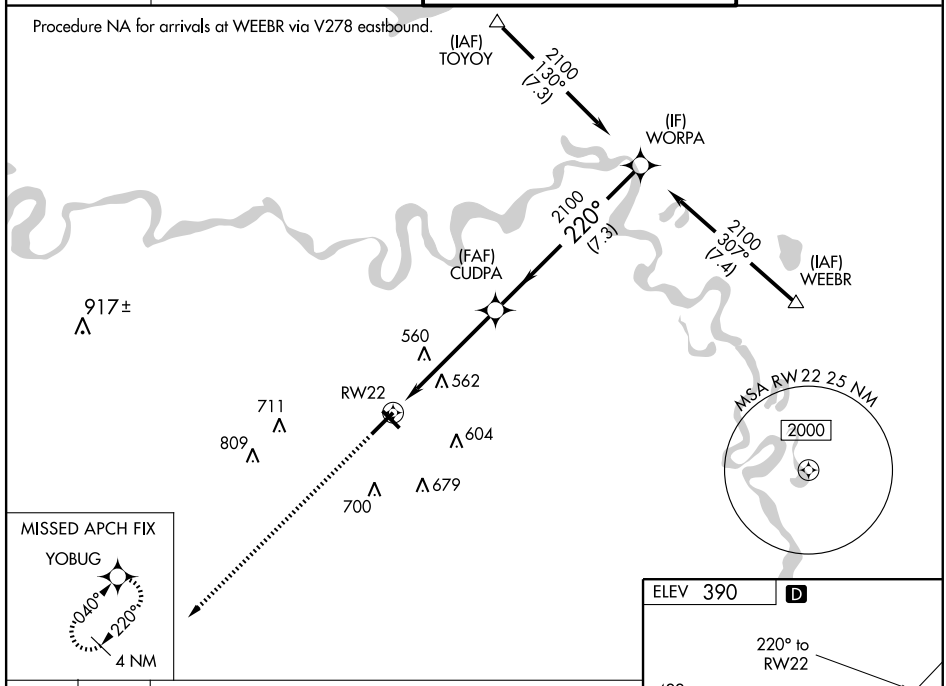
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all DA/MDA 100 feet, increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ½ mile, LNAV and circling Cat C and D visibility ¼ mile. Baro-VNAV and VDP NA when using J Lynn Helms Sevier County altimeter setting. For inoperative MALSR when using J Lynn Helms Sevier County altimeter setting increase LPV all Cats visibility to 1¼ .

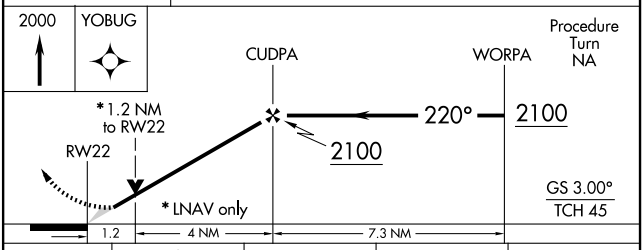
MALSR

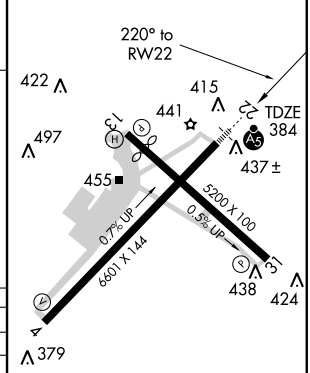
MISSED APPROACH: Climb to 2000 direct YOBUG and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225

Procedure NA for arrivals at WEEBR via V278 eastbound.







CATEGORY	A	B	C	D
LPV DA	634-½ 250 (300-½)			
LNAV/VNAV DA	687-½ 303 (300-½)			687-¾ 303 (300-¾)
LNAV MDA	820-½ 436 (500-½)		820-¾ 436 (500-¾)	820-1 436 (500-1)
CIRCLING	820-1 430 (500-1)	860-1 470 (500-1)	900-1½ 510 (600-1½)	1000-2 610 (700-2)

MIRL Rwy 13-31 L
HIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

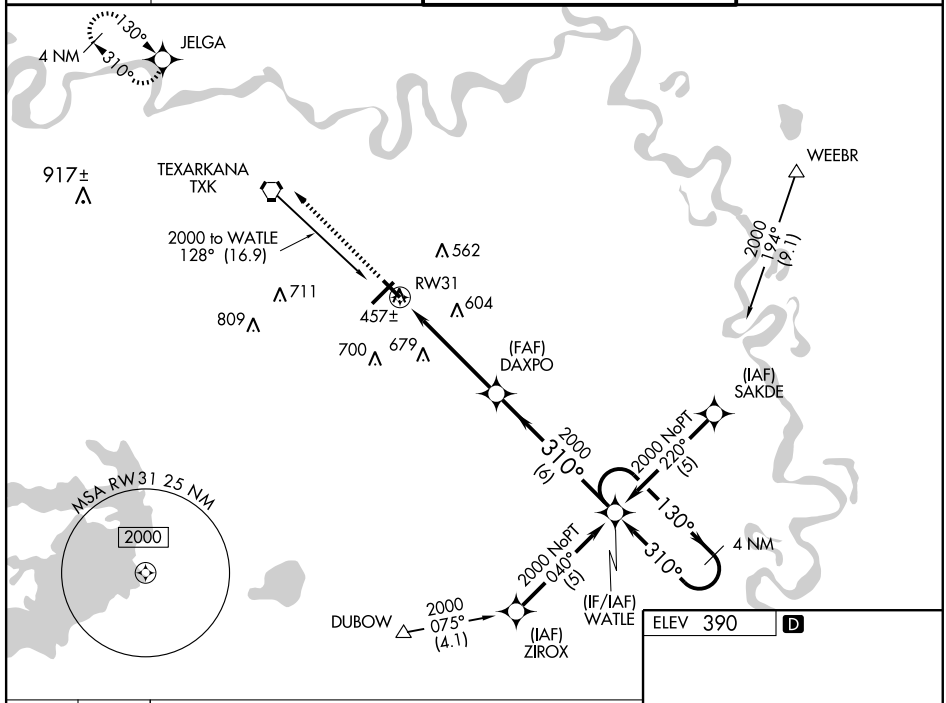
WAAS	APP CRS	Rwy Idg	4559
Ch 49199	310°	TDZE	390
W31A		Apt Elev	390

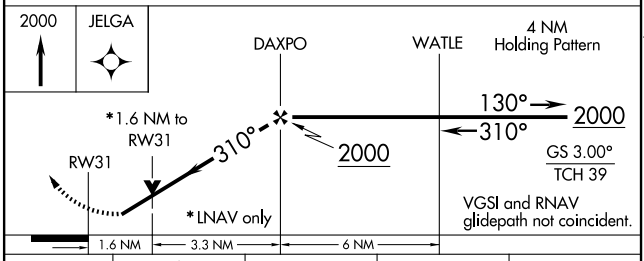
RNAV (GPS) RWY 31
TEXARKANA RGNL-WEBB FIELD (TXK)

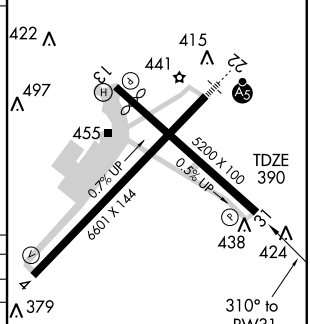
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).
When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all DA/MDA 100 feet, increase LPV and LNAV/VNAV all Cats, and LNAV Cat C visibility ¼ mile, LNAV Cat D visibility ½ mile and circling Cat C and D visibility ¼ mile.
Baro-VNAV and VDP NA when using J Lynn Helms Sevier County altimeter setting.

MISSED APPROACH: Climb to 2000 direct JELGA and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225







CATEGORY	A	B	C	D
LPV DA	645-1 255 (300-1)			
LNAV/VNAV DA	707-1¼ 317 (400-1¼)			
LNAV MDA	920-1 530 (600-1)		920-1½ 530 (600-1½)	
CIRCLING	920-1¼ 530 (600-1¼)		920-1½ 530 (600-1½)	1000-2 610 (700-2)

MIRL Rwy 13-31 L
HIRL Rwy 4-22 L

VORTAC TXK	APP CRS	Rwy Idg	4559
116.3	122°	TDZE	387
Chan 110		Apt Elev	390

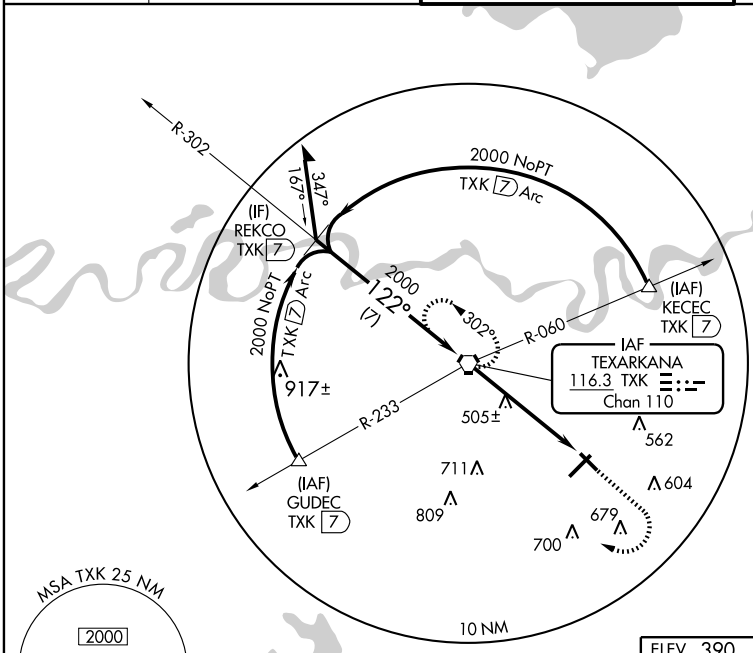
VOR RWY 13

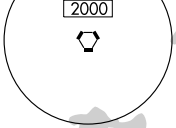
TEXARKANA RGNL-WEBB FIELD (TXK)

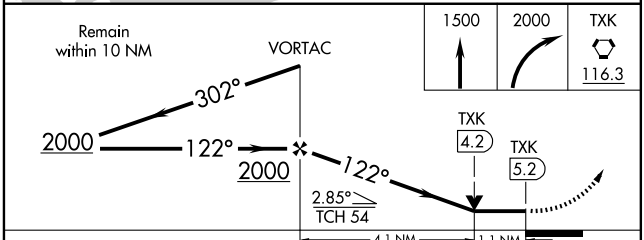
When local altimeter setting not received, use J Lynn Helms Sevier County altimeter setting and increase all MDA 100 feet, increase S-13 and circling Cat C and D visibility ¼ mile. Visibility reduction by helicopters NA.
VDP NA when using J Lynn Helms Sevier County altimeter setting.

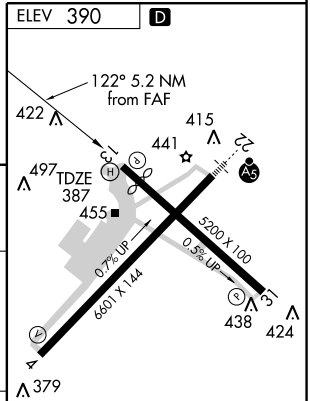
MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct TXK VORTAC and hold.

ATIS	FORT WORTH CENTER	TEXARKANA TOWER ★	GND CON
120.2	123.925 269.475	123.875 (CTAF) L 235.625	119.225









MIRL Rwy 13-31 L
HIRL Rwy 4-22 L

CATEGORY	A	B	C	D
S-13	760-1 373 (400-1)			760-1¼ 373 (400-1¼)
CIRCLING	820-1 430 (500-1)	860-1 470 (500-1)	900-1½ 510 (600-1½)	1000-2 610 (700-2)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-ARG	APP CRS	Rwy Idg	5001
111.1	179°	TDZE	273
		Apt Elev	279

LOC RWY 18

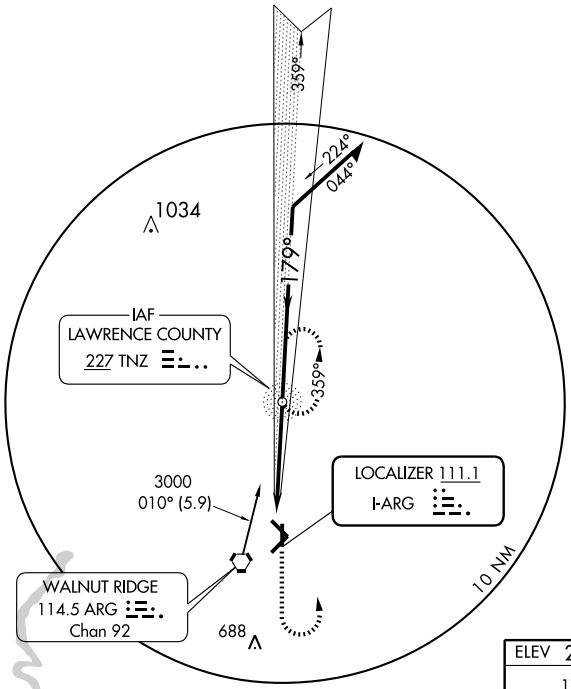
WALNUT RIDGE RGNL (ARG)

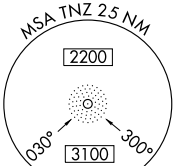
NA

ODALS

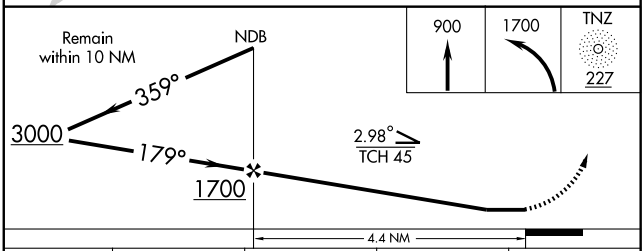
MISSED APPROACH: Climb to 900 then climbing left turn to 1700 direct TNZ NDB and hold.

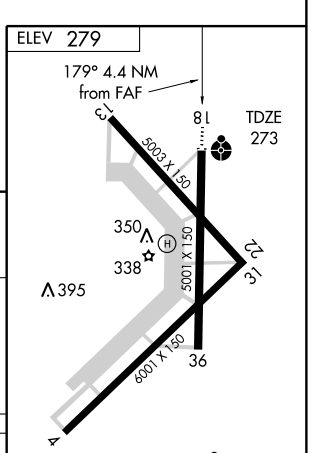
AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L





ADF REQUIRED





CATEGORY	A	B	C	D
S-18	620-¾ 347 (400-¾)			620-1¼ 347 (400-1¼)
CIRCLING	760-1 481 (500-1)		760-1½ 481 (500-1½)	840-2 561 (600-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
179°	TDZE	273
	Apt Elev	279

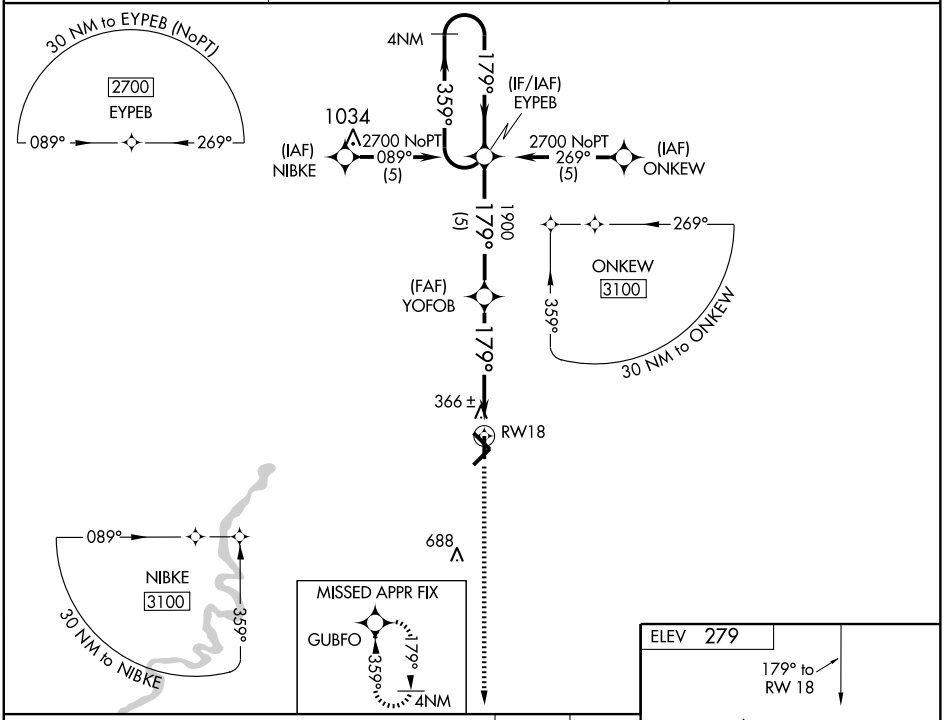
RNAV (GPS) RWY 18
WALNUT RIDGE RGNL (ARG)

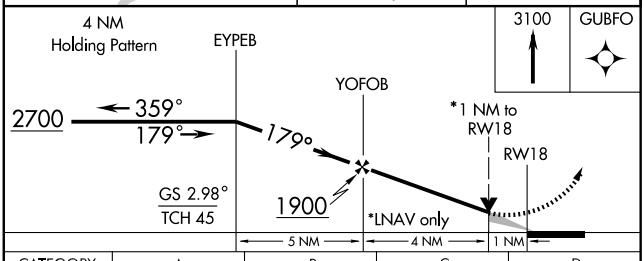
NA
Inoperative table does not apply to LNAV/VNAV.
Inoperative table does not apply to LNAV Cat D.
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.
BARO-VNAV NA below-15.55°C (4°F)

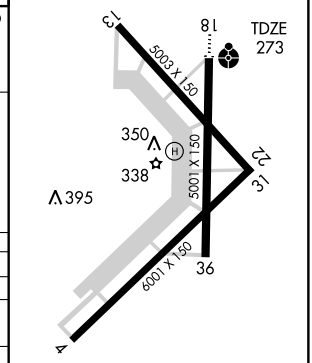
ODALS

MISSED APPROACH: Climb to 3100 direct GUBFO and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	620-1¼ 347 (400-1¼)			
LNAV MDA	620-¾ 347 (400-¾)			620-1¼ 347 (400-1¼)
CIRCLING	760-1¼ 481 (500-1¼)		760-1½ 481 (500-1½)	840-2 561 (600-2)

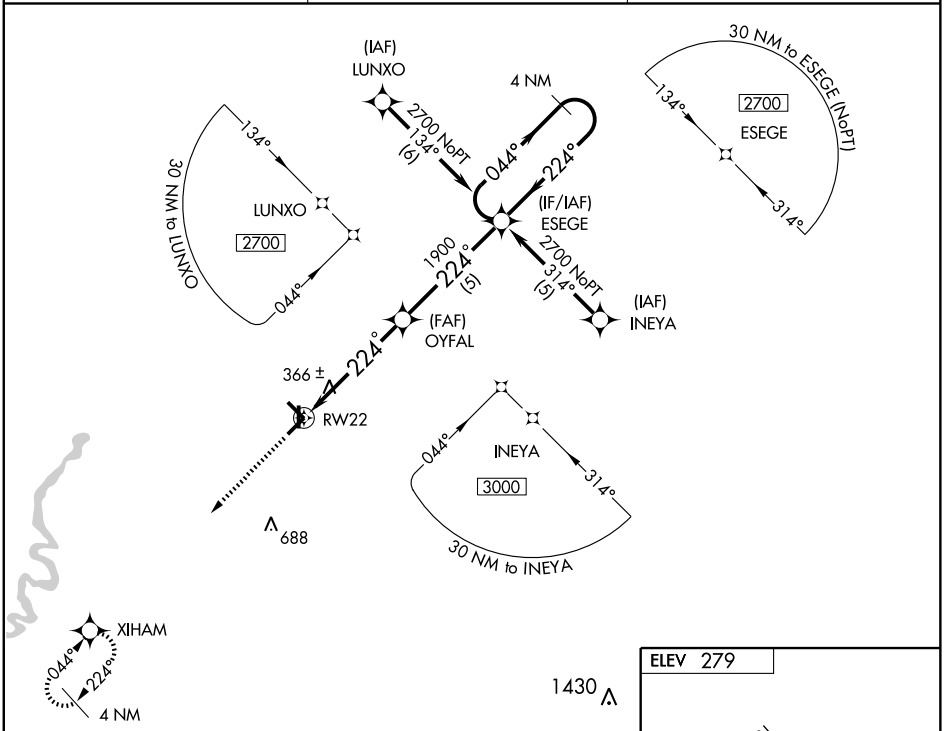
MIRL Rwys 4-22 and 18-36 L

APP CRS	Rwy Idg	6001
224°	TDZE	273
	Apt Elev	279

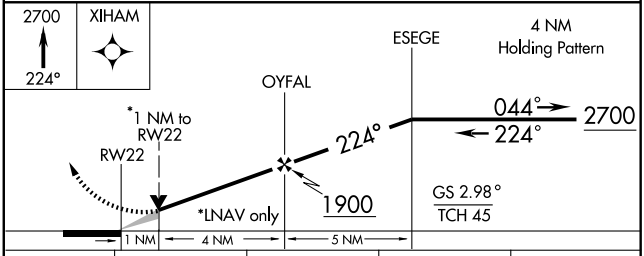
RNAV (GPS) RWY 22
WALNUT RIDGE RGNL (ARG)

⚠ NA — DME/DME RNP - 0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15° C (5° F) or above 50°C (122°F).	MISSED APPROACH: Climb to 2700 via 224° course to XIHAM and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L

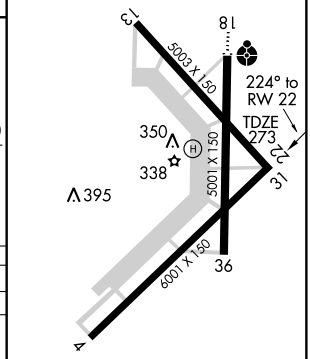


1430



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	633-1¼	360 (400-1¼)		
LNAV MDA	620-1	347 (400-1)		620-1¼ 347 (400-1¼)
CIRCLING	760-1 481 (500-1)		760-1½ 481 (500-1½)	840-2 561 (600-2)

ELEV 279



MIRL Rwys 4-22 and 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

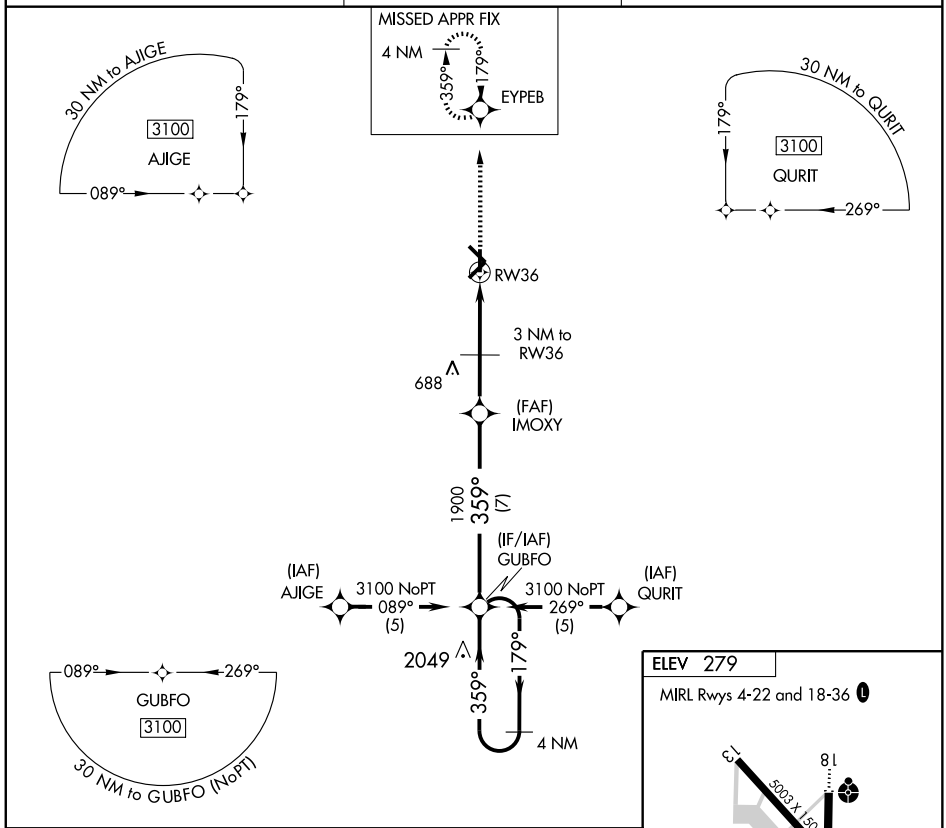
APP CRS	Rwy Idg	5001
359°	TDZE	273
	Apt Elev	279

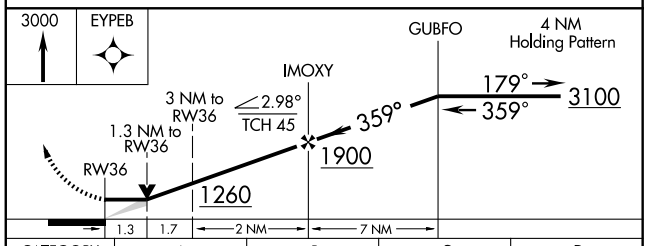
RNAV (GPS) RWY 36
WALNUT RIDGE RGNL (ARG)

NA DME/DME RNP-0.3 NA

MISSED APPROACH: Climb to 3000 direct EYPEB and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L

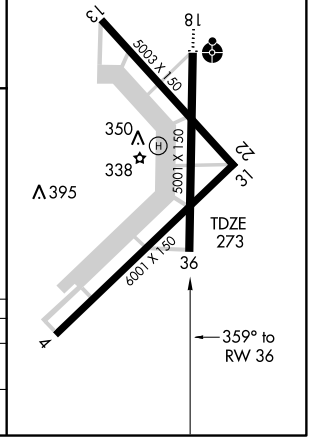




CATEGORY	A	B	C	D
LNAV MDA	640-1 367 (400-1)			640-1¼ 367 (400-1¼)
CIRCLING	760-1 481 (500-1)		760-1½ 481 (500-1½)	840-2 561 (600-2)

ELEV 279

MIRL Rwys 4-22 and 18-36 L



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR ARG	APP CRS	Rwy Idg	NA
114.5	053°	TDZE	NA
Chan 92		Apt Elev	279

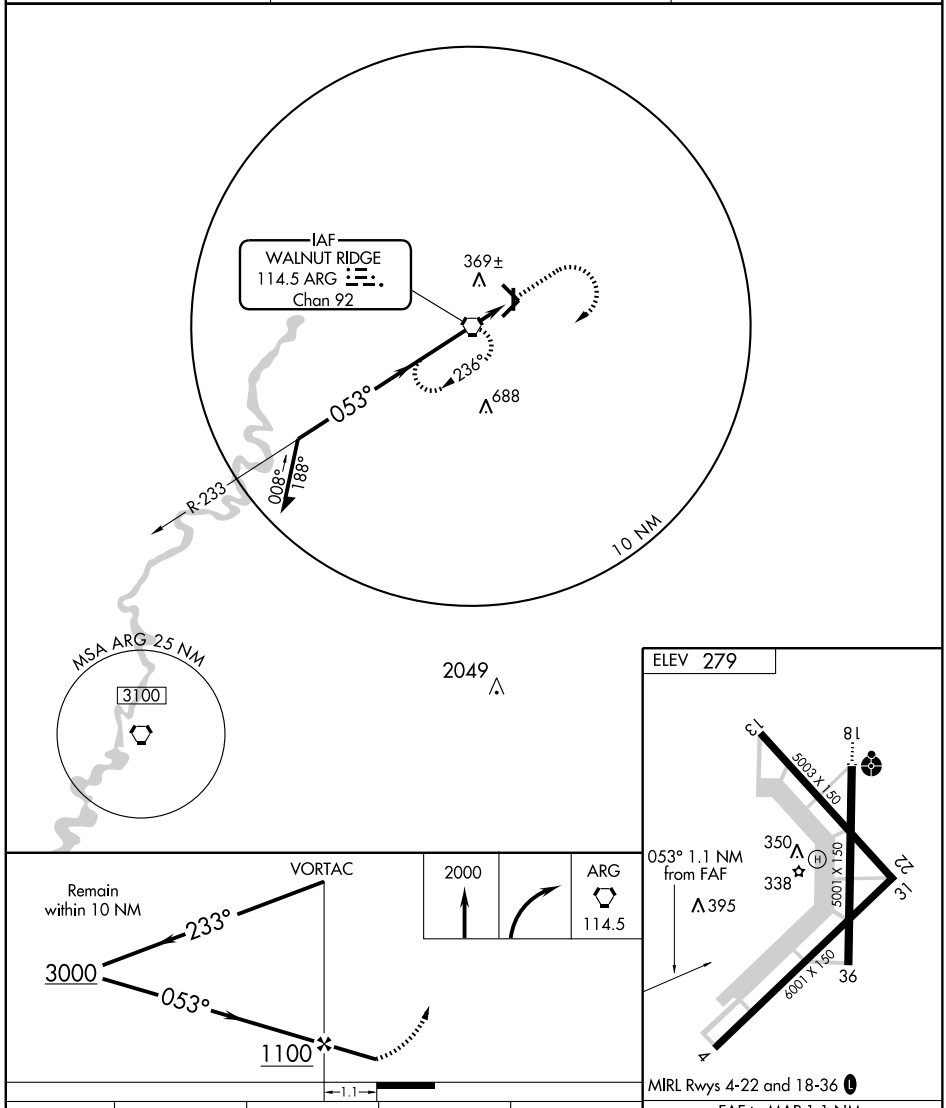
VOR-A

WALNUT RIDGE RGNL (ARG)

NA

MISSED APPROACH: Climb to 2000 then right turn direct ARG VORTAC and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	760-1	481 (500-1)	760-1½ 481 (500-1½)	840-2 561 (600-2)

FAF to MAP 1.1 NM

Knots	60	90	120	150	180
Min:Sec	1:06	0:44	0:33	0:26	0:22

SC-1, 17 DEC 2009 to 14 JAN 2010

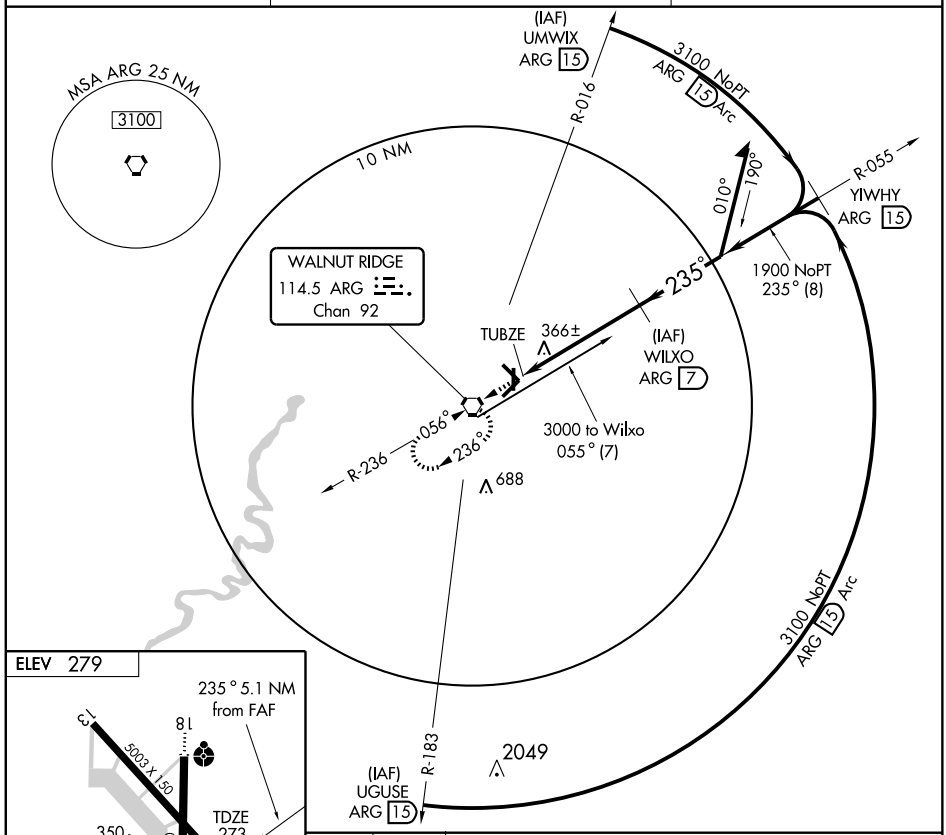
VOR ARG	APP CRS	Rwy Idg	6001
114.5	235°	TDZE	273
Chan 92		Apt Elev	279

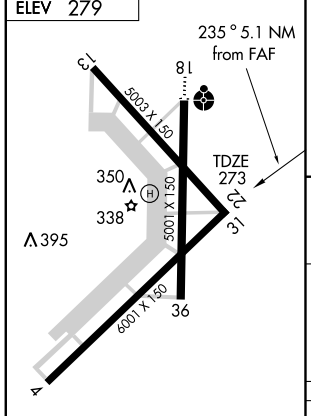
VOR/DME RWY 22

WALNUT RIDGE RGNL (ARG)

MISSED APPROACH: Climb to 2000 direct ARG VORTAC and hold.

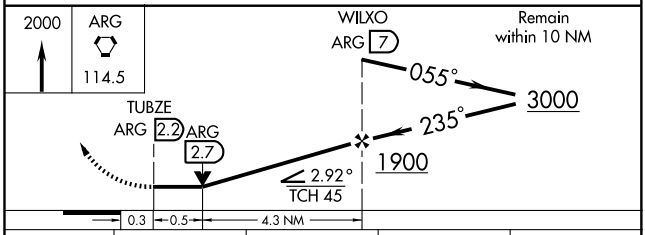
AWOS-3	MEMPHIS CENTER	UNICOM
135.925	120.075 289.4	122.8 (CTAF) L





MIRL Rwys 4-22 and 18-36 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-22	620-1 347 (400-1)			620-1¼ 347 (400-1¼)
CIRCLING	760-1 481 (500-1)		760-1½ 481 (500-1½)	840-2 561 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

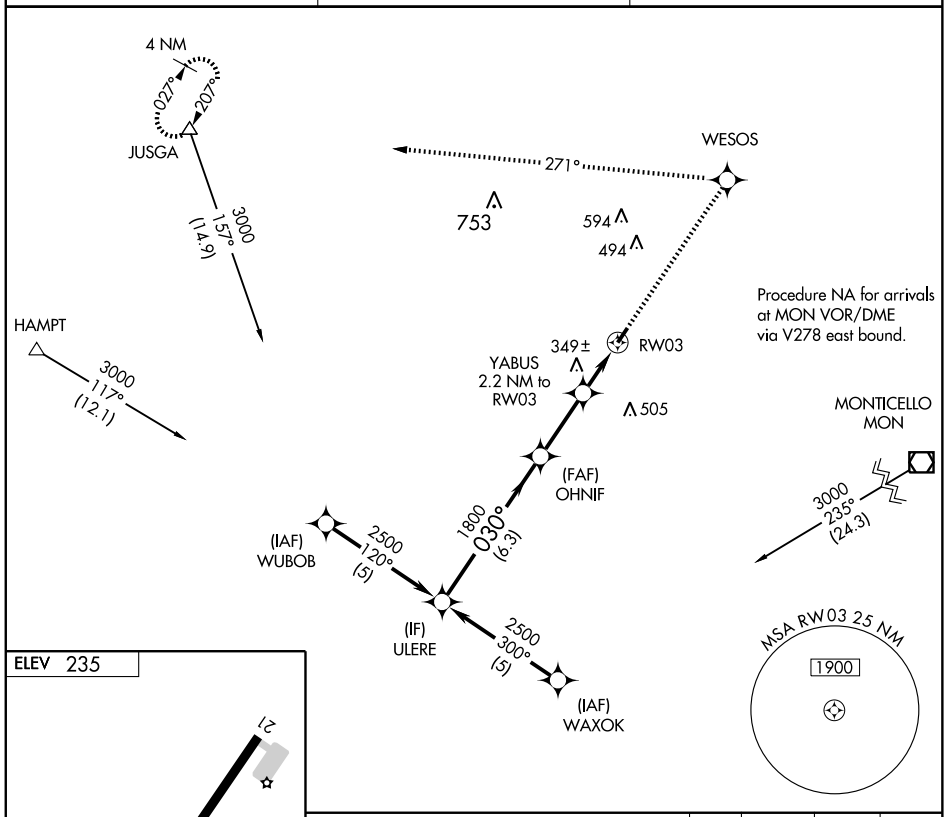
APP CRS	Rwy Idg	3829
030°	TDZE	235
	Apt Elev	235

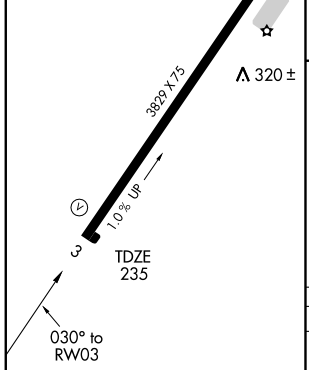
RNAV (GPS) RWY 3
WARREN MUNI (3M9)

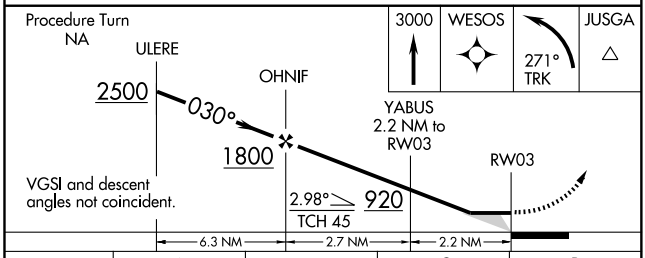
NA — DME/DME RNP-0.3 NA. Use Monticello altimeter setting; when not received, use El Dorado altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 3000 direct WESOS and left turn via 271° track to JUSGA and hold.

MONTICELLO ASOS	MEMPHIS CENTER	CTAF
133.325	135.875 269.35	122.9







CATEGORY	A	B	C	D
LNAV MDA	660-1 425 (500-1)		660-1¼ 425 (500-1¼)	NA
CIRCLING	740-1 505 (600-1)		740-1½ 505 (600-1½)	NA

LIRL Rwy 3-21

SC-1, 17 DEC 2009 to 14 JAN 2010

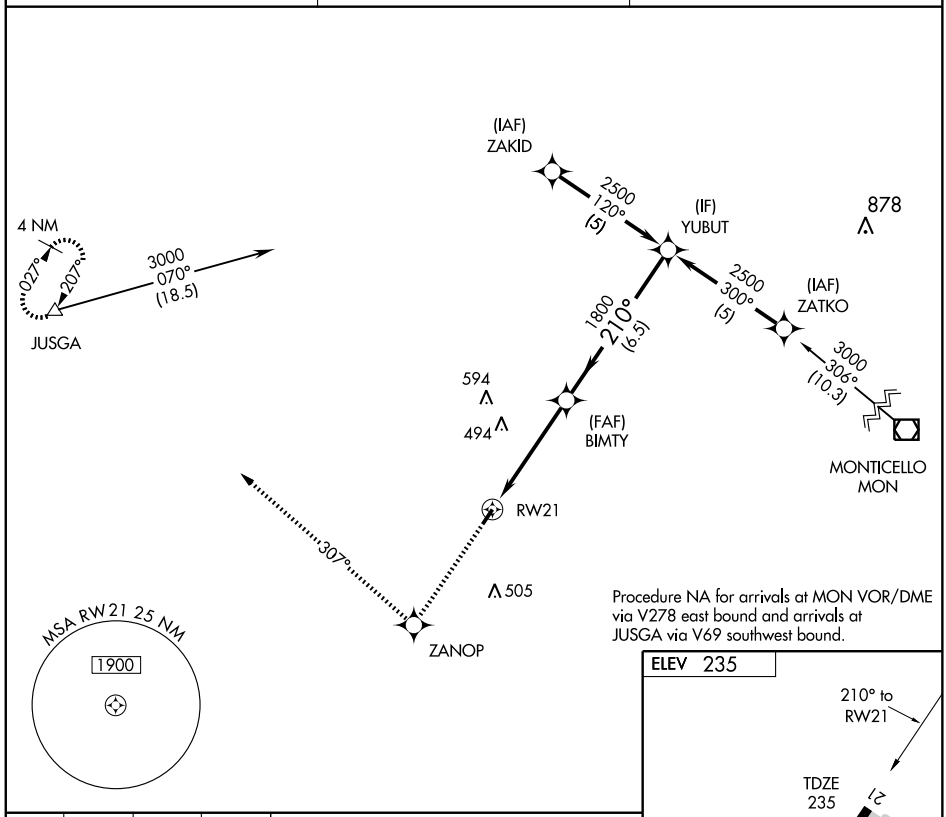
APP CRS	Rwy Idg	3829
210°	TDZE	235
	Apt Elev	235

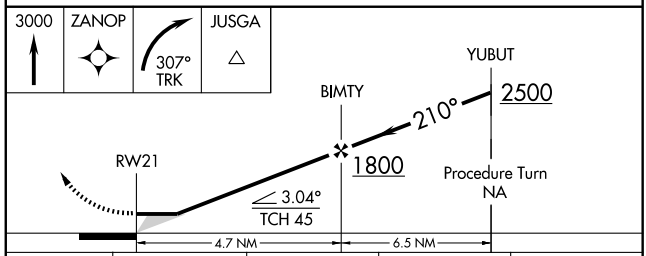
RNAV (GPS) RWY 21
WARREN MUNI (3M9)

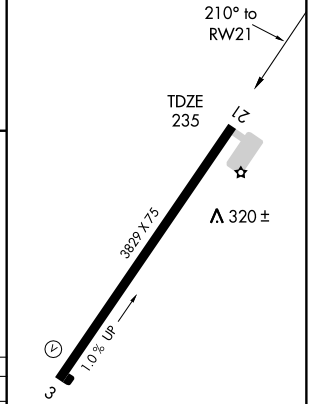
NA — DME/DME RNP-0.3 NA. Use Monticello altimeter setting, when not received, use El Dorado altimeter setting and increase all MDA 60 feet and LNAV Cat C visibility ¼.

MISSED APPROACH: Climb to 3000 direct ZANOP and right turn via 307° track to JUSGA and hold.

MONTICELLO ASOS	MEMPHIS CENTER	CTAF
133.325	135.875 269.35	122.9







CATEGORY	A	B	C	D
LNAV MDA	720-1	485 (500-1)	720-1¼ 485 (500-1¼)	NA
CIRCLING	740-1	505 (600-1)	740-1½ 505 (600-1½)	NA

LIRL Rwy 3-21

SC-1, 17 DEC 2009 to 14 JAN 2010

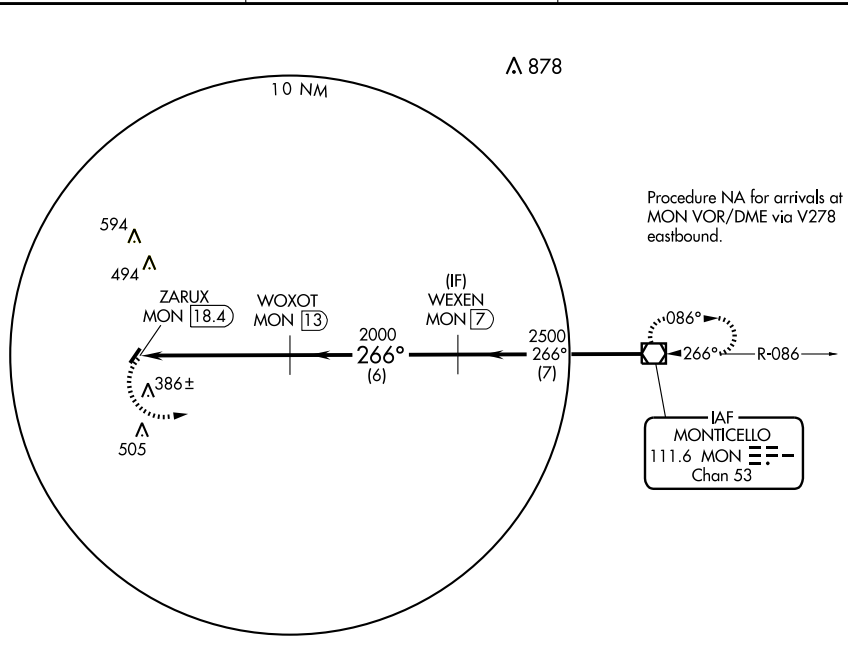
VOR/DME MON	APP CRS	Rwy Idg	N/A
111.6	266°	TDZE	N/A
Chan 53		Apt Elev	235

VOR/DME-A
WARREN MUNI (3M9)

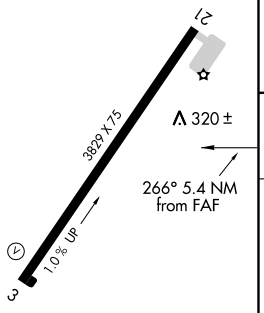
NA Use Monticello altimeter setting, when not received, use El Dorado altimeter setting and increase all MDA 60 feet and Cat C visibility ¼ mile.

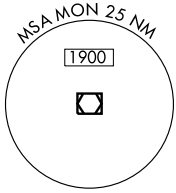
MISSED APPROACH: Climbing left turn to 2500 direct MON VOR/DME and hold.

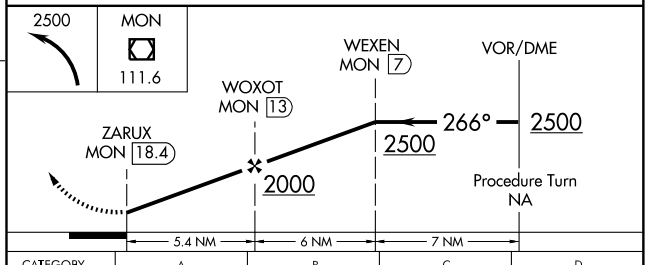
MONTICELLO ASOS	MEMPHIS CENTER	CTAF
133.325	135.875 269.35	122.9



ELEV 235







CATEGORY	A	B	C	D
CIRCLING	1000-1 765 (800-1)	1000-1¼ 765 (800-1¼)	1000-2¼ 765 (800-2¼)	NA

LIRL Rwy 3-21

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6003
180°	TDZE	212
	Apt Elev	212

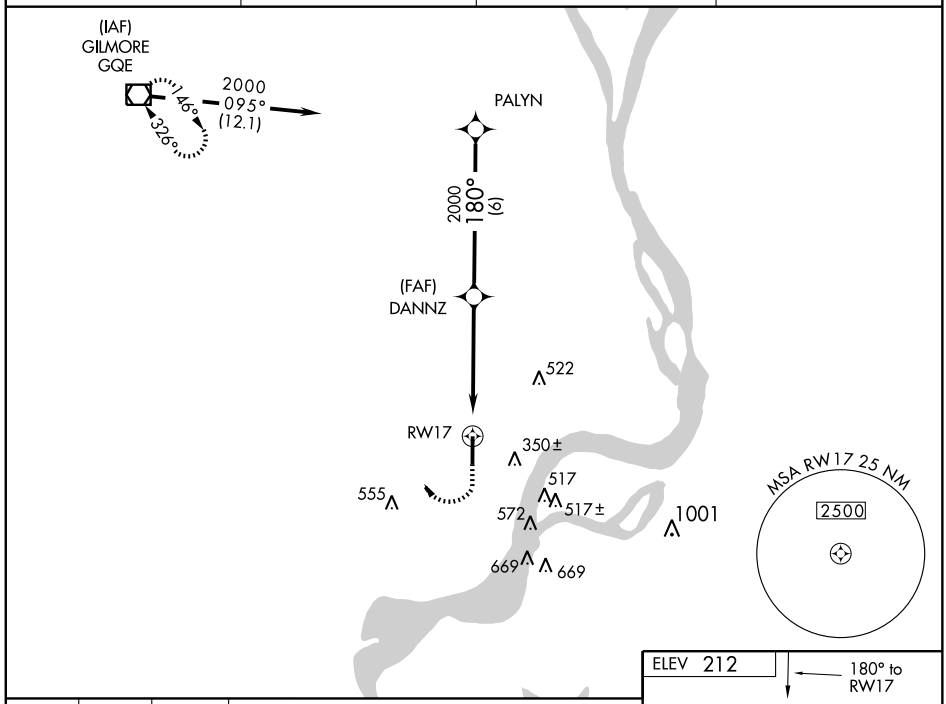
GPS RWY 17
WEST MEMPHIS MUNI (AWM)

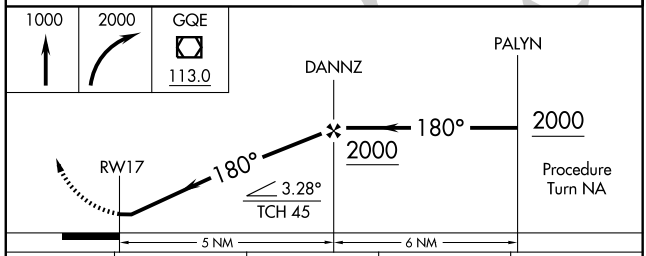
Obtain local altimeter setting on CTAF; when not received, use Memphis Intl altimeter setting. For inoperative MALSR increase S-17 Cat A,B visibility to 1 mile.

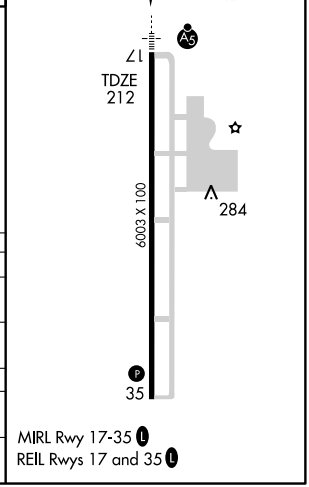
MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct GQE VOR/DME and hold.

ASOS	MEMPHIS APP CON	CLNC DEL	UNICOM
118.175	119.1 291.6	121.7	123.05 (CTAF) L







CATEGORY	A	B	C	D
S-17	640- ¾ 428 (500- ¾)			640-1 428 (500-1)
CIRCLING	640-1 428 (500-1)	680-1 468 (500-1)	680-1½ 468 (500-1½)	780-2 568 (600-2)
MEMPHIS INTL ALTIMETER SETTING MINIMUMS				
S-17	700- ¾ 488 (500- ¾)			700-1 488 (500-1)
CIRCLING	700-1 488 (500-1)		720-1½ 508 (600-1½)	780-2 568 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6003
360°	TDZE	212
	Apt Elev	212

GPS RWY 35

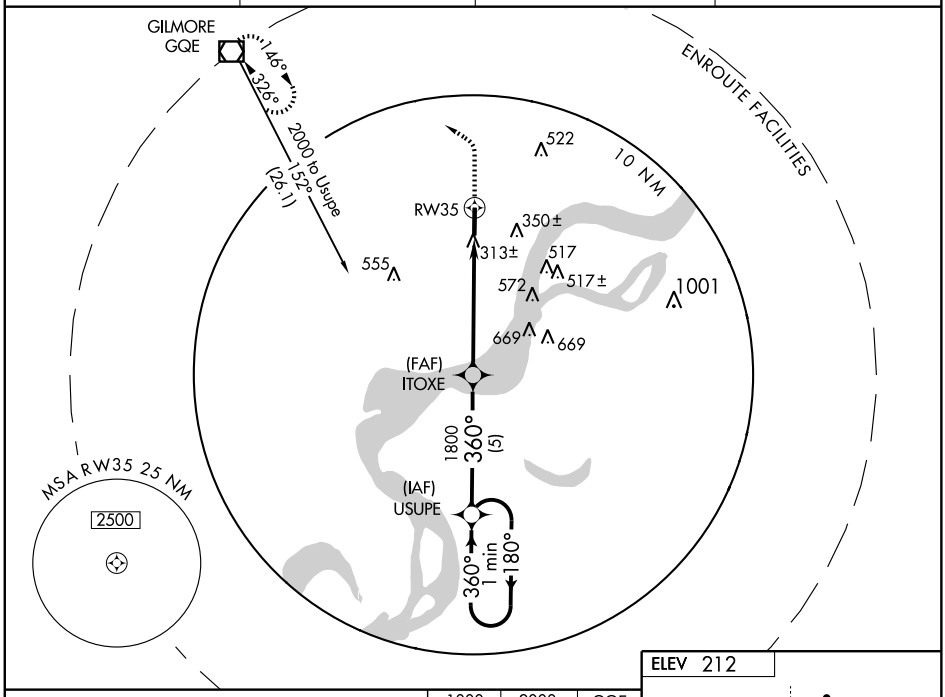
WEST MEMPHIS MUNI (AWM)

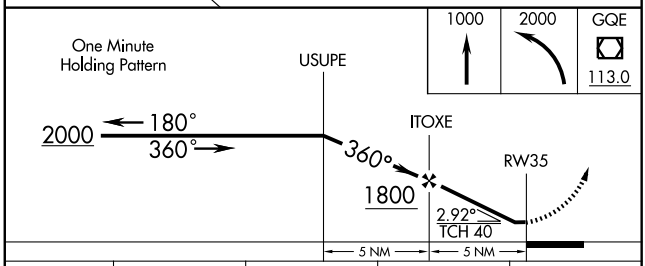
Obtain local altimeter setting on CTAF; when not received, use Memphis Intl altimeter setting.

NA

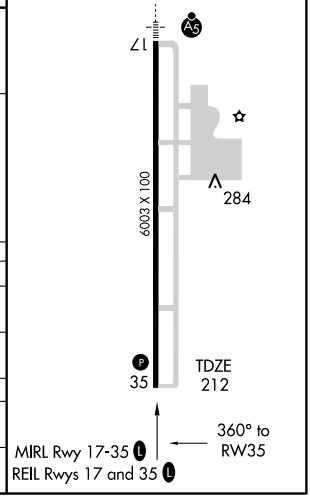
MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct GQE VOR/DME and hold.

ASOS	MEMPHIS APP CON	CLNC DEL	UNICOM
118.175	119.1 291.6	121.7	123.05 (CTAF) L





CATEGORY	A	B	C	D
S-35	580-1 368 (400-1)			580-1¼ 368 (400-1¼)
CIRCLING	620-1 408 (500-1)	680-1 468 (500-1)	680-1½ 468 (500-1½)	780-2 568 (600-2)
MEMPHIS INTL ALTIMETER SETTING MINIMUMS				
S-35	620-1 408 (500-1)		620-1¼ 408 (500-1¼)	
CIRCLING	680-1 468 (500-1)		720-1½ 508 (600-1½)	780-2 568 (600-2)



LOC I-LWR	APP CRS	Rwy Idg	6003
110.7	180°	TDZE	212
Chan 44		Apt Elev	212

ILS or LOC RWY 17

WEST MEMPHIS MUNI (AWM)

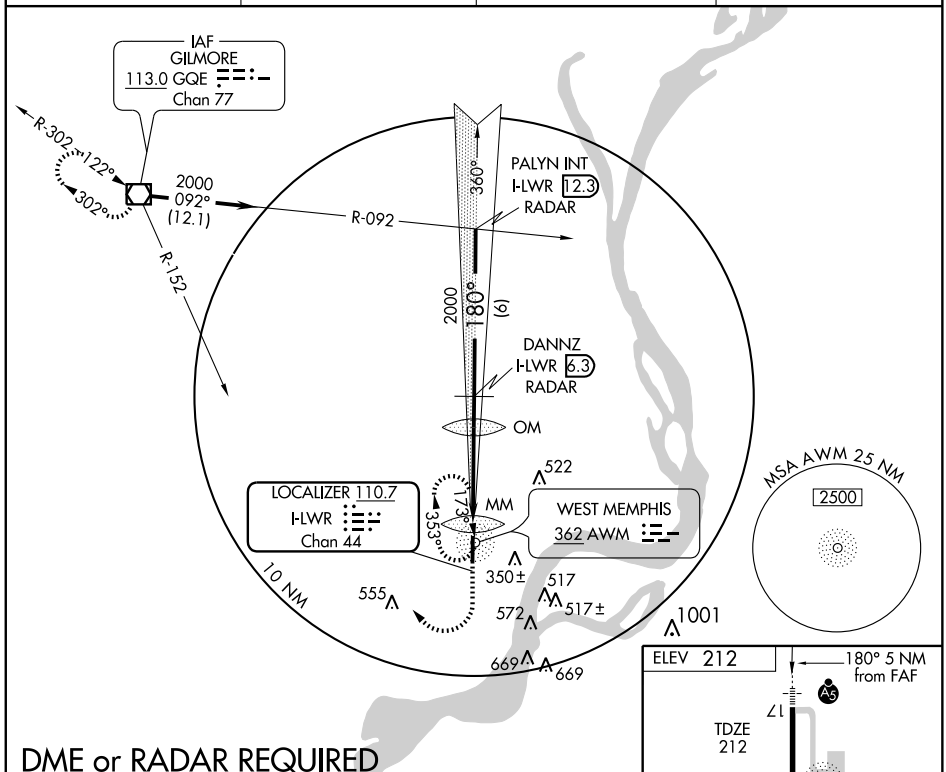
If local altimeter setting not received, use Memphis Intl altimeter setting and increase all DHs to 462, and all MDAs 60 feet.

NA

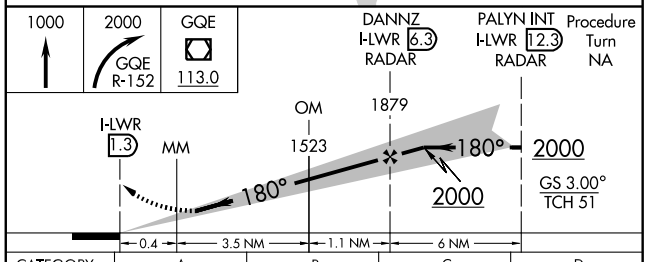
MALSR

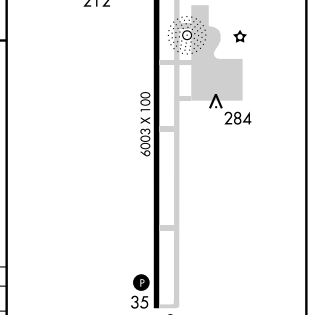
MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 via GQE R-152 to GQE VOR/DME and hold.

ASOS	MEMPHIS APP CON	CLNC DEL	UNICOM
118.175	119.1 291.6	121.7	123.05 (CTAF) L



DME or RADAR REQUIRED





CATEGORY	A	B	C	D
S-ILS 17	412-½ 200 (200-½)			
S-LOC 17	580-½ 368 (400-½)			580-¾ 368 (400-¾)
CIRCLING	620-1 408 (500-1)	680-1 468 (500-1)	680-1½ 468 (500-1½)	780-2 568 (600-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME GQE	APP CRS	Rwy Idg	N/A
113.0	133°	TDZE	N/A
Chan 77		Apt Elev	212

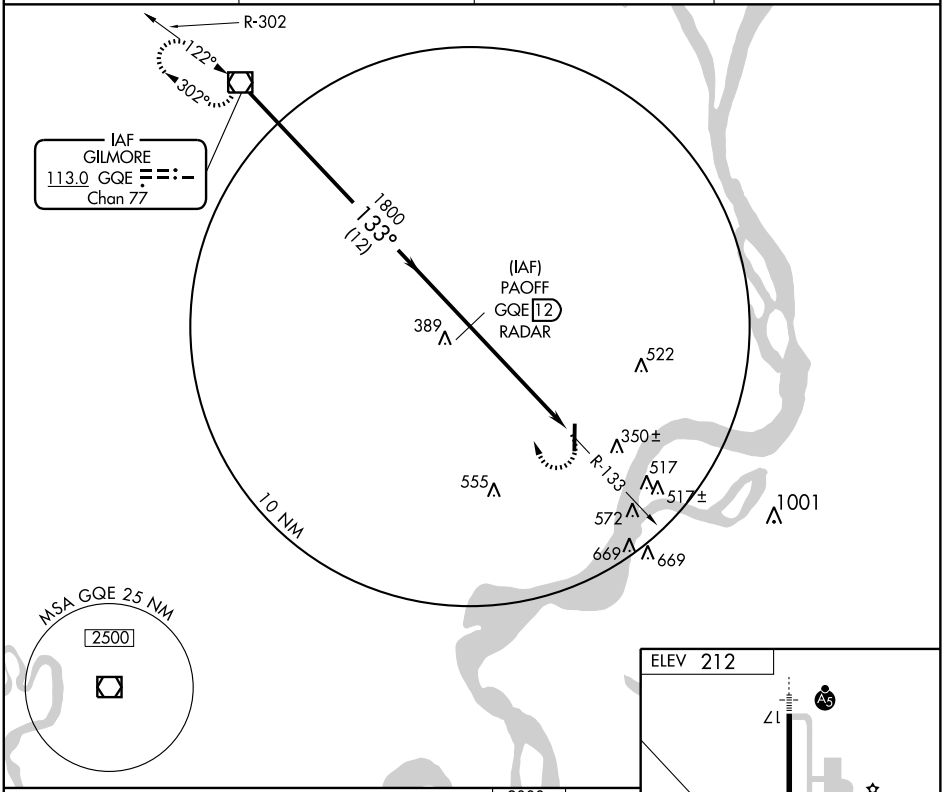
VOR/DME-A

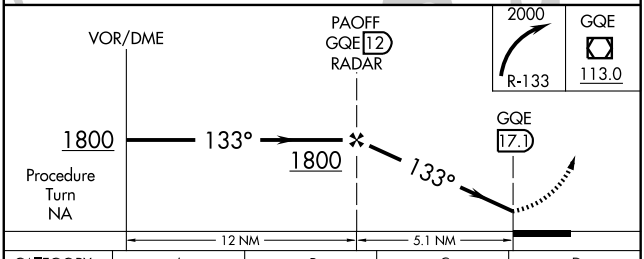
WEST MEMPHIS MUNI (AWM)

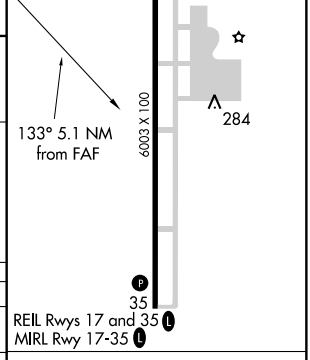
T A NA — Obtain local altimeter setting on CTAF; when not received, use Memphis Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 via R-133 to GQE VOR/DME and hold.

ASOS	MEMPHIS APP CON	CLNC DEL	UNICOM
118.175	119.1 291.6	121.7	123.05 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	680-1 468 (500-1)		680-1½ 468 (500-1½)	780-2 568 (600-2)
MEMPHIS INTL ALTIMETER SETTING MINIMUMS				
CIRCLING	740-1 528 (600-1)		740-1½ 528 (600-1½)	780-2 568 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ALEXANDRIA, LA
ESLER RGNL ..... **RNAV (GPS) Rwy 8**
RNAV (GPS) Rwy 26
NA when local weather not available.

BASTROP, LA
MOREHOUSE
MEMORIAL ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.

BATON ROUGE, LA
BATON ROUGE METROPOLITAN:
RYAN FIELD ..... **ILS or LOC Rwy 13[12]**
ILS or LOC Rwy 22R[124]
NDB Rwy 31[23]
RADAR-1[2]
RNAV (GPS) Rwy 4L[4]
RNAV (GPS) Rwy 22R[4]
RNAV (GPS) Rwy 31[4]
VOR Rwy 4L[3]
[1]ILS, Category D, 700-2.
[2]NA when control tower closed.
[3]Categories A,B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[4]NA when local weather not available.

BAY ST LOUIS, MS
STENNIS INTL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
VOR-A
NA when local weather not available.

BOGALUSA, LA
GEORGE R CARR MEMORIAL
AIR FIELD ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

COLUMBUS-WEST POINT-STARKVILLE, MS
GOLDEN TRIANGLE
RGNL ..... **ILS or LOC Rwy 18[1]**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.
[1]NA when control tower closed.

CORINTH, MS
ROSCOE TURNER ..... **ILS or LOC Rwy 18**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.

DE RIDDER, LA
BEAUREGARD RGNL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

GALLIANO, LA
SOUTH LAFOURCHE LEONARD
MILLER JR ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

GREENVILLE, MS
MID DELTA RGNL ..... **ILS or LOC Rwy 18L[1]**
NDB Rwy 36L[1]
NDB Rwy 36R[1]
RNAV (GPS) Rwy 18L[2]
RNAV (GPS) Rwy 18R[2]
RNAV (GPS) Rwy 36L[2]
RNAV (GPS) Rwy 36R[2]
VOR/DME Rwy 18L[2]
VOR/DME Rwy 18R[2]
[1]NA when control tower closed.
[2]NA when local weather not available.

GREENWOOD, MS
GREENWOOD-LEFLORE . **ILS or LOC Rwy 18[1]**
VOR Rwy 5[2]
[1]ILS, Categories C,D, 700-2.
[2]Category D, 800-2¼

NAME	ALTERNATE MINIMUMS

GULFPORT, MS

GULFPORT-BILOXI INTL ..... **ILS or LOC Rwy 14[12]**
ILS or LOC/DME Rwy 32[12]
ILS or LOC RWY 35[3]
RADAR-1[24]
RNAV (GPS) Rwy 14[3]
RNAV (GPS) Rwy 18[3]
RNAV (GPS) Rwy 32[3]
RNAV (GPS) Rwy 36[3]
VOR/DME or TACAN Rwy 14[4]
VOR/DME or TACAN Rwy 32[4]

[1]ILS, Categories B,C,D, 700-2; Category E, 800-2¾. LOC, Category E, 800-2¾.
[2]NA when control tower closed.
[3]NA when local weather not available.
[4]Category E, 800-2¾.

HAMMOND, LA

HAMMOND NORTHSHORE RGNL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 31

NA when local weather not available.

HATTIESBURG, MS

HATTIESBURG BOBBY L. CHAIN MUNI ..... **RNAV (GPS) Y Rwy 13**
RNAV (GPS) Z Rwy 13
VOR Rwy 13[1]

NA when local weather not available.
[1]Categories A, B, 1900-2; Categories C, D, 1900-3.

HATTIESBURG/LAUREL, MS

HATTIESBURG-LAUREL RGNL ..... **ILS Rwy 18[1]**
RNAV (GPS) Rwy 18[2]
RNAV (GPS) Rwy 36[2]

[1]NA when control zone not in effect.
[2]NA when local weather not available.

HOUMA, LA

HOUMA-TERREBONNE ..... **Copter VOR/DME 12[1]**
ILS or LOC Rwy 18[123]
RNAV (GPS) Rwy 12[14]
RNAV (GPS) Rwy 18[1]
RNAV (GPS) Rwy 30[1]
RNAV (GPS) Rwy 36[1]
VOR/DME Rwy 30[1]
VOR Rwy 12[124]

[1]NA when local weather not available.
[2]NA when control tower closed.
[3]ILS, Category D, 700-2.
[4]Category D, 800-2¼.

NAME	ALTERNATE MINIMUMS

JACKSON, MS

HAWKINS FIELD ..... **ILS Rwy 16[1]**
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

JACKSON-EVERS INTL ..... **ILS or LOC Rwy 34L[12]**
RADAR-1[1]
RNAV (GPS) Rwy 16L[3]
RNAV (GPS) Rwy 16R[3]
RNAV (GPS) Rwy 34L[3]
RNAV (GPS) Rwy 34R[3]

[1]NA when control tower closed.
[2]ILS, Category E, 700-2¼. LOC,Category E, 800-2¼.
[3]NA when local weather not available.

LAFAYETTE, LA

LAFAYETTE RGNL ..... **ILS or LOC/DME Rwy 4R[13]**
ILS or LOC Rwy 22L[23]
RNAV (GPS) Rwy 4R[1]
RNAV (GPS) Rwy 22L[1]
RNAV (GPS) Rwy 29[1]

[1]NA when local weather not available.
[2]NA when control tower closed.
[3]ILS, Category D, 700-2.

LAKE CHARLES, LA

CHENNAULT INTL ..... **ILS or LOC Rwy 15[12]**
VOR Rwy 33[12]

[1]NA when control tower closed.
[2]Category E, 900-3.

LAKE CHARLES RGNL ..... **ILS or LOC Rwy 15**
LOC BC Rwy 33

NA when control tower closed.

MC COMB, MS

MC COMB/PIKE COUNTY/ JOHN E LEWIS FIELD ..... **ILS or LOC Rwy 15**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR/DME-A

NA when local weather not available.

NAME ALTERNATE MINIMUMS

MERIDIAN, MS

KEY FIELD ..... **ILS or LOC Rwy 1[123]**
ILS or LOC Rwy 19[23]
RNAV (GPS) Rwy 1[34]
RNAV (GPS) Rwy 4[34]
RNAV (GPS) Rwy 19[34]
RNAV (GPS) Rwy 22[34]
VOR-A[34]

[1]NA when control tower closed.
[2]ILS, Category D, 700-2; Category E, 900-3.
LOC, Category E, 900-3.
[3]NA when local weather not available.
[4]Category E, 900-3.

MONROE, LA

MONROE RGNL ..... **ILS or LOC Rwy 4**
ILS Rwy 22

NA when control tower closed.

NATCHEZ, MS

HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY ..... **RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 36
VOR/DME Rwy 13

NA when local weather not available.

NEW IBERIA, LA

ACADIANA RGNL ..... **ILS Rwy 34[1]**
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]
VOR or TACAN Rwy 16[13]
VOR/DME Rwy 34[1]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]Category E, 900-3.

NEW ORLEANS, LA

LAKEFRONT ..... **ILS or LOC Rwy 18R[1]**
RNAV (GPS) Rwy 18R
RNAV (GPS) Rwy 36L
VOR/DME Rwy 36L

NA when local weather not available.
[1]Category D, 700-2.

LOUIS ARMSTRONG NEW ORLEANS INTL ..... **LOC Rwy 19**
Category D, 800-2¼.

OAKDALE, LA

ALLEN PARISH ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

OLIVE BRANCH, MS

OLIVE BRANCH ..... **ILS or LOC Rwy 18[12]**
RNAV (GPS) Rwy 18

NA when local weather not available.
[1]ILS, Categories, A,B,C,D, 700-2.
[2]NA when control tower closed.

PASCAGOULA, MS

TRENT LOTT INTL ..... **ILS or LOC Rwy 17[12]**
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 35[2]
VOR-A[23]

[1]ILS, 700-2.
[2]NA when local weather not available.
[3]Category D, 800-2¼.

PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL ..... **VOR/DME-A**
Categories A, B, 1200-2; Category C, 1200-3.

PHILADELPHIA, MS

PHILADELPHIA MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

PICAYUNE, MS

PICAYUNE MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

RAYMOND, MS

JOHN BELL WILLIAMS .... **RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.
Category D, 900-2¾.

SHREVEPORT, LA

SHREVEPORT DOWNTOWN ..... **RNAV (GPS) Rwy 14**
VOR Rwy 14

NA when local weather not available.
Category C, 800-2¼; Category D, 800-2½.

SHREVEPORT RGNL ..... **ILS or LOC Rwy 14[1]**
LOC Rwy 5[1]
RADAR-1[1]
RNAV (GPS) Rwy 23[2]

[1]Category E, 900-3.
[2]Category D, 800-2¼.

NAME	ALTERNATE MINIMUMS
STARKVILLE, MS	
GEORGE M BRYAN	**RNAV (GPS) Rwy 18**
	RNAV (GPS) Rwy 36
	VOR/DME-A
NA when local weather not available.	
SULPHUR, LA	
SOUTHLAND FIELD	**LOC Rwy 15**
	RNAV (GPS) Rwy 15
	RNAV (GPS) Rwy 33
	VOR/DME-A
NA when local weather not available.	
TALLULAH, LA	
VICKSBURG TALLULAH RGNL	**LOC Rwy 36**
	RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 36
NA when local weather not available.	
TUNICA, MS	
TUNICA MUNI	**ILS or LOC Rwy 35**
	RNAV (GPS) Rwy 17
	RNAV (GPS) Rwy 35
NA when local weather not available.	
TUPELO, MS	
TUPELO RGNL	**ILS or LOC Rwy 36**
	RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 36
NA when local weather not available.	

BARKSDALE AFB (KBAD), LA (Bossier City) (Amdt 1, 08129 USAF) ELEV 166

RADAR[1] - (E) 111.2 118.6 119.9 125.1 350.2 335.55 363.8

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[2]	15		AB	660/24	494	(500-½)
			C	660/40	494	(500-¾)
			D	660/50	494	(500-1)
			E	660/60	494	(500-1¼)
	33		AB	660/24	497	(500-½)
			C	660/40	497	(500-¾)
			D	660/50	497	(500-1)
			E	660/60	497	(500-1¼)
CIR[3]	All Rwy		ABC	NOT AUTHORIZED		
			D	720-2	554	(600-2)
			E	780-2¼	614	(700-2¼)

[1]Opr 1200-0500Z++. [2]When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles. [3]Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

BATON ROUGE, LA Amdt. 10C, JUN 5, 2008 (FAA) ELEV 70

BATON ROUGE METROPOLITAN: RYAN FIELD

RADAR - 120.3 278.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	31		ABCD	**440**-1¼	371	(400-1¼)				
	13		ABC	**560**-¾	492	(500-¾)	D	**560**-1	492	(500-1)
	22R		ABC	**620**/50	550	(600-1)	D	**620**/60	550	(600-1¼)
	4L		AB	**620**-1¼	551	(600-1¼)	C	**620**-1½	551	(600-1½)
			D	**620**-1¾	551	(600-1¾)				
CIRCLING			AB	**620**-1¼	550	(600-1¼)	C	**660**-1½	590	(600-1½)
			D	**680**-2	610	(700-2)				

When control tower closed ASR NA.
S-22R: For inoperative MALSR, increase Categories A,B, visibility to RVR 6000.
S-31: Inoperative table does not apply.
When VGSI inoperative, circling to Rwy 4L NA at night.

DE RIDDER, LA

Orig, MAR 12, 2009 (FAA) ELEV **204**

BEAUREGARD RGNL

RADAR - 123.7 254.8 ▽ ⚠ NA

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	36	AB	**620**-1	423	(500-1)	CD	**620**-1¼	423	(500-1¼)
	18	AB	**700**-1	498	(500-1)	C	**700**-1¼	498	(500-1¼)
		D	**700**-1½	498	(500-1½)				
CIRCLING		AB	**700**-1	496	(500-1)	C	**700**-1½	496	(500-1½)
		D	**760**-2	556	(600-2)				

When local altimeter not received,use Fort Polk altimeter setting and increase all MDAs 60 feet, increase Category D circling MDA 40 feet.

GULFPORT, MS

AMDT. 6A, MAR 12, 2009 (FAA) ELEV **28**

GULFPORT-BILOXI INTL

RADAR- 124.6 254.25 ▽ ⚠

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	32	ABC	**440**/40	412	(500-¾)	DE	**440**/50	412	(500-1)
	14	AB	**440**/24	413	(500-½)	C	**440**/40	413	(500-¾)
		DE	**440**/50	413	(500-1)				
CIRCLING		A	**500**-1	472	(500-1)	B	**660**-1	632	(700-1)
		C	**660**-1¾	632	(700-1¾)	D	**660**-2	632	(700-2)
		E	**820**-2¾	792	(800-2¾)				

Procedure not authorized when control tower closed.
For inoperative MALSR increase ASR S-14 CAT D visibility RVR to 6000 and CAT E to 1½ mile.
For inoperative MALSR increase ASR S-32 CATs A,B,C visibility to RVR 5000, CAT D to RVR 6000, and CAT E to 1½ mile.

JACKSON, MS

Amdt. 11B, MAY 11, 2006 (FAA) ELEV **346**

JACKSON-EVERS INTL

RADAR- 123.9 317.7

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	16R		AB	**740**-1	421	(500-1)	CD	**740**-1¼	421	(500-1¼)
			E	**740**-1½	421	(500-1½)				
	16L		AB	**740**/24	429	(500-½)	C	**740**/40	429	(500-¾)
			DE	**740**/50	429	(500-1)				
	34L		AB	**800**/24	472	(500-½)	C	**800**/40	472	(500-¾)
			D	**800**/50	472	(500-1)	E	**800**/60	472	(500-1¼)
	34R		AB	**820**/50	474	(500-1)	C	**820**/60	474	(500-1¼)
			D	**820**-1½	474	(500-1½)	E	**820**-1¾	474	(500-1¾)
CIRCLING			A	**840**-1	494	(500-1)	B	**880**-1	534	(600-1)
			C	**880**-1½	534	(600-1½)	D	**900**-2	554	(600-2)
			E	**940**-2	594	(600-2)				

Category E S-16L visibility increased ½ mile for inoperative ALSF-2.
Category E S-34L visibility increased ½ mile for inoperative MALSR.
Category E circling not authorized southwest of runway 16R-34L.
When control tower closed procedure NA.

JOE WILLIAMS NOLF (KNJW),

MS (Moscow) (09351 USN) ELEV **539**

RADAR - (E) 134.1 266.8 300.4 310.8 322.0 325.2 328.4 346.0 363.6

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[1]	31		A	**1120**-1	581	(600-1)
			B	**1120**-1¼	581	(600-1¼)
			C	**1120**-1½	581	(600-1½)
			DE	**1120**-2	581	(600-2)
CIR[1]	All Rwy		A	**1120**-1	581	(600-1)
			B	**1120**-1¼	581	(600-1¼)
			C	**1120**-1½	581	(600-1½)
			D	**1120**-2	581	(600-2)
			E	**1160**-2¼	621	(700-2¼)

[1]Procedure NA at night.

LAFAYETTE, LA

Amdt. 9, MAR 15, 2007(FAA) ELEV **43**

LAFAYETTE RGNL

RADAR - 121.1 363.0

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	29		ABC	**400**-1	358	(400-1)	D	**400**-1¼	358	(400-1¼)
	4R		AB	**480**-1	440	(500-1)	C	**480**-1¼	440	(500-1¼)
			D	**480**-1½	440	(500-1½)				
	11		AB	**560**-1	518	(600-1)	C	**560**-1½	518	(600-1½)
			D	**560**-1¾	518	(600-1¾)				
CIRCLING			A	**560**-1	517	(600-1)	B	**580**-1	537	(600-1)
			C	**580**-1½	537	(600-1½)	D	**660**-2	617	(700-2)

LAKE CHARLES, LA

Amdt. 1A, NOV 25, 1999 (FAA) ELEV **17**

CHENNAULT INTL

RADAR - 119.8 282.3 ⚠NA

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	33	AB	**540**-1	523	(600-1)	C	**540**-1½	523	(600-1½)
		DE	**540**-1¾	523	(600-1¾)				
	15	AB	**560**-½	544	(600-½)	C	**560**-1	544	(600-1)
		D	**560**-1¼	544	(600-1¼)	E	**560**-1½	544	(600-1½)
CIRCLING		AB	**580**-1	563	(600-1)	C	**580**-1½	563	(600-1½)
		D	**580**-2	563	(600-2)	E	**880**-3	863	(900-3)
			LAKE CHARLES REGIONAL ALTIMETER SETTING MINIMUMS						
ASR	33	AB	**540**-1	523	(600-1)	C	**540**-1½	523	(600-1½)
		DE	**540**-1¾	523	(600-1¾)				
	15	AB	**580**-½	564	(600-½)	C	**580**-1	564	(600-1½)
		D	**580**-1¼	564	(600-1¼)	E	**580**-1½	564	(600-1½)
CIRCLING		AB	**600**-1	583	(600-1)	C	**600**-1½	583	(600-1½)
		D	**600**-2	583	(600-2)	E	**900**-3	883	(900-3)

When local altimeter setting not received, use Lake Charles Regional altimeter setting.
Procedure not available when Lake Charles Approach Control closed.
For inoperative MALSR, increase Category E visibilities ½ mile.

LAKE CHARLES, LA

Amdt. 5A, NOV 24, 2005 (FAA) ELEV **15**

LAKE CHARLES RGNL

RADAR - 119.35 353.75 ⚠

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	5	ABC	**380**-1	366	(400-1)	D	**380**-1¼	366	(400-1¼)
	33	ABC	**380**-¾	368	(400-¾)	D	**380**-1¼	368	(400-1¼)
	23	AB	**440**-1	425	(500-1)	CD	**440**-1¼	425	(500-1¼)
	15	AB	**440**/24	428	(500-½)	C	**440**/40	428	(500-¾)
		D	**440**/50	428	(500-1)				
CIRCLING		A	**440**-1	425	(500-1)	B	**480**-1	465	(500-1)
		C	**480**-1½	465	(500-1½)	D	**580**-2	428	(500-2)

When control tower closed, procedure NA.

MERIDIAN NAS (KNMM), (Mc CAIN FIELD), MS (09295 USN) ELEV 316

RADAR - (E) 134.1 266.8 300.4 310.8 322.0 325.2 328.4 346.0 363.6 ▽

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[1]	19L[2]	3.0°/48/1124	ABCDE	416-¼	100	(100-¼)
	1L[3]	3.0°/35/764	ABCDE	453-½	200	(200-½)
	1R	3.0°/38/874	ABCDE	470-¾	200	(200-¾)
	19R	3.0°/37/881	ABCDE	494-¾	200	(200-¾)
PAR W/O GS[1]	19R		ABCDE	640-1¼	346	(400-1¼)
	1R		ABCDE	660-1¼	390	(400-1¼)
	19L[4]		AB	740-½	424	(500-½)
			CD	740-¾	424	(500-¾)
			E	740-1	424	(500-1)
	1L[5]		AB	760-¾	507	(500-¾)
			CD	760-1	507	(500-1)
			E	760-1¼	507	(500-1¼)
ASR	28		ABC	680-1	375	(400-1)
			DE	680-1¼	375	(400-1¼)
	19R		AB	700-1	406	(400-1)
			C	700-1¼	406	(400-1¼)
			DE	700-1½	406	(400-1½)
	1R		AB	700-1	430	(400-1)
			C	700-1¼	430	(400-1¼)
			DE	700-1½	430	(400-1½)
	19L[6]		AB	780-½	464	(500-½)
			C	780-¾	464	(500-¾)
			D	780-1	464	(500-1)
			E	780-1¼	464	(500-1¼)
	1L[7]		AB	760-½	507	(500-½)
			CD	760-1	507	(500-1)
			E	760-1¼	507	(500-1¼)
CIR	All Rwy[8]		AB	820-1	504	(600-1)
			C	820-1½	504	(600-1½)
			D	880-2	564	(600-2)
			E	1060-2¾	744	(800-2¾)

[1]No-NOTAM MP sked: PAR 1300-1700Z++Tue, PAR and PAR W/O GS apch not avbl dur this time. [2]When ALS inop, increase vis All CAT to ½ mile. [3]When ALS inop, increase vis All CAT to ¾ mile. [4]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles, CAT E to 1½ miles. [5]When ALS inop, increase vis CAT AB to 1¼ miles, CAT CD to 1½ miles, CAT E to 1¾ miles. [6]When ALS inop, increase vis CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles. [7]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1½ miles, CAT E to 1¾ miles. [8]When circling from PAR W/O GS Rwys 1L, 1R, 19R, increase vis CAT AB to 1¼ miles.

MONROE, LA

Amdt. 6A, June 12, 2003 (FAA) ELEV **79**

MONROE RGNL

RADAR - 126.9 388.0

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	22		ABCD	**480**-1	402	(500-1)				
	4		ABC	**560**/40	482	(500-¾)	D	**560**/50	482	(500-1)
CIRCLING			AB	**580**-1¼	501	(600-1¼)	C	**620**-1½	541	(600-1½)
			D	**640**-2	561	(600-2)				

NEW ORLEANS, LA

Amdt. 17A, JUN 5, 2008 (FAA) ELEV **4**

LOUIS ARMSTRONG NEW ORLEANS INTL

RADAR - 123.85 256.9, 125.5 350.35, 133.15 290.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	10		ABC	**340**/24	336	(400-½)	D	**340**/50	336	(400-1)
	28		ABC	**400**/40	397	(400-¾)	D	**400**/50	397	(400-1)
	19		ABCD	**420**/60	420	(500-1¼)				
	CIRCLING		AB	**520**-1¼	516	(600-1¼)	C	**520**-1½	516	(600-1½)
			D	**580**-2	576	(600-2)				

Rwy 10: Inoperative table does not apply to Category D.
Rwy 19: Inoperative table does not apply.
Rwy 28: For inoperative MALSR, increase Category D RVR to 6000.

NEW ORLEANS NAS JRB (KNBG), (ALVIN CALLENDER FLD) LA (09239 USN)

RADAR[1 2 13] - **(E)** 125.95 126.55 269.025 290.0 308.4 311.6 336.5 353.65 ▽ **ELEV 2**

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	4[3]	3.0°/51/973	ABCDE	99-¼	100	(100-¼)
	22[4]	3.0°/43/861	ABCDE	249-¾	250	(300-¾)
PAR W/O GS	4[5]		ABC	380-½	381	(400-½)
			DE	380-¾	381	(400-¾)
	22[6]		ABCDE	300-1	301	(400-1)
ASR	4[7]		AB	420-½	421	(500-½)
			CD	420-¾	421	(500-¾)
			E	420-1	421	(500-1)
	22[8]		AB	460-¾	461	(500-¾)
			C	460-1	461	(500-1)
			D	460-1¼	461	(500-1¼)
			E	460-1½	461	(500-1½)
	14		AB	440-1	438	(500-1)
			C	440-1¼	438	(500-1¼)
			DE	440-1½	438	(500-1½)
	32[9]		AB	440-1	438	(500-1)
			C	440-1¼	438	(500-1¼)
			DE	440-1½	438	(500-1½)
CIR[10 11 12]	All Rwy		AB	480-1	478	(500-1)
			C	500-1½	498	(500-1½)
			D	560-2	558	(600-2)
			E	640-2¼	638	(700-2¼)

NOTE: Rwy 32: Trees 35' AGL/32' MSL 675' from thld, 191' left of centerline.

[1]No-NOTAM preventive maint Mon 1300-1800Z++. [2]Outside of afld oprs hr, civ acft transiting CL D airspace, ctc ATC on 123.8 for clnc. [3]When ALS inop, increase vis CAT ABCDE to ½ mile. [4]When ALS inop, increase vis Cat CDE to 1 mile. [5]When ALS inop, increase CAT ABC to 1 mile, CAT DE to 1¼ miles. [6]When ALS inop, increase vis CAT ABCDE to 1¼ miles. [7]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles, CAT E to 1½ miles. [8]When ALS increase CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles. [9]Procedure NA at night. [10]CAT E circling NA NW of Rwy 4-22. [11]Night circling NA to Rwy 32. [12]When circling from PAR W/O GS Rwy 22, increase vis CAT AB to 1¼ miles. [13]GCA closed Tues, Wed, Thu from 1300-1500Z++ and 0100-0300Z++.

POLK AAF (KPOE), LA (FORT POLK) (Amdt 4, 03051 USA) ELEV 329

RADAR - (E) 123.7 261.3 ⚠NA Opr 1400-0600Z + + exc hol.

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	15	3.0°/34/741	ABCD	529-¾	200	(200-¾)
	33	3.0°/42/799	AB	579-½	256	(300-½)
			CD	579-¾	256	(300-¾)
ASR	33		AB	660-½	337	(400-½)
			CD	660-¾	337	(400-¾)
	15		AB	780-1	451	(500-1)
			C	780-1¼	451	(500-1¼)
			D	780-1½	451	(500-1½)
CIR	All Rwy		AB	820-1	491	(500-1)
			C	820-1½	491	(500-1½)
			D	880-2	551	(600-2)

SHREVEPORT, LA

Amdt. 3A, JUL 31, 2000 (FAA) ELEV **258**

SHREVEPORT RGNL

RADAR - 119.9 335.55 ⚠

RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
CIRCLING	AB	**800**-1	542	(600-1)
	C	**800**-1½	542	(600-1½)
	D	**820**-2	562	(600-2)
	E	**1100**-3	842	(900-3)

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

ABERDEEN/AMORY, MS

MONROE COUNTY

NOTE: **Rwy 18,** pole 460' from departure end of runway, 365' left of centerline, 25' AGL/254' MSL. Trees beginning 7' from departure end of runway, 61' left of centerline, up to 100' AGL/310' MSL. Trees beginning 839' from departure end of runway, 83' right of centerline, up to 116' AGL/316' MSL. **Rwy 36,** trees beginning 241' from departure end of runway, 490' left of centerline, up to 83' AGL/303' MSL. Trees beginning 27' from departure end of runway, 426' right of centerline, up to 92' AGL/312' MSL. Tree 3078' from departure end of runway, 276' right of centerline, 81' AGL/301' MSL.

ALEXANDRIA, LA

ALEXANDRIA INTL

NOTE: **Rwy 18,** multiple trees and bush beginning 897' from departure end of runway, 210' right of centerline, up to 83' AGL/173' MSL. Multiple trees and fence beginning 91' from departure end of runway, 326' left of centerline, up to 80' AGL/167' MSL. **Rwy 32,** multiple trees beginning 1537' from departure end of runway, 662' right ofcenterline, up to 80' AGL/162' MSL. **Rwy 36,** multiple trees beginning 1298' from departure end of runway, 25' left of centerline, up to 90' AGL/170' MSL. Multiple trees beginning 1340' from departure end of runway, 155' right of centerline, up to 90' AGL/169' MSL. Antenna, 5041' from departure end of runway, 793' left of centerline, 140' AGL/216' MSL.

NAME TAKE-OFF MINIMUMS

ALEXANDRIA, LA (CON'T)

ESLER RGNL

NOTE: **Rwy 8,** tree 1223' from departure end of runway, 928' right of centerline, 73' AGL/163' MSL. **Rwy 14,** tree 928' from departure end of runway, 606' left of centerline, 72' AGL/160' MSL. Tree 942' from departure end of runway, 642' right of centerline, 78' AGL/166' MSL. **Rwy 32,** tree 1959' from departure end of runway, 940' left of centerline, 111' AGL/223' MSL. Tree 1862' from departure end of runway, 812' right of centerline, 103' AGL/215' MSL.

BASTROP, LA

MOREHOUSE MEMORIAL

NOTE: **Rwy 34,** powerlines 1700' from departure end of runway, 70' AGL/214' MSL.

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

09351

BATESVILLE, MS

PANOLA COUNTY

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1½ or std. w/ min. climb of 259' per NM to 500. **Rwy 19,** 200-1½ or std. w/ min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 008° to 800 before turning left. **Rwy 19,** climb heading 188° to 1000 before turning right.

NOTE: **Rwy 1,** multiple trees beginning 74' from departure end of runway, 97' left of centerline, up to 100' AGL/439' MSL. Multiple trees beginning 130' from departure end of runway, 52' right of centerline, up to 100' AGL/420' MSL. **Rwy 19,** pole and road with vehicle beginning 49' from departure end of runway, 499' left of centerline, up to 23' AGL/252' MSL. Terrain 17' from departure end of runway, 37' left of centerline, 263' MSL. Multiple trees beginning 452' from departure end of runway, 106' left of centerline, up to 100' AGL/409' MSL. Terrain 59' from departure end of runway, 210' right of centerline, 224' MSL. Multiple trees beginning 1236' from departure end of runway, 39' right of centerline, up to 100' AGL/399' MSL.

BATON ROUGE, LA

BATON ROUGE METROPOLITAN, RYAN FIELD

DEPARTURE PROCEDURE: **Rwys 22L/R,** climb runway heading to 2000 before turning left or comply with radar vectors.

NOTE: **Rwy 4L,** 97' AGL tree 1368' from departure end of runway, 778' left of centerline. **Rwy 13,** 82' AGL tree 1551' from departure end of runway, 838' left of centerline. **Rwy 22R,** 94' AGL antenna 1173' from departure end of runway, 740' right of centerline.

CAUTION: Unmarked balloon and cable to 15,000 in R-3807. **Rwy 4L,** 209°/51.4 NM, **Rwy 4R,** 209°/51.2. NM. **Rwy 13,** 209°/50.7 NM, **Rwy 31,** 208°/50.9 NM. **Rwy 22L,** 209°/50.6 NM, **Rwy 22R,** 209°/50.3 NM.

BOGALUSA, LA

GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

AMDT 2 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 500-3 or std. with a min. climb of 255' per NM to 800.

NOTE: **Rwy 18,** numerous trees beginning 1463' from DER, 332' left of centerline up to 100' AGL/203' MSL. Numerous trees beginning 1272' from DER 360' right of centerline up to 100' AGL/200' MSL. Water tower 2734' from DER, 1046' left of centerline, 160' AGL/262' MSL. Smoke stack 9654' from DER, 2140' left of centerline, 250' AGL/357' MSL. **Rwy 36,** trees 486' from DER, 459' left of centerline, up to 100' AGL/217' MSL. Building 12' from DER, 305' right of centerline, 10' AGL/130' MSL.

BOONEVILLE/BALDWYN, MS

BOONEVILLE/BALDWYN

NOTE: **Rwy 15,** trees 1250' from departure end of runway, 100' right of centerline, 100' AGL/465' MSL. Trees 3847' from departure end of runway, 127' left of centerline, 100' AGL/519' MSL. **Rwy 33,** road and vehicle 8' from departure end of runway, 188' right of centerline, 15' AGL/394' MSL.

BROOKHAVEN, MS

BROOKHAVEN-LINCOLN COUNTY

TAKE-OFF MINIMUMS: **Rwy 22,** 500-1.

DEPARTURE PROCEDURE: **Rwy 4,** climb runway heading to 900 before turning.

BUNKIE, LA

BUNKIE MUNI (2R6)

ORIG 09127 (FAA)

NOTE: **Rwy 18,** trees 1404' from DER, 506' right of centerline, 50' AGL/109' MSL. Vehicle on road 481' from DER, 28' right of centerline, 15' AGL/74' MSL.

CLARKSDALE, MS

FLETCHER FIELD (CKM)

ORIG 08269 (FAA)

NOTE: **Rwy 18,** building 476' from departure end of runway, 495' right of centerline 168' AGL/215' MSL. Vehicle 995' from departure end of runway, 502' left of centerline, 165' AGL/190' MSL. Trees beginning 5619' from departure end of runway, 630' left of centerline, 158' AGL/273' MSL. **Rwy 36,** trees beginning 2258' from departure end of runway, 220' left of centerline, 100' AGL/274' MSL.

CLEVELAND, MS

CLEVELAND MUNI

TAKE-OFF MINIMUMS: **Rwys 8, 26,** NA.

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 600 before turning.

COLUMBIA, MS

COLUMBIA-MARION COUNTY (0R0)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 23,** climb heading 234° to 800 before turning left.

NOTE: **Rwy 5,** trees beginning 175' from departure end of runway, 414' right of centerline, up to 100' AGL/379' MSL. **Rwy 23,** vehicle on road beginning 133' from departure end of runway, 46' right of centerline, 17' AGL/266' MSL. Tree and house beginning 227' from departure end of runway, 240' right of centerline, up to 100' AGL/349' MSL. Trees beginning 357' from departure end of runway, 273' left of centerline, up to 100' AGL/349' MSL.

COLUMBUS, MS

COLUMBUS-LOWNDES COUNTY

TAKE-OFF MINIMUMS: **Rwy 18,** 300-1 or std. with a min. climb of 350' per NM to 500. **Rwy 36,** 400-1 or std. with a min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 600 before turning.

COLUMBUS AFB (KCBM)

COLUMBUS, MS.....08353

All Rwys: Cross DER at least 35' AGL.

TAKE-OFF OBSTACLES: **Rwy 13C,** Trees 288' MSL/74' AGL 2967' from DER 1010' left of centerline. Trees 288' MSL/74' AGL 3005' from DER, 223' right of centerline. **Rwy 13R,** Ramp lights 273' MSL/69' AGL 2795' from DER, 766' right of centerline. **Rwy 31R,** Taxiing aircraft 199' MSL/ 14' AGL 80' from DER 472' left of centerline.

COLUMBUS/WESTPOINT/STARKVILLE, MS

GOLDEN TRIANGLE RGNL

NOTE: **Rwy 18,** tree 2025' from departure end of runway, 1019' left of centerline, 78' AGL/315' MSL. Tree 108' from departure end of runway, 295' right of centerline, 15' AGL/262' MSL. **Rwy 36,** tree 626' from departure end of runway, 579' right of centerline, 38' AGL/285' MSL. Tree 122' from departure end of runway, 268' left of centerline, 23' AGL/270' MSL. Tree 525' from departure end of runway, 592' right of centerline, 26' AGL/279' MSL.

CORINTH, MS

ROSCOE TURNER (CRX)

ORIG 08045 (FAA)

NOTE: **Rwy 18,** Vehicle on road 207' from departure end of runway, 481' right of centerline, 15' AGL/446' MSL. Trees 305' from departure end of runway, 451' left of centerline, up to 71' AGL/500' MSL. Trees 633' from departure end of runway, 505' right of centerline, up to 79' AGL/520' MSL. **Rwy 36,** Trees 1099' from departure end of runway, 766' right of centerline, up to 86' AGL/480' MSL. Trees 1645' from departure end of runway, 751' left of centerline, up to 86' AGL/480' MSL.

DE RIDDER, LA

BEAUREGARD RGNL (DRI)

AMDT 4 09127 (FAA)

NOTE: **Rwy 14,** trees 1673' from DER, 128' left of centerline, 100' AGL/309' MSL. **Rwy 18,** multiple trees beginning 53' from DER, 222' left of centerline, up to 30' AGL/220' MSL. Multiple trees beginning 152' from DER, 272' right of centerline, up to 73' AGL/263' MSL. **Rwy 32,** multiple trees and bushes beginning 129' from DER, 17' left of centerline, up to 68' AGL/248' MSL. Trees 299' from DER, 190' right of centerline, 26' AGL/216' MSL. **Rwy 36,** pole 563' from DER, 353' left of centerline, 38' AGL/238' MSL. Multiple trees beginning 634' from DER, 1' left of centerline, up to 113' AGL/313' MSL. Multiple trees beginning 557' from DER, 73' right of centerline, up to 99' AGL/299' MSL.

EUNICE, LA

EUNICE

TAKE-OFF MINIMUMS: **Rwy 16,** 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 280' per NM to 2400. **Rwy 34,** 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 220' per NM to 2400.

CAUTION: Unmarked balloon and cable to 15000 in R-3807. **Rwy 16,** 133°/56.1 NM. **Rwy 34,** 132°/55.4 NM.

GALLIANO, LA

SOUTH LAFOURCHE LEONARD MILLER JR (GAO)

ORIG 08269 (FAA)

NOTE: **Rwy 18,** multiple trees beginning 1258' from departure end of runway, 661' left of centerline, up to 45' AGL/56' MSL. Multiple trees beginning 127' from departure end of runway, 275' right of centerline, up to 45' AGL/53' MSL. **Rwy 36,** tree 14' from departure end of runway, 454' right of centerline, up to 35' AGL/45' MSL. Multiple trees beginning 1391' from departure end of runway, 449' right of centerline, up to 55' AGL/86' MSL. Multiple trees beginning 2288' from departure end of runway, 291' left of centerline, up to 55' AGL/97' MSL.

GONZALES, LA

LOUISIANA RGNL

TAKE-OFF MINIMUMS: **Rwy 35,** 400-2 or std. with a min. climb of 220' per NM to 400.

GREENVILLE, MS

MID DELTA RGNL

DEPARTURE PROCEDURE: **Rwys 18L,18R,** climb runway heading to 800 before turning.

NOTE: **Rwy 27,** 64' AGL tree 812' from departure end of runway, 392' left of centerline. 91' AGL tree, 2027' from departure end of runway, 460' right of centerline.

GREENWOOD, MS

GREENWOOD-LE FLORE

TAKE-OFF MINIMUMS: **Rwy 5,** 400-1 or std. with a min. climb of 270' per NM to 400.

GRENADA, MS

GRENADA MUNI

DEPARTURE PROCEDURE: **Rwys 4, 31,** climb to 700 before turning on course. **Rwys 13, 22,** climb to 800 before turning on course.

GULFPORT, MS

GULFPORT-BILOXI INTL (GPT)

AMDT 6 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36,** 300-1¼ or std. with a min. climb of 292' per NM to 300.

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 013° to 700 before proceeding on course.

NOTE: **Rwy 14,** tree 1931' from DER, 627' left of centerline, 71' AGL/90' MSL. Pole 3354' from DER, 1068' right of centerline, 85' AGL/115' MSL. **Rwy 18,** trees beginning 924' from DER, 354' right of centerline, up to 84' AGL/98' MSL. Trees beginning 1383' from DER, 165' left of centerline, up to 52' AGL/71' MSL. Antenna 5411' from DER, 1579' left of centerline, 165' AGL/172' MSL. **Rwy 32,** trees beginning 1586' from DER, left and right of centerline, up to 79' AGL/93' MSL. **Rwy 36,** trees beginning 1391' from DER, 327' right of centerline, up to 82' AGL/96' MSL. Trees beginning 1593' from DER, 348' left of centerline, up to 82' AGL/96' MSL. Crane 4592' from DER, 2673' right of centerline, 142' AGL/151' MSL.

HAMMOND, LA

HAMMOND NORTHSHORE RGNL

TAKE-OFF MINIMUMS: **Rwy 31,** 600-2 or std. with a min. climb rate of 210' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 31,** climb runway heading to 800 prior to turning west.

HATTIESBURG, MS

HATTIESBURG BOBBY L. CHAIN MUNI (HBG)

AMDT 1 09015 (FAA)

DEPARTURE PROCEDURE: **Rwy 31,** climb heading 309° to 900 before turning west.

NOTE: **Rwy 13,** numerous trees beginning 1184' from departure end of runway, 26' left of centerline, up to 111' AGL/251' MSL. Multiple trees beginning 2023' from departure end of runway, 49' right of centerline, up to 89' AGL/229'. **Rwy 31,** numerous trees beginning 189' from departure end of runway, 111' left of centerline, up to 103' AGL/253' MSL. Multiple trees beginning 894' from departure end of runway, 69' right of centerline, up to 84' AGL/234' MSL.

HATTIESBURG/LAUREL, MS

HATTIESBURG-LAUREL RGNL

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 1000 before turning east.

NOTE: **Rwy 36,** 86' AGL tree 2117' from departure end of runway, 911' left of centerline.

HOLLY SPRINGS, MS

HOLLY SPRINGS-MARSHALL COUNTY

DEPARTURE PROCEDURE: **Rwy 36,** climb runway heading to 800 before turning left.

HOMER, LA

HOMER MUNI (5F4)

ORIG 08157 (FAA)

NOTE: **Rwy 12,** road and vehicle 69' from departure end of runway, 280' left of centerline, 15' AGL/234' MSL, trees beginning 282' from departure end of runway, 419' right of centerline, up to 100' AGL/349' MSL. **Rwy 30,** trees beginning 443' from departure end of runway, 309' left of centerline, up to 100' AGL/319' MSL, road and vehicle 603' from departure end of runway, 217' right of centerline, 15' AGL/274' MSL, trees beginning 1180' from departure end of runway, 140' right of centerline, up to 100' AGL/359' MSL.

HOUMA, LA

HOUMA-TERREBONNE (HUM)

AMDT 5 09183 (FAA)

DEPARTURE PROCEDURE: **Rwy 30,** climb heading 304° to 600 before proceeding on course.

NOTE: **Rwy 12,** trees and equipment building beginning 86' from DER, 254' left of centerline, up to 40' AGL/44' MSL. Ground and tree beginning 220' from DER, 202' right of centerline, up to 29' AGL/33' MSL. **Rwy 18,** trees and poles beginning 923' from DER, 238' left of centerline, up to 100' AGL/109' MSL. Trees beginning 249' from DER, 345' right of centerline, up to 60' AGL/64' MSL. **Rwy 30,** trees beginning 802' from DER, 93' left of centerline, up to 60' AGL/64' MSL. Poles and road beginning 527' from DER, 427' right of centerline, up to 38' AGL/42' MSL. **Rwy 36,** antenna 1589' from DER, 882' left of centerline, 63' AGL/72' MSL. Trees beginning 2894' from DER, 971' right of centerline, up to 100' AGL/109' MSL.

INDIANOLA, MS

INDIANOLA MUNI

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 2200 before turning east. **Rwy 35,** climb runway heading to 700 before turning east.

JACKSON, MS

HAWKINS FIELD

TAKE-OFF MINIMUMS: **Rwy 16,** 300-1.

DEPARTURE PROCEDURE: **Rwys 11, 34,** climb runway heading to 800 before making turn. **Rwy 16,** climb runway heading to 1300 before making right turn. **Rwy 29,** climb runway heading to 1200 before making left turn.

JACKSON-EVERS INTL

TAKE-OFF MINIMUMS: **Rwy 16R,** 300-1 or std. with a min. climb of 280' per NM to 700.

JENNINGS, LA

JENNINGS

TAKE-OFF MINIMUMS: **Rwy 13**, 300-1 or std. with a min climb of 352' per NM to 300. **Rwys 17, 35,** NA.

NOTE: **Rwy 8,** multiple poles 1080' from departure end of runway, 260' left of centerline, 40' AGL/62' MSL. **Rwy 13,** tank 3428' from departure end of runway, 1072' right of centerline, 156' AGL/181' MSL. **Rwy 26,** trees 1080' from departure end of runway, 45' AGL/55' MSL. **Rwy 31,** fence 140' from departure end of runway, 15' AGL/32' MSL.

KEESLER AFB (KBIX)

BILOXI, MS 09211

TAKE-OFF OBSTACLES: **Rwy 3:** Trees 977' from DER, 764' right of centerline, 62' AGL/70' MSL. Terrain 222' right of centerline, 19' MSL. **Rwy 21:** Trees 1903' from DER, 669' right of centerline, 71' AGL/102' MSL. Trees 1803' from DER, 658' left of centerline, 43' AGL/70' MSL. Multiple power poles 2670' from DER, 893' left of centerline, 65' AGL/109' MSL. Multiple power poles 3514' from DER, 119' right of centerline, 65' AGL/115' MSL Terrain 6' from DER, 500' left of centerline 23' MSL.

KOSCIUSKO, MS

KOSCIUSKO-ATTALA COUNTY

NOTE: **Rwy 14,** trees 1054' from departure end of runway, 503' left of centerline, 100' AGL/559' MSL. Trees 1172' from departure end of runway, 555' right of centerline, 100' AGL/559' MSL. Terrain 18' from depature end of runway, 91' right of centerline, 473' MSL. Terrain 68' from departure end of runway, 485' right of centerline, 473' MSL. **Rwy 32,** trees 1676' from departure end of runway, 288' right of centerline, 100' AGL/619' MSL. Trees 1341' from departure end of runway, 231' left of centerline, 100' AGL/609' MSL. Terrain 129' from departure end of runway, 139' right of centerline, 502' MSL. Terrain 182' from departure end of runway, 532' right of centerline, 493' MSL. Terrain 352' from departure end of runway, 344' right of centerline, 496' MSL. Terrain 79' from departure end of runway, 254' left of centerline, 486' MSL. Terrain 525' from departure end of runway, 156' right of centerline, 496' MSL. Terrain 302' from departure end of runway, 49' left of centerline, 489' MSL.

LAFAYETTE, LA

LAFAYETTE RGNL (LFT)

AMDT 1A 08325 (FAA)

TAKE-OFF MINIMUMS: **CAUTION:** Unmarked balloon and cable to 15000' MSL in R-3807. **Rwy 4L,** 141/29NM, **Rwy 4R,** 140/28.8 NM, **Rwy 11,** 141/29.5 NM, **Rwy 22L,** 143/29.2 NM, **Rwy 22R,** 142/29.2 NM, **Rwy 29,** 142/28.8 NM.

NOTE: **Rwy 4L,** fence beginning 2506' from departure end of runway, 682' left of centerline, up to 121' AGL/163' MSL. Multiple trees beginning 671' from departure end of runway, 307' left of centerline, up to 57' AGL/87' MSL.Obstruction light on windsock 155' from departure end of runway, 251' right of centerline, 38' AGL/58' MSL. **Rwy 4R,** multiple trees beginning 776' from departure end of runway, 111' left of centerline, up to 60' AGL/79' MSL. Multiple trees beginning 29' from departure end of runway, 269' right of centerline, up to 84' AGL/103' MSL. **Rwy 11,** multiple trees beginning 553' from departure end of runway 128' left of centerline, up to 81' AGL/91' MSL. Multiple trees beginning 523' from departure end of runway, 28' right of centerline, 72' AGL/82' MSL. **Rwy 22L,** multiple trees beginning 2392' from departure end of runway, 4' left of centerline, up to 75' AGL/114' MSL. Multiple trees beginning 1853' from departure end of runway, 247' right of centerline, up to 96' AGL/135' MSL. **Rwy 22R,** tower 2545' from departure end of runway, 26' left of centerline, 104' AGL/142' MSL. Multiple trees, buildings, obstruction lights and antenna beginning 153' from departure end of runway, 270' right of centerline, up to103' AGL/142' MSL. **Rwy 29,** multiple trees, towers and pole beginning 925' from departure end of runway, 5' left of centerline, up to 110' AGL/150' MSL. Multiple trees, towers, poles and obstruction light on antenna beginning 99' from departure end of runway, 70' right of centerline, up to 130' AGL/165' MSL.

LAKE PROVIDENCE, LA

BYERLEY

NOTE: **Rwy 17,** tower 4466' from departure end of runway, 1602' right of centerline, 150' AGL/257' MSL.

LAUREL, MS

HESLER-NOBLE FIELD

DEPARTURE PROCEDURE: **Rwy 13,** climb runway heading to 500 before turning.

LEXINGTON, MS

C. A. MOORE

DEPARTURE PROCEDURE: **Rwy 19,** climb runway heading to 1000 before turning.

LOUISVILLE, MS

LOUISVILLE- WINSTON COUNTY (LMS)

AMDT 2A 08325 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 500-2¼ or std. with a min. climb of 400' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170° to 1100 before turning left.

NOTE: **Rwy 17,** tower 1.7 NM from departure end of runway, 2209 left of centerline, 410' AGL/950' MSL.

MADISON, MS

BRUCE CAMPBELL FIELD

TAKE-OFF MINIMUMS: **Rwy 35,** 200-1.

MANY, LA

HART (3R4)

ORIG-A 08185 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12**, 600-3 or std. with a min. climb of 250' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 12**, climb heading 117° to 1100 before proceeding on course.

NOTE: **Rwy 12,** trees beginning 1' from departure end of runway, 594' left to 598' right of centerline, up to 100' AGL/385' MSL. Powerline/poles beginning 1198' from departure end of runway, 309' right of centerline, up to 58' AGL/354' MSL. **Rwy 30,** trees beginning 74' from departure end of runway, 781' left to 509' right of centerline, up to 100' AGL/391' MSL. Powerline/pole 484' from departure end of runway, 318' right of centerline, 62' AGL/358' MSL.

MARKS, MS

SELFS

DEPARTURE PROCEDURE: **Rwy 2,** climb runway heading to 700 before turning right.

MCCOMB, MS

MCCOMB/PIKE COUNTY/JOHN E. LEWIS FIELD (MCB)

ORIG 09183 (FAA)

NOTE: **Rwy 15,** trees beginning 89' from departure end of runway, 91' right of centerline, up to 100' AGL/509' MSL. Trees beginning 476' from departure end of runway, 83' left of centerline, up to 100' AGL/475' MSL. **Rwy 33,** tree 1440' from departure end of runway, 49' left of centerline, 59' AGL/488' MSL.

MERIDIAN, MS

KEY FIELD

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1 or std. w/ a min. climb of 290' per NM to 600. **Rwy 22,** 300-1½ or std. w/ a min. climb of 280' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 4,** climb via heading 043° to 1100 before turning south.

NOTE: **Rwy 1,** antenna, vent on tank, and numerous trees beginning 323' from departure end of runway, 98' right of centerline, up to 100' AGL/463' MSL. Interstate road and numerous trees beginning 1196' from departure end of runway, 1' left of centerline, up to 100' AGL/403' MSL. **Rwy 4,** stack, tree and numerous light poles beginning 406' from departure end of runway, 278' right of centerline, up to 133' AGL/433' MSL. Fence, railing on tank, and light pole beginning 34' from departure end of runway, 253' left of centerline, up to 35' AGL/330' MSL. **Rwy 19,** antenna and tree beginning 482' from departure end of runway, 570' left of centerline, up to 100' AGL/395' MSL. Tree 1894' from departure end of runway, 934' right of centerline, 100' AGL/380' MSL. **Rwy 22,** numerous trees beginning 1621' from departure end of runway, 304' right of centerline, up to 100' AGL/529' MSL. Numerous trees beginning 2479' from departure end of runway, 30' left of centerline, up to 100' AGL/457' MSL.

MERIDIAN NAS (MC CAIN FIELD) (KNMM)

MERIDIAN, MS 09295

Rwy 1R, 600-1½*

Rwy 19R, 600-2**

* Or standard with a minimum civil climb of 215 ft/NM to 600, minimum military climb of 210 ft/NM to 600.

** Or standard with minimum climb of 210 ft/NM to 600.

TAKE-OFF OBSTACLES: **Rwy 1R:** Multiple trees 95' AGL/399' MSL, 2708' from DER, 1137' left of centerline. Multiple trees 95' AGL/399' MSL, 3147' from DER, 950' left of centerline. Multiple trees 75' AGL/474' MSL, 6025' from DER, 2057' left of centerline. Multiple trees 75' AGL/499' MSL, 6896' from DER, 2315' left of centerline. **Rwy 19L:** Trees 95' AGL/414' MSL, 4831' from DER, 875' left of centerline. **Rwy 19R:** Trees 100' AGL/499' MSL, 9429' from DER, 1203' right of centerline. **Rwy 10:** Terrain 399' MSL, 1344' from DER, 253' right of centerline. Multiple trees 90' AGL/399' MSL, 3235' from DER, 371' right of centerline. Multiple trees 85' AGL/424' MSL, 3692' from DER, 458' left of centerline.

MONROE, LA

MONROE RGNL

DEPARTURE PROCEDURE: **Rwy 22,** climb via heading 222° to 900 before turning west. **Rwy 32,** climb via heading 317° to 900 before turning west. **Rwy 36,** climb via heading 357° to 900 before turning west.

NOTE: **Rwy 4,** tree 3535' from departure end of runway, 1136' left of centerline, 98' AGL/177' MSL. Tree 995' from departure end of runway, 726' left of centerline, 66' AGL/142' MSL. Tree 2423' from departure end of runway, 903' right of centerline, 65' AGL/141' MSL. Tree 1765' from departure end of runway, 773' right of centerline, 44' AGL/120' MSL. **Rwy 14,** tree 1409' from departure end of runway, 770' left of centerline, 96' AGL/162' MSL. **Rwy 18,** tree 1614' from departure end of runway, 242' right of centerline, 68' AGL/137' MSL. Tree 1649' from departure end of runway, 45' right of centerline, 71' AGL/140' MSL. Tree 1659' from departure end of runway, 112' left of centerline, 77' AGL/146' MSL. Tree 1696' from departure end of runway, 619' left of centerline, 72' AGL/138' MSL. Tree 2149' from departure end of runway, 102' right of centerline, 76' AGL/145' MSL. **Rwy 22,** sign 99' from departure end of runway 459' right of centerline, 14' AGL/83' MSL. Tree 2613' from departure end of runway, 1052' right of centerline, 104' AGL/170' MSL. **Rwy 32,** tree 2361' from departure end of runway, 7' left of centerline, 77' AGL/160' MSL. Tree 1781' from departure end of runway, 342' right of centerline, 66' AGL/149' MSL. Tree 1709' from departure end of runway, 302' right of centerline, 78' AGL/161' MSL. Tree 2103' from departure end of runway, 325' left of centerline, 73' AGL/156' MSL. Light pole 384' from departure end of runway, 491' left of centerline, 18' AGL/97' MSL. **Rwy 36,** antenna 3728' from departure end of runway, 599' right of centerline, 107' AGL/190' MSL. Tower 3526' from departure end of runway, 478' right of centerline, 100' AGL/179' MSL. Tree 2756' from deprture end of runway, 129' right of centerline, 68' AGL/151' MSL.

NATCHEZ, MS

HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

ORIG 07354 (FAA)

NOTE: **Rwy 13,** multiple trees beginning 1445' from departure end of runway, 226' left of centerline, up to 101' AGL/380' MSL. Multiple trees beginning 17' from departure end of runway, 301' right of centerline, up to 99' AGL/334' MSL. **Rwy 18,** multiple trees beginning 1060' from departure end of runway, 162' left of centerline, up to 93' AGL/372' MSL. Multiple trees beginning 788' from departure end of runway, 374' right of centerline, up to 90' AGL/369' MSL. **Rwy 31,** multiple trees beginning 1320' from departure end of runway, 736' left of centerline, up to 105' AGL/364' MSL. Trees 2129' from departure end of runway, 813' right of centerline, 81' AGL/340' MSL. **Rwy 36,** multiple trees beginning 935' from departure end of runway, 327' left of centerline, up to 47' AGL/306' MSL. Trees 473' from departure end of runway, 517' right of centerline, 79' AGL/338' MSL.

NATCHITOCHES, LA

NATCHITOCHES RGNL (IER)
AMDT 6 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwy 25**, 300-1¾ or std. with a min. climb of 336' per NM to 600.

NOTE: **Rwy 17,** building, pole, and trees beginning 90' from DER, 359' right of centerline, up to 83' AGL/204' MSL. **Rwy 25,** tower 1.29 NM from DER, 633' right of centerline, 205' AGL/385' MSL. **Rwy 35,** light pole 1975' from DER, 418' right of centerline, 75' AGL/180' MSL. Trees beginning 1007' from DER, 311' right of centerline, up to 72' AGL/188' MSL.

NEW ALBANY, MS

NEW ALBANY-UNION COUNTY

TAKE-OFF MINIMUMS: **Rwy 18,** std. w/ min. climb of 245' per NM to 900, or 500-2¼ w/ min. climb of 207' per NM to 1000, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway, or 800-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18,** for climb in visual conditions: Cross New Albany-Union County airport at or above 1100 before proceeding on course.

NOTE: **Rwy 18,** multiple trees beginning 146' from departure end of runway, 158' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 387' from departure end of runway, 565' right of centerline, up to 100' AGL/499' MSL. **Rwy 36,** multiple trees beginning 467' from departure end of runway, 524' left of centerline, up to 100' AGL/499' MSL. Multiple trees beginning 2000' from departure end of runway, on centerline, up to 100' AGL/546' MSL.

NEW IBERIA, LA

ACADIANA RGNL

TAKE-OFF MINIMUMS: CAUTION: Unmarked balloon and cable up to 15000' in R-3807. **Rwy 16,** 138/17.2 NM. **Rwy 34,** 136/17.2 NM.

NOTE: **Rwy 16,** trees 41' from departure end of runway, 497' right of centerline, 12' AGL/32' MSL.

NEW ORLEANS, LA

LAKEFRONT

DEPARTURE PROCEDURE: **Rwys 18L/R,** climb to 1500 before turning left or comply with RADAR vectors. **Rwy 9,** climb to 1500 before turning right, or comply with RADAR vectors.

NEW ORLEANS, LA (CON'T)

LOUIS ARMSTRONG NEW ORLEANS INTL

NOTE: **Rwy1,** multiple vehicles on roads beginning 3' from departure end of runway, 437' right of centerline, up to 26' AGL/28' MSL. Multiple trees beginning 493' from departure end of runway, 542' right of centerline, up to 38' AGL/40' MSL. Multiple poles beginning 831' from departure end of runway, 583' left of centerline, up to 34' AGL/36' MSL. Multiple signs beginning 906' from departure end of runway, 235' right of centerline, up to 49' AGL/51' MSL. Multiple buildings beginning 1369' from departure end of runway, 679' right of centerline, up to 48' AGL/50' MSL. Multiple trees beginning 1555' from departure end of runway, 574' left of centerline up to 45'AGL/47' MSL. Antenna 1888' from departure end of runway, 692' right of centerline, 49' AGL/51' MSL. Obstruction light 1822' from departure end of runway, 834' right of centerline, 64' AGL/66' MSL. Crane 2412' from departure end of runway, 487' left of centerline, 81' AGL/83' MSL. **Rwy 6,** multiple trees beginning 727' from departure end of runway, 314' right of centerline, up to 62' AGL/63' MSL. Multiple trees beginning 1883' from departure end of runway, 717' left of centerline, up to 58' AGL/59' MSL. Building 2887' from departure end of runway, 553' right of centerline, 105' AGL/105' MSL. **Rwy 10,** obstruction light 623' from departure end of runway, 620' right of centerline, 21'AGL/25' MSL. Pole 936' from departure end of runway, 663' right of centerline, 25' AGL/29' MSL. Multiple trees beginning 1051' from departure end of runway, 37' left of centerline, up to 96' AGL/100' MSL. Multiple trees beginnig 1919' from departure end of runway, 157' right of centerline, up to 81' AGL/85' MSL. **Rwy 19,** vehicle on road 201' from departure end of runway, 458' left of centerline, 29' AGL/30' MSL. Sign 708' from departure end of runway, 688' left of centerline, 38' AGL/39' MSL. Rod on building 664' from departure end of runway, 249' left of centerline, 23' AGL/24' MSL. Pole 1124' from departure end of runway, 635' left of centerline, 31' AGL/32' MSL. Multiple poles beginning 1358' from departure end of runway, 420' right of centerline, up to 46' AGL/47' MSL. Tree 2057' from departure end of runway, 881' left of centerline, 67' AGL/68' MSL. Multiple trees beginning 2604' from departure end of runway, 622' right of centerline, up to 85' AGL/86' MSL. Ship 4166' from departure end of runway, on centerline, 152' AGL/153' MSL. **Rwy 24,** obstruction light 2973' from departure end of runway, 415' left of centerline, 89' AGL/89' MSL. **Rwy 28,** tree 1265' from departure end of runway, 748' left of centerline, 58' AGL/59' MSL. Multiple trees beginning 1541' from departure end of runway, 550' right of centerline, up to 65' AGL/66' MSL.

NEW ORLEANS NAS JRB(ALVIN CALLENDER FLD) (KNBG)

NEW ORLEANS, LA. 09239

DEPARTURE PROCEDURE: **Rwy 4,** Diverse departures authorized 044° CW 224°. Right turn to departure heading only. **Rwy 22,** Diverse departures authorized 044° CW 314°. **Rwy 32,** Diverse departures authorized 140° CW 320° left turn to departure heading only.

TAKE-OFF OBSTACLES: **Rwy 4:** Building 304' from DER, 568' right of centerline, 39' AGL/38' MSL. **Rwy 14:** Trees 729' from DER, 246' right of centerline, 33' AGL/32' MSL. Crane 3808' from DER, 1061' right of centerline, 181' AGL/180' MSL. Mississippi River shipping channel, starting 6042' from DER, vessels up to 180' MSL. **Rwy 32:** Intercoastal waterway shipping channel, starting 5859' from DER, vessels up to 160' MSL. Crane 6091' from DER, 1317' right of centerline, 172' MSL.

NEW ROADS, LA

FALSE RIVER RGNL (HZR)

ORIG 08157 (FAA)

NOTE: **Rwy 36,** fence 97' from departure end of runway, 248' right of centerline, 5' AGL/44' MSL. Pole 1263' from departure end of runway, 215' left of centerline, 45' AGL/84' MSL. Trees beginning 1268' from departure end of runway, 127' right of centerline, up to 110' AGL/159' MSL. Trees beginning 2436' from departure end of runway, 26' left of centerline, up to 127' AGL/176' MSL. **Rwy 18,** road beginning 86' from departure end of runway, 398' right of centerline, up to 15' AGL/49' MSL. Fence 220' from departure end of runway, 362' right of centerline, 6' AGL/39' MSL.

OAKDALE, LA

ALLEN PARISH

NOTE: **Rwy 18,** trees 400' from departure end of runway, 260' left of centerline, 30' AGL/134' MSL. **Rwy 36,** trees 1300' from departure end of runway, on centerline, 50' AGL/159' MSL.

OKOLONA, MS

OKOLONA MUNI-RICHARD STOVALL FIELD

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 800 before turning westbound.

OLIVE BRANCH, MS

OLIVE BRANCH

TAKE-OFF MINIMUMS: **Rwy 18,** 400-1 or std. with a min. climb of 350' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 18,** climb runway heading to 800 before turning east.

OPELOUSAS, LA

ST. LANDRY PARISH-AHART FIELD

TAKE-OFF MINIMUMS: **Rwy 18,** 200-1 or std. with a min. climb of 236' per NM to 400.

NOTE: **Rwy 18,** tower 6060' from departure end of runway, 896' left of centerline, 209' AGL/270' MSL.

OXFORD, MS

UNIVERSITY-OXFORD

TAKE-OFF MINIMUMS: **Rwy 9,** 300-1 or std. with a min. climb of 400' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 9,** climb runway heading to 900 before turning.

PASCAGOULA, MS

TRENT LOTT INTL

TAKE-OFF MINIMUMS: **Rwy 17,** 200-1¼ or std. w/ min. climb of 226' per NM to 400, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1600' prior to departure end of runway.

NOTE: **Rwy 17,** multiple trees beginning 1622' from departure end of runway, 46' left of centerline, up to 58' AGL/67' MSL. Tree 2298' from departure end of runway, 77' right of centerline, 71' AGL/80' MSL. Transmission tower 3912' from departure end of runway, 1412' left of centerline, 112' AGL/121' MSL. Obstruction light on sign 5396' from departure end of runway, 1137' right of centerline, 159' AGL/170' MSL. **Rwy 35,** tree 2998' from departure end of runway, 1163' right of centerline, 79' AGL/93' MSL.

PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL

TAKE-OFF MINIMUMS: **CAUTION:** unmarked balloon and cable to 15000 in R-3807. **Rwy 6,** 290°/17.6 NM. **Rwy 24,** 287°/18.2 NM.

NOTE: **Rwy 24,** tree 1262' from departure end of runway, 452' right of centerline, 95' AGL/102' MSL.

PHILADELPHIA, MS

PHILADELPHIA MUNI (MPE)

AMDT 2 09295

NOTE: **Rwy 18,** trees beginning 35' from DER, 58' left of centerline and 276' right of centerline, up to 100' AGL/585' MSL. **Rwy 36,** trees beginning 184' from DER, 370' right of centerline, up to 75' AGL/494' MSL. Trees beginning 2500' from DER, 51' right of centerline 136' AGL/535' MSL.

PICAYUNE, MS

PICAYUNE MUNI (MJD)

ORIG 08269 (FAA)

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 359° to 800 before proceeding on course.

NOTE: **Rwy 18,** trees and bushes beginning 76' from departure end of runway, 18' left of centerline, up to 20' AGL/69' MSL. Trees and bushes beginning 211' from departure end of runway, 182' right of centerline, up to 28' AGL/77' MSL. **Rwy 36,** pole, trees, and bushes beginning 969' from departure end of runway, 183' left of centerline, up to 94' AGL/144' MSL. Pole, bush, and trees beginning 63' from departure end of runway, 74' right of centerline, up to 97' AGL/143' MSL.

PRENTISS, MS

PRENTISS-JEFFERSON DAVIS COUNTY (M43)

ORIG 08269 (FAA)

NOTE: **Rwy 12,** poles and trees beginning 168' from departure end of runway, 256' left of centerline, up to 85' AGL/544' MSL. Trees beginning 231' from departure end of runway, 264' right of centerline, up to 72' AGL/511' MSL. **Rwy 30,** vehicle on road and trees beginning 91' from departure end of runway, 110' left of centerline, up to 64' AGL/513' MSL. Trees beginning 673' from departure end of runway, 360' right of centerline, up to 81' AGL/530' MSL.

RAYMOND, MS

JOHN BELL WILLIAMS (M16)

AMDT 3 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12,** std. with a min. climb of 240' per NM to 2600, or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 12,** climb via heading 121° to 2600 before proceeding on course, or for climb in visual conditions, cross John Bell Williams airport at or above 2400 before proceeding on course. **Rwy 30,** climb via heading 301° to 2000 before proceeding on course.

NOTE: **Rwy 12,** trees beginning 226' from departure end of runway, 359' right of centerline, up to 100' AGL/359' MSL. Trees beginning 641' from departure end of runway, 432' left of centerline, up to 100' AGL/359' MSL. Trees left and right of centerline beginning 1259' from departure end of runway, up to 100' AGL/359' MSL. **Rwy 30,** pole 1523' from departure end of runway, 534' right of centerline, 57' AGL/287' MSL.

RAYVILLE, LA

JOHN H HOOKS JR MEMORIAL (M79)

ORIG 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27,** NA-Environmental.

NOTE: **Rwy 18,** building 104' from DER, 364' right of centerline, 22' AGL/101' MSL. Trees beginning 442' from DER, 230' left of centerline, up to 100' AGL/174' MSL. Trees beginning 1874' from DER, 972' right of centerline, up to 100' AGL/146' MSL. **Rwy 36,** trees beginning 20' from DER, 328' right of centerline, up to 100' AGL/156' MSL. Trees beginning 900' from DER, 300' left of centerline, up to 100' AGL/156' MSL. Trees beginning 1973' from DER, from left to right of centerline, up to 100' AGL/178' MSL.

RESERVE, LA

ST JOHN THE BAPTIST PARISH (1L0)

ORIG 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 300-1¾ or std. w/ min. climb of 230' per NM to 400.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170° to 1400 before turning right.

NOTE: **Rwy 17,** Tower 2012' from DER, 648' right of centerline, 115' AGL/124' MSL. Tower 2116' from DER, 783' right of centerline, 104' AGL/115' MSL. Elevator 1.5 NM from DER, 117' right of centerline, 250' AGL/265' MSL. **Rwy 35,** trees beginning 1' from DER, 401' left of centerline, up to 100' AGL/104' MSL. Trees beginning 1503' from DER, 705' left of centerline, up to 88' AGL/92' MSL. Trees beginning 1' from DER, 404' right of centerline, up to 100' AGL/104' MSL. Trees beginning 194' from DER, 62' right of centerline, up to 87' AGL/91' MSL.

RIPLEY, MS

RIPLEY

TAKE-OFF MINIMUMS: **Rwy 3,** 300-1¾ or std. w/ min. climb of 233' per NM to 800, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2100' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 21,** climb heading 213° to 1100 before turning left.

NOTE: **Rwy 3,** multiple trees beginning 774' from departure end of runway, 189' left of centerline, up to 100' AGL/569' MSL. Multiple trees beginning 1485' from departure end of runway, 331' left of centerline, up to 100' AGL/576' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 1852' right of centerline, up to 100' AGL/689' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 9' left of centerline, up to 100' AGL/669' MSL. Multiple trees beginning 1.4 NM from departure end of runway, 2100' right of centerline, up to 100' AGL/699' MSL. **Rwy 21,** multiple trees beginning 198' from departure end of runway, 189' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 333' from departure end of runway, 307' right of centerline, up to 100' AGL/519' MSL.

SHREVEPORT, LA

SHREVEPORT DOWNTOWN

DEPARTURE PROCEDURE: **Rwys 5,14,23**, maintain runway heading until 600 prior to turning.

SHREVEPORT RGNL

TAKE-OFF MINIMUMS: **Rwy 5,** std. w/ a min. climb of 233' per NM to 900 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** for climb in visual conditions cross Shreveport Rgnl Airport at or above 1000 before proceeding on course.

NOTE: **Rwy 5,** multiple trees beginning 1711' from departure end of runway, 435' right of centerline, up to 80' AGL/299' MSL. Tree 1985' from departure end of runway, 475' left of centerline, 60' AGL/279' MSL. **Rwy 23,** terrain 110' from departure end of runway, 471' right of centerline, 240' MSL. Multiple trees beginning 3685' from departure end of runway, 319' right of centerline, up to 80' AGL/344' MSL. Multiple trees beginning 2123' from departure end of runway, 187' left of centerline, up to 97' AGL/357' MSL. **Rwy 14,** multiple poles, antennas, and trees beginning 458' from departure end of runway, 205' right of centerline, up to 32' AGL/254' MSL. Multiple poles, trees, and railroad beginning 886' from departure end of runway, 9' left of centerline, up to 100' AGL/346' MSL.

STARKVILLE, MS

GEORGE M. BRYAN

NOTE: **Rwy 18,** multiple trees beginning 52' from departure end of runway,395' right of centerline up to 79' AGL/378' MSL. Trees 1037' from departure end of runway, 463' left of centerline, 45' AGL/365' MSL. Tower 5406' from departure end of runway, 402' left of centerline, 165' AGL/464' MSL. **Rwy 36,** windsock and trees beginning 24' from departure end of runway, 340' right of centerline up to 110' AGL/429' MSL. Trees 170' from departure end of runway, 323' left of centerline, 67' AGL/376' MSL.

STARKVILLE, MS (CON'T)

OKITIBBEHA (M51)
ORIG 09267 (FAA)

NOTE: **Rwy 13,** trees 117' from DER, 199' right of centerline, up to 100' AGL/359' MSL. Trees 207' from DER, 103' left of centerline, up to 100' AGL/359' MSL. Vehicle on road 28' from DER, on centerline, 15' AGL/265' MSL. **Rwy 18,** trees beginning 76' from DER, left and right of centerline, up to 100' AGL/379' MSL. **Rwy 31,** trees beginning 123' from DER, 372' left of centerline, up to 100' AGL/369' MSL. Trees beginning 378' from DER, right and left of centerline, up to 100' AGL/369' MSL.
Rwy 36, trees beginning 242' from DER, 466' right of centerline, up to 100' AGL/359' MSL. Trees beginning 1190' from DER, left and right of centerline, up to 100' AGL/349' MSL.

SULPHUR, LA

SOUTHLAND FIELD (UXL)
ORIG 09071 (FAA)

NOTE: **Rwy 15,** numerous trees and poles beginning 200' from DER, left and right of centerline, up to 63' AGL/72' MSL. Tree 862' from DER, 494' right of centerline, 100' AGL/114' MSL. **Rwy 33,** numerous trees and poles beginning 64' from DER, left and right of centerline, up to 38' AGL/47' MSL. Tree 1849' from DER, 647' left of centerline, 100' AGL/114' MSL.

TALLULAH, LA

VICKSBURG TALLULAH RGNL

NOTE: **Rwys 18, 36** cross departure end of runway at or above 35' AGL/121' MSL. **Rwy 18,** tree 1610' from departure end of runway, 922' left of centerline, 120' AGL/203' MSL.

TUNICA, MS

TUNICA MUNI (UTA)
AMDT 1 09267 (FAA)

NOTE: **Rwy 17,** trees beginning 523' from DER, 365' left of centerline, 100' AGL/294' MSL, trees beginning 913' from DER, 183' right of centerline, 100' AGL/294' MSL. **Rwy 35,** trees beginning 1211' from DER, 803' right of centerline, 79' AGL/267' MSL.

VICKSBURG, MS

VICKSBURG MUNI

TAKE-OFF MINIMUMS: **Rwy 1,** 600-2¾ or std. w/ min. climb of 354' per NM to 900. **Rwy 19,** 300-2 or std. w/ a min. climb of 224' per NM to 500, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 1,** trees beginning 1032' from departure end of runway, 316' left of centerline, up to 100' AGL/199' MSL. Stack 2.21 NM from departure end of runway, 2838' left of centerline, 594' AGL/699' MSL. Trees beginning 6387' from departure end of runway, 2174' right of centerline, up to 100' AGL/319' MSL. **Rwy 19,** tower 1.6 NM from departure end of runway, 2749' right of centerline, 108' AGL/366' MSL.

VIVIAN, LA

VIVIAN (3F4)
AMDT 2 09099 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9,** 200-1¼ or std. w/ min. climb of 303' per NM to 600. **Rwy 27,** 300-2 or std. w/ min. climb of 203' per NM to 600, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 088° to 1900 before turning left. **Rwy 27,** climb heading 268° to 1900 before turning right.

NOTE: **Rwy 9,** tower 2476' from DER, 803' left of centerline, 100' AGL/360' MSL. Tank 1 NM from DER, 375' left of centerline, 162' AGL/432' MSL. Vehicle and road, crossing southwest to northeast beginning 1271' from DER, 645' right of centerline, 15' AGL/294' MSL. **Rwy 27,** vehicle and road 204' from DER, 495' right of centerline, 15' AGL/274' MSL.

WEST POINT, MS

MCCHAREN FIELD

TAKE-OFF MINIMUMS: **Rwy 36,** 400-1 ¾ or std. with a min. climb of 360' per NM to 800.

NOTE: **Rwy 18,** numerous trees beginning 1' from departure end of runway, 250' left of centerline, up to 100' AGL/309' MSL. Terrain beginning 146' from departure end of runway, 22' left of centerline, up to 207' MSL. Fence 200' from departure end of runway, on centerline, up to 4' AGL/213' MSL. Terrain 151' from departure end of runway, 232' right of centerline, 207' MSL. Numerous trees beginning 913' from departure end of runway, 744' right of centerline, up to 100' AGL/279' MSL. Vehicle on road 268' from departure end of runway, on centerline, 10' AGL/219' MSL. **Rwy 36,** railroad track beginning 50' from departure end of runway, on centerline, 23'AGL/232'MSL. Terrain 243' from departure end of runway, 262' left of centerline, 214'MSL. Numerous trees beginning 1287' from departure end of runway, 299' left of centerline, up to 100' AGL/349' MSL. Tree 2016' from departure end of runway, 138' right of centerline, 100' AGL/319' MSL. Tower 1.4 NM from departure end of runway, 1398' right of centerline, 348' AGL/587' MSL. Tower 1.5 NM from departure end of runway, 1365' right of centerline, 305' AGL/547' MSL.

WINNFIELD, LA

DAVID G. JOYCE (0R5)
ORIG 09351 (FAA)

NOTE: **Rwy 9,** trees beginning 202' from DER, 330' right of centerline, 100' AGL/219' MSL, trees beginning 187' from DER, 256' left of centerline, 100' AGL/219' MSL. **Rwy 27,** trees beginning 192' from DER, 426' right of centerline, 100' AGL/259' MSL, trees beginning 3440' from DER, 1392' left of centerline, 100' AGL/289' MSL.

WINONA, MS

WINONA-MONTGOMERY COUNTY (ONA)
ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21,** 400-2¾ or std. w/ min. climb of 215' per NM to 900. Alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 3,** Climb heading 030° to 1000 before turning west.

NOTE: **Rwy 21,** Tower 2.1 NM from departure end of runway, 2789' right of centerline, 350' AGL/703' MSL.

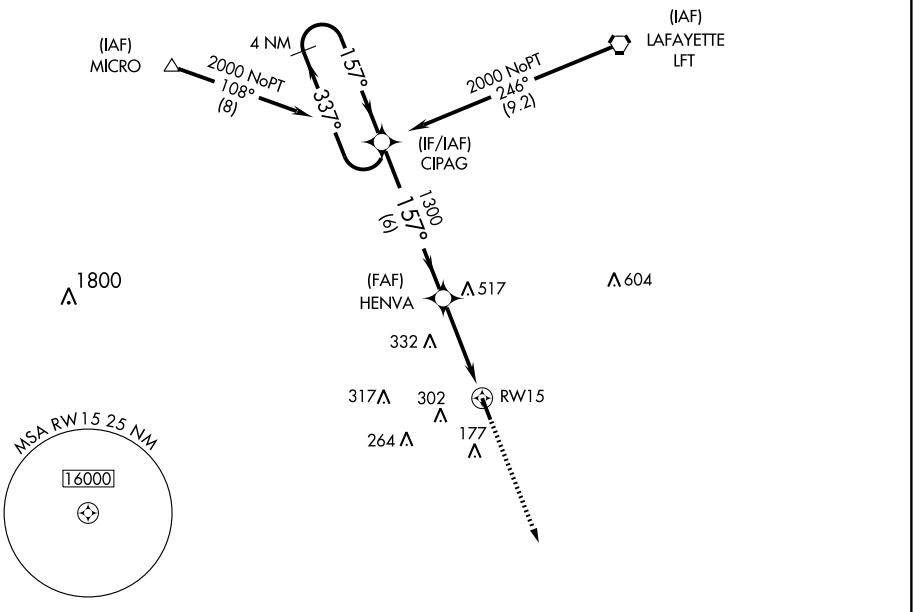
APP CRS	Rwy Idg	5000
157°	TDZE	15
	Apt Elev	15

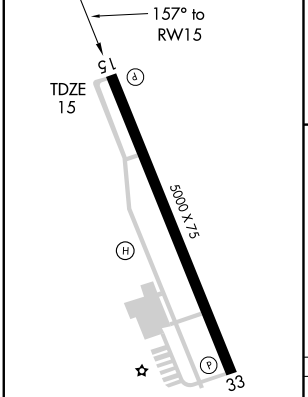
RNAV (GPS) RWY 15

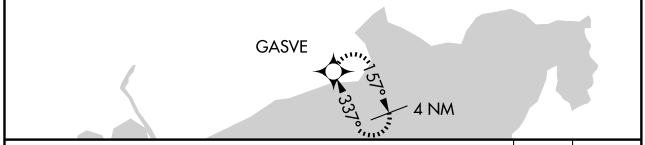
ABBEVILLE CHRIS CRUSTA MEMORIAL (ØR3)

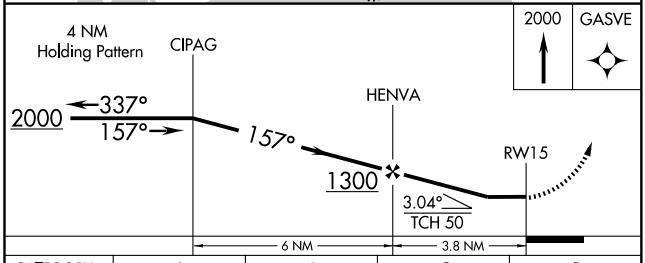
⚠ NA — DME/DME RNP-0.3 NA. Use Lafayette Rgnl altimeter setting. If not received, use Acadiana Rgnl altimeter setting.	MISSED APPROACH: Climb to 2000 direct GASVE and hold.

AWOS-3	LAFAYETTE APP CON ★	GCO	UNICOM
118.875	121.1 268.7	135.075	122.8 (CTAF) Ⓛ









CATEGORY	A	B	C	D
LNAV MDA	640-1	625 (700-1)	640-1¾ 625 (700-1¾)	NA
CIRCLING	640-1	625 (700-1)	640-1¾ 625 (700-1¾)	NA

MIRL Rwy 15-33 Ⓛ
REIL Rwys 15 and 33 Ⓛ

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
337°	TDZE	15
	Apt Elev	15

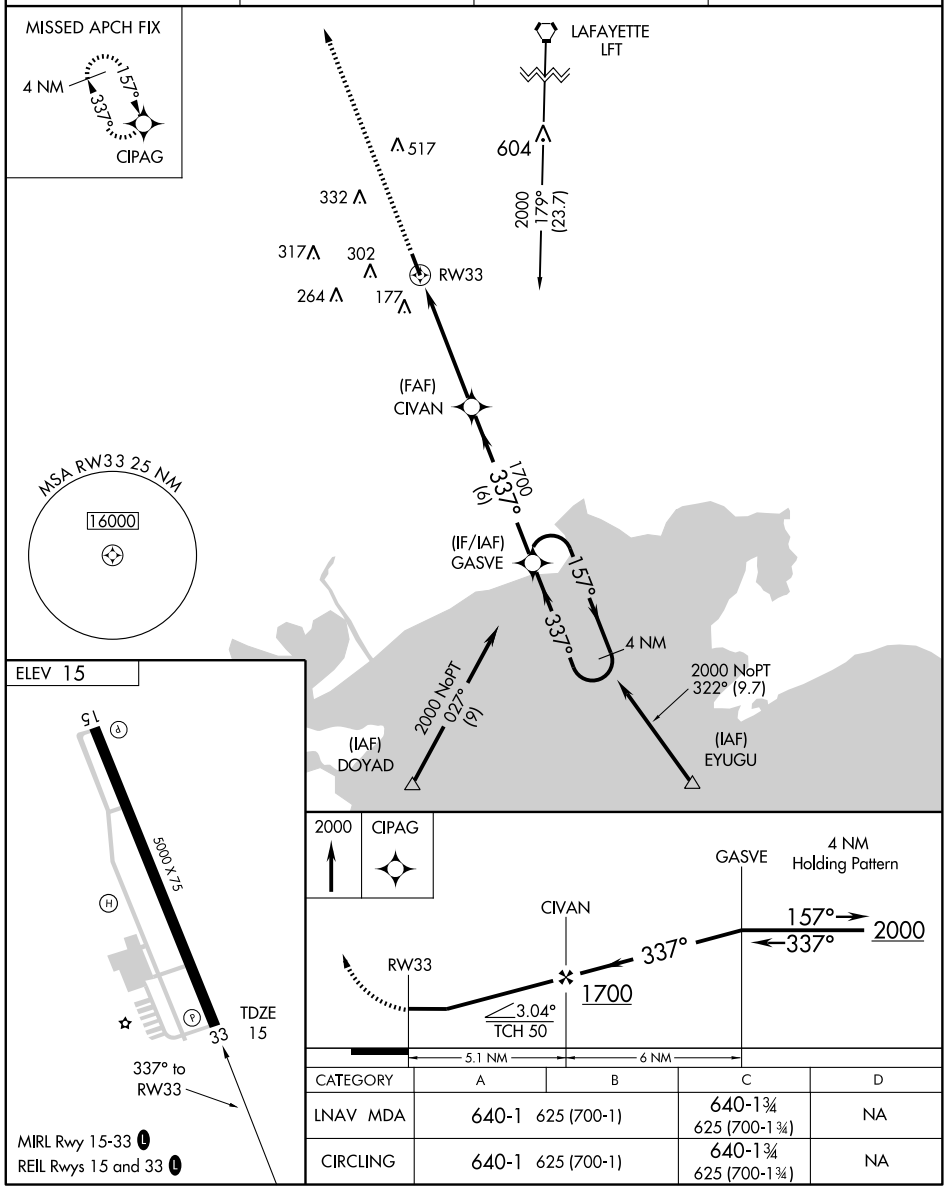
RNAV (GPS) RWY 33

ABBEVILLE CHRIS CRUSTA MEMORIAL (ØR3)

NA — DME/DME RNP-0.3 NA. Use Lafayette Rgnl altimeter setting. If not received, use Acadiana Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct CIPAG and hold.

AWOS-3	LAFAYETTE APP CON *	GCO	UNICOM
118.875	121.1 268.7	135.075	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	640-1	625 (700-1)	640-1¾ 625 (700-1¾)	NA
CIRCLING	640-1	625 (700-1)	640-1¾ 625 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LFT	APP CRS	Rwy Idg	N/A
109.8	197°	TDZE	N/A
Chan 35		Apt Elev	15

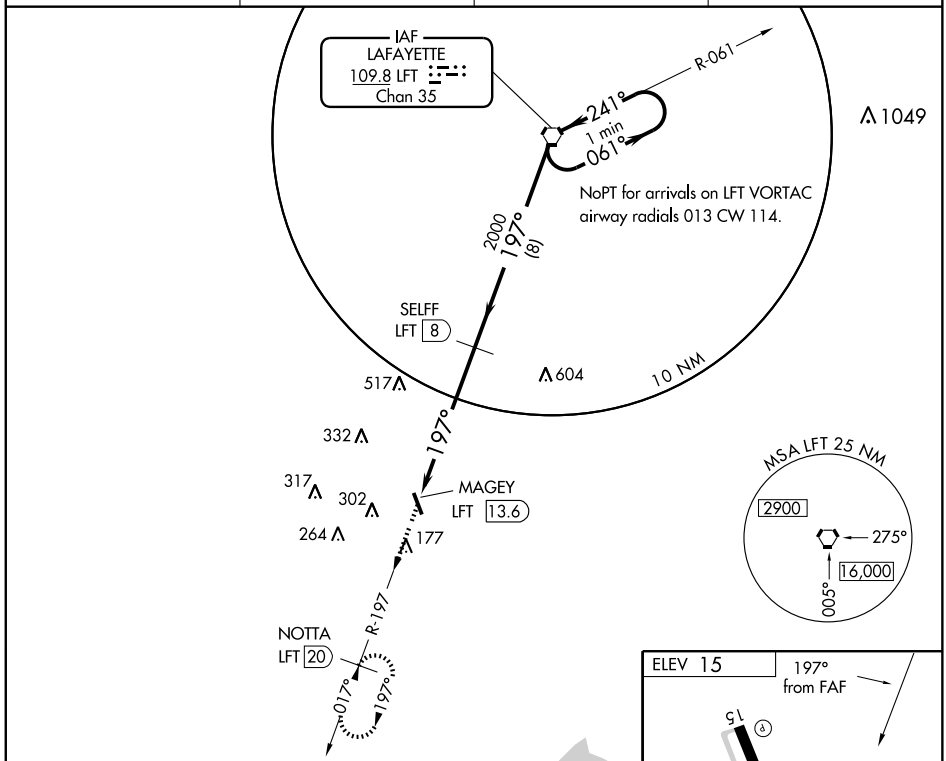
VOR/DME-A

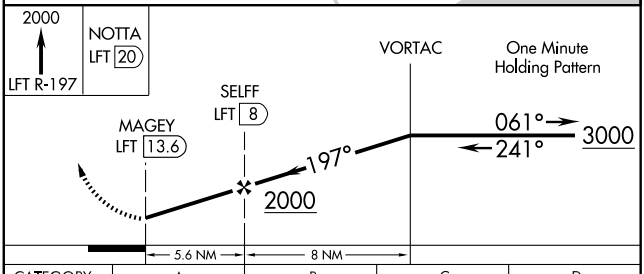
ABBEVILLE CHRIS CRUSTA MEMORIAL (ØR3)

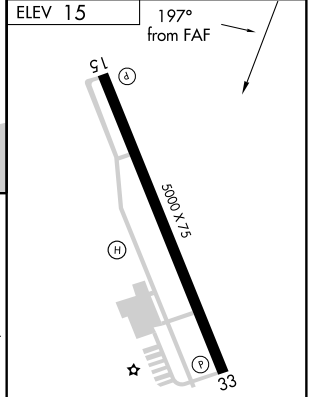
NA — Use Lafayette Rgnl altimeter setting; if not received, use Acadiana Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 via LFT R-197 to NOTTA/ LFT 20 DME and hold.

AWOS-3	LAFAYETTE APP CON ★	GCO	UNICOM
118.875	121.1 268.7	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	640-1	625 (700-1)	640-1¾ 625 (700-1¾)	NA

MIRL Rwy 15-33 L
REIL Rwys 15 and 33 L

VORTAC LFT 109.8 Chan 35	APP CRS 017°	Rwy Idg N/A TDZE N/A Apt Elev 15

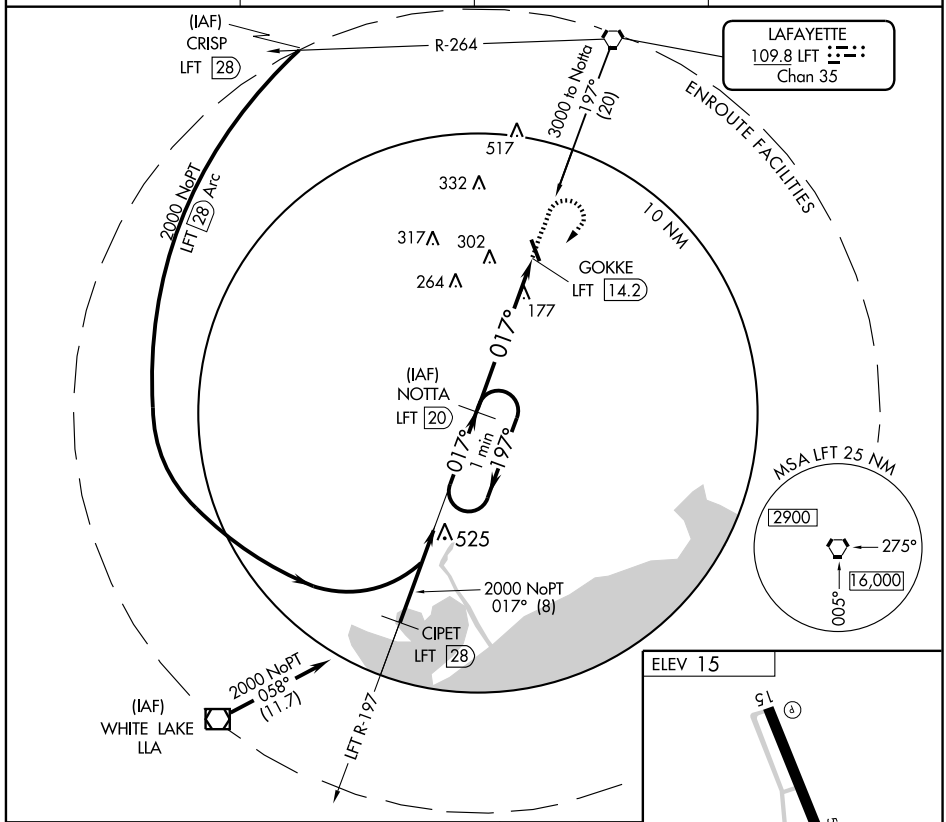
VOR/DME-B

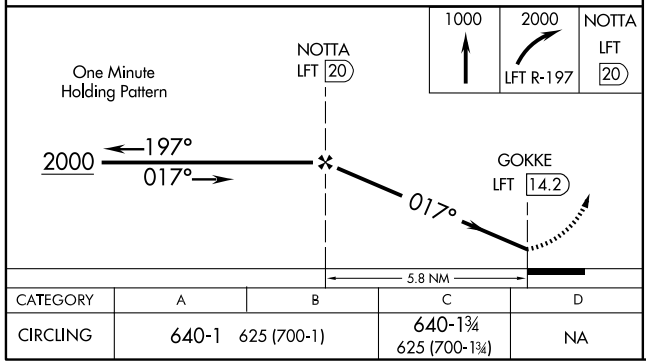
ABBEVILLE CHRIS CRUSTA MEMORIAL (ØR3)

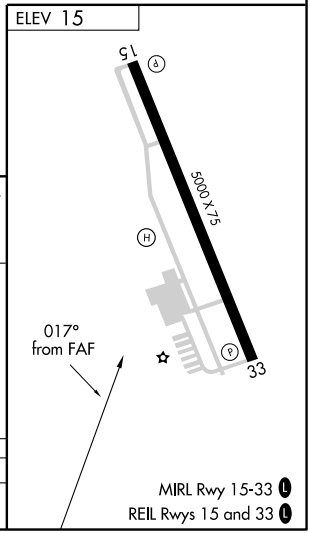
⚠ NA Use Lafayette Rgnl altimeter setting; if not received, use Acadiana Rgnl altimeter setting.

MISSED APPROACH: Climb to 1000, then climbing right turn to 2000 via LFT R-197 to NOTTA/LFT 20 DME and hold.

AWOS-3	LAFAYETTE APP CON ★	GCO	UNICOM
118.875	121.1 268.7	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	640-1 625 (700-1)		640-1¾ 625 (700-1¾)	NA

MIRL Rwy 15-33 L
REIL Rwys 15 and 33 L

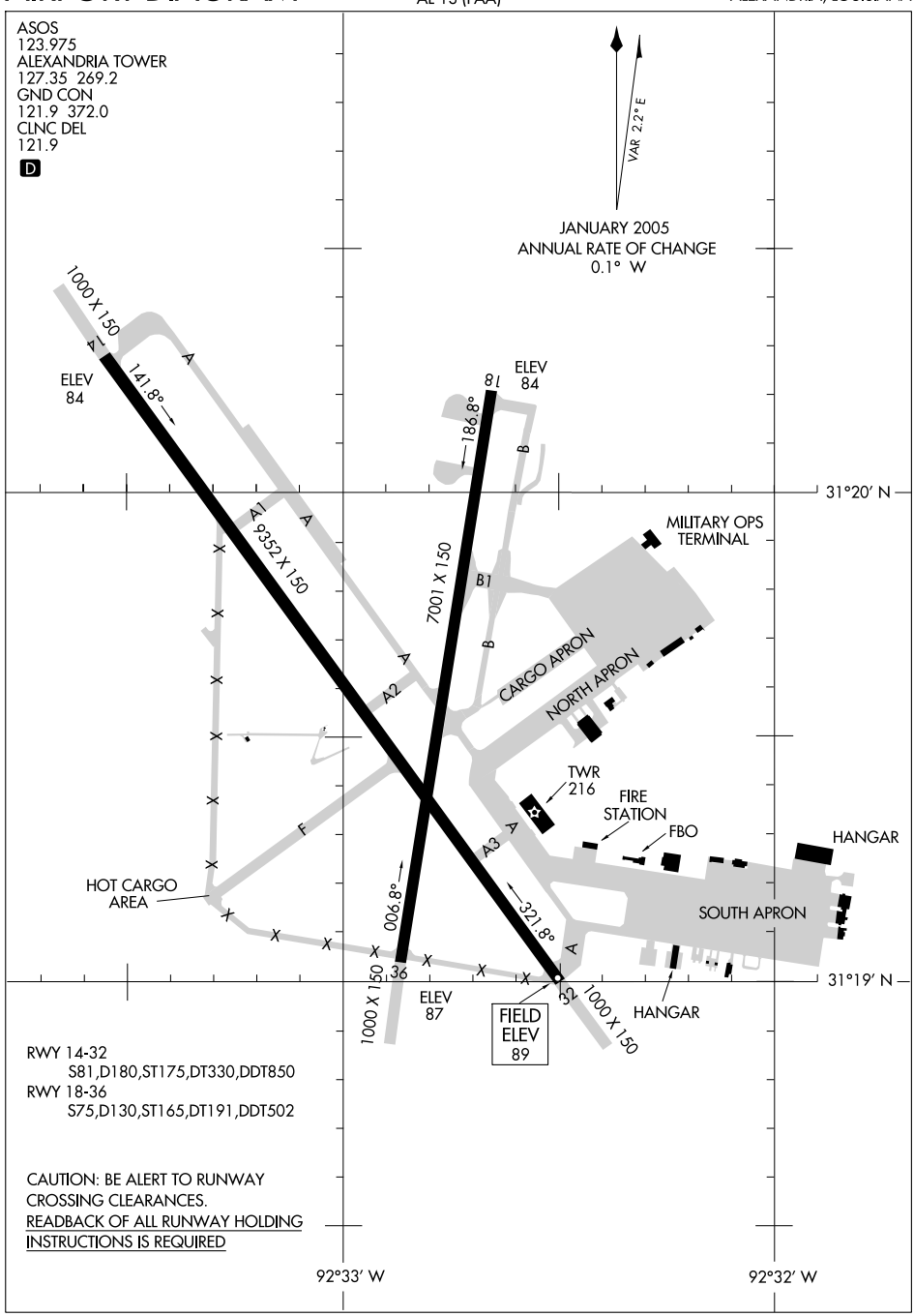
SC-4, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-13 (FAA)

ALEXANDRIA INTL (AEX)

ALEXANDRIA, LOUISIANA



RWY 14-32
S81,D180,ST175,DT330,DDT850
RWY 18-36
S75,D130,ST165,DT191,DDT502

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

ALEXANDRIA, LOUISIANA

LOC I-ERJ	APP CRS	Rwy Idg	9352
110.1	141°	TDZE	85
		Apt Elev	89

AL-13 (FAA)

ILS or LOC RWY 14

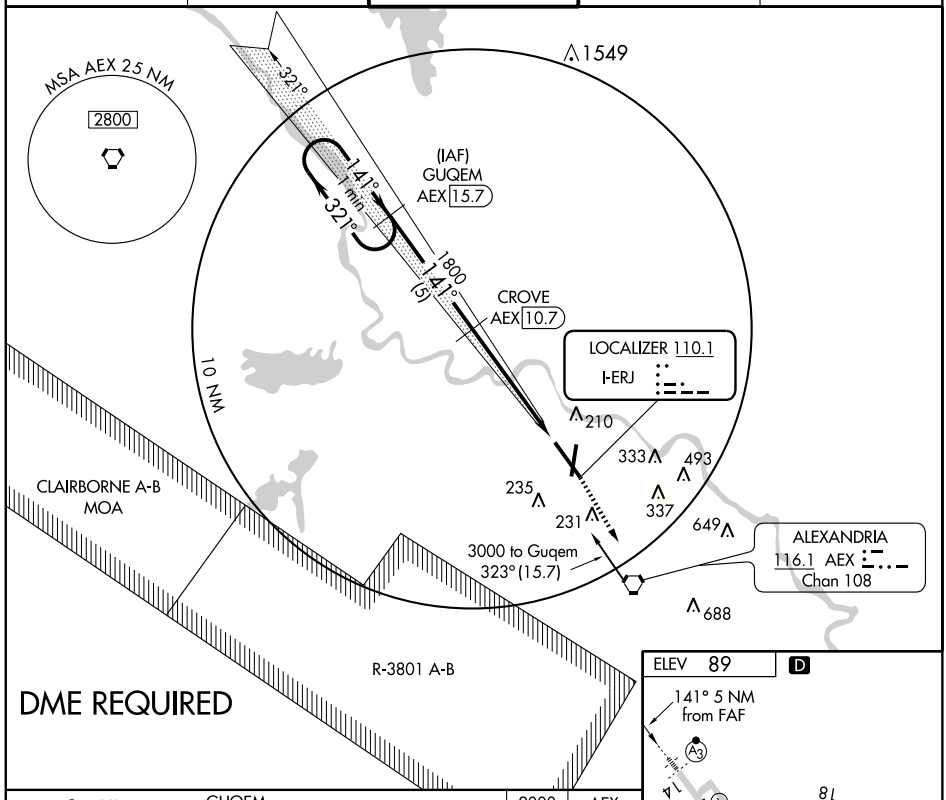
ALEXANDRIA INTL (AEX)

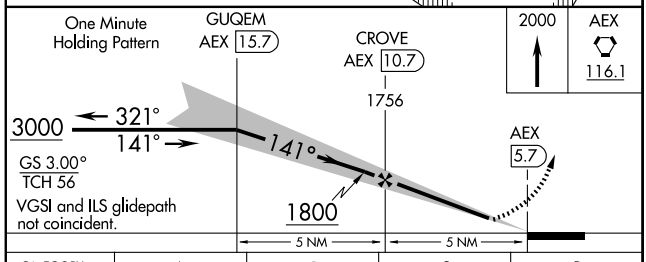
DME from AEX VORTAC, simultaneous reception of I-ERJ and AEX DME required.
When R-3801 B active, Radar and DME required.

SSALR

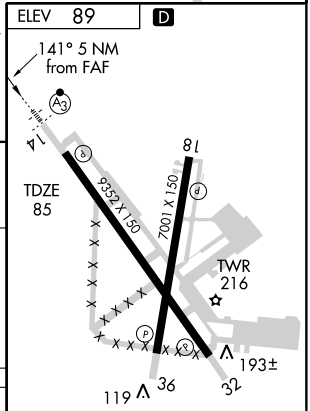
MISSED APPROACH: Climb to 2000 direct AEX VORTAC.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9





CATEGORY	A	B	C	D
S-ILS 14	285-½ 200 (200-½)			
S-LOC 14	460-½ 375 (400-½)			460-¾ 375 (400-¾)
CIRCLING	540-1 451 (500-1)	560-1 471 (500-1)	560-1½ 471 (500-1½)	640-2 551 (600-2)



REIL Rwys 18, 32 and 36
HIRL Rwys 18-36 and 14-32

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9352
141°	TDZE	85
	Apt Elev	89

RNAV (GPS) RWY 14
ALEXANDRIA INTL (AEX)

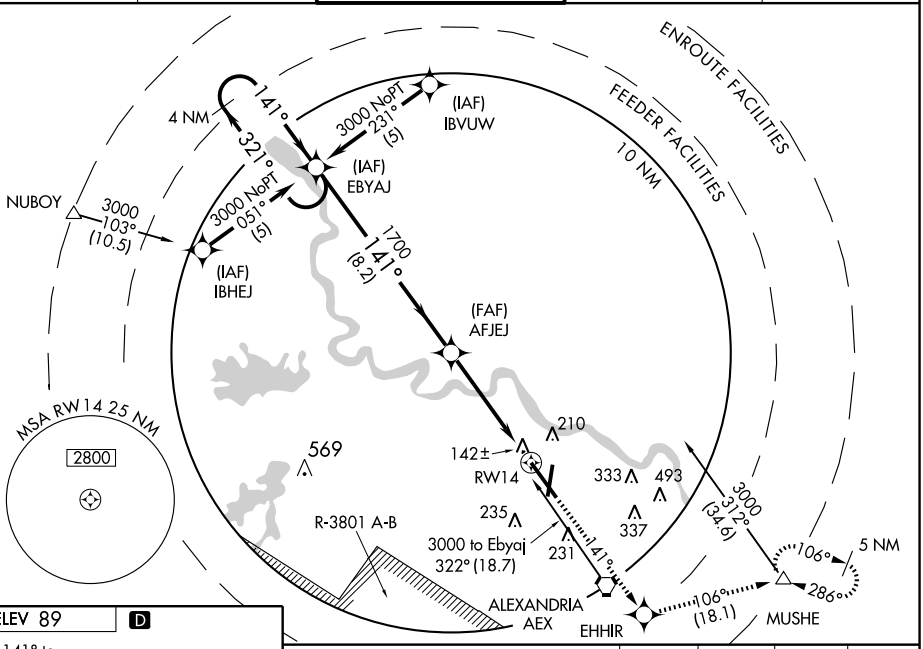
When R-3801B active. radar required.
Baro-NAV NA below -15°C (5°F).
For inoperative SALSR increase LNAV/VNAV CAT D visibility to 1, LNAV CAT D visibility to 1¼.
DME/DME RNP 0.3 NA

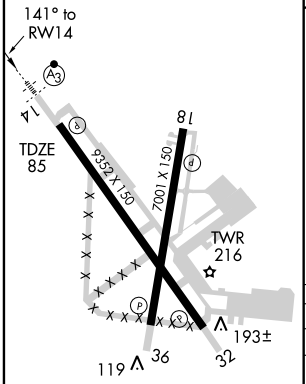
NA

SSALR

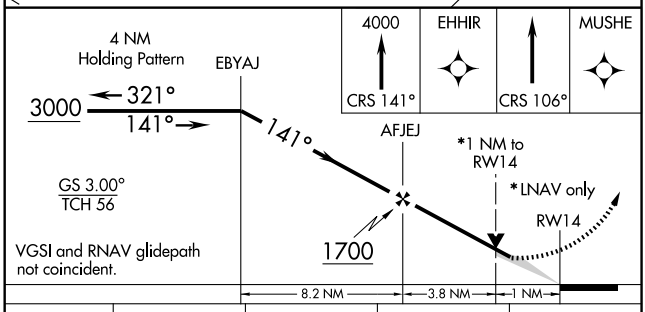
MISSED APPROACH: Climb to 4000 via 141° course to EHHIR WP then via 106° course to MUSHE WP and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9





REIL Rwys 18, 32 and 36
HIRL Rwys 18-36 and 14-32



CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	400-½ 315 (400-½)			400-¾ 315 (400-¾)
LNAV MDA	460-½ 375 (400-½)			460-1 375 (400-1)
CIRCLING	540-1 451 (500-1)	560-1 471 (500-1)	560-1½ 471 (500-1½)	640-2 551 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7001
CH 61200	186°	TDZE	84
W18A		Apt Elev	89

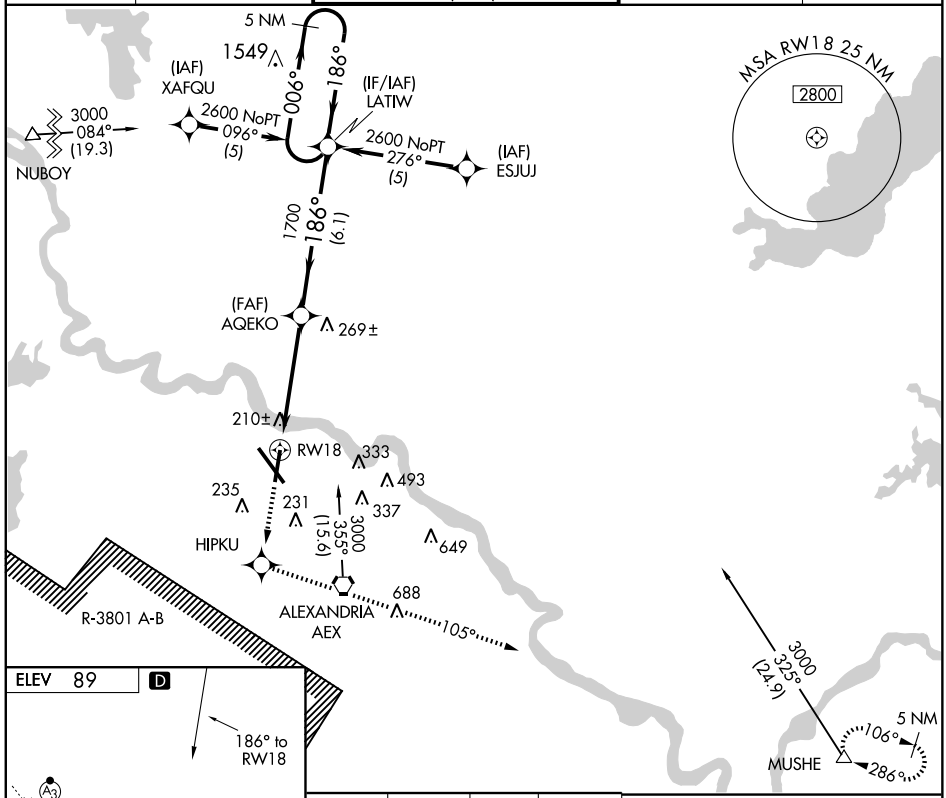
RNAV (GPS) RWY 18

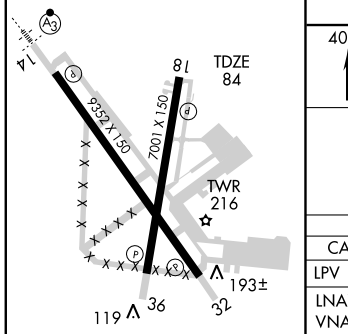
ALEXANDRIA INTL (AEX)

DME/DME RNP-0.3 NA. Radar required when R-3801 A-B in use. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). Visibility reduction by helicopters NA.

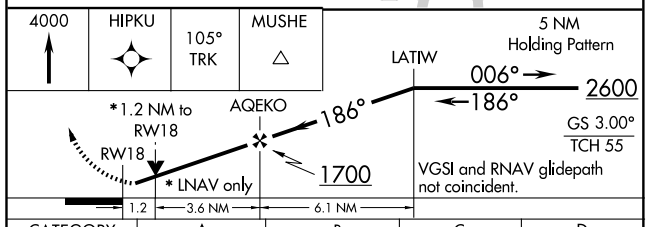
MISSED APPROACH: Climb to 4000 direct HIPKU and via 105° track to MUSHE and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9





REIL Rwys 18, 32 and 36
HIRL Rwys 18-36 and 14-32



CATEGORY	A	B	C	D
LPV DA	395-1 311 (400-1)			
LNAV/VNAV DA	539-1½ 455 (500-1½)			
LNAV MDA	520-1 436 (500-1)		520-1¼ 436 (500-1¼)	520-1½ 436 (500-1½)
CIRCLING	540-1½ 451 (500-1½)	560-1½ 471 (500-1½)		640-2 551 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

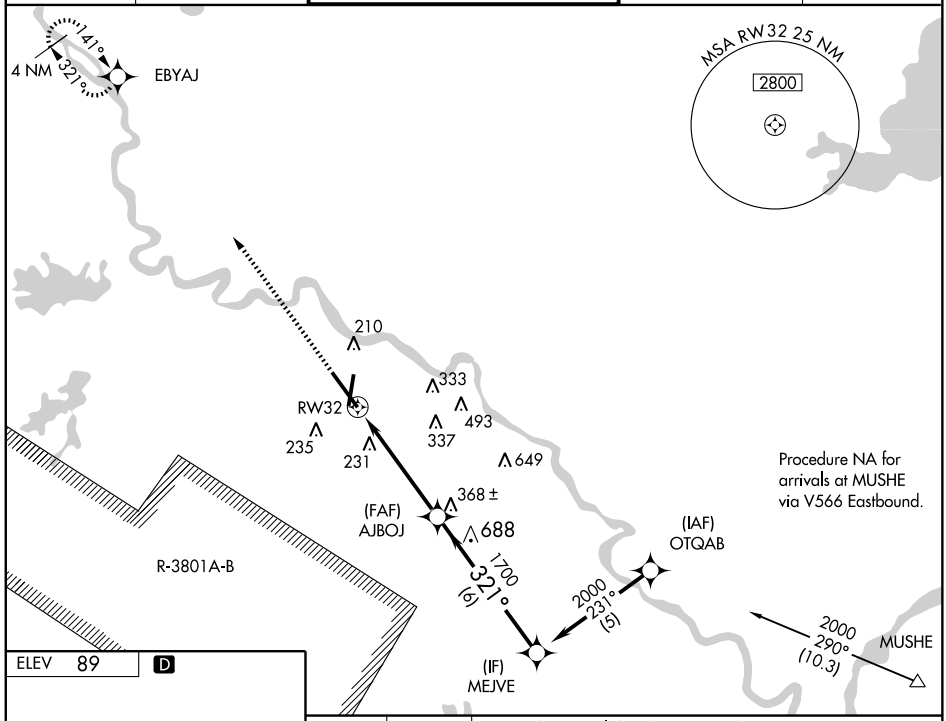
WAAS	APP CRS	Rwy Idg	9352
CH 50110	321°	TDZE	89
W32A		Apt Elev	89

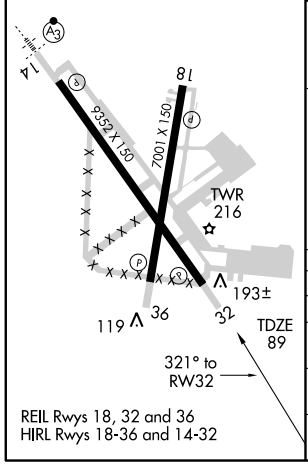
RNAV (GPS) RWY 32
ALEXANDRIA INTL (AEX)

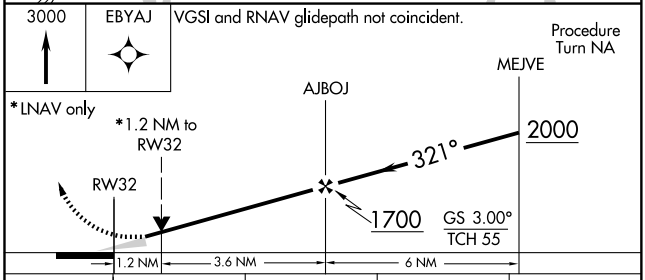
DME/DME RNP-0.3 NA.
Baro-VNAV NA below -15°C (5°F)
When R-3801A-B active, RADAR required.

MISSED APPROACH: Climb to 3000 direct EBYAJ WP and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9







CATEGORY	A	B	C	D
LPV DA	340/50	251 (300-1)		
LNAV/VNAV DA	460/60	371 (400-1¼)		
LNAV MDA	520/50	431 (500-1)	520/60 431 (500-1¼)	520-1½ 431 (500-1½)
CIRCLING	540-1¼ 451 (500-1¼)	560-1¼ 471 (500-1¼)	560-1½ 471 (500-1½)	640-2 551 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

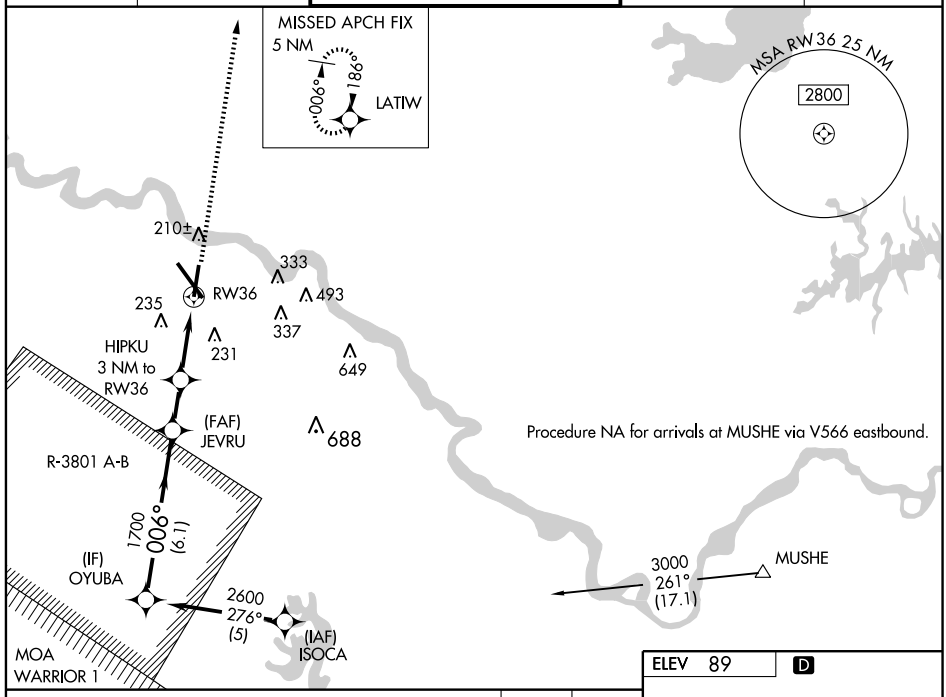
WAAS	APP CRS	Rwy Idg	7001
CH 58100	006°	TDZE	87
W36A		Apt Elev	89

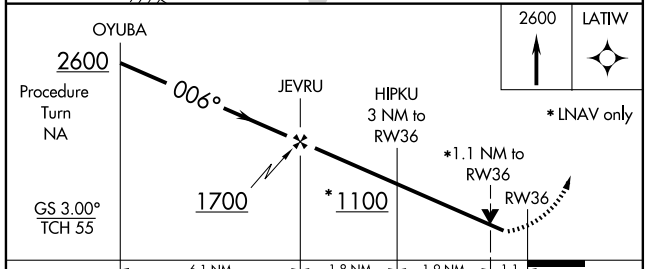
RNAV (GPS) RWY 36
ALEXANDRIA INTL (AEX)

DME/DME RNP-0.3 NA. Radar required when R-3801 A-B in use. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). Visibility reduction by helicopters NA.

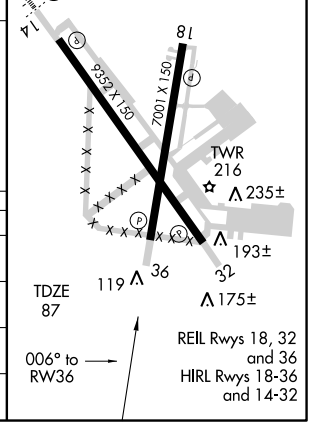
MISSED APPROACH: Climb to 2600 direct LATIW and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9





CATEGORY	A	B	C	D
LPV DA	391-1 304 (400-1)			
LNAV/VNAV DA	425-1¼ 338 (400-1¼)			
LNAV MDA	500-1 413 (500-1)		500-1¼ 413 (500-1¼)	
CIRCLING	540-1¼ 451 (500-1¼)	560-1¼ 471 (500-1¼)	560-1½ 471 (500-1½)	640-2 551 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC AEX	APP CRS	Rwy Idg	9352
116.1	145°	TDZE	85
Chan 108		Apt Elev	89

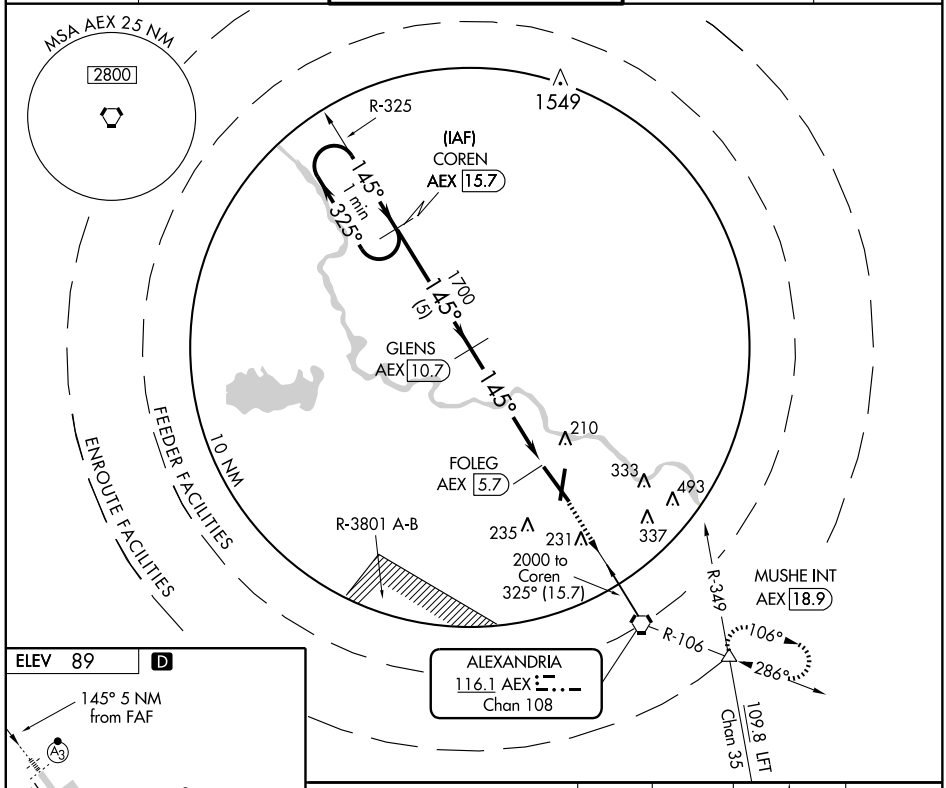
VOR/DME RWY 14
ALEXANDRIA INTL (AEX)

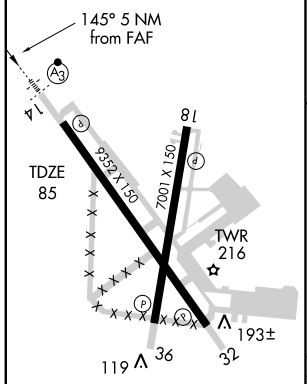
When R-3801B active, Radar Required. For inoperative SSALR increase S-14 Cat D visibility to 1¼.

SSALR

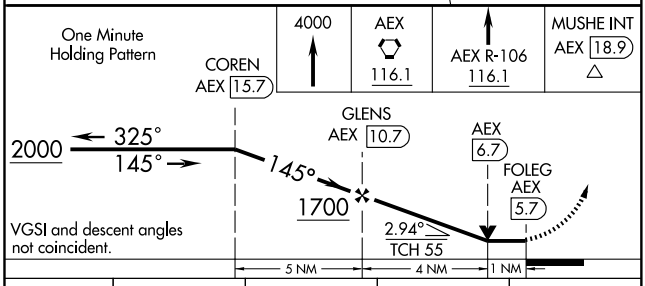
MISSED APPROACH: Climb to 4000 direct AEX Vortac, then via AEX R-106 to MUSHE Int and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	123.975





REIL Rwys 18, 32 and 36
HIRL Rwys 18-36 and 14-32



CATEGORY	A	B	C	D
S-14	460-½ 375 (400-½)			460-1 375 (400-1)
CIRCLING	540-1 451 (500-1)	560-1 471 (500-1)	560-1½ 471 (500-1½)	640-2 551 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC AEX 116.1 Chan 108	APP CRS 327°	Rwy Idg 9352 TDZE 89 Apt Elev 89

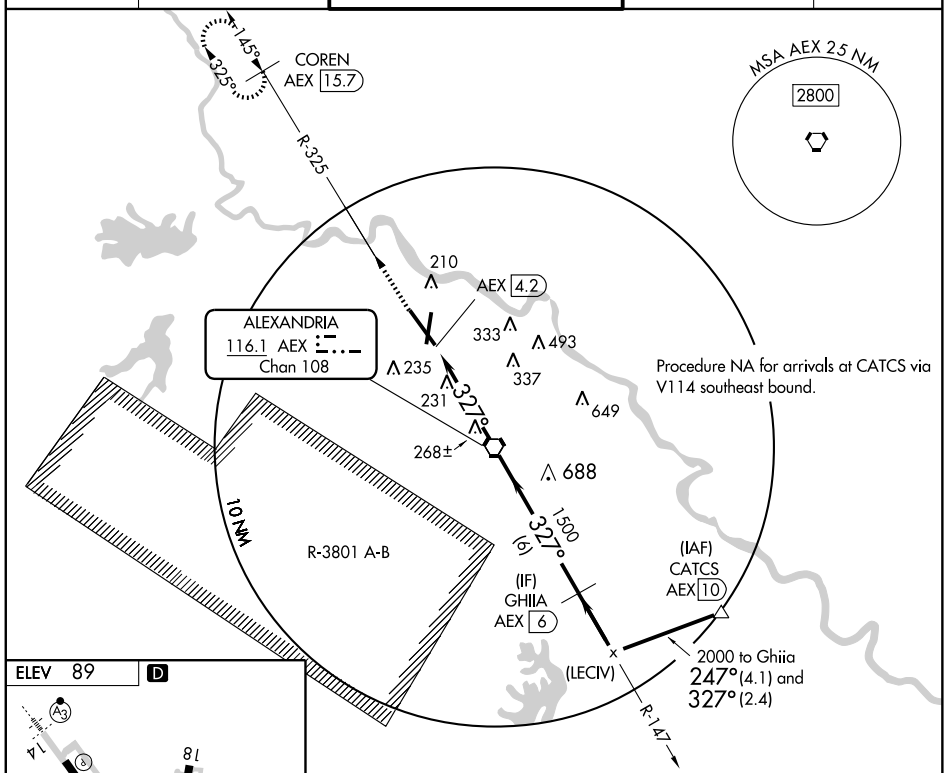
VOR/DME RWY 32

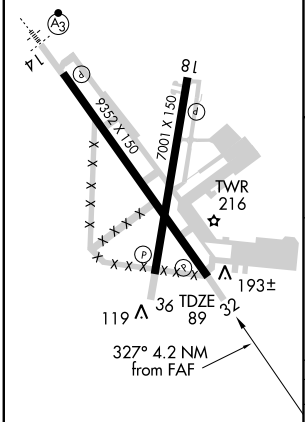
ALEXANDRIA INTL (AEX)

Radar required when R-3801 A-B in use.

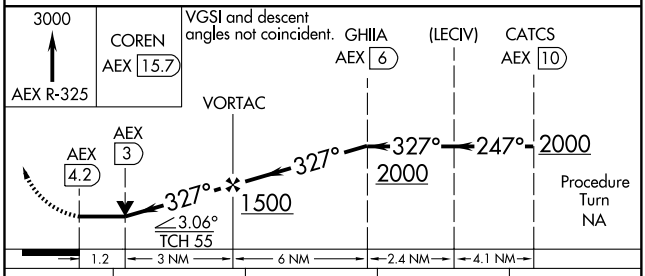
MISSED APPROACH: Climb to 3000 via AEX R-325 to COREN/AEX 15.7 DME and hold.

ASOS	POLK APP CON	ALEXANDRIA TOWER	GND CON	CLNC DEL
123.975	125.4 302.2	127.35 (CTAF) 269.2	121.9 372.0	121.9





REIL Rwys 18, 32 and 36
HIRL Rwys 18-36 and 14-32



CATEGORY	A	B	C	D
S-32	520/50 431 (500-1)		520/60 431 (500-1¼)	520-1½ 431 (500-1½)
CIRCLING	540-1 451 (500-1)	560-1 471 (500-1)	560-1½ 471 (500-1½)	640-2 551 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-ESF 111.5 Chan 52	APP CRS 267°	Rwy Idg 5999 TDZE 92 Apt Elev 112

ILS RWY 26

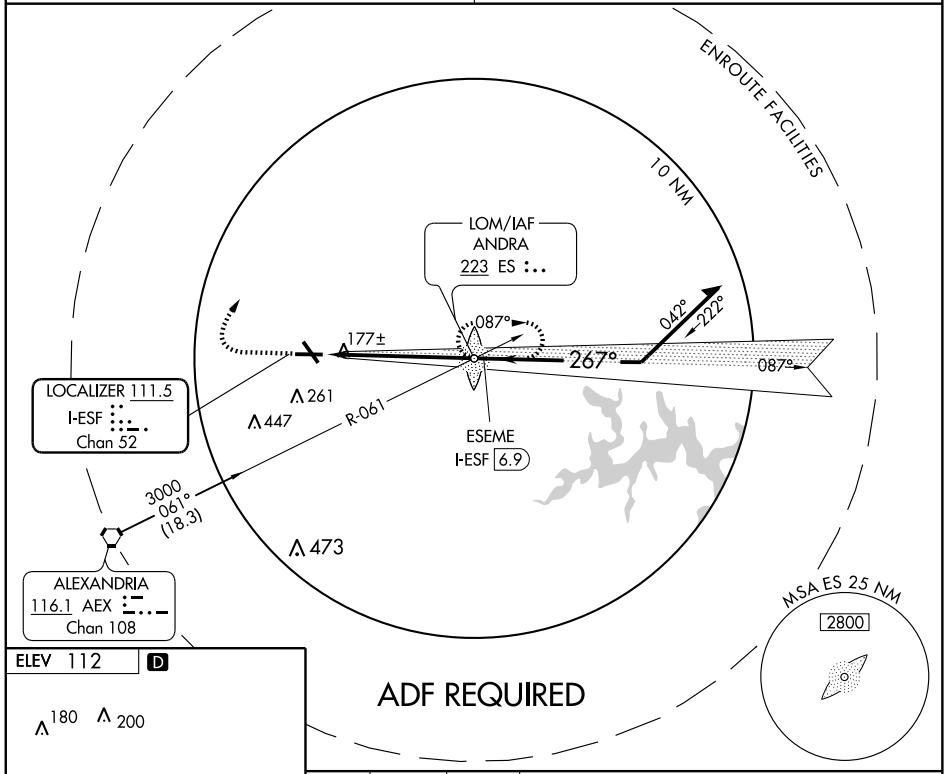
ALEXANDRIA/ESLER RGNL (ESF)

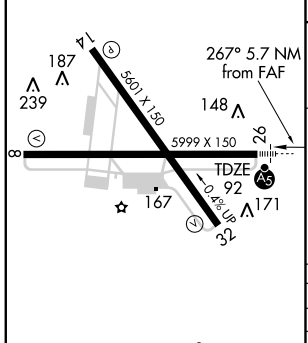
V NA * DME Required.

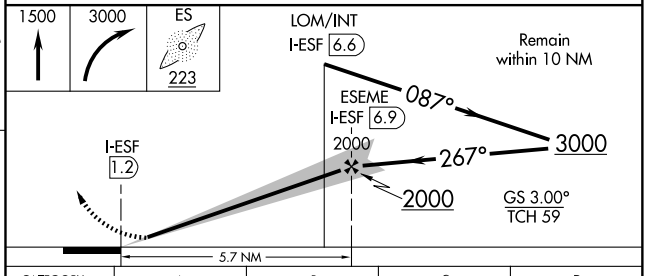
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct ANDRA LOM and hold.

POLK APP CON	UNICOM
125.4 302.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 26	292-½ 200 (200-½)			
S-LOC 26*	440-½ 348 (400-½)			440-¾ 348 (400-¾)
CIRCLING	580-1 468 (500-1)		580-1½ 468 (500-1½)	680-2 568 (600-2)

REIL Rwys 8, 14 and 32 L
MIRL Rwy 14-32 L
HIRL Rwy 8-26 L

SC-4, 17 DEC 2009 to 14 JAN 2010

LOM ES	APP CRS	Rwy Idg	5999
223	267°	TDZE	92
		Apt Elev	112

NDB RWY 26

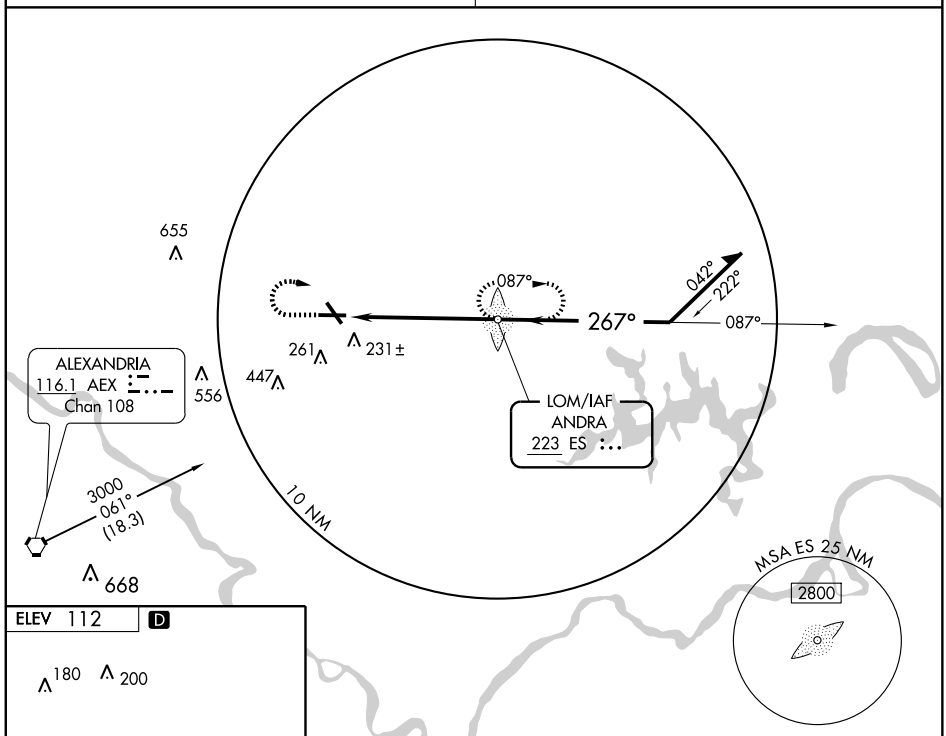
ALEXANDRIA/ESLER RGNL (ESF)

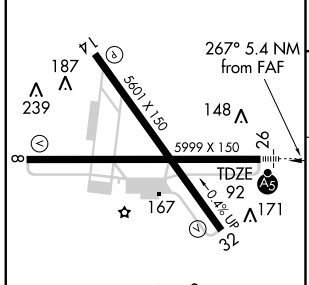
NA

MALSR

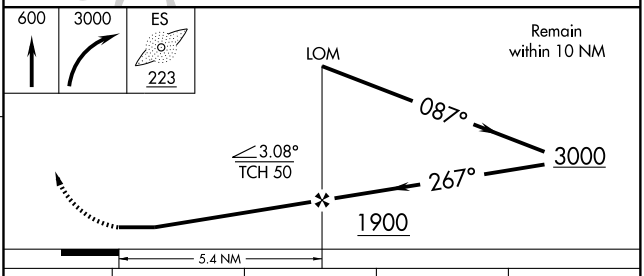
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct ANDRA LOM and hold.

POLK APP CON	UNICOM
125.4 302.2	122.8 (CTAF) L





REIL Rwys 8, 14 and 32 L
MIRL Rwy 14-32 L
HIRL Rwy 8-26 L



FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D
S-25	540-¾ 448 (500-¾)			540-1¼ 448 (500-1¼)
CIRCLING	580-1 468 (500-1)		600-1½ 488 (500-1½)	680-2 568 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5999
087°	TDZE	96
	Apt Elev	112

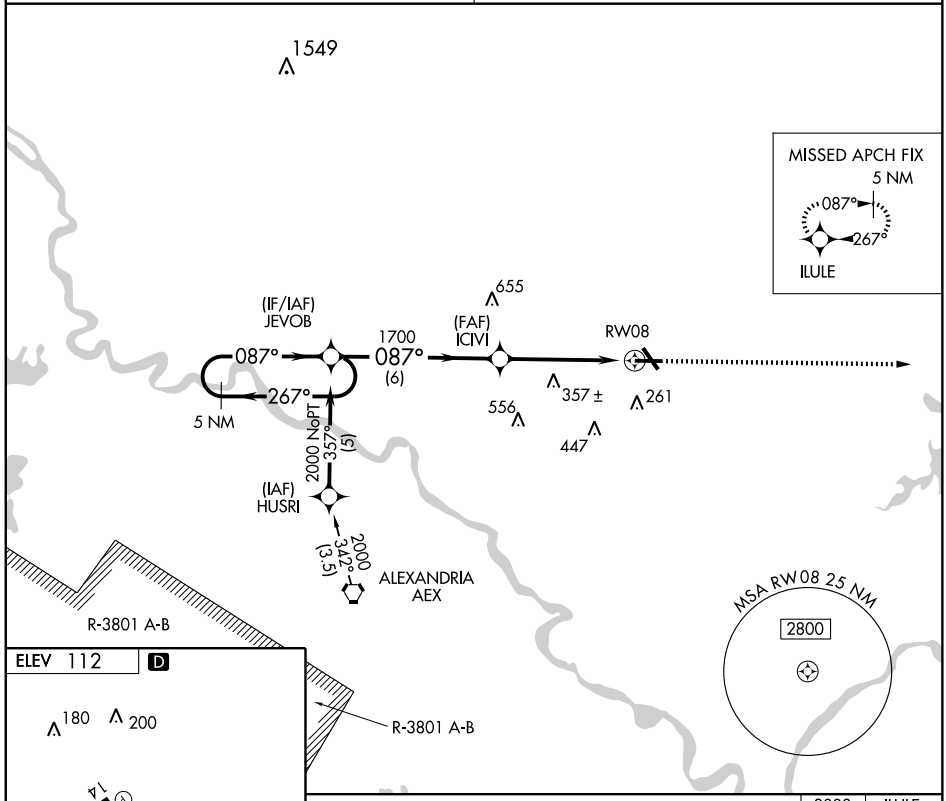
RNAV (GPS) RWY 8

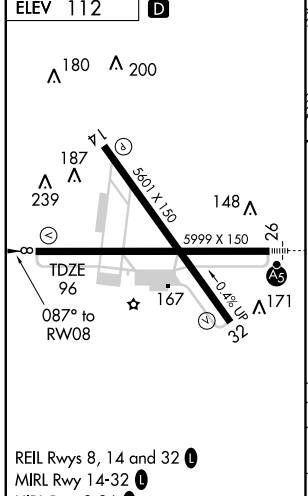
ALEXANDRIA/ESLER RGNL (ESF)

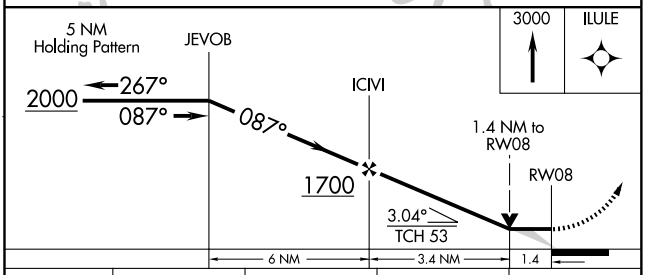
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Alexandria Intl altimeter setting and increase all MDAs 40 feet. VDP NA when using Alexandria Intl altimeter setting.

MISSED APPROACH: Climb to 3000 direct ILULE and hold.

POLK APP CON	UNICOM
125.4 302.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	580-1 484 (500-1)		580-1¼ 484 (500-1¼)	580-1½ 484 (500-1½)
CIRCLING	580-1 468 (500-1)		580-1½ 468 (500-1½)	680-2 568 (600-2)

REIL Rwys 8, 14 and 32 L
MIRL Rwy 14-32 L
HIRL Rwy 8-26 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61103 W26A	APP CRS 267°	Rwy Idg 5999 TDZE 92 Apt Elev 112

RNAV (GPS) RWY 26

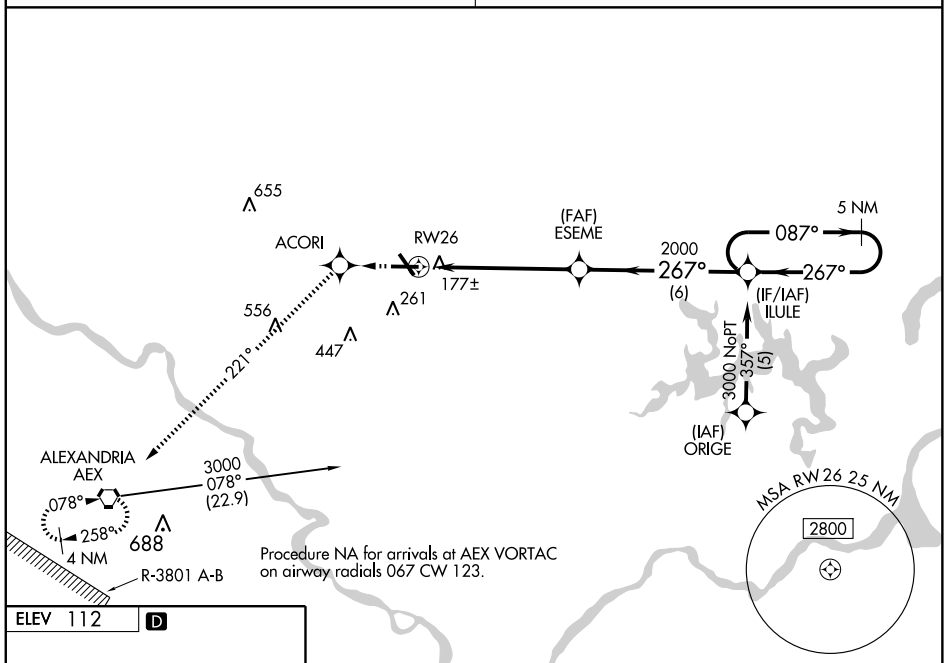
ALEXANDRIA/ESLER RGNL (ESF)

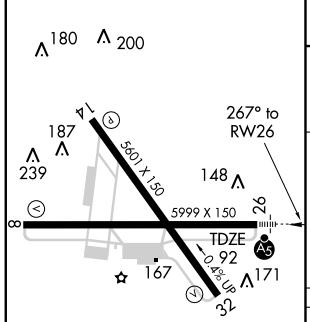
If local altimeter setting not received, use Alexandria Intl altimeter setting and increase all DAs/MDAs 40 feet. VDP NA when using Alexandria Intl altimeter setting. BARO-VNAV NA when using Alexandria Intl altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). For inoperative MALSR increase LPV all Cats visibility to 1, and LNAV Cat D visibility to 1¼. DME/DME RNP-0.3 NA.

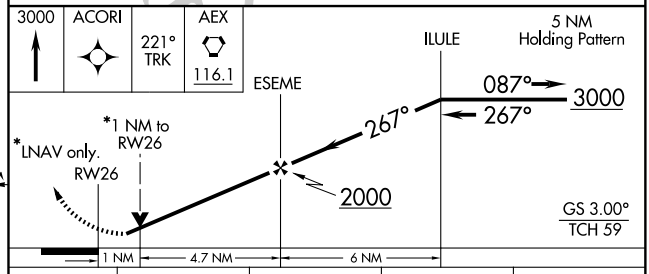
MALSR

MISSED APPROACH: Climb to 3000 direct ACORI and via 221° track to AEX VORTAC and hold.

POLK APP CON	UNICOM
125.4 302.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	408-½ 316 (300-½)			
LNAV/VNAV DA	451-¾ 359 (400-¾)			
LNAV MDA	480-½ 388 (400-½)			480-1 388 (400-1)
CIRCLING	580-1 468 (500-1)		580-1½ 468 (500-1½)	680-2 568 (600-2)

REIL Rwys 8, 14 and 32 L
MIRL Rwy 14-32 L
HIRL Rwy 8-26 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB BQP	APP CRS	Rwy Idg	4002
329	330°	TDZE	167
		Apt Elev	167

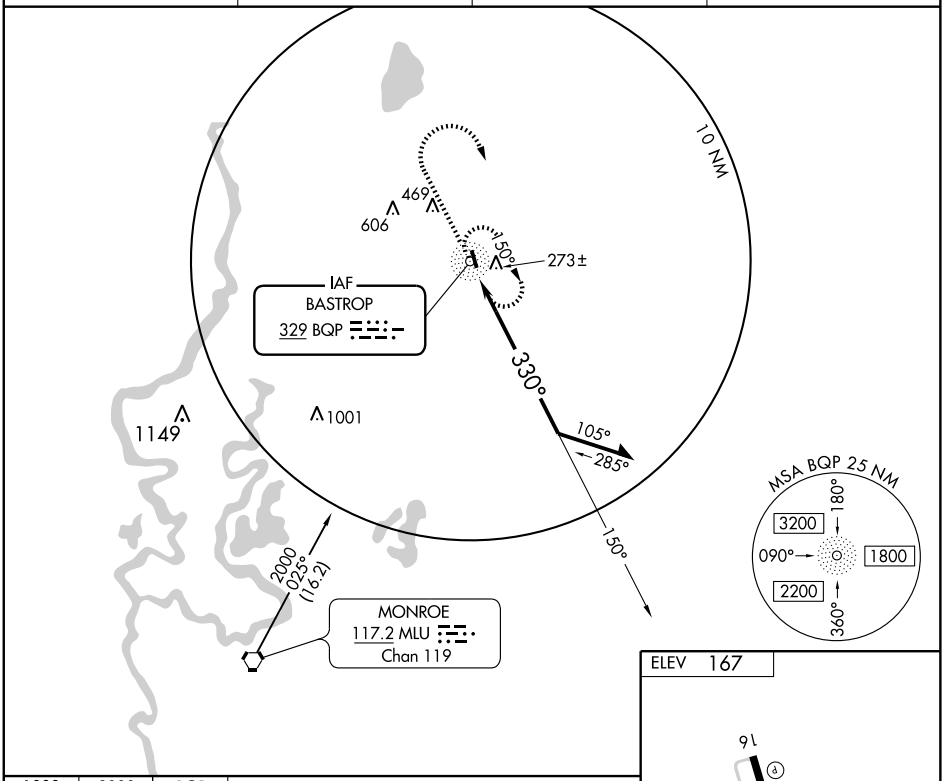
NDB RWY 34

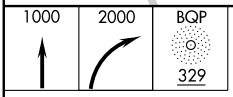
BASTROP/ MOREHOUSE MEMORIAL (BQP)

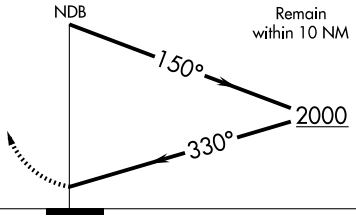
NA — If local altimeter setting not received, use Monroe altimeter setting and increase all MDAs 60 feet.

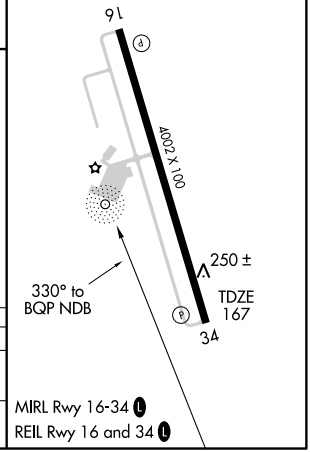
MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct BQP NDB and hold.

AWOS-3	MONROE APP CON ★	GCO	UNICOM
118.375	126.9 307.9	135.075	122.8 (CTAF) L









MIRL Rwy 16-34 L

REIL Rwy 16 and 34 L

CATEGORY	A	B	C	D
S-34	640-1	473 (500-1)	640-1¼ 473 (500-1¼)	NA
CIRCLING	640-1	473 (500-1)	640-1½ 473 (500-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 58307 W16A	APP CRS 161°	Rwy Idg 4002 TDZE 168 Apt Elev 168

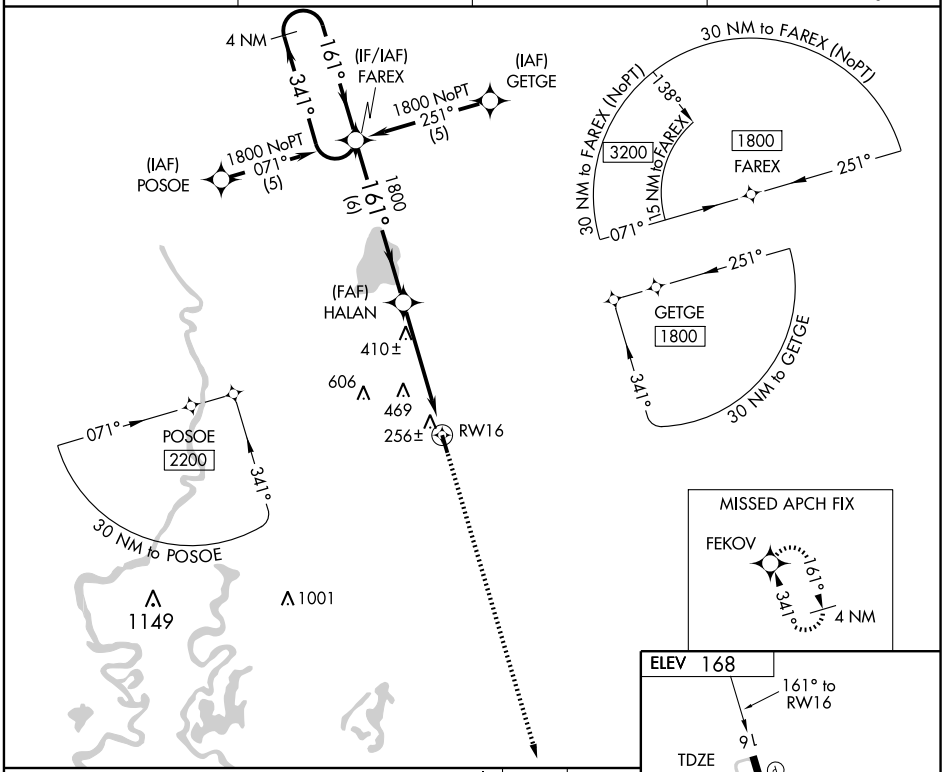
RNAV (GPS) RWY 16

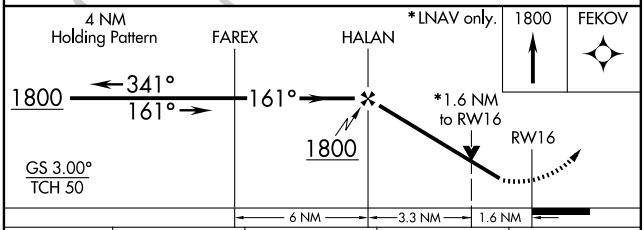
BASTROP/MOREHOUSE MEMORIAL (BQP)

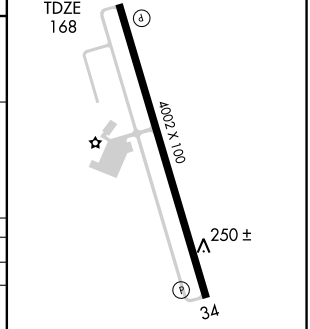
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Monroe altimeter setting and increase all DA/MDA 60 feet and all visibilities ¼ mile. Baro-VNAV NA when using Monroe altimeter setting. VDP NA when using Monroe altimeter setting.

MISSED APPROACH: Climb to 1800 direct FEKOV and hold.

AWOS-3	MONROE APP CON ★	GCO	UNICOM
118.375	126.9 307.9	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	499-1¼ 331 (400-1¼)			NA
LNAV/VNAV DA	526-1¼ 358 (400-1¼)			NA
LNAV MDA	720-1 552 (600-1)		720-1½ 552 (600-1½)	NA
CIRCLING	720-1 552 (600-1)		720-1½ 552 (600-1½)	NA

MIRL Rwy 16-34 L

REIL Rwy 16 and 34 L

SC-4, 17 DEC 2009 to 14 JAN 2010

BASTROP, LOUISIANA AL-5566 (FAA)

WAAS	APP CRS	Rwy Idg	4002
CH 90308	341°	TDZE	168
W34A		Apt Elev	168

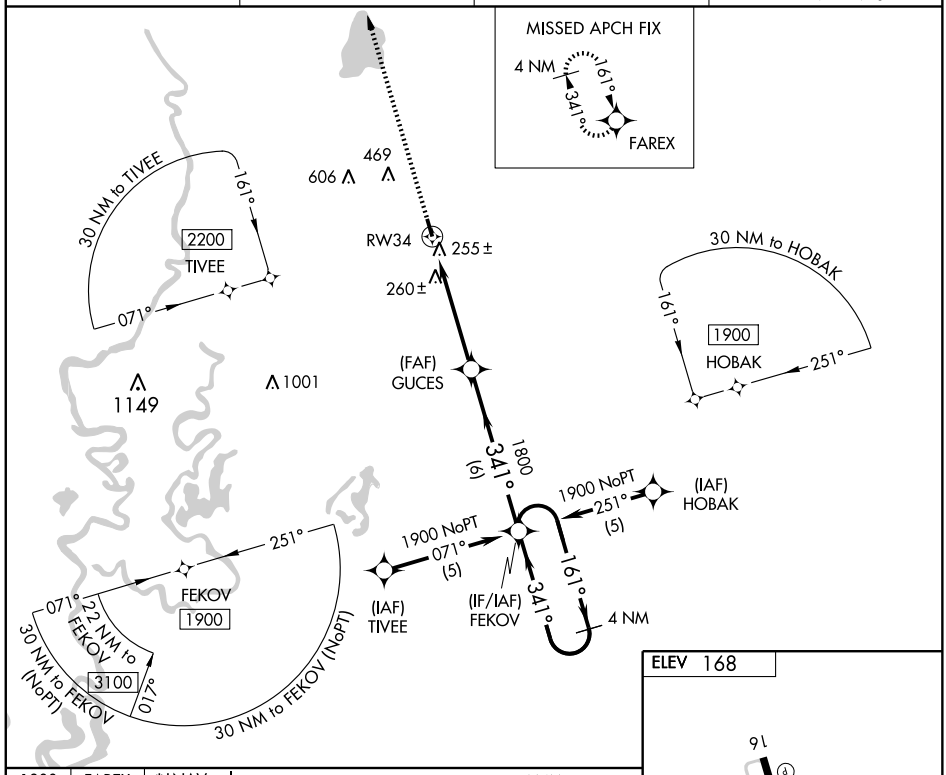
RNAV (GPS) RWY 34

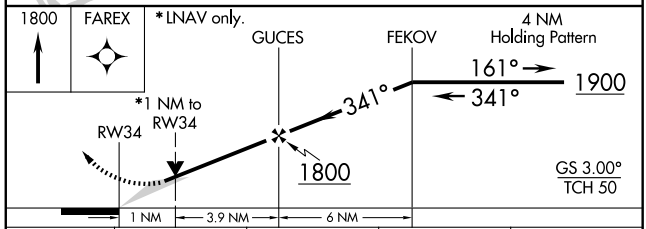
BASTROP/MOREHOUSE MEMORIAL (BQP)

Baro-VNAV NA when using Monroe altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP NA when using Monroe altimeter setting. When local altimeter setting not received, use Monroe altimeter setting and increase all DA/MDA 60 feet and all visibilities ¼ mile.

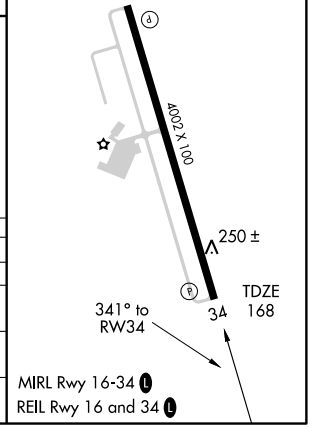
MISSED APPROACH: Climb to 1800 direct FAREX and hold.

AWOS-3	MONROE APP CON ★	GCO	UNICOM
118.375	126.9 307.9	135.075	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	508-1¼ 340 (400-1¼)			NA
LNAV/VNAV DA	551-1¼ 383 (400-1¼)			NA
LNAV MDA	520-1 352 (400-1)			NA
CIRCLING	560-1 392 (400-1)	620-1 452 (500-1)	620-1½ 452 (600-1½)	NA



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU 117.2 Chan 119	APP CRS 026°	Rwy Idg N/A TDZE N/A Apt Elev 167

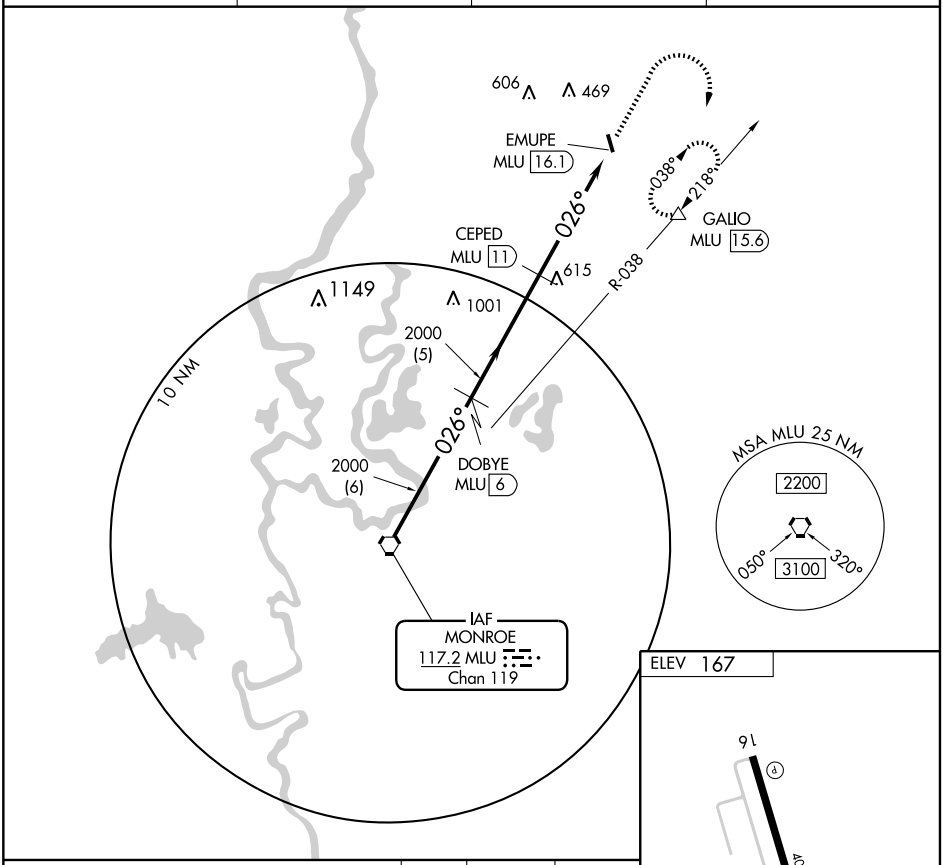
VOR/DME-A

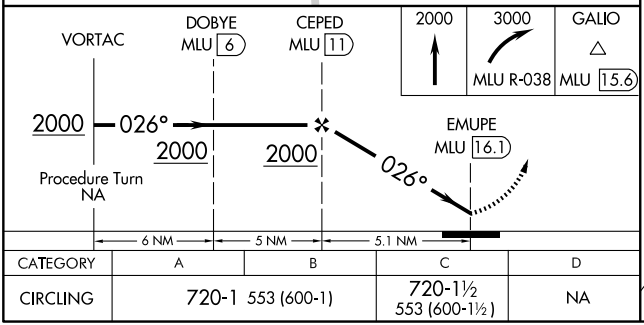
BASTROP/ MOREHOUSE MEMORIAL (BQP)

If local altimeter setting not received, use Monroe altimeter setting and increase all MDAs 60 feet.

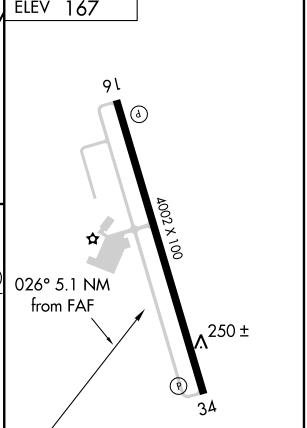
MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 via MLU R-038 to GALIO/MLU 15.6 DME and hold.

AWOS-3	MONROE APP CON ★	GCO	UNICOM
118.375	126.9 307.9	135.075	122.8 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	720-1 553 (600-1)		720-1½ 553 (600-1½)	NA



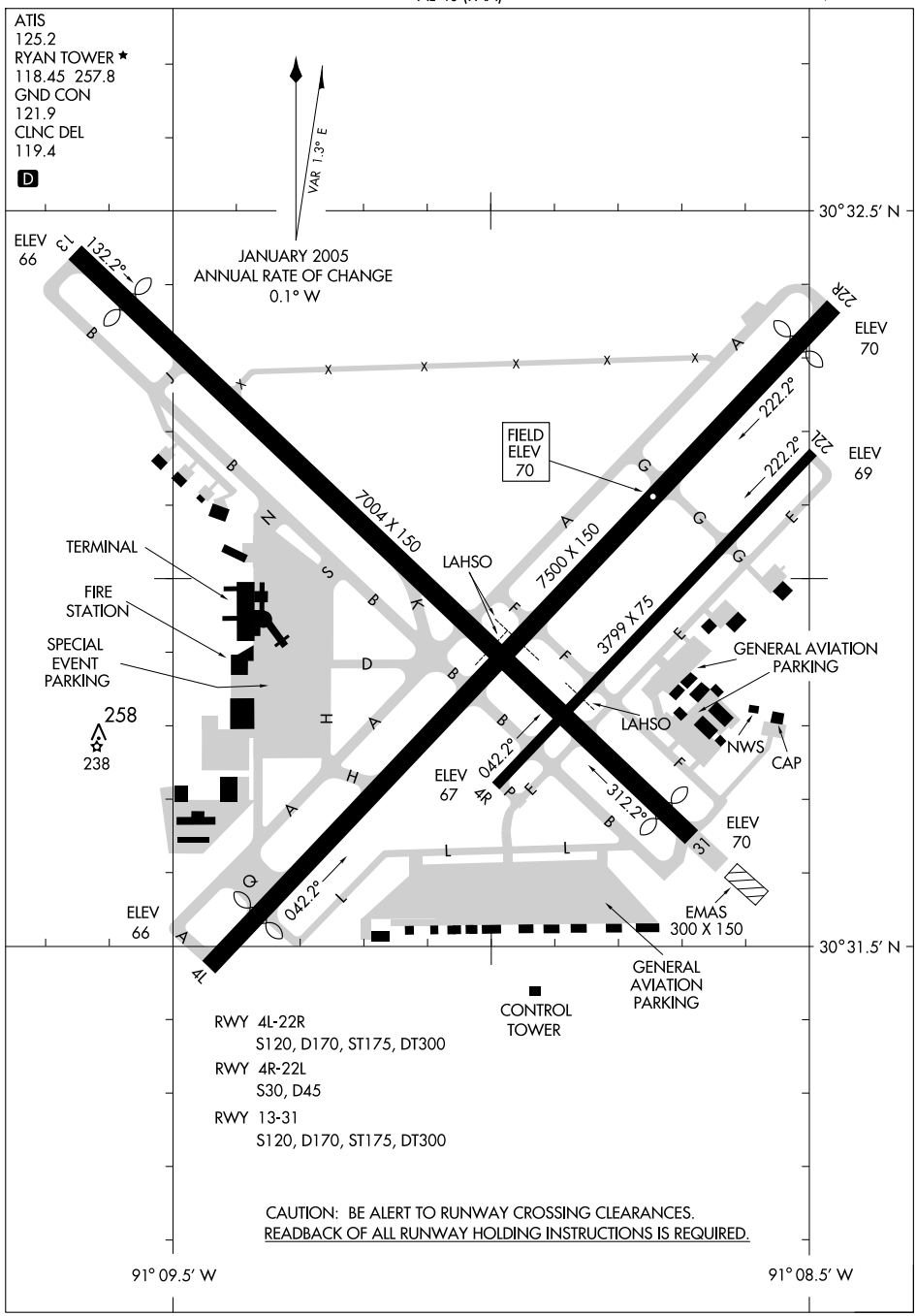
MIRL Rwy 16-34 L
REIL Rwy 16 and 34 L

SC-4, 17 DEC 2009 to 14 JAN 2010

09127

AIRPORT DIAGRAM

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)
BATON ROUGE, LOUISIANA
AL-40 (FAA)



RWY 4L-22R
S120, D170, ST175, DT300

RWY 4R-22L
S30, D45

RWY 13-31
S120, D170, ST175, DT300

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BTR	APP CRS	Rwy Idg	6407
110.3	130°	TDZE	67
Chan 40		Apt Elev	70

ILS or LOC RWY 13

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

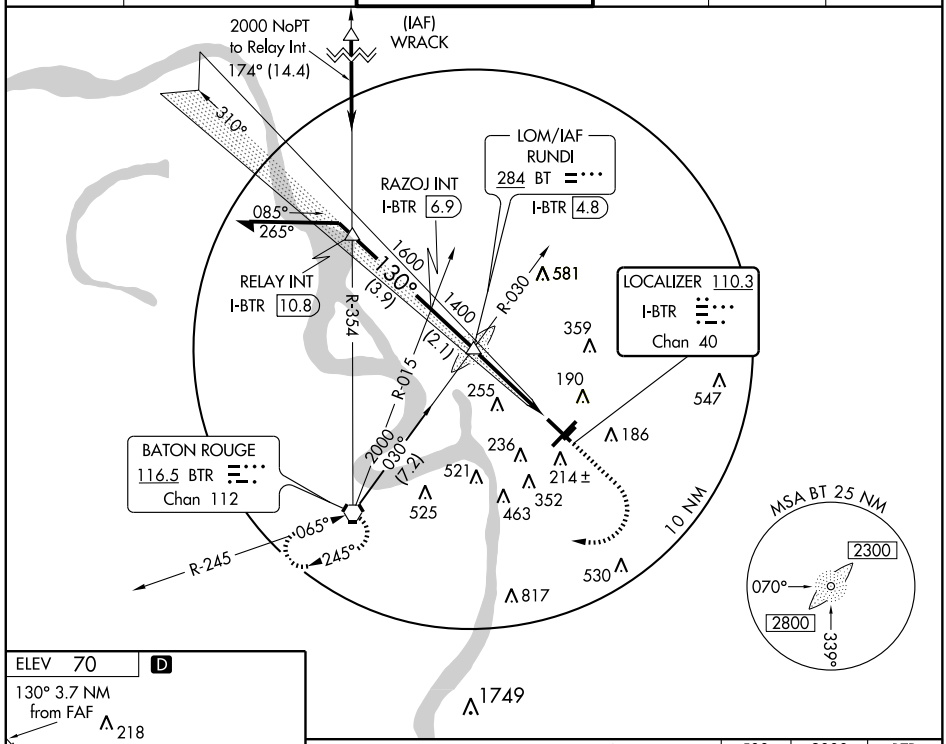
ASR

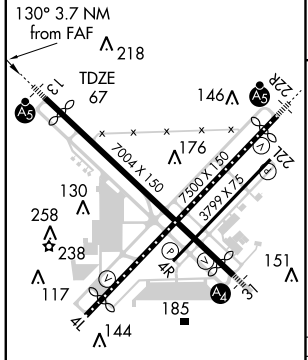
When VGSI inoperative, circling to Rwy 4L NA at night.
* RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 direct BTR VORTAC and hold.

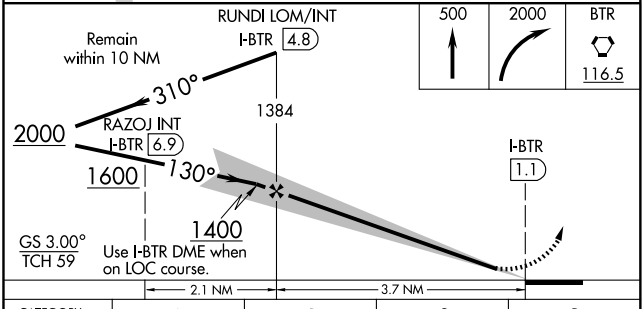
ATIS	BATON ROUGE APP CON *	RYAN TOWER *	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95





TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L

FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14



CATEGORY	A	B	C	D
S-ILS 13	*267/24 200 (200-½)			
S-LOC 13	480/24 413 (500-½)		480/40 413 (500-¾)	
CIRCLING	560-1 490 (500-1)		660-1½ 590 (600-1½)	680-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-CLZ	APP CRS	Rwy Idg	7076
108.7	220°	TDZE	70
Chan 24		Apt Elev	70

ILS or LOC RWY 22R

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

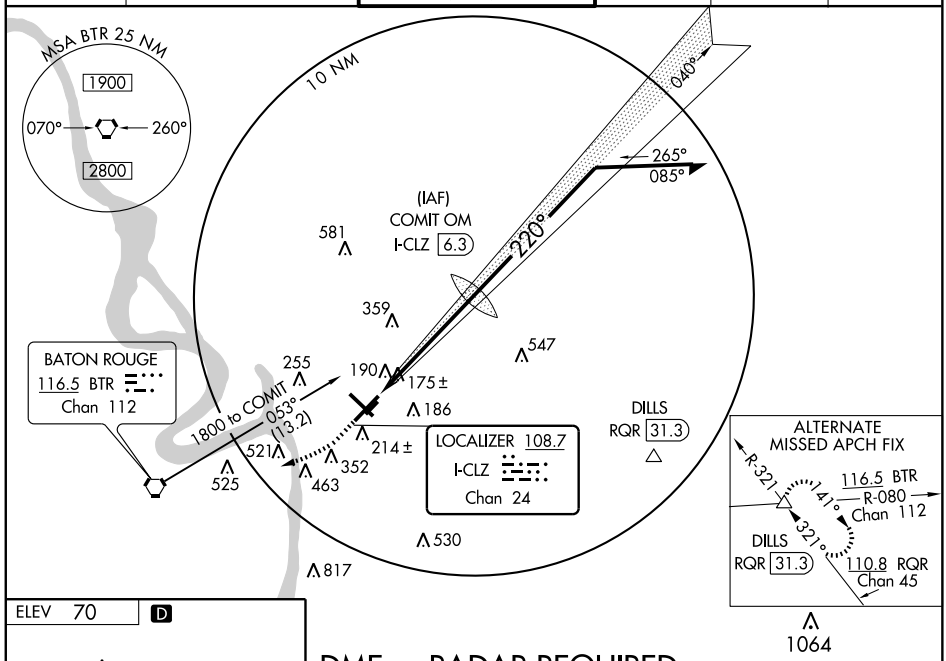
When VGSI inoperative, circling to Rwy 4L NA at night.
When local altimeter setting not received, use Hammond Northshore Rgnl altimeter setting and increase DA 91 feet; increase all MDA 100 feet. Increase S-ILS 22R visibility to RVR 2400, increase S-LOC 22R Cat C/D visibility ¼ mile and circling Cat C/D visibility ½ mile. When using Hammond altimeter setting for inoperative MALSRs, increase S-ILS 22R visibility ½ mile, all Cats.

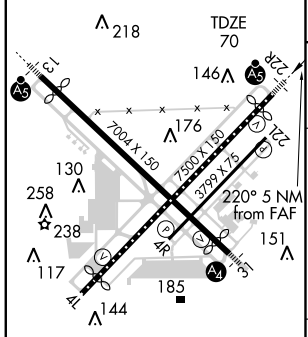
ASR

MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 2200 direct BTR VORTAC.

ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95



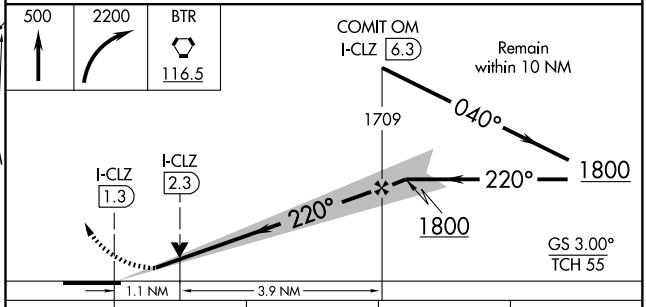


TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

DME or RADAR REQUIRED



CATEGORY	A	B	C	D
S-ILS 22R	270/18 200 (200-½)			
S-LOC 22R	440/24 370 (400-½)			440/40 370 (400-¾)
CIRCLING	560-1 490 (500-1)		660-1½ 590 (600-1½)	680-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOM BT	APP CRS	Rwy Idg	6689
284	311°	TDZE	70
		Apt Elev	70

NDB RWY 31

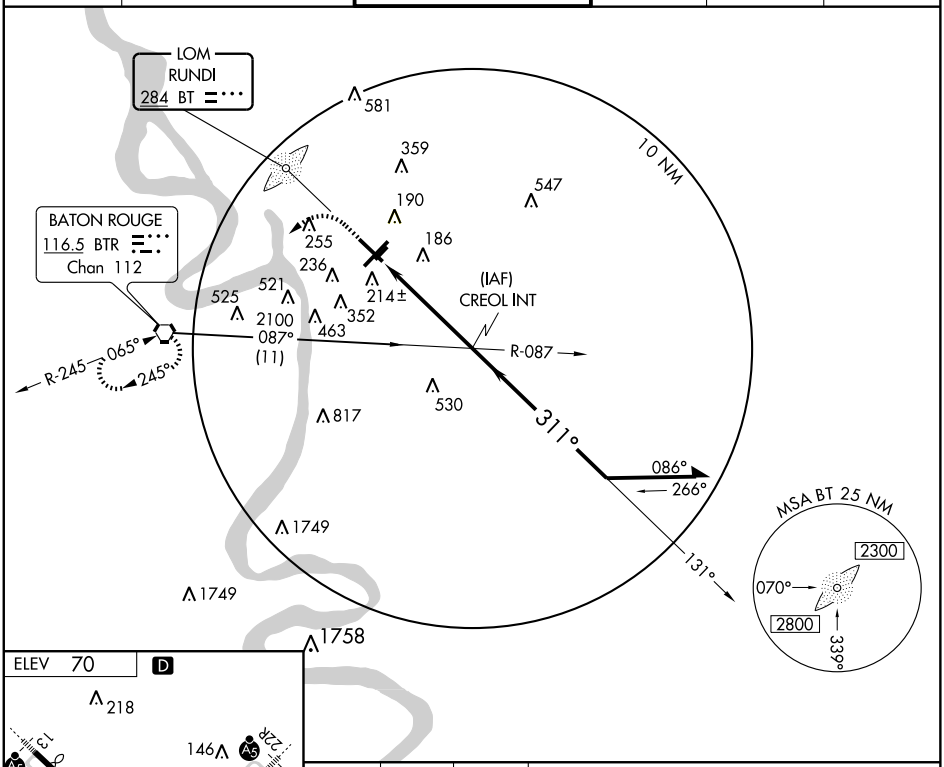
BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

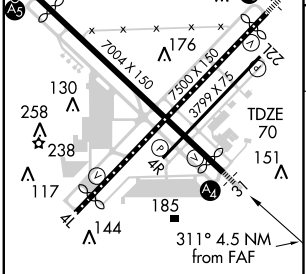
T A ASR Inoperative table does not apply to Cats B and C. When VGSI inoperative, circling to Rwy 4L NA at night.

MALS

MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct BTR VORTAC and hold.

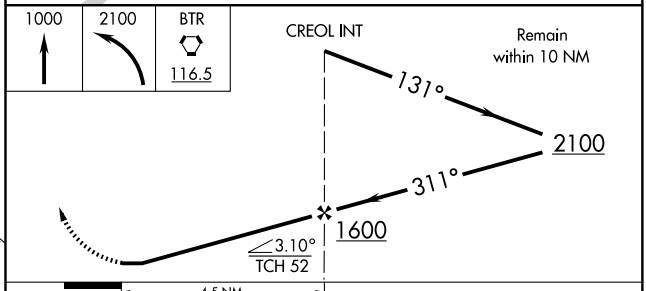
ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95





TDZ/CL Rwys 4L and 22R
HIRL Rwy 13-31 and 4L-22R L
MIRL Rwy 4R-22L

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



CATEGORY	A	B	C	D
S-31	880- ¾ 810 (900- ¾)	880-1 ¼ 810 (900-1 ¼)	880-2 ½ 810 (900-2 ½)	880-2 ¾ 810 (900-2 ¾)
CIRCLING	880-1 810 (900-1)	880-1 ¼ 810 (900-1 ¼)	880-2 ½ 810 (900-2 ½)	880-2 ¾ 810 (900-2 ¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6900
Ch 81825	040°	TDZE	69
W04A		Apt Elev	70

RNAV (GPS) RWY 4L

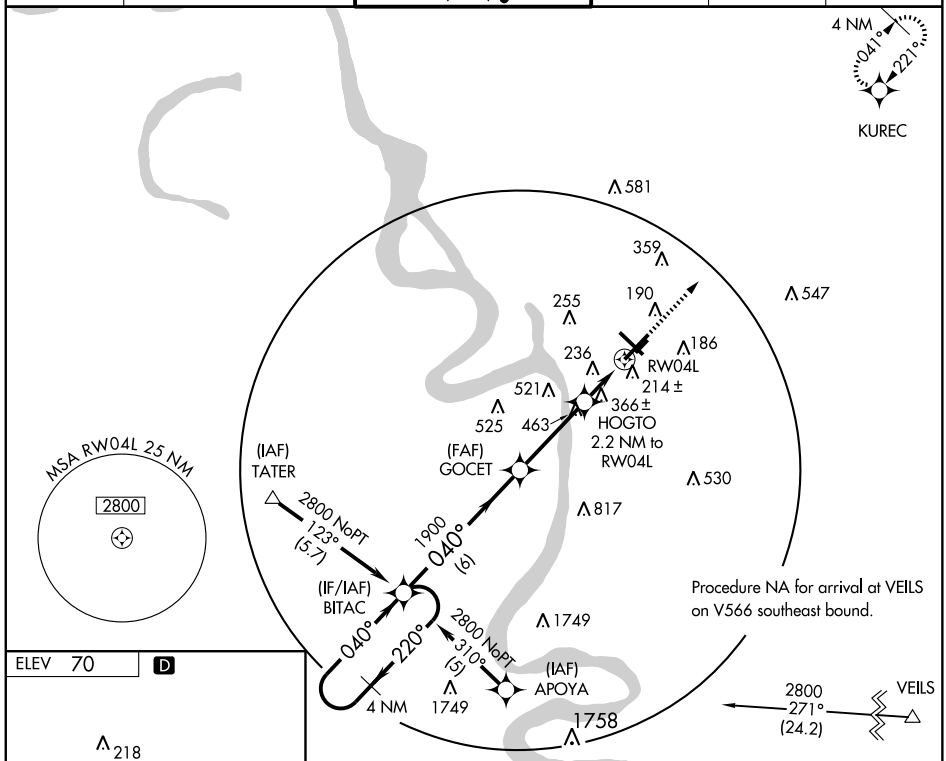
BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

T A ASR

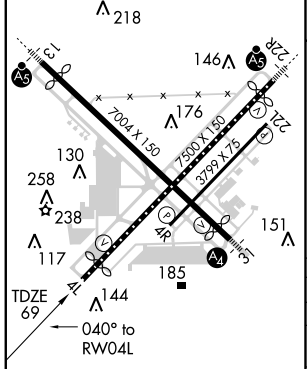
DME/DME RNP-0.3 NA. Baro-VNAV NA below -15°C (5°F). If local altimeter not received, use Hammond Northshore Rgnl altimeter setting and increase all DAs/MDAs 100 feet. Baro-VNAV NA when using Hammond Northshore Rgnl altimeter setting. When VGSI inoperative, straight-in/circling Rwy 4L procedure NA at night.

MISSED APPROACH: Climb to 2000 direct KUREC and hold.

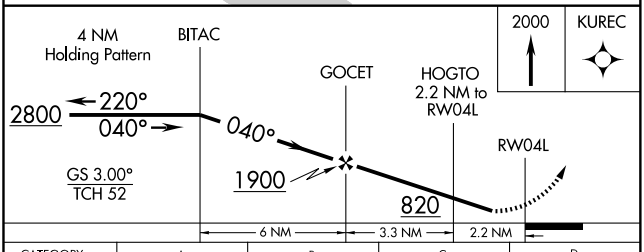
ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95



ELEV 70 D



TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L



CATEGORY	A	B	C	D
LPV DA	382-1 313 (400-1)			
LNAV/VNAV DA	667-2 598 (600-2)			
LNAV MDA	620-1 551 (600-1)		620-1½ 551 (600-1½)	620-1¾ 551 (600-1¾)
CIRCLING	680-2 610 (700-2)			

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6407
130°	TDZE	67
	Apt Elev	70

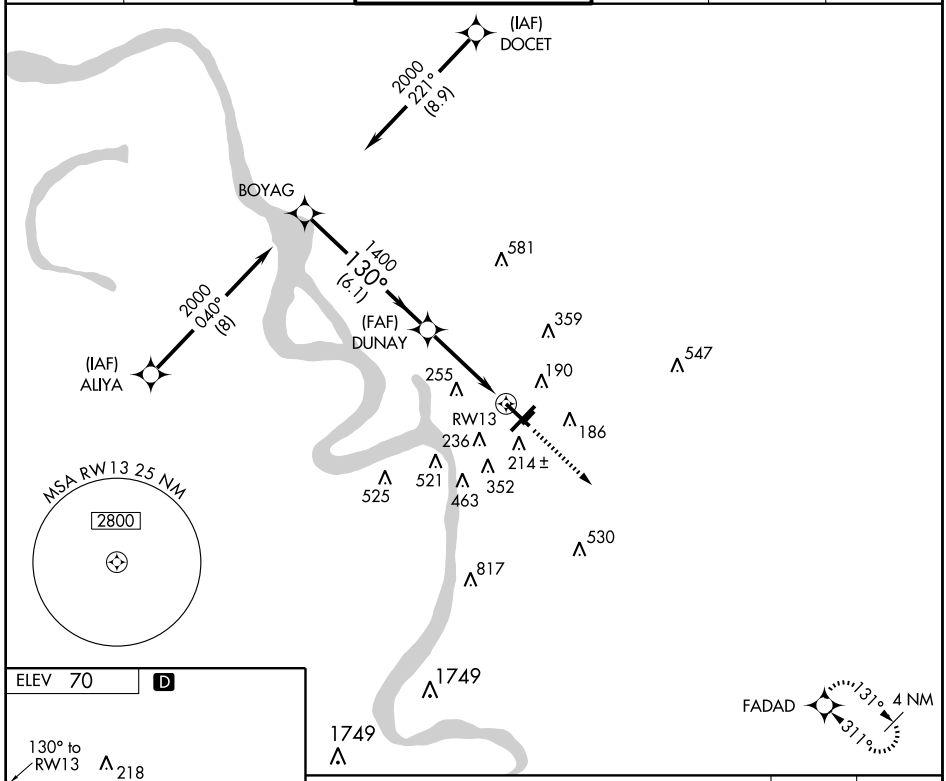
RNAV (GPS) RWY 13

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

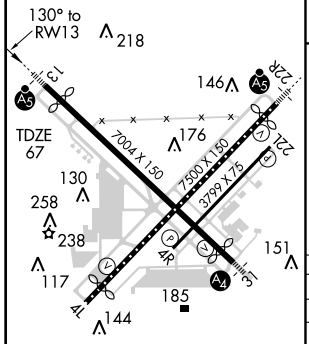
T ANA ASR — DME/DME RNP-0.3 NA. Baro-VNAV NA below -15°C (5°F). When VGSI inoperative, circling to Rwy 4L NA at night. Inoperative MALSR, increase LNAV Cat A and B visibility to RVR 5000.

MALSR — MISSED APPROACH: Climb to 2300 direct FADAD and hold.

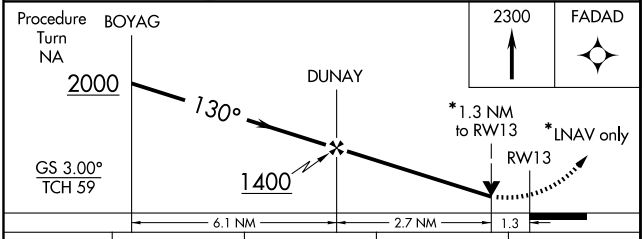
ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95



ELEV 70 D



TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	540/50 473 (500-1)			
LNAV MDA	540/40 473 (500-¾)			540/50 473 (500-1)
CIRCLING	560-1½ 490 (500-1½)		660-1½ 590 (600-1½)	680-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7076
Ch 86225	221°	TDZE	70
W22A		Apt Elev	70

RNAV (GPS) RWY 22R

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

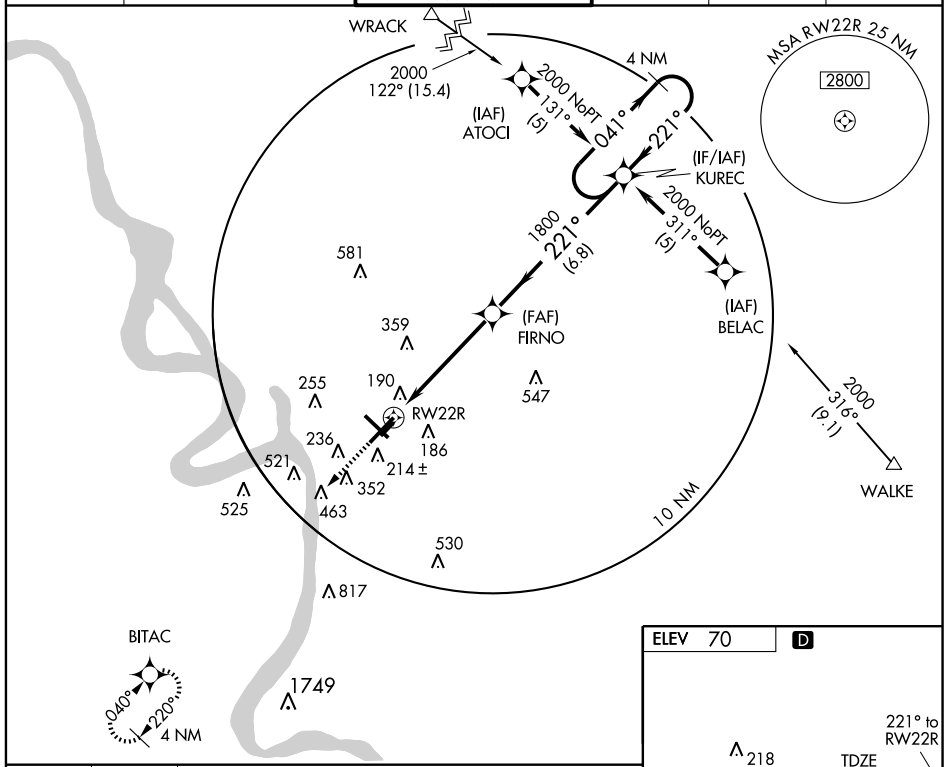
DME/DME RNP-0.3 NA. Baro-VNAV NA below -15°C (5°F). If local altimeter not received, use Hammond Northshore Rgnl altimeter setting and increase all DAs/MDAs 100 feet. For inoperative MALSR increase LPV visibility to RVR 5000 all CATs. Baro-VNAV and VDP NA when using Hammond Northshore Rgnl altimeter setting. When VGSI inoperative, circling Rwy 4L NA at night.

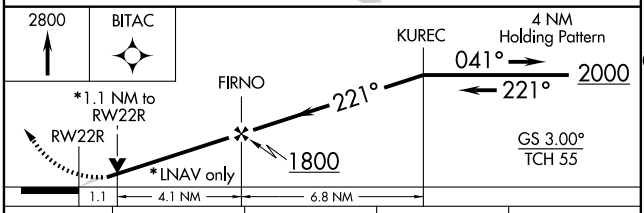
ASR

MALSR

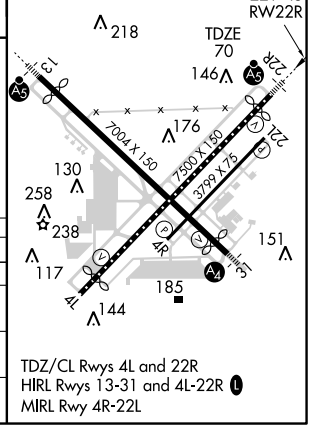
MISSED APPROACH: Climb to 2800 direct BITAC and hold.

ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95





CATEGORY	A	B	C	D
LPV DA	384/24 314 (400-½)			
LNAV/VNAV DA	529/50 459 (500-1)			
LNAV MDA	480/24 410 (500-½)		480/40 410 (500-¾)	480/50 410 (500-1)
CIRCLING	560-1½ 490 (500-1½)		660-1½ 590 (600-1½)	680-2 610 (700-2)



TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS Ch 90125 W31A	APP CRS 311°	Rwy Idg 6689 TDZE 70 Apt Elev 70

RNAV (GPS) RWY 31

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

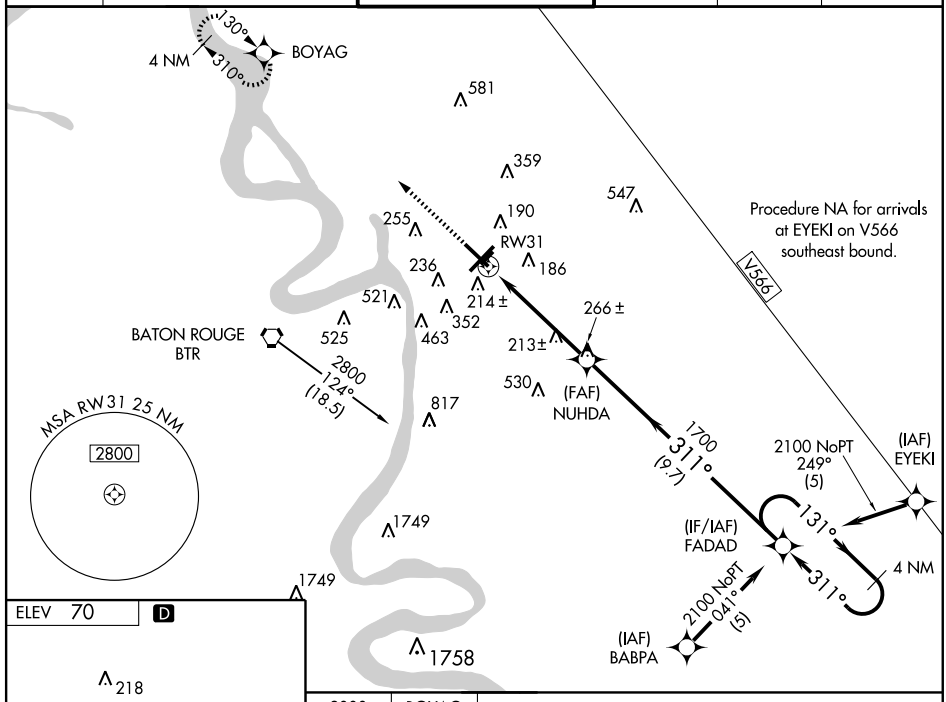
T A ASR

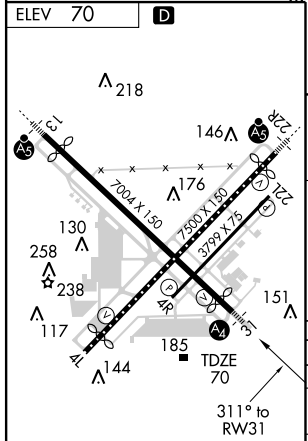
DME/DME RNP-0.3 NA. BARO-VNAV NA below -15°C (5°F). If local altimeter not received, use Hammond Northshore Rgnl altimeter setting and increase all DAs/MDAs 100 feet. BARO-VNAV and VDP NA when using Hammond Northshore Rgnl altimeter setting. Inoperative table does not apply to LPV, LNAV/VNAV all Cats and LNAV Cats C and D. When VGSI inoperative, circling Rwy 4L NA at night.

MALS A4

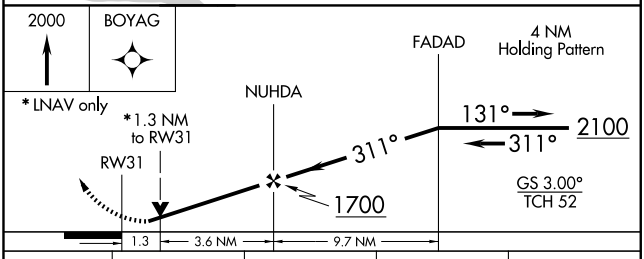
MISSED APPROACH: Climb to 2000 direct BOYAG and hold.

ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95





TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L



CATEGORY	A	B	C	D
LPV DA	394-1 324 (400-1)			
LNAV/ VNAV DA	462-1¼ 392 (400-1¼)			
LNAV MDA	520-¾ 450 (500-¾)		520-1¼ 450 (500-1¼)	520-1½ 450 (500-1½)
CIRCLING	560-1¼ 490 (500-1¼)		660-1½ 590 (600-1½)	680-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC BTR	APP CRS	Rwy Idg	7076
116.5	240°	TDZE	70
Chan 112		Apt Elev	70

VOR/DME RWY 22R

BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

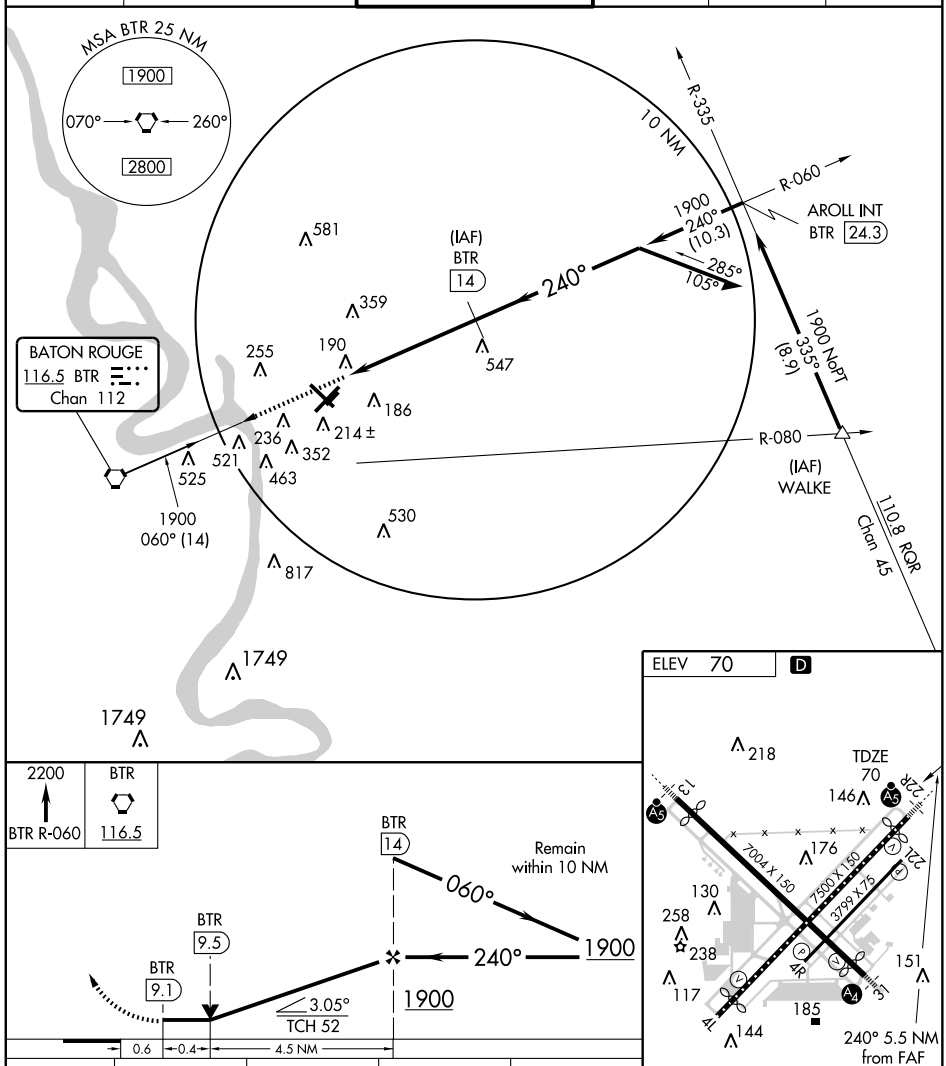
ASR

When VGSI inoperative, circling to Rwy 4L NA at night. Inoperative table does not apply.

MALSR

MISSED APPROACH: Climb to 2200 via BTR R-060 to BTR VORTAC.

ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95



CATEGORY	A	B	C	D
S-22R	480/50	410 (500-1)	480/60	410 (500-1¼)
CIRCLING	560-1	490 (500-1)	660-1½ 590 (600-1½)	680-2 610 (700-2)

TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 and 4L-22R L
MIRL Rwy 4R-22L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC BTR	APP CRS	Rwy Idg	6900
116.5	065°	TDZE	70
Chan 112		Apt Elev	70

VOR RWY 4L

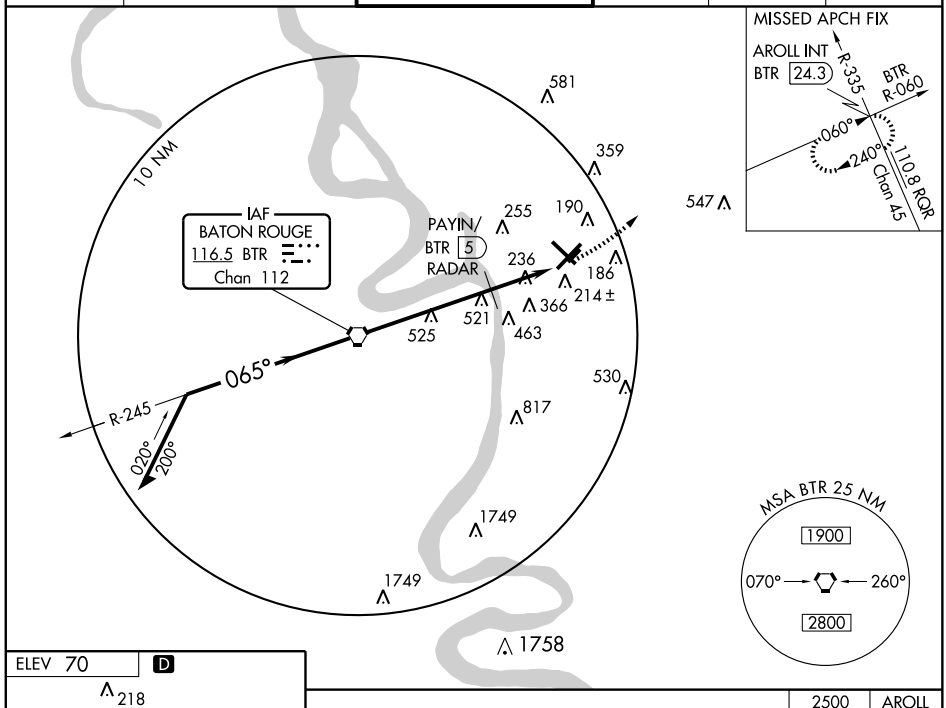
BATON ROUGE METROPOLITAN, RYAN FIELD (BTR)

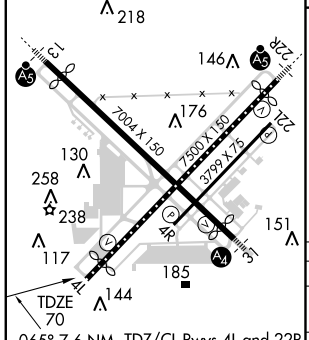
ASR

NoPT for arrivals on BTR VORTAC airway radials 239 CW 301. When VGSI inoperative, straight-in/circling Rwy 4L procedure NA at night.

MISSED APPROACH: Climb to 2500 via BTR R-060 to AROLL INT and hold.

ATIS	BATON ROUGE APP CON ★	RYAN TOWER ★	GND CON	CLNC DEL	UNICOM
125.2	120.3 278.3	118.45 (CTAF) L 257.8	121.9	119.4	122.95

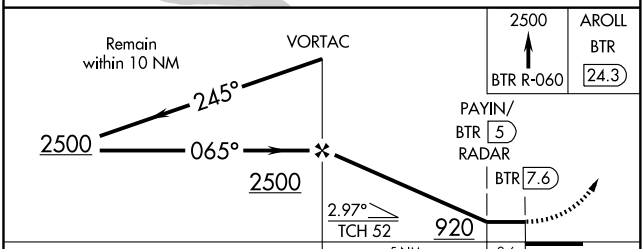




065° 7.6 NM from FAF

TDZ/CL Rwys 4L and 22R
HIRL Rwys 13-31 L and 4L-22R L
MIRL Rwy 4R-22L

FAF to MAP 7.6 NM					
Knots	60	90	120	150	180
Min:Sec	7:36	5:04	3:48	3:02	2:32



CATEGORY	A	B	C	D
S-4L	920-1 850 (900-1)	920-1¼ 850 (900-1¼)	920-2½ 850 (900-2½)	920-2¾ 850 (900-2¾)
CIRCLING	920-1 850 (900-1)	920-1¼ 850 (900-1¼)	920-2½ 850 (900-2½)	920-2¾ 850 (900-2¾)
PAYIN FIX MINIMUMS				
S-4L	620-1 550 (600-1)		620-1½ 550 (600-1½)	620-1¾ 550 (600-1¾)
CIRCLING	620-1 550 (600-1)		660-1½ 590 (600-1½)	680-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-BXA	APP CRS	Rwy Idg	4406
111.1	183°	TDZE	119
		Apt Elev	119

LOC RWY 18

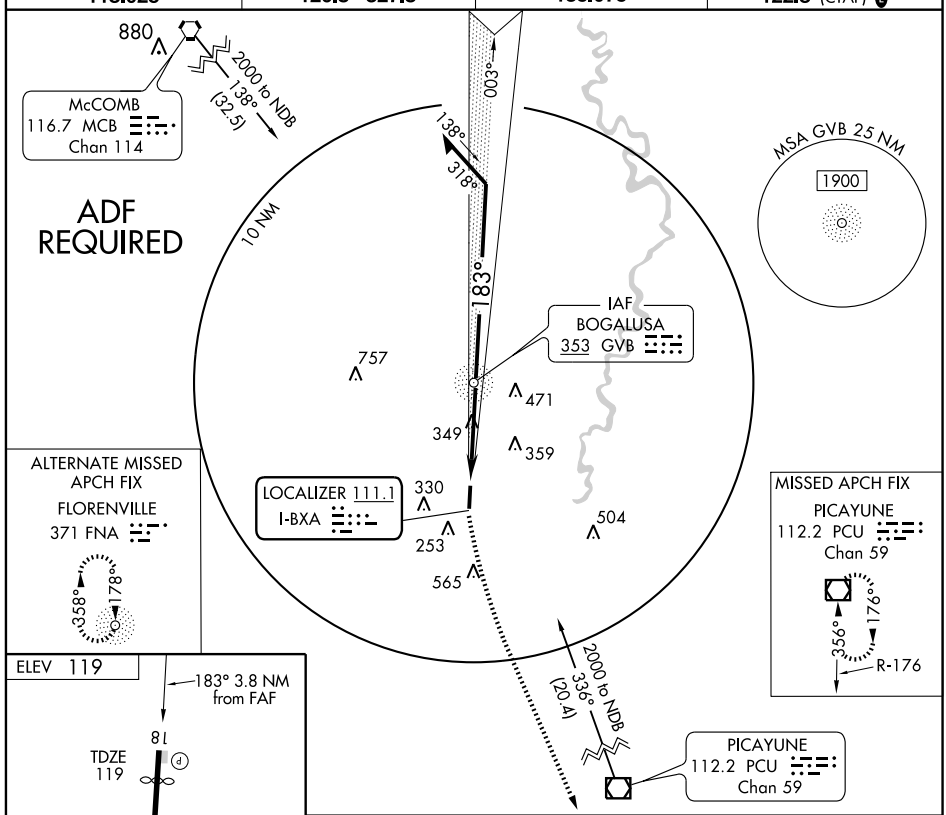
BOGALUSA/ GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

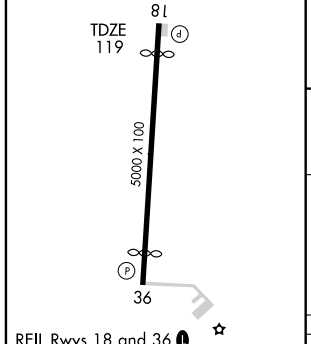
Visibility reduction by helicopters NA. When local altimeter setting not received; use Lakefront altimeter setting and increase all MDA 140 feet; increase S-18 Cat C visibility ½ mile and Circling Cat C visibility ½ mile. ADF Required

NA

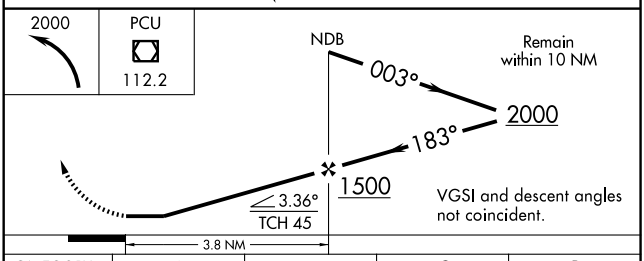
MISSED APPROACH: Climbing left turn to 2000 direct PCU VOR/DME and hold.

AWOS-3	HOUSTON CENTER	GCO	UNICOM
118.025	126.8 327.8	135.075	122.8 (CTAF) L





REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L



FAF to MAP 3.8 NM					
Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

CATEGORY	A	B	C	D
S-18	600-1	481 (500-1)	600-1¼ 481 (500-1¼)	NA
CIRCLING	620-1	501 (600-1)	720-1¾ 601 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4406
CH 72613	183°	TDZE	119
W18A		Apt Elev	119

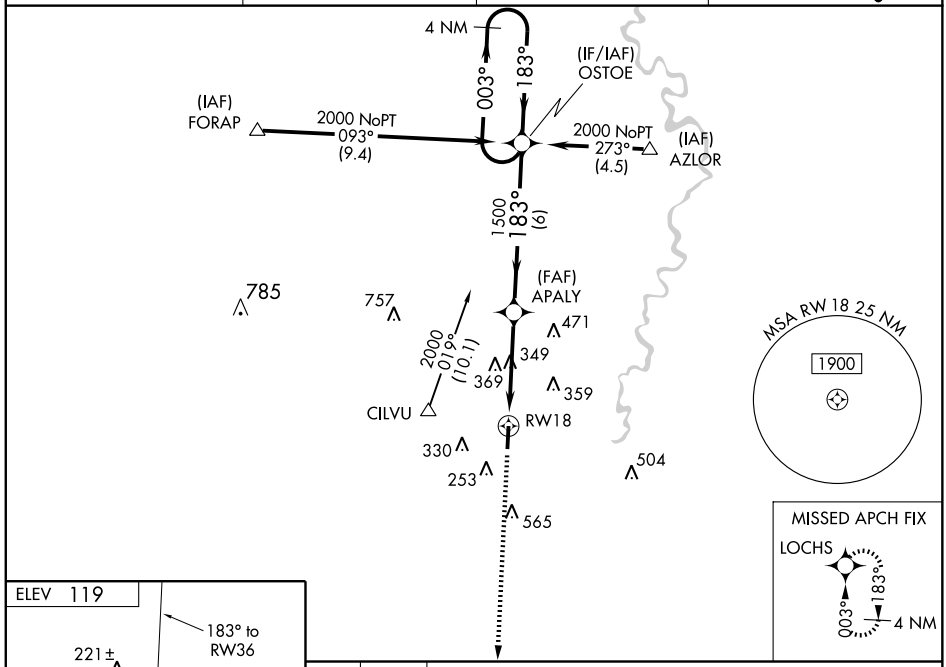
RNAV (GPS) RWY 18

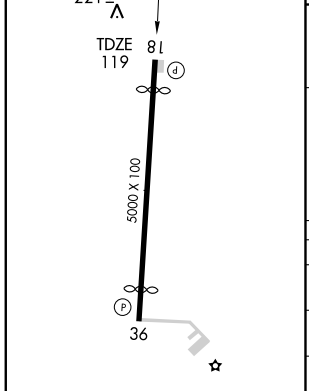
BOGALUSA/ GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

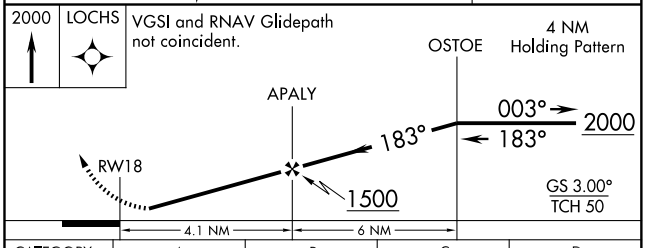
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5° F) or above 54° C (130° F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
▼ Baro-VNAV NA when using Lakefront altimeter setting. When local altimeter setting not received, use Lakefront altimeter setting and increase all DA 124 feet and all MDA 140 feet, increase LPV and LNAV/VNAV all Cats. visibility ½ mile, increase LNAV Cat. C visibility ¼ mile, and increase Circling Cat. C visibility ½ mile.

MISSED APPROACH: Climb to 2000 direct LOCHS and hold.

AWOS-3	HOUSTON CENTER	GCO	UNICOM
118.025	126.8 327.8	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	463-1¼ 344 (400-1¼)			NA
LNAV/VNAV DA	532-1½ 413 (500-1½)			NA
LNAV MDA	620-1 501 (600-1)		620-1½ 501 (600-1½)	NA
CIRCLING	620-1 501 (600-1)		720-1¾ 601 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4395
CH 62913	003°	TDZE	117
W36A		Apt Elev	119

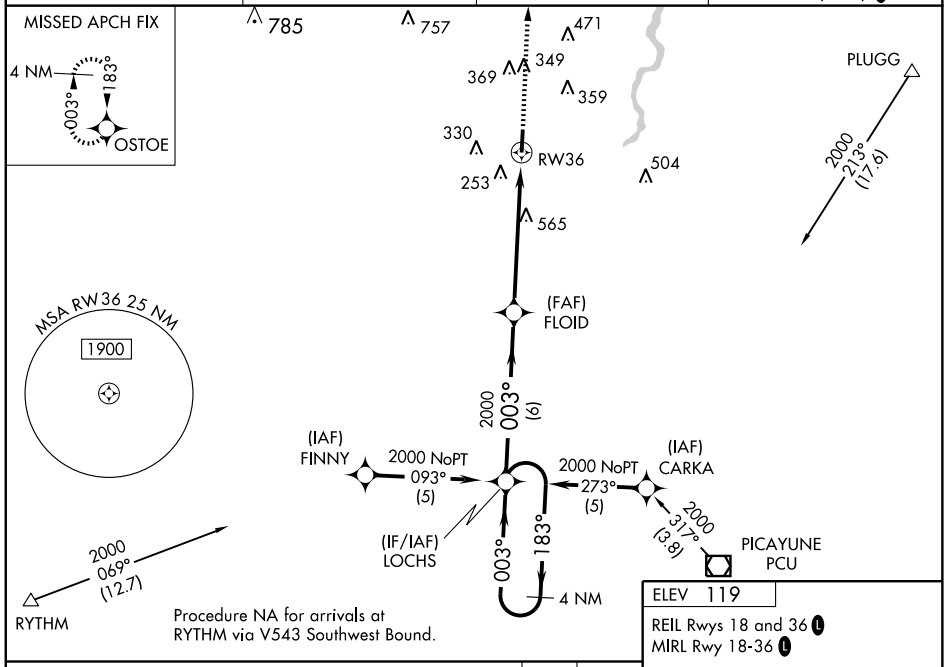
RNAV (GPS) RWY 36

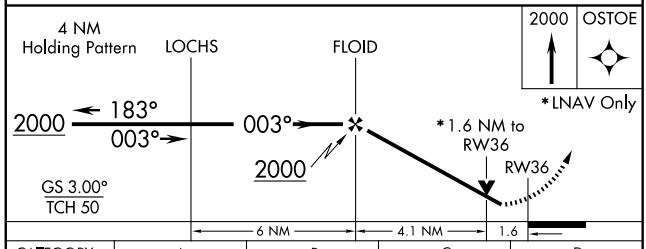
BOGALUSA/ GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5° F) or above 54° C (130° F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
VDP and Baro-VNAV NA when using Lakefront altimeter setting. When local altimeter setting not received, use Lakefront altimeter setting and increase all DA 124 feet and all MDA 140 feet, increase LPV all Cats. visibility ½ mile, increase LNAV and Circling Cat. B visibility ¼ mile, increase LNAV and Circling Cat. C visibility ½ mile, increase LNAV/VNAV all Cats. visibility 1 mile.

MISSED APPROACH: Climb to 2000 direct OSTOE and hold.

AWOS-3	HOUSTON CENTER	GCO	UNICOM
118.025	126.8 327.8	135.075	122.8 (CTAF) L

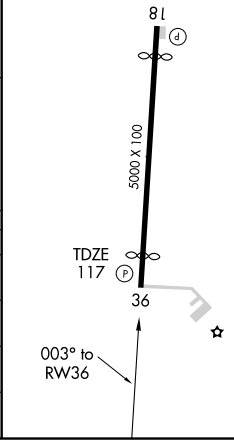




CATEGORY	A	B	C	D
LPV DA	470-1¼ 353 (400-1¼)			NA
LNAV/VNAV DA	981-3 864 (900-3)			NA
LNAV MDA	820-1 703 (800-1)		820-2 703 (800-2)	NA
CIRCLING	820-1 701 (800-1)		820-2 701 (800-2)	NA

ELEV 119

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L



SC-4, 17 DEC 2009 to 14 JAN 2010

PCU VOR/DME 112.2 Chan 59	APP CRS 150°	Rwy Idg N/A TDZE N/A Apt Elev 119

VOR/DME-A

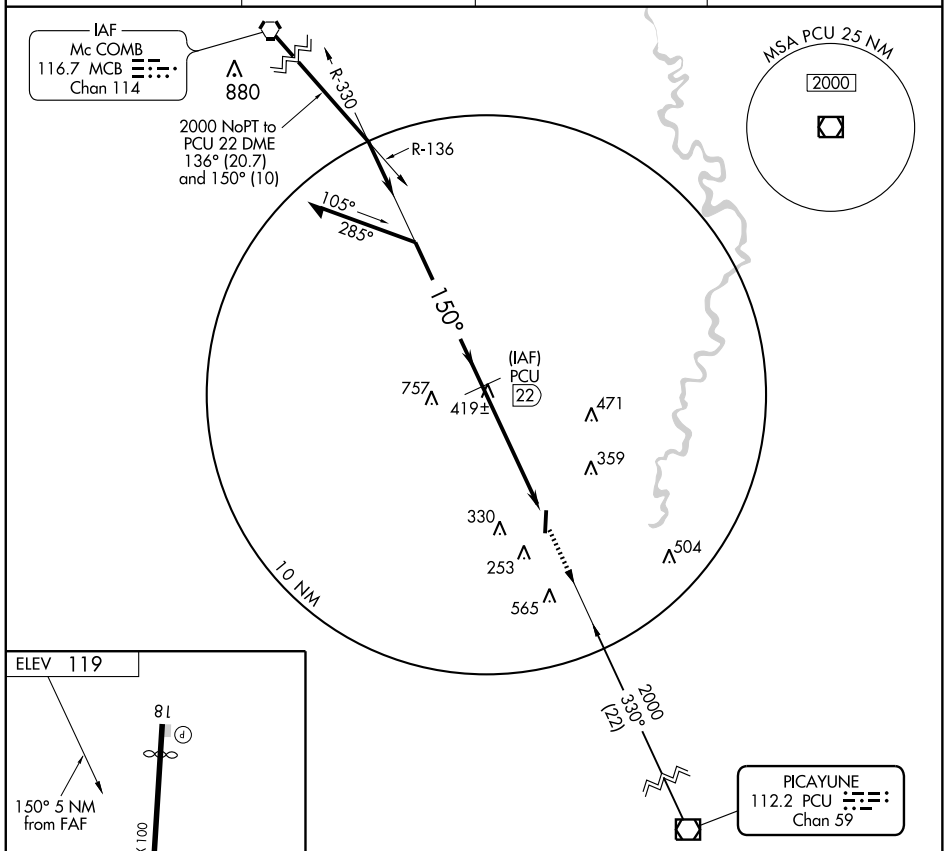
BOGALUSA/GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

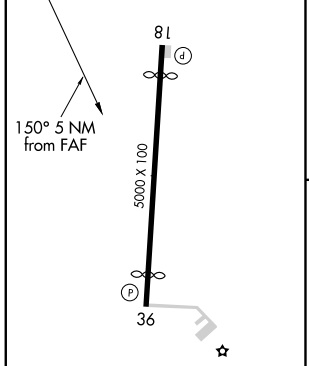
If local altimeter setting not received; use New Orleans Lakefront altimeter setting and increase all MDAs 220 feet.

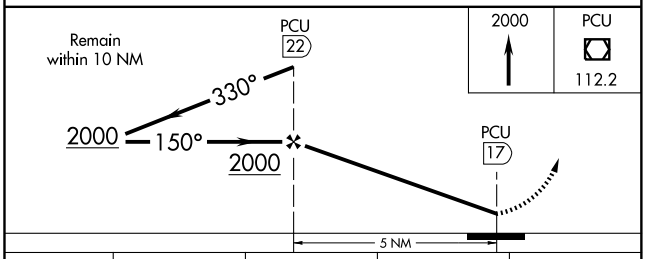
NA

MISSED APPROACH: Climb to 2000 direct PCU VOR/DME.

AWOS-3	HOUSTON CENTER	GCO	UNICOM
118.025	126.8 327.8	135.075	122.8 (CTAF) L



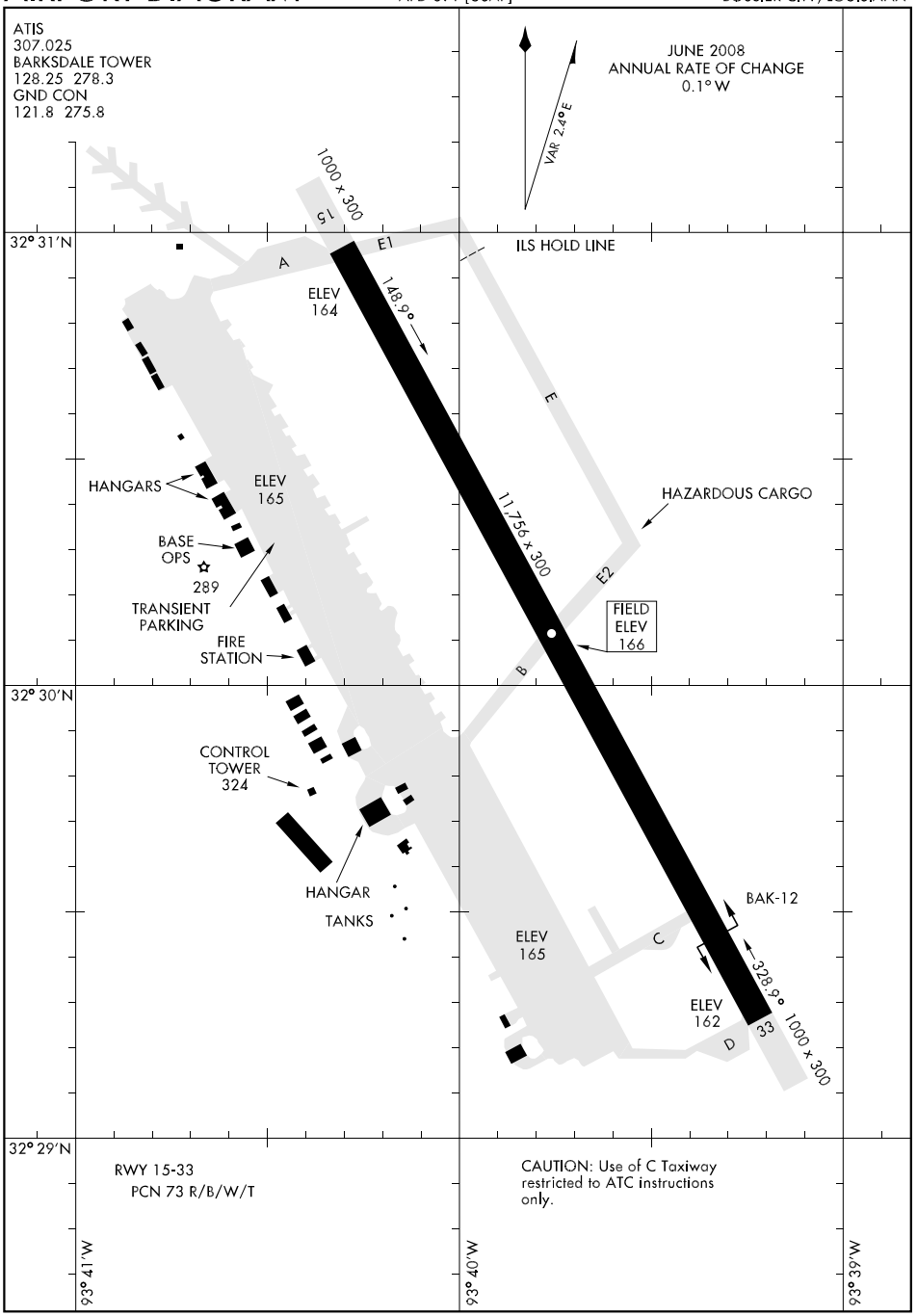




REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
CIRCLING	680-1 561 (600-1)		720-1¾ 601 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 15

LOC I-JKC	APCH CRS	Rwy ldg 11,756 / TDZE 166 / Arpt Elev 166	JAL-391 [USAF]	BARKSDALE AFB (KBAD)
108.9	146°			

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ mile, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

ALSF-1

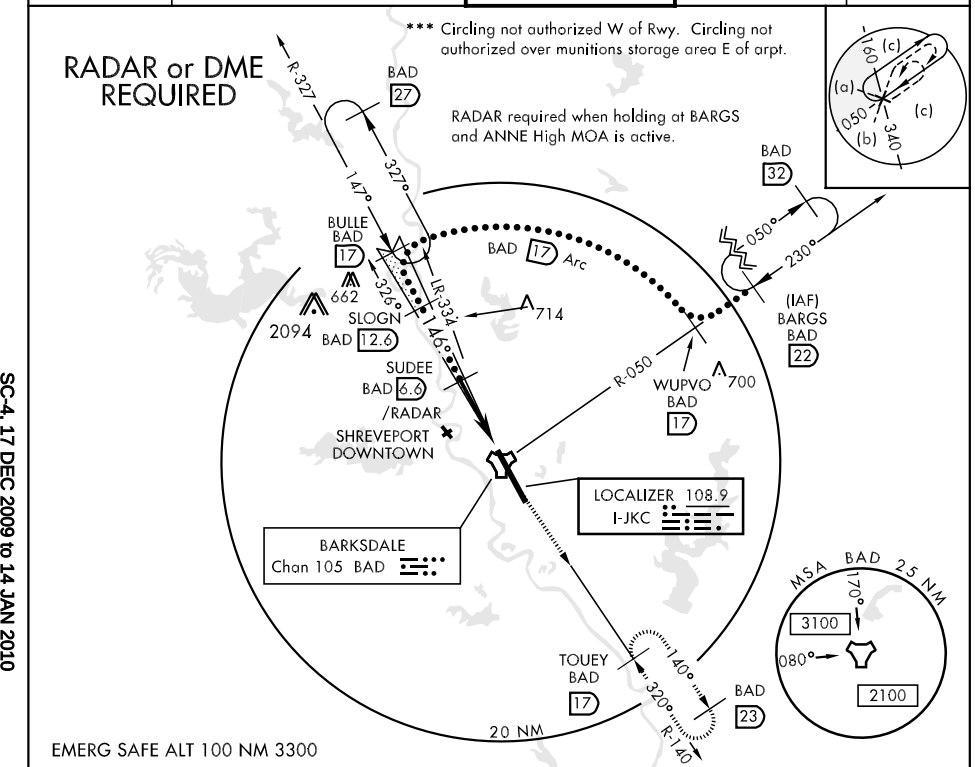
MISSED APPROACH: Climb to 3000 via BAD R-140 direct TOUEY and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

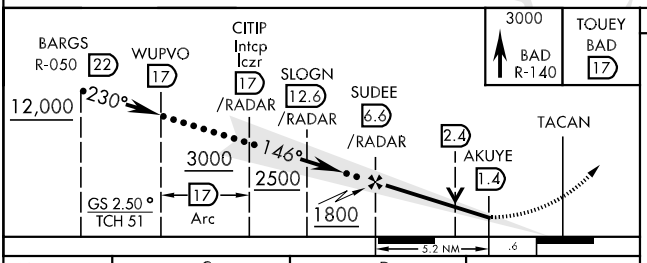
*** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

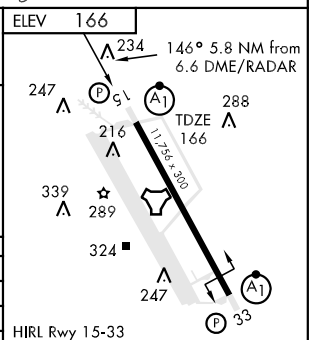
RADAR or DME REQUIRED

RADAR required when holding at BARGS and ANNE High MOA is active.



EMERG SAFE ALT 100 NM 3300





CATEGORY	C	D	E
S-ILS 15 *	366/24	200	(200-½)
S-LOC 15 **	640/40 474 (500-¾)	640/50 474 (500-1)	640/60 474 (500-1¼)
CIRCLING ***	NOT AUTHORIZED	720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 15 **	660/40 494 (500-¾)	660/50 494 (500-1)	660/60 494 (500-1¼)

FAF to MAP 5.2 NM

Knots	120	140	160	180	200
Min:Sec	2:36	2:14	1:57	1:44	1:34

HI-ILS Y RWY 33

LOC I-BAD	APCH CRS	Rwy ldg 11,756 / TDZE 163 / Arpt Elev 166
109.9	326°	

JAL-391 [USAF]

BARKSDALE AFB (KBAD)

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase vis CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

ALSF-1 (A1)

MISSED APPROACH: Climb to 3100 direct to EIC VORTAC and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

*** Circling not authorized W of Rwy.
Circling not authorized over munitions storage area E of arpt.

† When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

R-351
171°
351°
BELCHER
117.4 EIC
Chan 121

2094

CAUTION: Glideslope unreliable inside DH.

SHREVEPORT DOWNTOWN

1049

CAUTION: Localizer unusable for COUPLED approaches below 394'.

LOCALIZER 109.9
I-BAD

RADAR or DME REQUIRED

R-302

BARKSDALE
Chan 105 BAD

LERNK
EMG
3

122°
302°

IAF
ELM GROVE
111.2 EMG
Chan 49

FEBOM
EMG 1.3
/RADAR

127°
847
326°
422
146°
R-127
20 NM
EMG
R-149

M.S.A EMG 25 NM
3100

EMERG SAFE ALT 100 NM 3300

(c) 192
(a)
(c) 302
012
(b)

3100 | EIC

EMG VORTAC
12,000
127°
FEBOM
EMG
1.3
/RADAR
VOR
329°
326°
Right at 8000
Remain within 23 NM of ELM GROVE.
LERNK
EMG
3
EMG
4.5
APDAG
EMG 5.4
TACAN
2200
1000
GS 2.50°
TCH 48
0.5
6.7 NM

ELEV 166

247
288
339
289
255
11,756 x 300
326° 7.2 NM from FAF
324
176
247
TDZE 161
HIRL Rwy 15-33
33

CATEGORY	C	D	E
S-ILS 33 *	363/24 200 (200-½)		
S-LOC 33 **	620/40 457 (500-¾)	620/50 457 (500-1)	
CIRCLING ***	NOT AUTHORIZED	720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 33 †	660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)

FAF to MAP 6.7 NM

Knots	120	140	160	180	200
Min:Sec	2:42	2:19	2:01	1:48	1:37

HI-ILS Z RWY 33

LOC I-BAD	APCH CRS	Rwy ldg 11,756 TDZE 163 Arpt Elev 166
109.9	326°	

JAL-391 [USAF]

BARKSDALE AFB (KBAD)

*When ALS inop, increase RVR to 40 and vis to ¾ mile.
**When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

ALSF-1

MISSED APPROACH: Climb to 3100 direct to EIC VORTAC and hold.

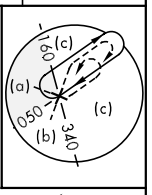
ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

RADAR or DME REQUIRED

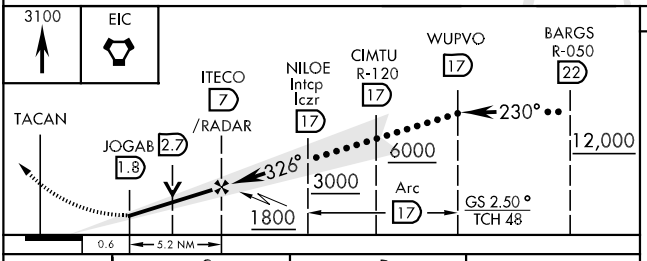
*** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

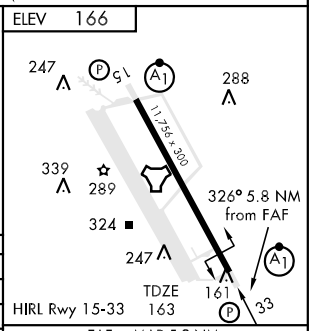
† When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

RADAR required when holding at BARGS and ANNE High MOA is active.



R-351
171°
351°
BELCHER
117.4 EIC
Chan 121
2094
LOCALIZER 109.9
I-BAD
CAUTION: Localizer unusable for COUPLED approaches below 394'.
CAUTION: Glideslope unreliable inside DH.
SHREVEPORT DOWNTOWN
BARKSDALE
Chan 105 BAD
ITECO
BAD
7
/RADAR
WUPVO
BAD
17
BAD
32
050°
230°
R-050
(IAF)
BARGS
BAD
22
700
Arc
17
R-120
LR-139
454
326°
CIMTU
BAD
17
MSA BAD 25 NM
170°
3100
080°
2100
700
847
NILOE
BAD
17
146°
326°
BAD
23
20 NM
146°
R-145
EMERG SAFE ALT 100 NM 3100





CATEGORY	C	D	E
S-ILS 33 *	363/24 200 (200-½)		
S-LOC 33**	620/40 457 (500-¾)	620/50 457 (500-1)	
CIRCLING***	NOT AUTHORIZED	720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 33 †	660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)

FAF to MAP 5.2 NM

Knots	120	140	160	180	200
Min:Sec	2:36	2:14	1:57	1:44	1:34

HI-TACAN RWY 15

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
BAD Chan 105	155°	11,756	166	166

JAL-391 [USAF]

BARKSDALE AFB (KBAD)

*When ALS inop, increase vis CAT C RVR to 60 and vis to 1¼ mile, CAT D vis to 1½ mile, CAT E vis to 1¾ miles.
**Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

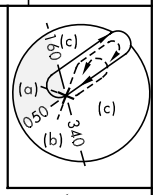
ALSF-1

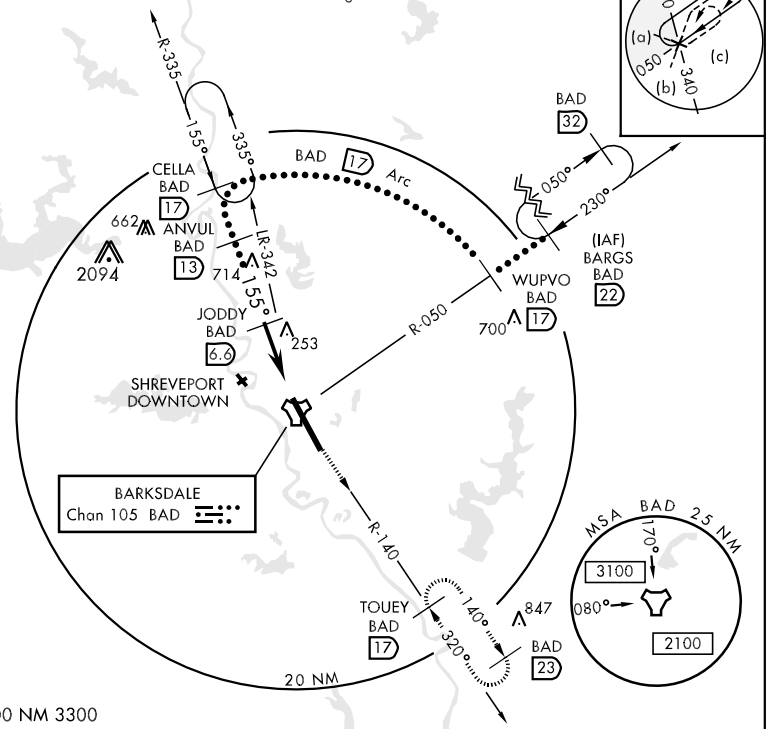
MISSED APPROACH: Climb to 3000 via BAD R-140 direct TOUEY and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

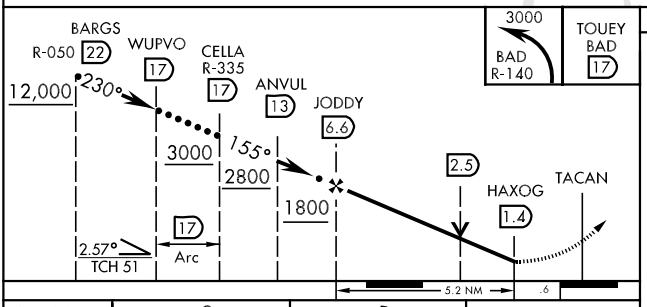
*** When ALS inop, increase vis all CAT ½ mile.

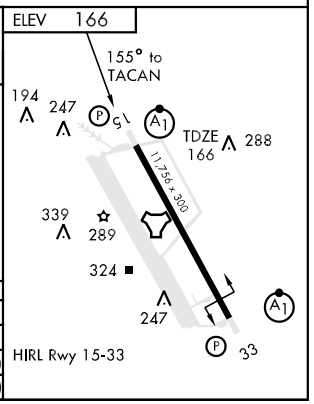
RADAR required when holding at BARGS and ANNE High MOA is active.





EMERG SAFE ALT 100 NM 3300





CATEGORY	C	D	E
S-15 *	800/60 634 (700-1½)	800-1½ 634 (700-1½)	800-1¾ 634 (700-1¾)
CIRCLING**	NOT AUTHORIZED	800-2 634 (700-2)	800-2¼ 634 (700-2¼)
S-ASR 15***	660/40 494 (500-¾)	660/50 494 (500-1)	660/60 494 (500-1¼)

HI-TACAN RWY 33

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
BAD Chan 105	320°	11,756	163	166

JAL-391 [USAF]

BARKSDALE AFB (KBAD)

* When ALS inop, increase vis all CAT ½ mile.
** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

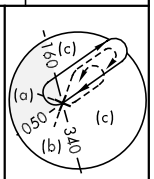
ALSF-1

MISSED APPROACH: Climb to 3000 via BAD R-335 direct CELLA and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.8 278.3	121.8 275.8	

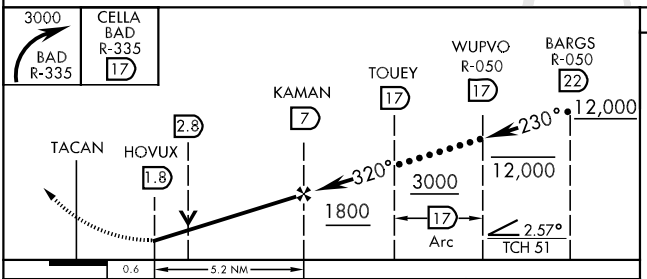
***Circling not authorized W of Rwy.
Circling not authorized over munitions storage area E of arpt.

RADAR required when holding at BARGS and ANNE High MOA is active.

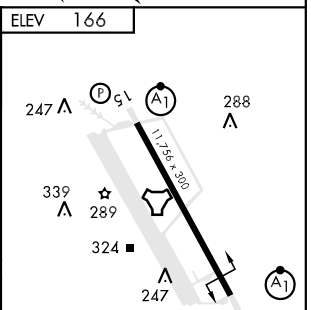


R-335
155°
335°
CELLA
BAD
17
662
2094
BAD
32
050°
230°
WUPVO
BAD
17
(IAF)
BARGS
BAD
22
R-050
SHREVEPORT
DOWNTOWN
200
236
KAMAN
BAD
7
Arc
BARKSDALE
Chan 105 BAD
BAD
17
320°
MSA BAD 25 NM
170°
3100
080°
2100
TOUEY
BAD
17
547
847
20 NM
R-140
LR-132

EMERG SAFE ALT 100 NM 3300



ELEV 166



CATEGORY	C	D	E
S-33 *	640/40 477 (500-¾)	640/50 477 (500-1)	640/60 477 (500-1¼)
CIRCLING***	NOT AUTHORIZED	720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 33**	660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)

HI-VOR/DME RWY 33

VORTAC EMG	APCH CRS	Rwy ldg 11,756
111.2	323°	TDZE 163
Chan 49		Arpt Elev 166

JAL-391 [USAF]

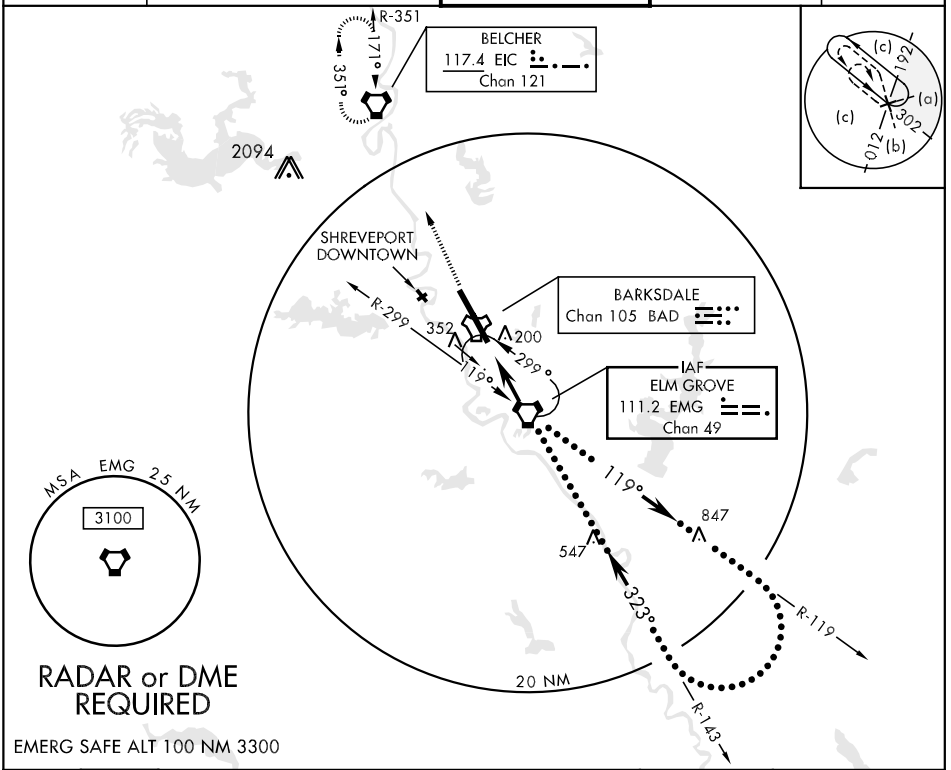
BARKSDALE AFB (KBAD)

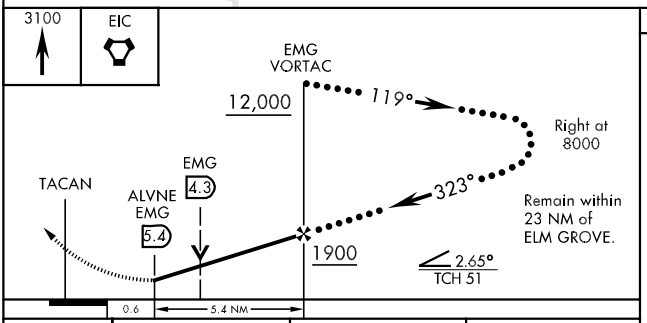
* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

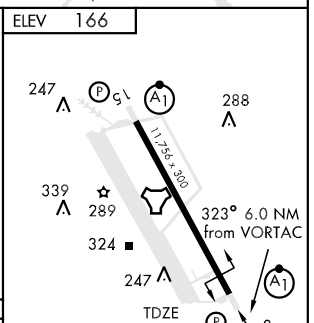
ALSF-1

MISSED APPROACH: Climb to 3100 direct to EIC VORTAC and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	







CATEGORY	C	D	E
S-33 *	660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)
CIRCLING **	NOT AUTHORIZED	720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 33 *	660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)

HIRL Rwy 15-33

FAF to MAP 5.4 NM

Knots	120	140	160	180	200
Min:Sec	2:42	2:19	2:01	1:48	1:37

ILS RWY 33

LOC I-BAD	APCH CRS	Rwy ldg 11,756 TDZE 163 Arpt Elev 166
109.9	326°	

AL-391 [USAF]

BARKSDALE AFB (KBAD)

* When ALS inop, increase RVR to 40 and vis to ¾ miles.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

ALSF-1

MISSED APPROACH: Climb to 3100 direct EIC VORTAC and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

*** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of airport.

† When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis 1½ miles, CAT E vis to 1¾ miles.

BELCHER 117.4 EIC Chan 121

LOCALIZER 109.9 I-BAD

BARKSDALE Chan 105 BAD

RADAR or DME REQUIRED

CAUTION: Localizer unusable for COUPLED approaches below 394'.

CAUTION: Glideslope unreliable inside DH.

ENROUTE FACILITIES

ITECO BAD 7 /RADAR

(IAF) NILOE BAD 17

BAD 23

10 NM

MSA BAD 2.5 NM 170° 3100 080° 2100

EMERG SAFE ALT 100 NM 3300

3100 EIC 117.4

TACAN JOGAB 1.8 ITECO 7 /RADAR 2.7 NILOE 17

326° 3000 GS 2.50° TCH 48 1800

0.6 5.2 NM

ELEV 166

234 247 288 216 289 339 255 324 176 247 161 33

11,756 x 300

TDZE 163

326° 5.8 NM from FAF

HIRL Rwy 15-33

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D	E
S-ILS 33 *	363/24		200	(200-½)	
S-LOC 33**	620/24 457 (500-½)		620/40 457 (500-¾)	620/50 457 (500-1)	
CIRCLING***	NOT AUTHORIZED			720-2 554 (600-2)	780-2¼ 614(700-2¼)
S-ASR 33 †	660/24 497 (500-½)		660/40 497(500-¾)	660/50 497 (500-1)	660/60 497(500-1¼)

ILS Y RWY 15

LOC I-JKC	APCH CRS	Rwy ldg 11,756 TDZE 166 Arpt Elev 166
108.9	146°	

AL-391 [USAF]

BARKSDALE AFB (KBAD)

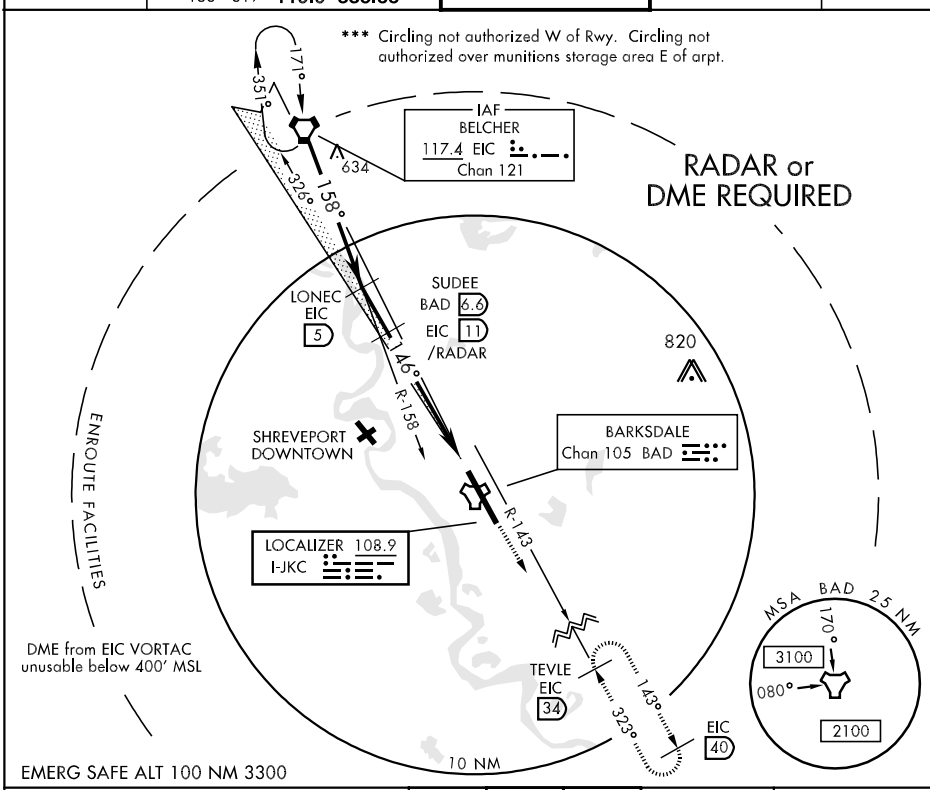
*When ALS inop, increase RVR to 40 and vis to ¾ mile.
**When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ mile, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

ALSF-1

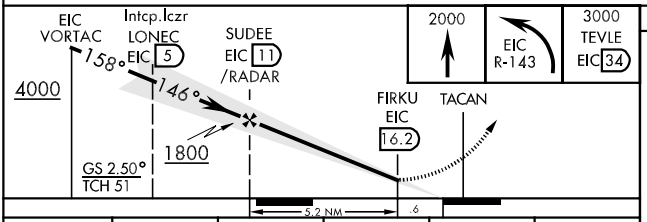
MISSED APPROACH: Climb to 2000, turn left to join EIC VORTAC R-143 outbound direct TEVLE (EIC 34 DME) and hold, maintain 3000.

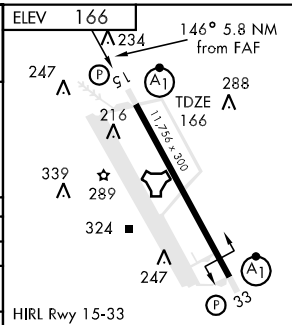
ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

*** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.



EMERG SAFE ALT 100 NM 3300





CATEGORY	A	B	C	D	E
S-ILS 15*	366/24		200	(200-½)	
S-LOC 15**	640/24 474 (500-½)		640/40 474 (500-¾)	640/50 474 (500-1)	640/60 474 (500-1¼)
CIRCLING***	NOT AUTHORIZED			720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 15**	660/24 494 (500-½)		660/40 494 (500-¾)	660/50 494 (500-1)	660/60 494 (500-1¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

ILS Z RWY 15

LOC I-JKC	APCH CRS	Rwy ldg 11,756 / TDZE 166 / Arpt Elev 166	AL-391 [USAF]	BARKSDALE AFB (KBAD)
108.9	146°			

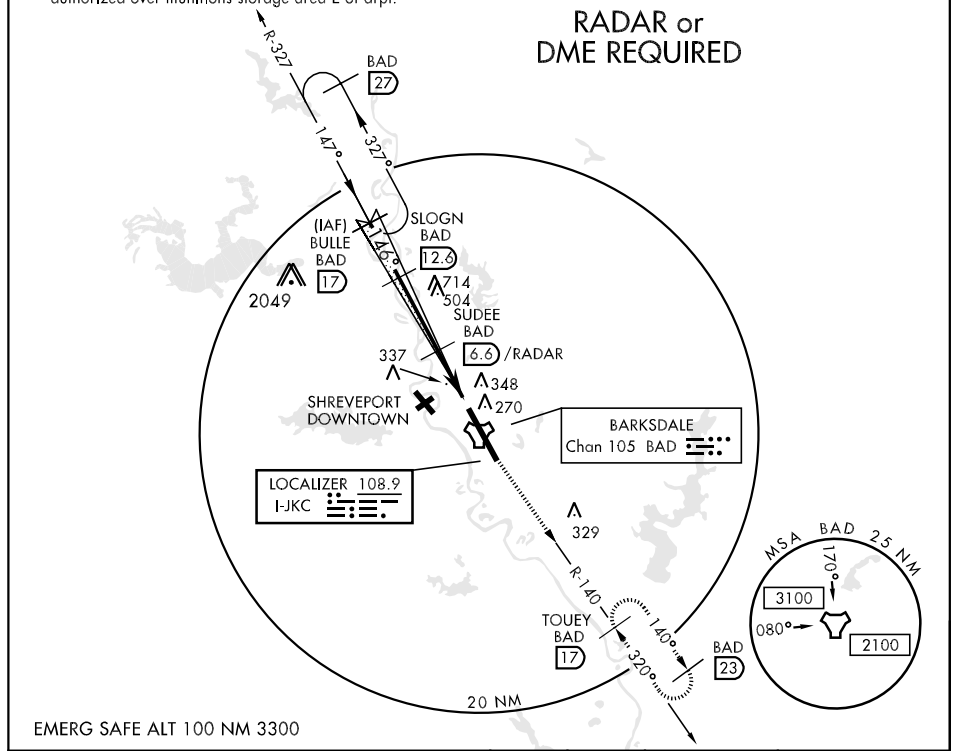
* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

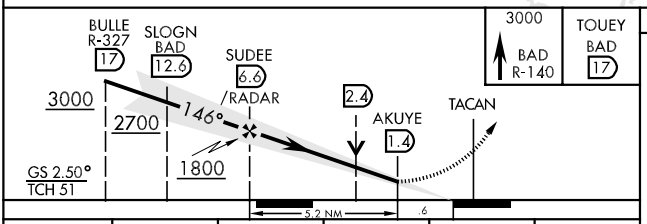
ALSF-1

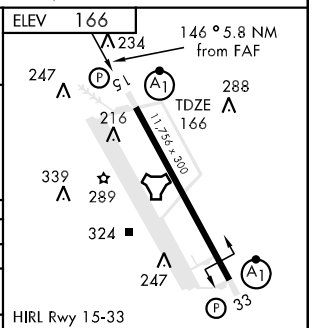
MISSED APPROACH: Climb to 3000 via BAD R-140 direct TOUEY and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

*** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.







CATEGORY	A	B	C	D	E
S-ILS 15 *	366/24		200	(200-½)	
S-LOC 15 **	640/24 474 (500-½)		640/40 474 (500-¾)	640/50 474 (500-1)	640/60 474 (500-1¼)
CIRCLING***	NOT AUTHORIZED			720-2 554 (600-2)	780-2¼ 614(700-2¼)
S-ASR 15 **	660/24 494 (500-½)		660/40 494 (500-¾)	660/50 494 (500-1)	660/60 494 (500-1¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

TACAN RWY 15

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
BAD Chan 105	155°	11,756	166	166

AL-391 [USAF]

BARKSDALE AFB (KBAD)

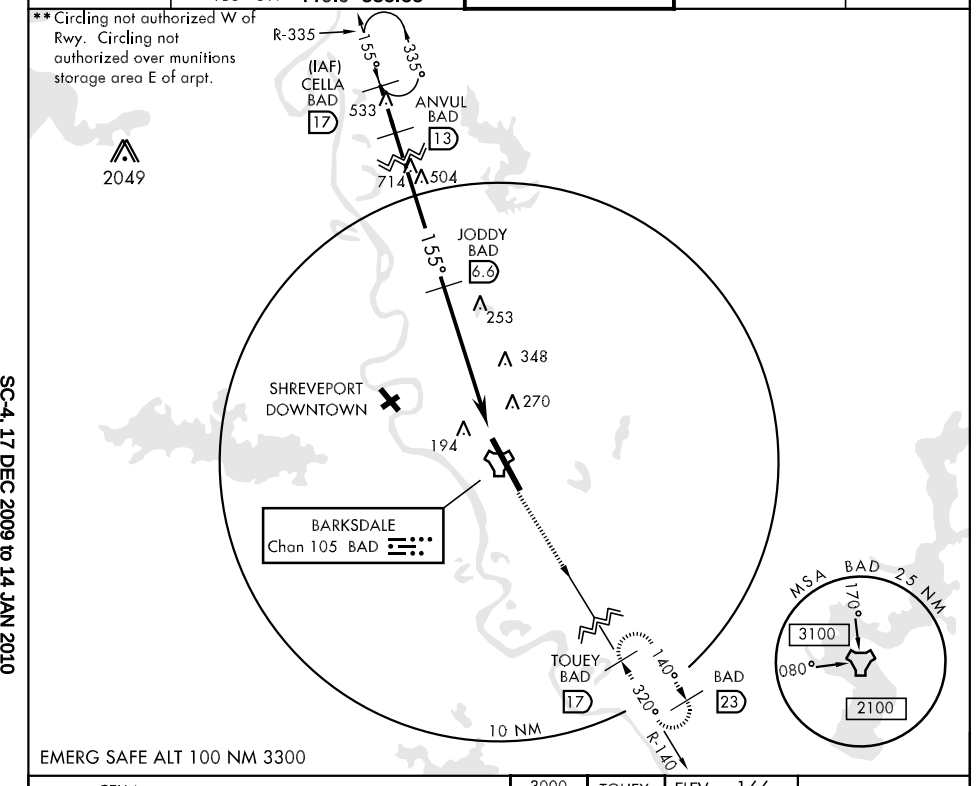
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

ALSF-1

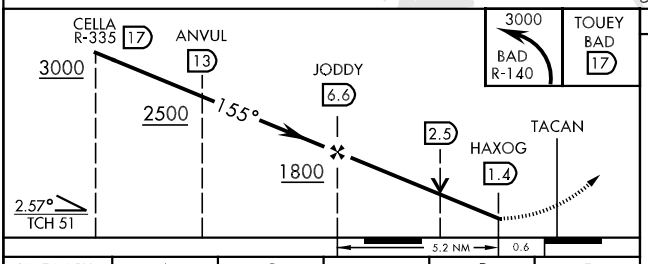
MISSED APPROACH: Climb to 3000 via BAD R-140 direct TOUEY and hold.

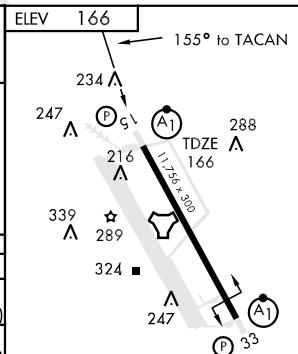
ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.



EMERG SAFE ALT 100 NM 3300





HIRL Rwy 15-33

CATEGORY	A	B	C	D	E
S-15 *	800/24 634 (700-½)		800/60 634 (700-1¼)	800-1½ 634 (700-1½)	800-1¾ 634 (700-1¾)
CIRCLING **	NOT AUTHORIZED			800-2 634 (700-2)	800-2¼ 634 (700-2¼)
S-ASR 15 *	660/24 494 (500-½)		660/40 494 (500-¾)	660/50 494 (500-1)	660/60 494 (500-1¼)

TACAN RWY 33

TACAN BAD Chan 105	APCH CRS 320°	Rwy ldg 11,756 TDZE 163 Arpt Elev 166

AL-391 [USAF]

BARKSDALE AFB (KBAD)

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

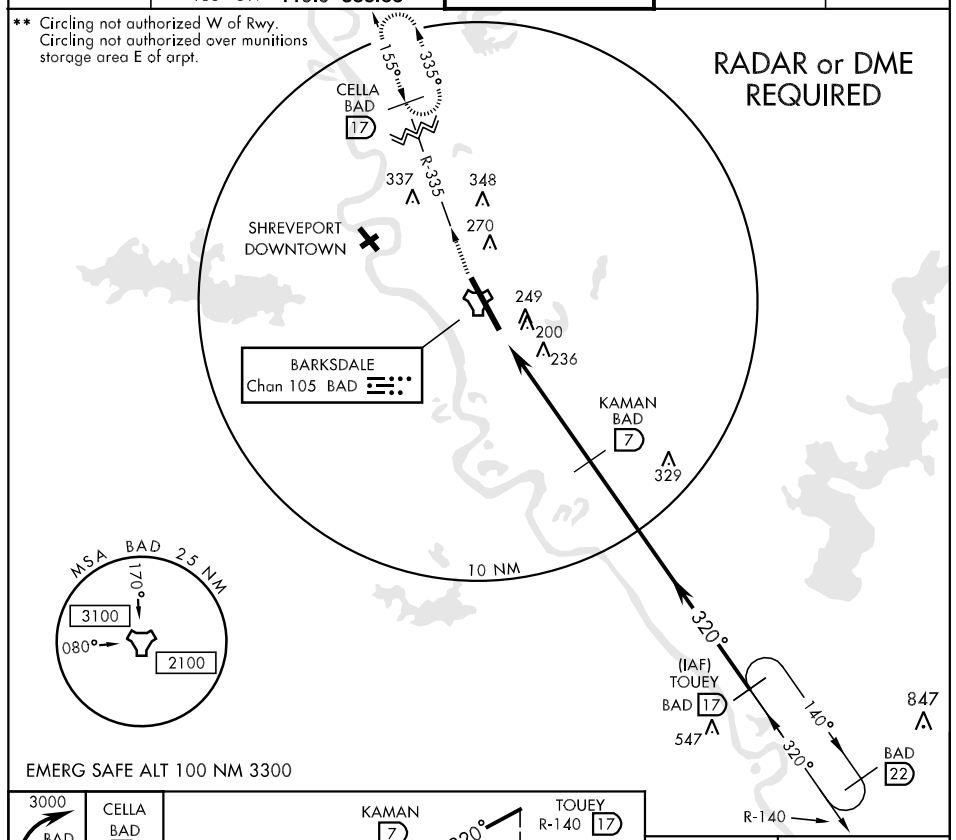
ALSF-1

MISSED APPROACH: Climb to 3000 via BAD R-335 direct CELLA and hold.

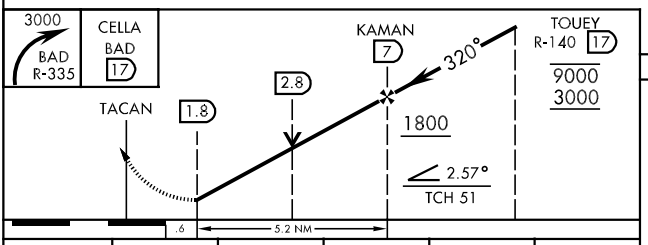
ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	

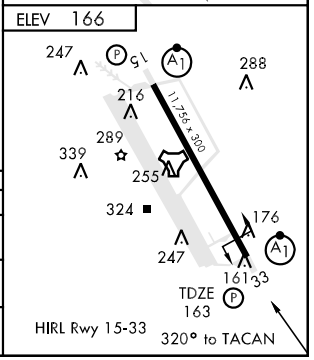
** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

RADAR or DME REQUIRED



EMERG SAFE ALT 100 NM 3300





CATEGORY	A	B	C	D	E
S-33 *	640/24 477 (500-½)		640/40 477 (500-¾)	640/50 477 (500-1)	640/60 477 (500-1¼)
CIRCLING **	NOT AUTHORIZED			720-2 554 (600-2)	780-2¼ 614 (700-2¼)
S-ASR 33 *	660/24 497 (500-½)		660/40 497 (500-¾)	660/50 497 (500-1)	660/60 497 (500-1¼)

VOR/DME RWY 33

VORTAC EMG	APCH CRS	Rwy ldg 11,756
111.2	323°	TDZE 163
Chan 49		Arpt Elev 166

AL-391 [USAF]

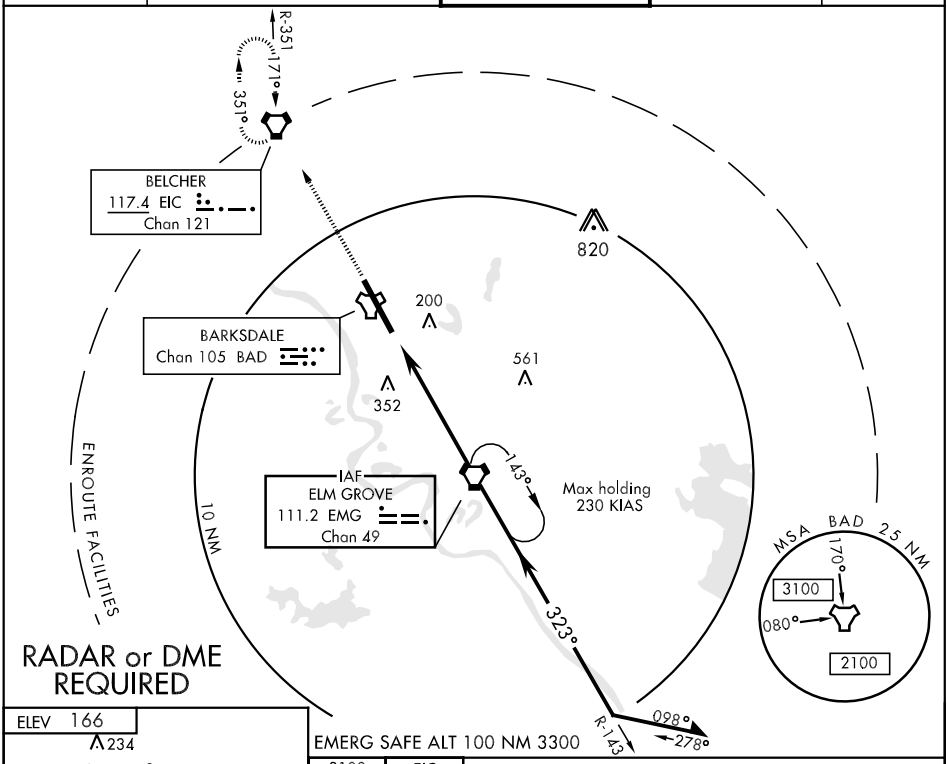
BARKSDALE AFB (KBAD)

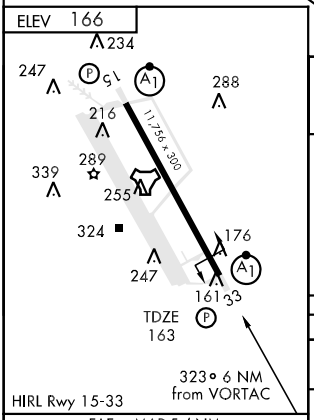
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

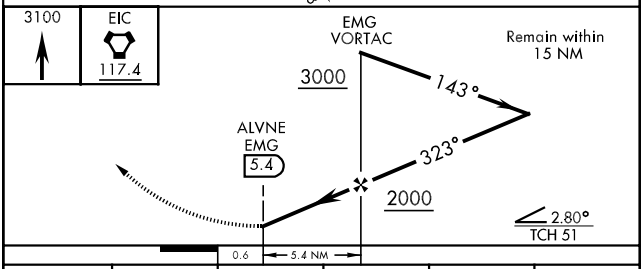
ALSF-1

MISSED APPROACH: Climb to 3100 direct EIC VORTAC and hold.

ATIS	SHREVEPORT APP CON	BARKSDALE TOWER	GND CON	ASR
307.025	320°-152° 123.75 327.0 153°-319° 119.9 335.55	128.25 278.3	121.8 275.8	







CATEGORY	A	B	C	D	E
S-VOR 33 *	660/24 497 (500-½)		660/40 497(500-¾)	660/50 497 (500-1)	660/60 497(500-1¼)
CIRCLING **	NOT AUTHORIZED			720-2 554(600-2)	780-2¼ 614(700-2¼)
S-ASR 33 *	660/24 497 (500-½)		660/40 497(500-¾)	660/50 497 (500-1)	660/60 497(500-1¼)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

BWK NDB	APP CRS	Rwy Idg	3005
397	357°	TDZE	60
		Apt Elev	62

NDB RWY 36

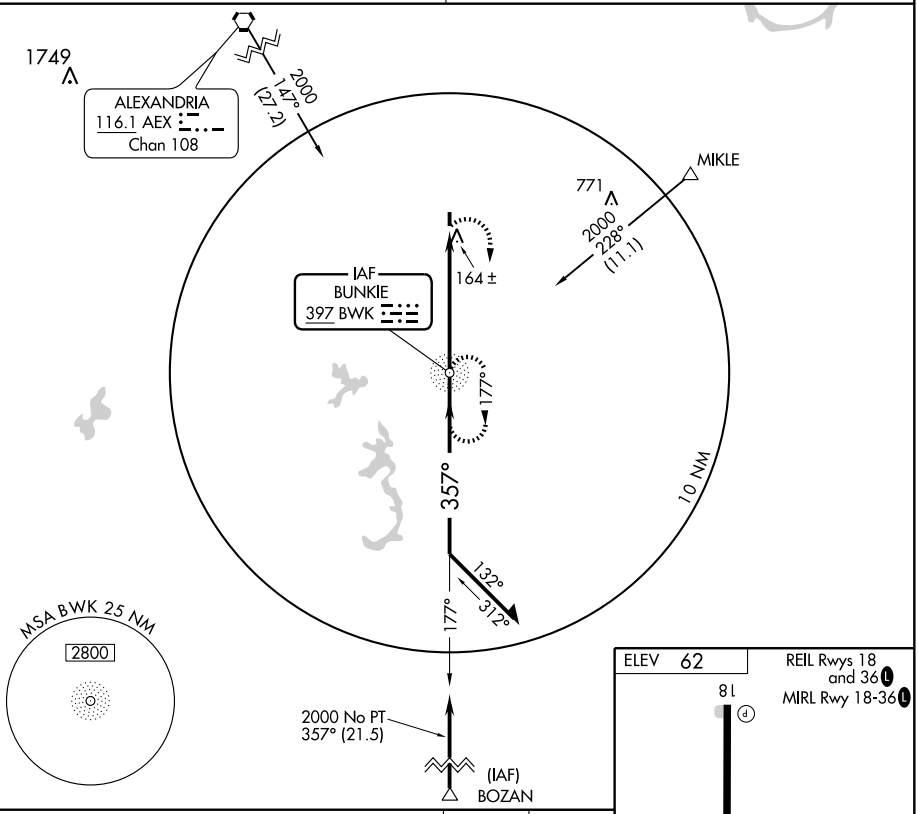
BUNKIE MUNI (2R6)

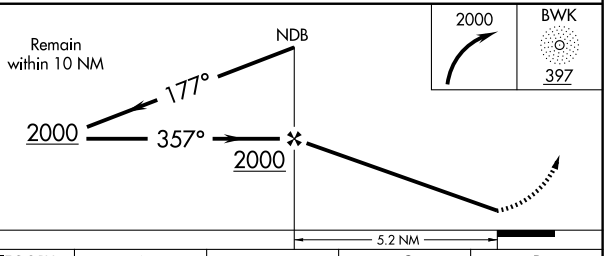
T
NA

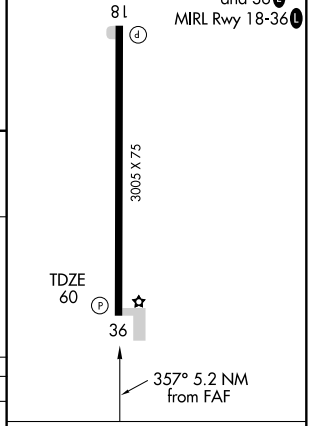
Use Alexandria Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 direct BWK NDB and hold.

POLK APP CON	CTAF
125.4 302.2	122.9 L







CATEGORY	A	B	C	D
S-36	540-1	480 (500-1)	NA	
CIRCLING	540-1	478 (500-1)	NA	

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-4, 17 DEC 2009 to 14 JAN 2010

BUNKIE, LOUISIANA

AL-6010 (FAA)

APP CRS	Rwy Idg	3005
179°	TDZE	60
	Apt Elev	62

RNAV (GPS) RWY 18

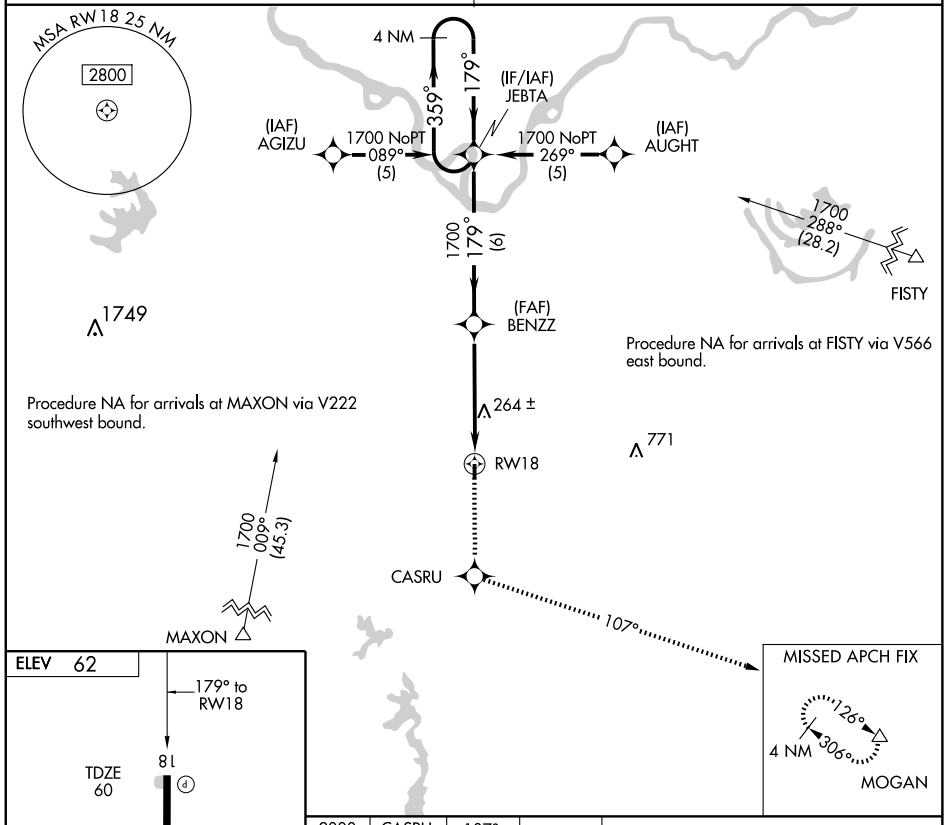
BUNKIE MUNI (2R6)

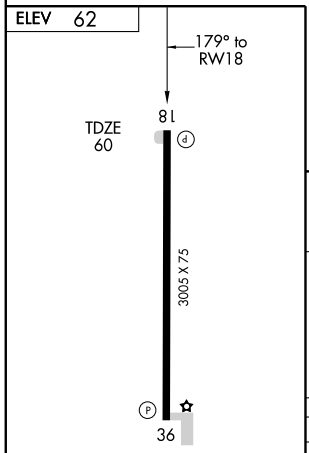
DME/DME RNP-0.3 NA. Use Alexandria Intl altimeter setting; when not received, use Esler Rgnl atimeter setting.

NA

MISSED APPROACH: Climb to 2000 direct CASRU and via 107° track to MOGAN and hold.

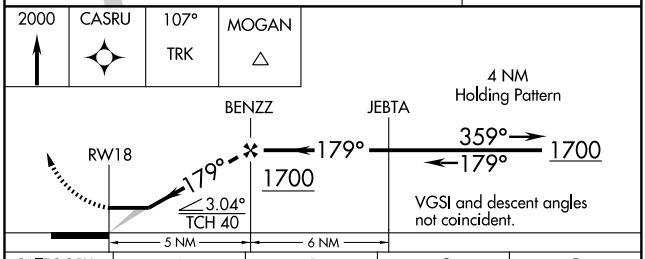
POLK APP CON	CTAF
125.4 302.2	122.9 L





REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	600-1 540 (600-1)		NA	
CIRCLING	600-1 538 (600-1)		NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3005
359°	TDZE	60
	Apt Elev	62

RNAV (GPS) RWY 36

BUNKIE MUNI (2R6)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Alexandria Intl altimeter setting; when not received, use Esler Rgnl altimeter setting.

MISSED APPROACH: Climb to 4000 direct CIVEK and right turn via 094° track to FISTY and hold.

POLK APP CON	CTAF
125.4 302.2	122.9 (L)

1749

CIVEK

094°

Procedure NA for arrivals at MAXON via V222 southwest bound.
Procedure NA for arrivals at FISTY via V566 east bound.

771

MISSED APCH FIX
4 NM
108°
288°
FISTY

RW36

254±

(FAF)
FARER

338

FISTY
1700
243°
(29.8)

359°
(6)
1700

(IAF)
PORZI

1700 NoPT
089°
(5)

1700 NoPT
269°
(5)

(IAF)
QUATO

MSA RW36 25 NM
2800

(IF/IAF)
LOVEU

179°

359°

4 NM

1700
020°
(23.6)

MAXON

ELEV 62

REIL Rwys 18 and 36 (L)
MIRL Rwy 18-36 (L)

18 (d)

3005 X 75

TDZE 60 (P)

36

359° to RW36

4000 | CIVEK | 094° TRK | FISTY

4 NM
Holding Pattern

LOVEU

FARER

1700

179°
359°

359°

1700

359°

3.04°
TCH 40

RW36

VGSI and descent angles not coincident.

6 NM | 5 NM

CATEGORY	A	B	C	D
LNAV MDA	580-1 520 (600-1)		NA	
CIRCLING	580-1 518 (600-1)		NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC AEX 116.1 Chan 108	APP CRS 140°	Rwy Idg N/A TDZE N/A Apt Elev 62

VOR/DME-A
BUNKIE MUNI (2R6)

NA — Use Alexandria Intl altimeter setting; when not received, use Esler Rgnl altimeter setting.

MISSED APPROACH: Climb to 3000 via AEX R-140 and AEX 27.7 DME Arc to MIKLE Int/AEX 27.7 DME and hold.

POLK APP CON	CTAF
125.4 302.2	122.9 L

Procedure NA for arrival at AEX VORTAC on airway radials 085 clockwise 123.

IAF ALEXANDRIA 116.1 AEX Chan 108

1700 140° (8.8)

JELBI AEX 8.8

1600 140° (9)

1749

COCDO AEX 17.8

MAFDY

MIKLE AEX 27.7

771

123° 303°

AEX 27.7 Arc

R-352

R-140

109.8 LFT Chan 35

10 NM

R-123

MSA AEX 25 NM 2800

ELEV 62

140° 4.6 NM from FAF

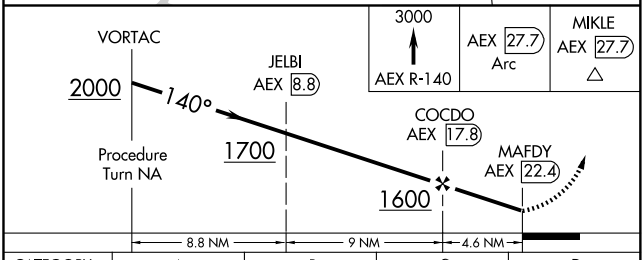
8 L

3005 X 75

36

REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
CIRCLING	880-1 818 (900-1)	880-1¼ 818 (900-1¼)	NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB DQU	APP CRS	Rwy Idg	5000
410	140°	TDZE	81
		Apt Elev	81

NDB RWY 15

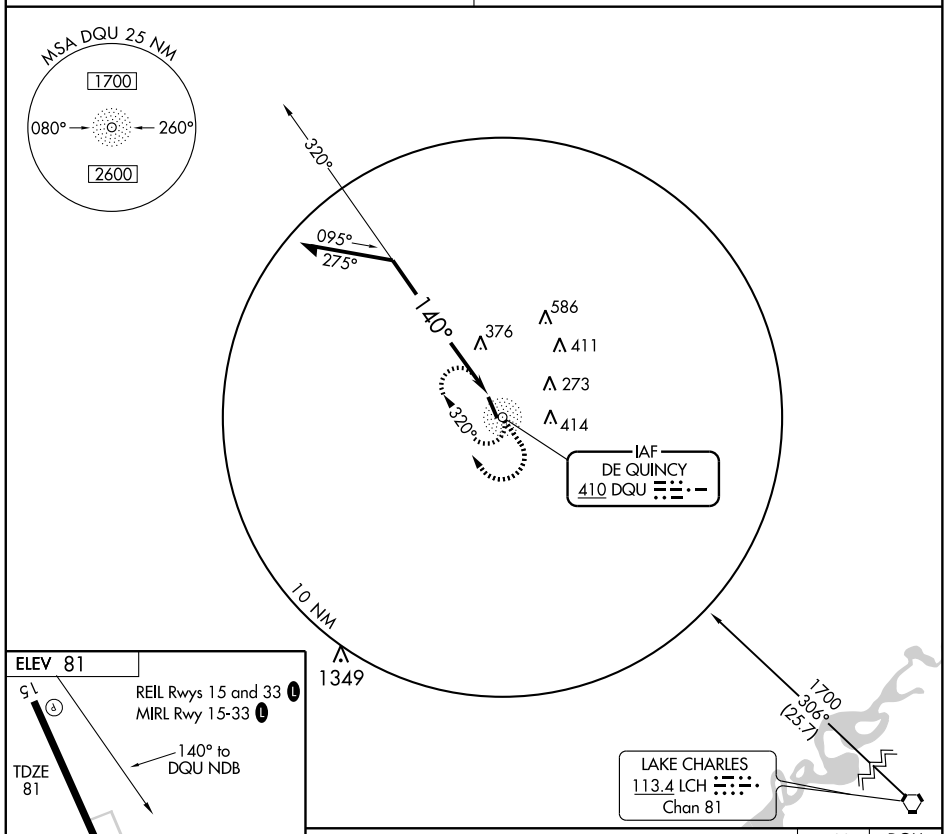
DE QUINCY INDUSTRIAL AIRPARK (5R8)

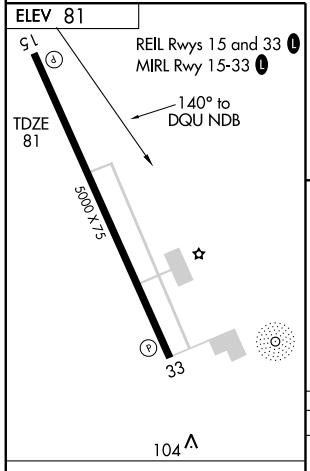
NA If local altimeter setting not received, use Lake Charles Regional altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climbing right turn to 1700 in DQU NDB holding pattern.

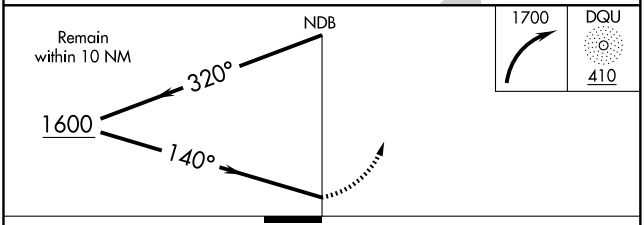
LAKE CHARLES APP CON ★
119.35 282.3

UNICOM
122.8 (CTAF) L





Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-15	780-1	699 (700-1)	780-2 699 (700-2)	NA
CIRCLING	780-1	699 (700-1)	780-2 699 (700-2)	NA

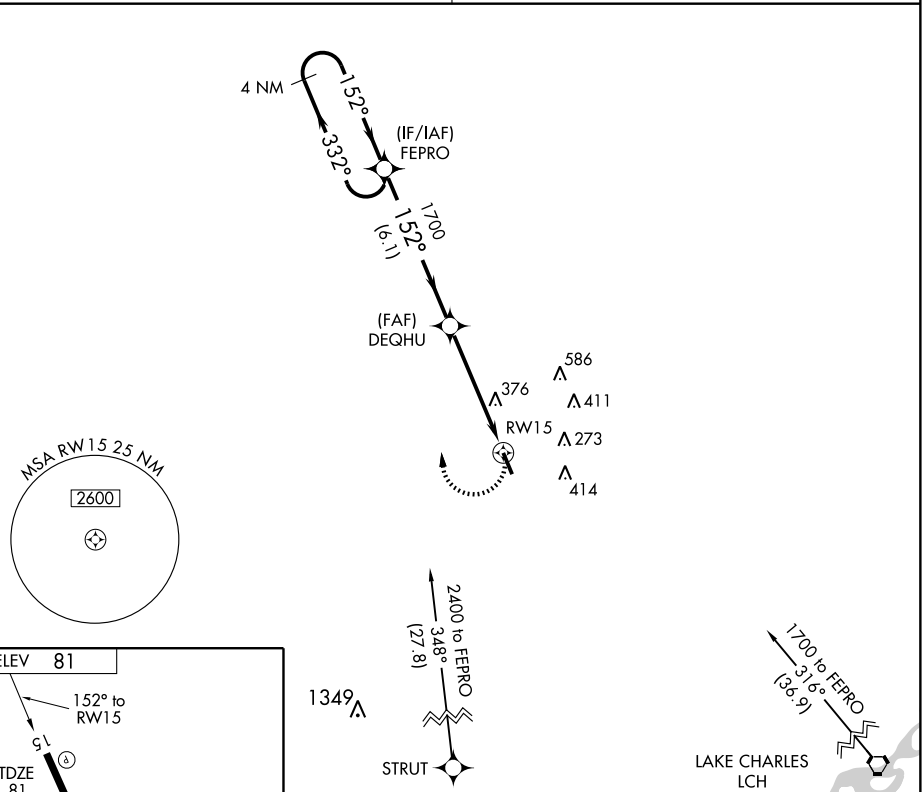
SC-4, 17 DEC 2009 to 14 JAN 2010

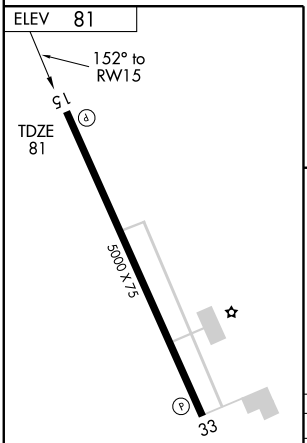
APP CRS	Rwy Idg	5000
152°	TDZE	81
	Apt Elev	81

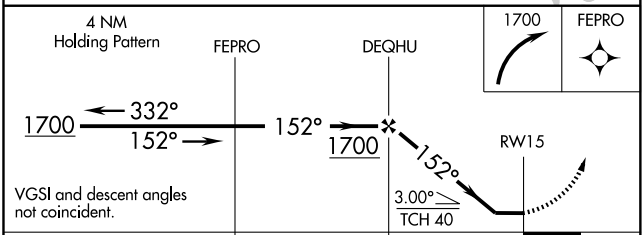
RNAV (GPS) RWY 15

DE QUINCY INDUSTRIAL AIRPARK (5R8)

⚠ NA — DME/DME RNP-0.3 NA. If local altimeter setting not received, use Lake Charles Regional altimeter setting and increase all MDAs 80 feet.	MISSED APPROACH: Climbing right turn to 1700 direct FEPRO WP and hold.
LAKE CHARLES APP CON ★ **119.35 282.3**	UNICOM **122.8** (CTAF) Ⓛ







CATEGORY	A	B	C	D
LNAV MDA	640-1 559 (600-1)		640-1½ 559 (600-1½)	NA
CIRCLING	640-1 559 (600-1)		640-1½ 559 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
332°	TDZE	81
	Apt Elev	81

RNAV (GPS) RWY 33

DE QUINCY INDUSTRIAL AIRPARK (5R8)

NA	MISSED APPROACH: Climb to 1700 direct FEPRO WP and hold.

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Lake Charles Regional altimeter setting and increase all MDAs 80 feet. VDP NA with Lake Charles Regional altimeter setting.

LAKE CHARLES APP CON ★	UNICOM
119.35 282.3	122.8 (CTAF) L

4 NM 152° 332° FEPRO

586 376 411 273 RW33 414

MSA RW33 25 NM 2600

(FAF) QUNKE

1700 332° (6.1)

1349

(IF) HATGU

1700 036° (8.7)

(IAF) STRUT

1700 292° (16.5)

(IAF) LAKE CHARLES LCH

ELEV 81

15

5000 X 75

TDZE 81

33

332° to RW33

104

REIL Rwys 15 and 33 L
MIRL Rwy 15-33 L

1700 FEPRO

QUNKE HATGU

Procedure Turn NA

0.9 NM to RW33

332° 1700 332° 1700

RW33

3.04°
TCH 40

VGSI and descent angles not coincident.

0.9 4 NM 6.1 NM

CATEGORY	A	B	C	D
LNAV MDA	440-1 359 (400-1)			NA
CIRCLING	460-1 379 (400-1)	600-1 519 (600-1)	600-1½ 519 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

DE QUINCY, LOUISIANA

AL-5940 (FAA)

VORTAC LCH	APP CRS	Rwy Idg	5000
113.4	305°	TDZE	81
Chan 81		Apt Elev	81

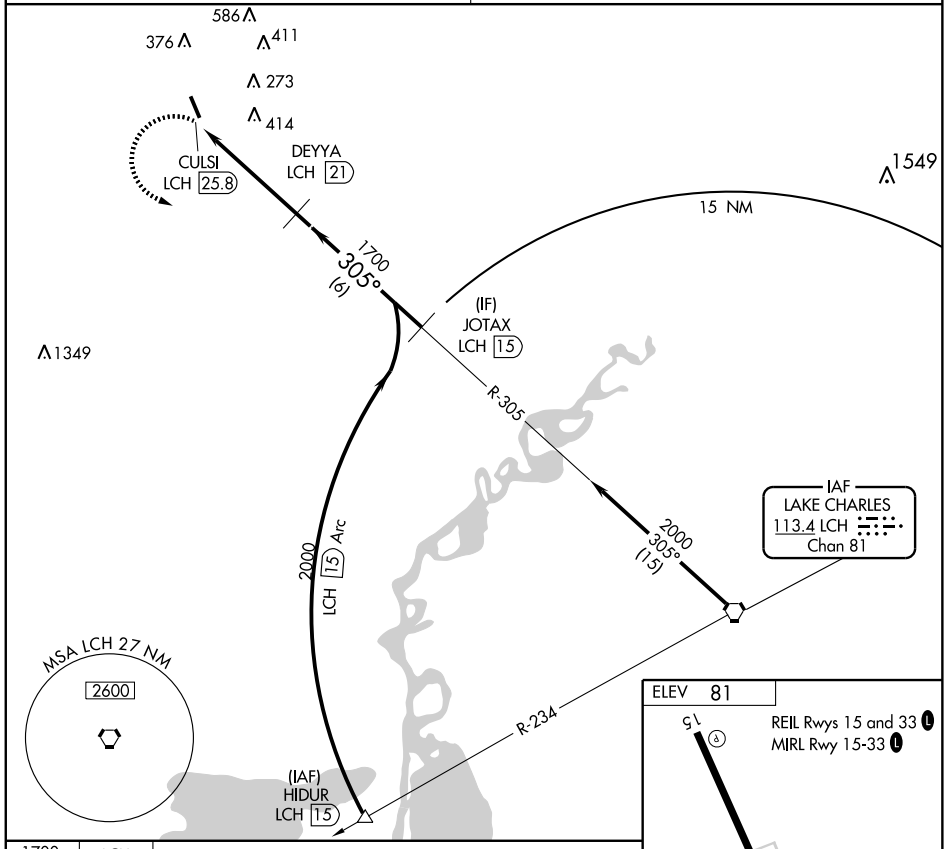
VOR/DME RWY 33

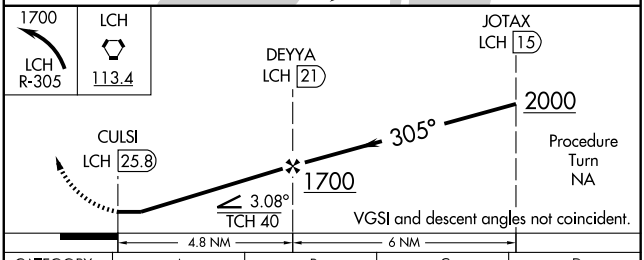
DE QUINCY INDUSTRIAL AIRPARK (5R8)

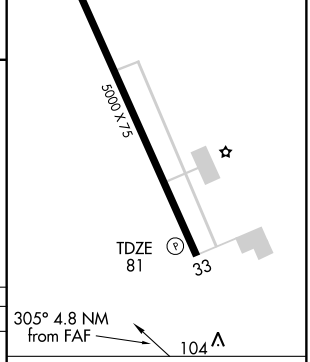
NA — If local altimeter setting not received, use Lake Charles Regional altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climbing left turn to 1700 via LCH R-305 to LCH VORTAC.

LAKE CHARLES APP CON ★	UNICOM
119.35 282.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-33	760-1 679 (700-1)	760-1¼ 679 (700-1¼)	760-2 679 (700-2)	NA
CIRCLING	760-1 679 (700-1)	760-1¼ 679 (700-1¼)	760-2 679 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-DRI	APP CRS	Rwy Idg	5495
111.1	355°	TDZE	197
		Apt Elev	202

LOC RWY 36

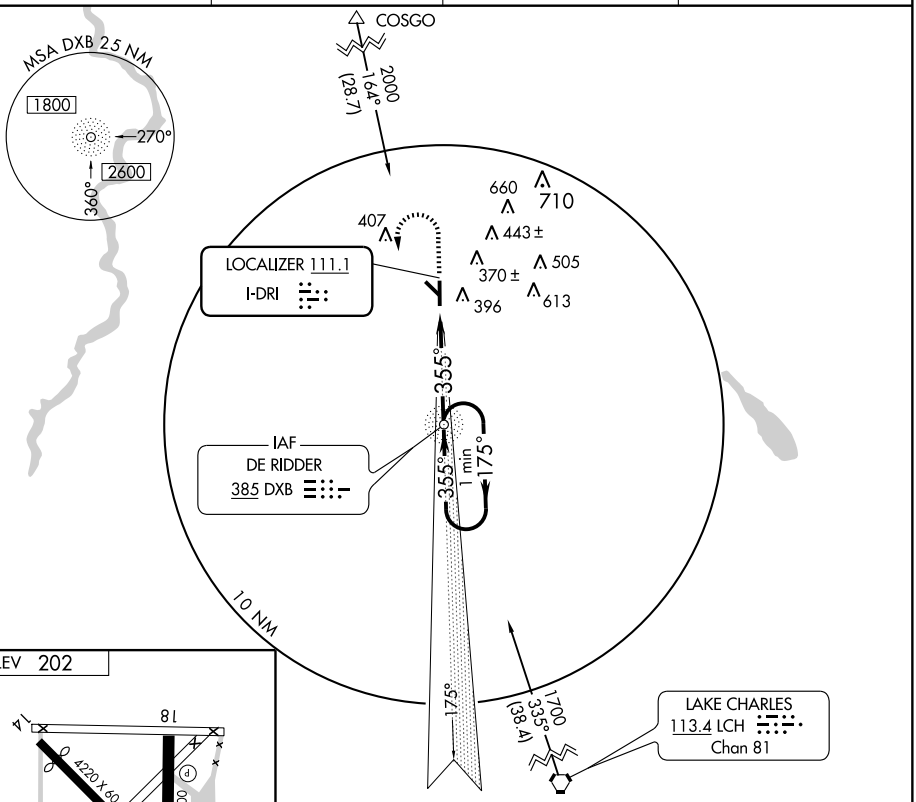
DE RIDDER/ BEAUREGARD RGNL (DRI)

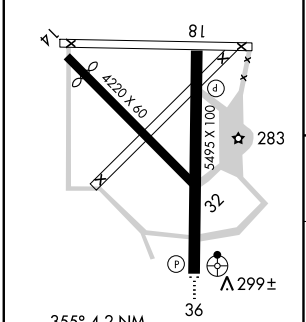
Inoperative table does not apply. ADF required. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Polk altimeter setting and increase all MDA 60 feet, and S-36 visibility Cat C ¼ mile.

ODALS

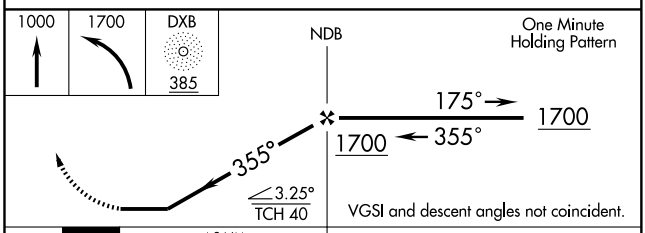
MISSED APPROACH: Climb to 1000 then climbing left turn to 1700 direct DXB NDB and hold.

AWOS-3	POLK APP CON	DE RIDDER RADIO	UNICOM
118.225	123.7 254.8	122.2	122.8 (CTAF) L





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-36	560-1 363 (400-1)			560-1¼ 363 (400-1¼)
CIRCLING	700-1 498 (500-1)		700-1½ 498 (500-1½)	760-2 558 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB DXB	APP CRS	Rwy Idg	5495
385	354°	TDZE	197
		Apt Elev	202

NDB RWY 36

DE RIDDER/BEAUREGARD RGNL (DRI)

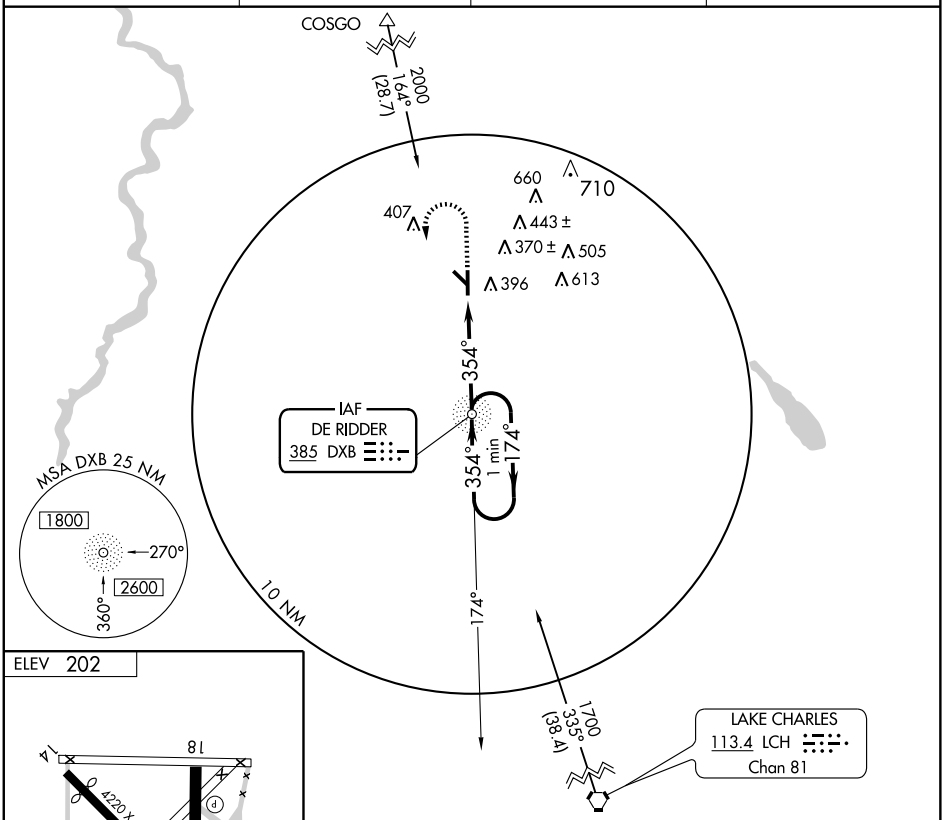
NA ASR

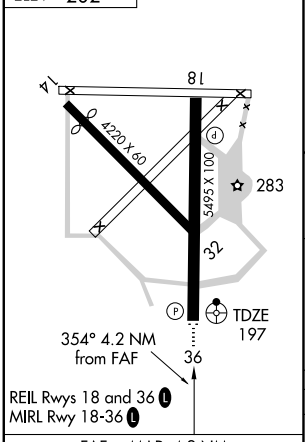
Inoperative table does not apply. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Polk altimeter setting and increase all MDA 60 feet, and S-36 visibility Cat D ¼ mile.

ODALS

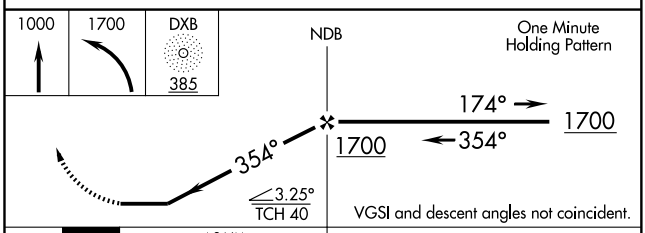
MISSED APPROACH: Climb to 1000 then climbing left turn to 1700 direct DXB NDB and hold.

AWOS-3	POLK APP CON	DE RIDDER RADIO	UNICOM
118.225	123.7 254.8	122.2	122.8 (CTAF) L





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-36	700-1	503 (500-1)	700-1½	503 (500-1½)
CIRCLING	700-1	498 (500-1)	700-1½ 498 (500-1½)	760-2 558 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5495
175°	TDZE	202
	Apt Elev	202

RNAV (GPS) RWY 18

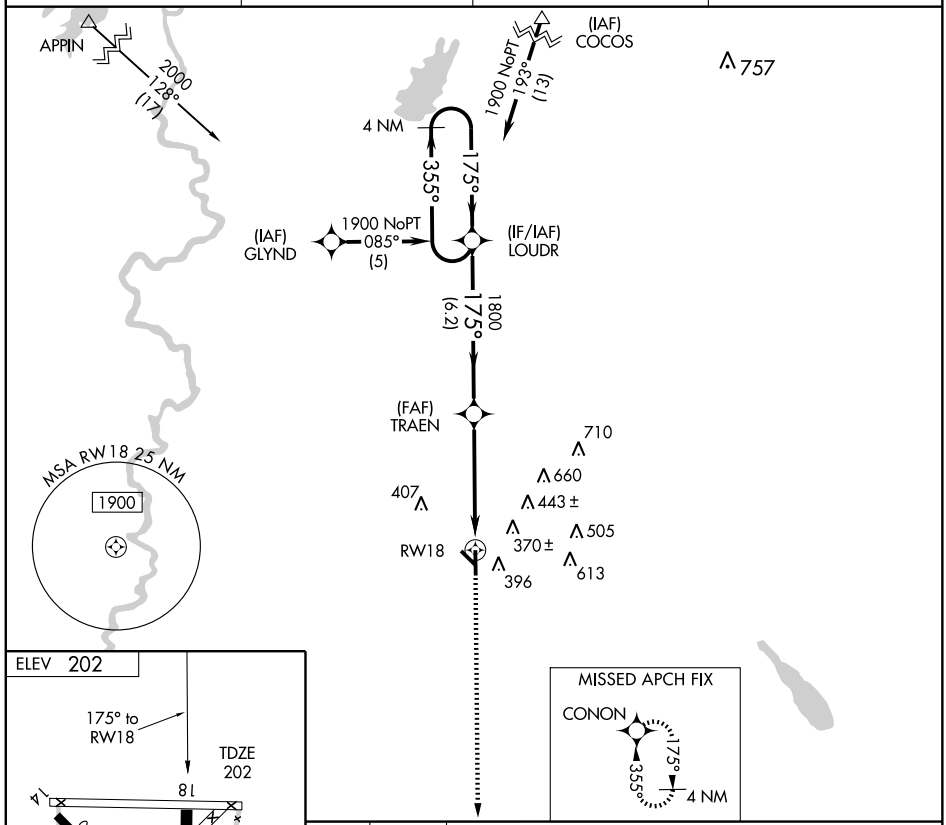
DE RIDDER/BEAUREGARD RGNL (DRI)

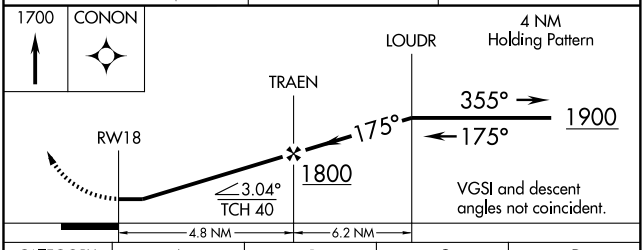
ASR

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Polk altimeter setting and increase all MDA 60 feet, and LNAV visibility Cat C and D ¼ mile.

MISSED APPROACH: Climb to 1700 direct CONON and hold.

AWOS-3	POLK APP CON	DE RIDDER RADIO	UNICOM
118.225	123.7 254.8	122.2	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	680-1 478 (500-1)		680-1¼ 478 (500-1¼)	680-1½ 478 (500-1½)
CIRCLING	700-1 498 (500-1)		700-1½ 498 (500-1½)	760-2 558 (600-2)

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5495
355°	TDZE	197
	Apt Elev	202

RNAV (GPS) RWY 36

DE RIDDER/ BEAUREGARD RGNL (DRI)

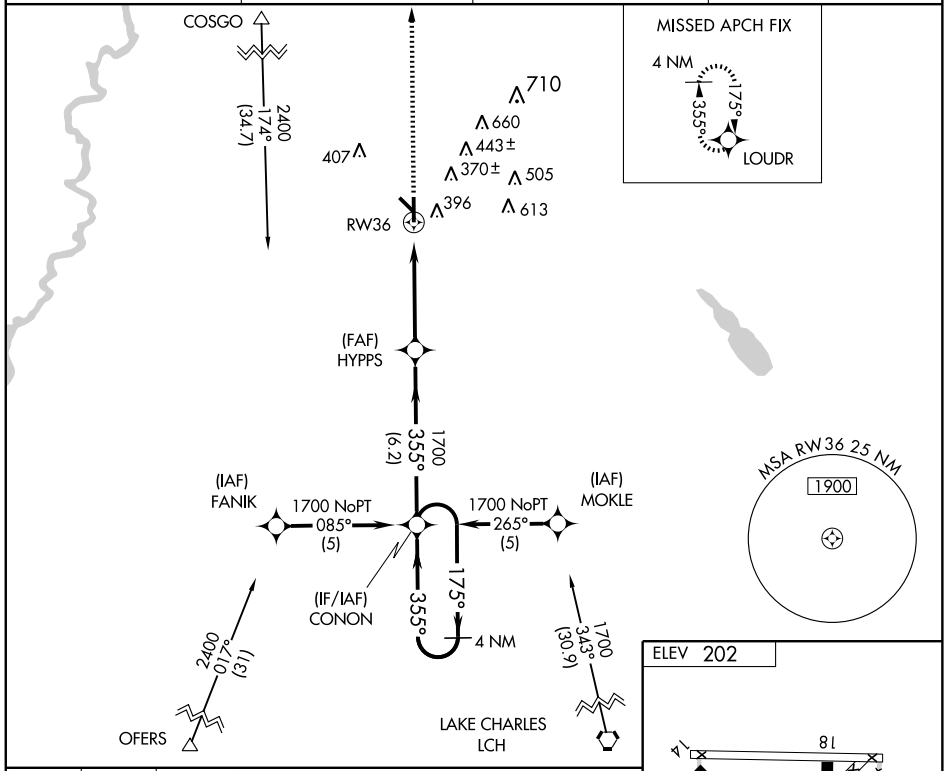
ASR

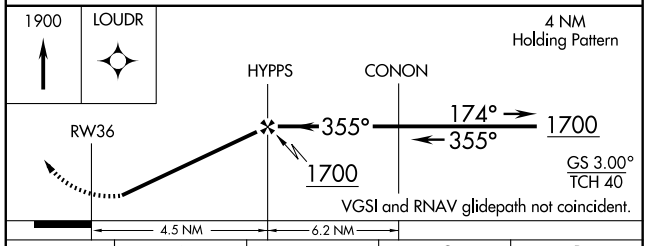
Inoperative table does not apply. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Polk altimeter setting and increase all DA 53 feet, and all MDA 60 feet, increase LNAV/VNAV all Cats and LNAV Cat C and D visibility ¼ mile.

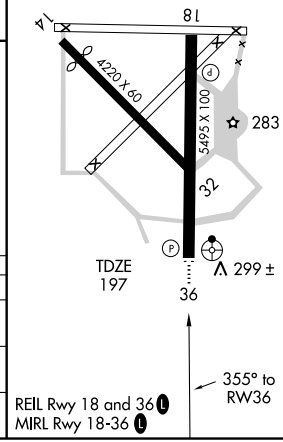
ODALS

MISSED APPROACH: Climb to 1900 direct LOUDR and hold.

AWOS-3	POLK APP CON	DE RIDDER RADIO	UNICOM
118.225	123.7 254.8	122.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV/ VNAV DA		569-1¼	372 (400-1¼)	
LNAV MDA	660-1	463 (500-1)	660-1¼ 463 (500-1¼)	660-1½ 463 (500-1½)
CIRCLING	700-1	498 (500-1)	700-1½ 498 (500-1½)	760-2 558 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB ECY	APP CRS	Rwy Idg	5001
263	165°	TDZE	40
		Apt Elev	42

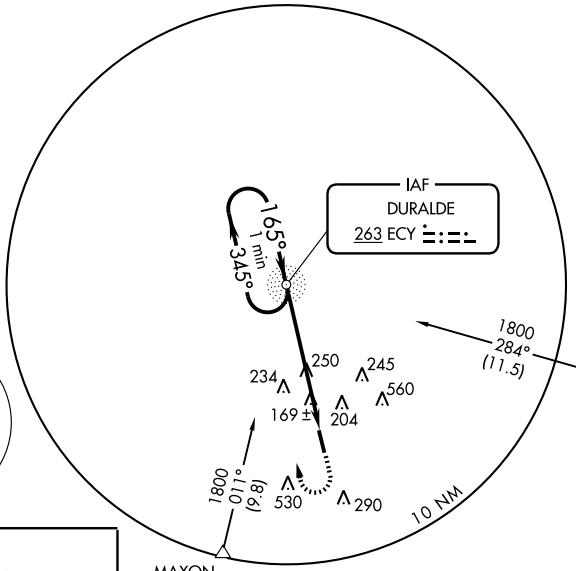
NDB RWY 16
EUNICE (4R7)

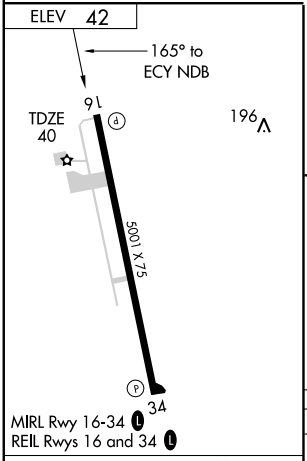
Use Lafayette Rgnl altimeter setting.

NA

MISSED APPROACH: Climb to 1100 then climbing right turn to 1800 direct ECY NDB and hold.

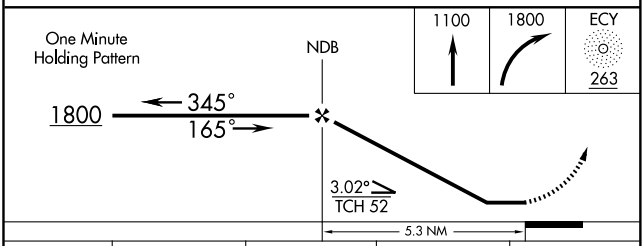
LAFAYETTE APP CON *	GCO	UNICOM
128.7 268.7	135.075	122.8 (CTAF) L





MIRL Rwy 16-34 L
REIL Rwys 16 and 34 L

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46



CATEGORY	A	B	C	D
S-16	640-1	600 (600-1)	640-1½ 600 (600-1½)	NA
CIRCLING	640-1	598 (600-1)	640-1½ 598 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

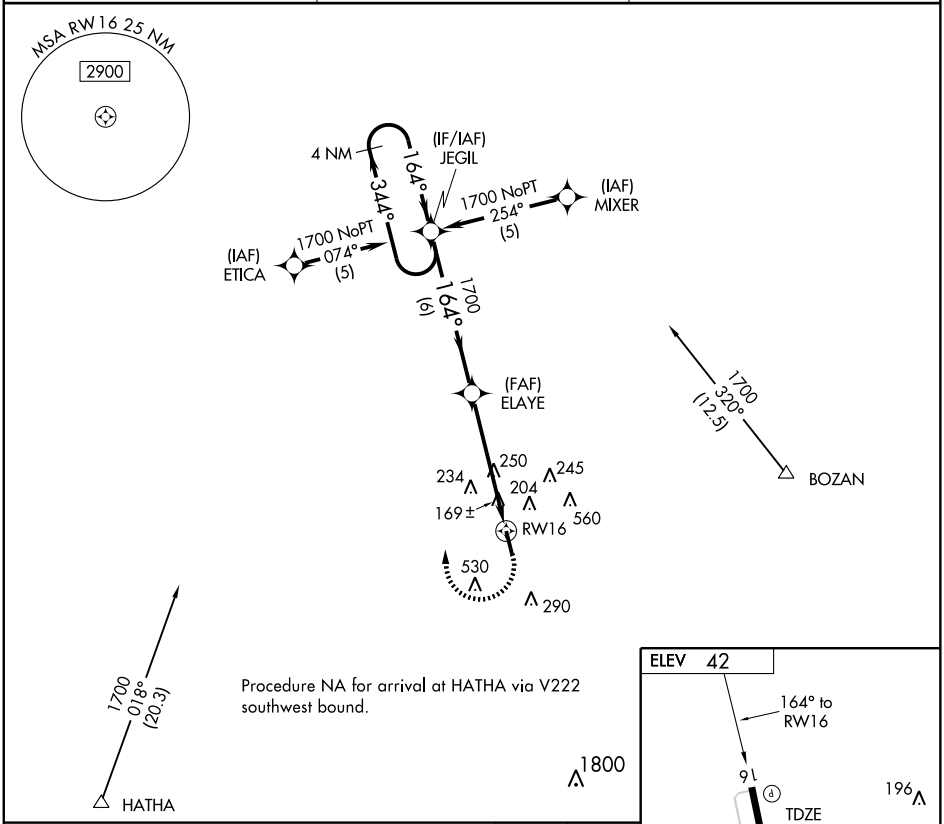
APP CRS	Rwy Idg	5001
164°	TDZE	40
	Apt Elev	42

RNAV (GPS) RWY 16
EUNICE (4R7)

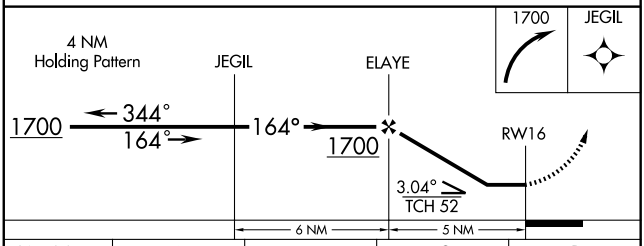
Use Lafayette Rgnl altimeter setting.
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.
When VGSI inoperative, procedure NA at night.

MISSED APPROACH: Climbing right turn to 1700 direct JEGIL WP and hold.

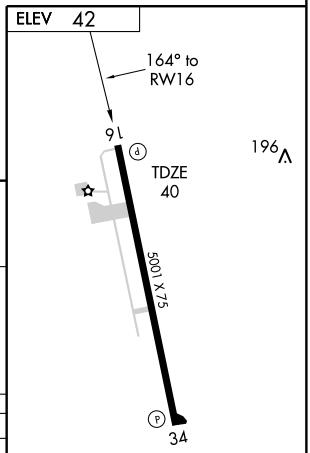
LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	122.8 (CTAF) L



Procedure NA for arrival at HATHA via V222 southwest bound.



CATEGORY	A	B	C	D
LNAV MDA	580-1	540 (600-1)	580-1½ 540 (600-1½)	NA
CIRCLING	620-1	578 (600-1)	620-1½ 578 (600-1½)	NA



REIL Rwys 16 and 34 L
MIRL Rwy 16-34 L

SC-4, 17 DEC 2009 to 14 JAN 2010

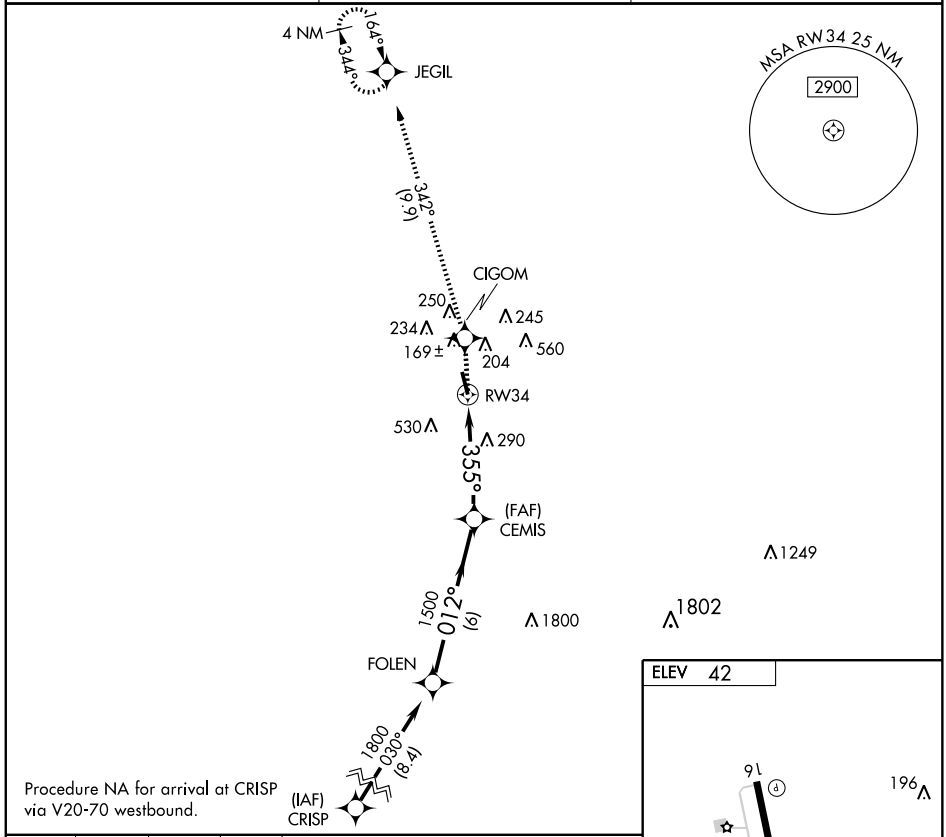
APP CRS	Rwy Idg	5001
355°	TDZE	42
	Apt Elev	42

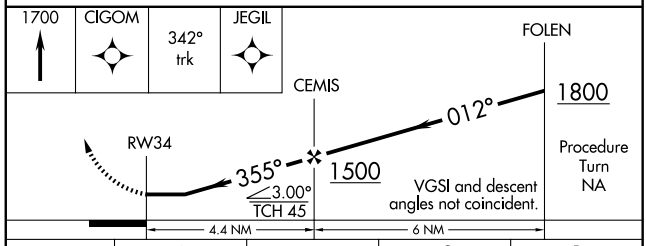
RNAV (GPS) RWY 34
EUNICE (4R7)

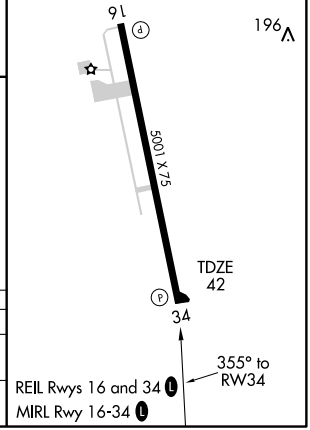
Use Lafayette Rgnl altimeter setting.
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.
When VGSI inoperative, circling Rwy 16 NA at night.

MISSED APPROACH: Climb to 1700 direct CIGOM WP and via 342° track to JEGIL WP and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	660-1	618 (700-1)	660-1¾ 618 (700-1¾)	NA
CIRCLING	660-1	618 (700-1)	660-1¾ 618 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

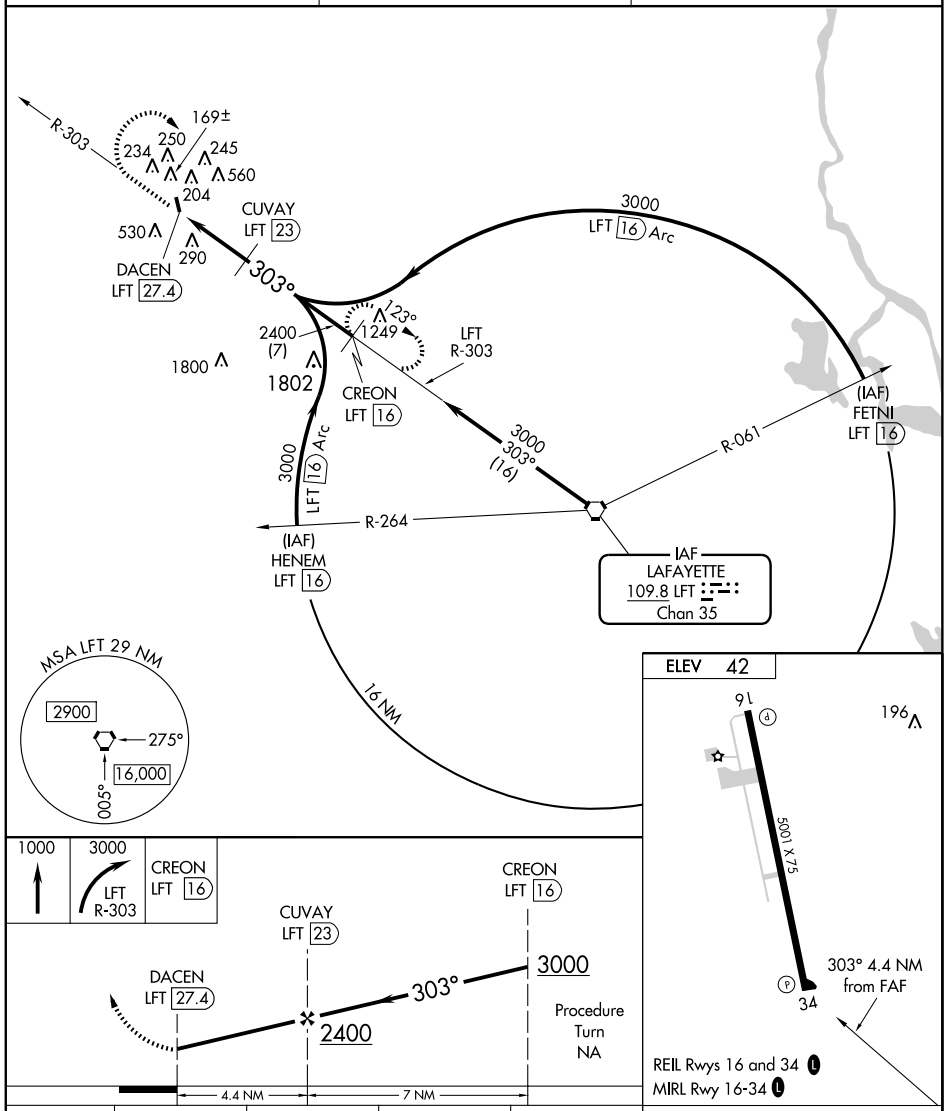
VORTAC LFT	APP CRS	Rwy Idg	N/A
109.8	303°	TDZE	N/A
Chan 35		Apt Elev	42

VOR/DME-A
EUNICE (4R7)

Use Lafayette Rgnl altimeter setting.

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 via LFT R-303 to CREON/LFT 16 DME and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	800-1 758 (800-1)	800-1¼ 758 (800-1¼)	800-2¼ 758 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB RWY 15

POLK AAF (KPOE)

NDB GUV	APCH CRS	Rwy Idg 3912 / TDZE 329 / Arpt Elev 330
359	156°	AL-5096 [USA]

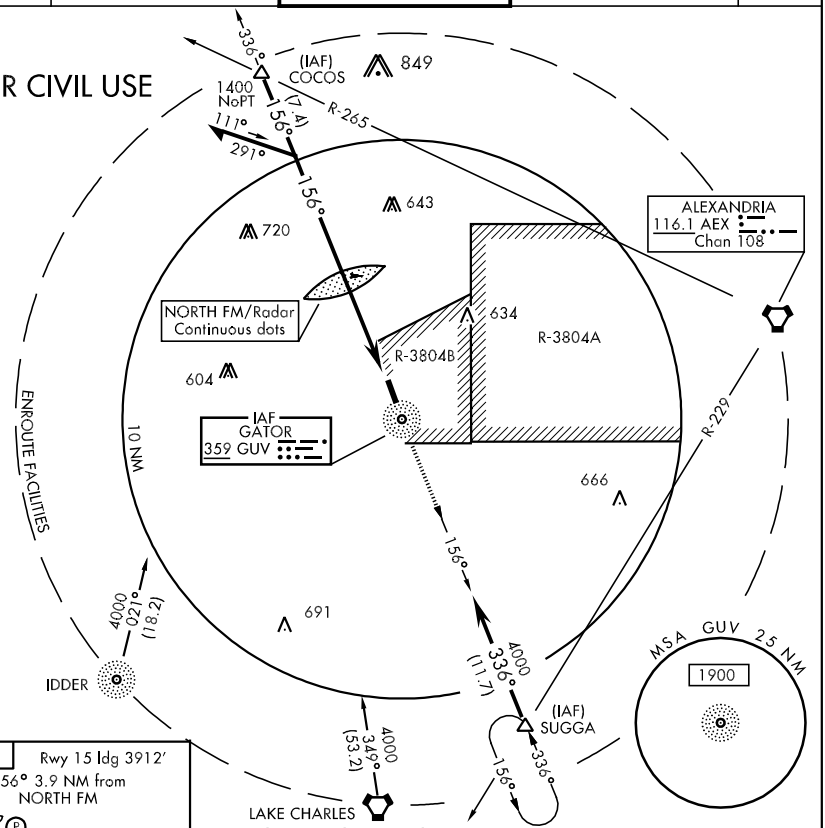
CAUTION: Pilots using this approach must acquaint themselves with any activities in R-3804A, B and R-3803A located 6.0 NM North of COCOS intersection. Procedure turn Fix to FAF exceeds 4 NM.

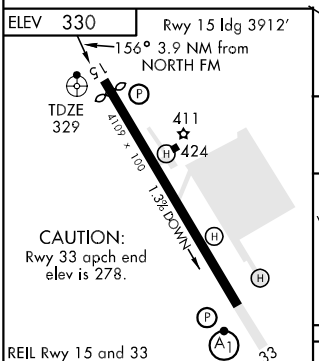
ODALS

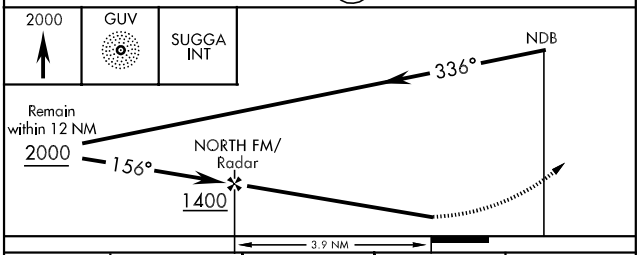
MISSED APPROACH: Climb to 2000 direct GUV NDB then via brg 156° to SUGGA INT and hold.

ATIS	POLK APP CON	POLK TOWER	GND CON	ASR/PAR
134.85 234.3	123.7 254.8	119.0 257.75	121.8 239.25	

NOT FOR CIVIL USE







FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

CATEGORY	A	B	C	D
S-15	820-¾ 491	(500-¾)	820-1 491(500-1)	820-1¼ 491(500-1¼)
CIRCLING	820-1 490	(500-1)	820-1½ 490(500-1½)	880-2 550(600-2)
S-PAR 15	529-¾ 200	(200-¾)	GS 3.0°	

NDB GUV 359	APCH CRS 336°	Rwy ldg 4109 TDZE 316 Arpt Elev 330	AL-5096 [USA]

NDB RWY 33

POLK AAF (KPOE)

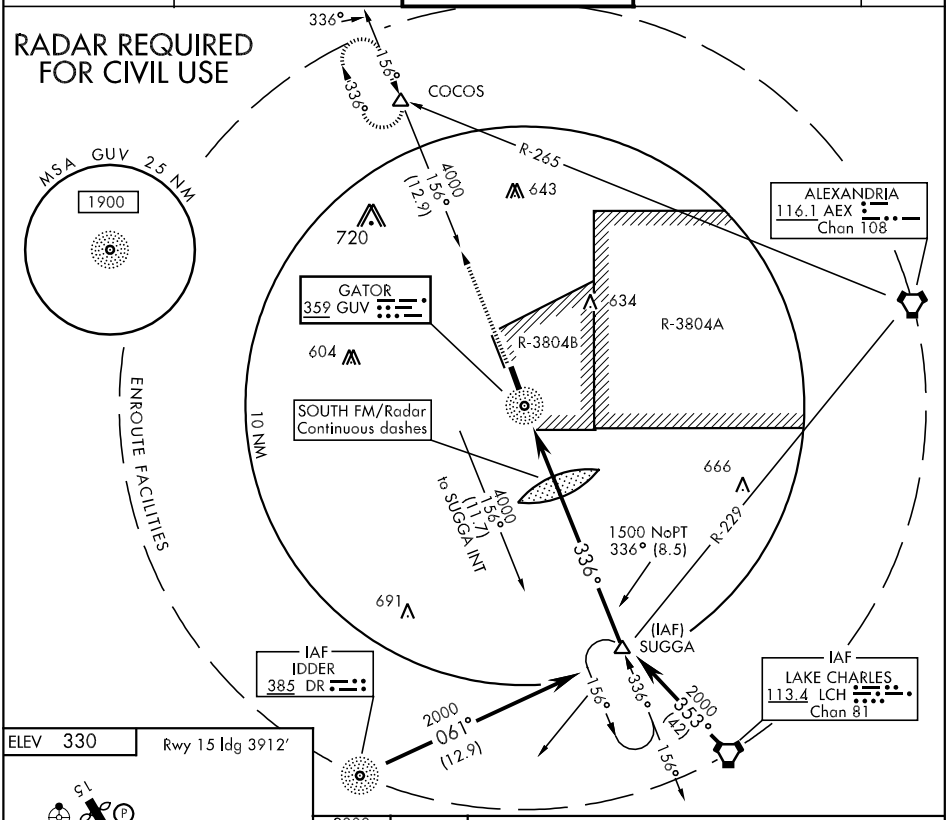
CAUTION: Pilots using this approach must acquaint themselves with any activities in R-3804A, B and R-3803A located 6.0 NM North of COCOS INT.

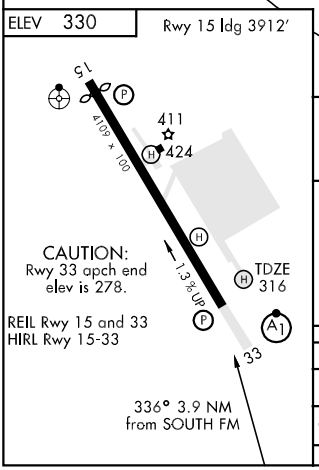
ALSF-1

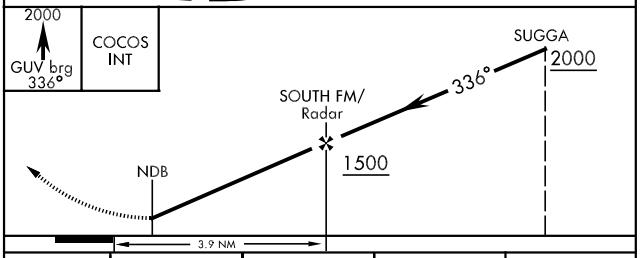
MISSED APPROACH: Climb to 2000 via GUV NDB brg 336° to COCOS INT and hold.

ATIS	POLK APP CON	POLK TOWER	GND CON	ASR/PAR
134.85 234.3	123.7 254.8	119.0 257.75	121.8 239.25	

RADAR REQUIRED FOR CIVIL USE







CATEGORY	A	B	C	D
S-33	700-1 384 (400-1)			700-1¼ 384(400-1¼)
CIRCLING	820-1 490 (500-1)		820-1½ 490(500-1½)	880-2 550(600-2)
S-PAR 33	579-½ 256 (300-½)		579-¾ 256 (300-¾) GS 3.0°	

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC FXU	APCH CRS	Rwy Idg 3912
108.4	156°	TDZE 329
Chan 21		Arpt Elev 330

VOR or TACAN or GPS RWY 15

AL-5096 [USA]

POLK AAF (KPOE)

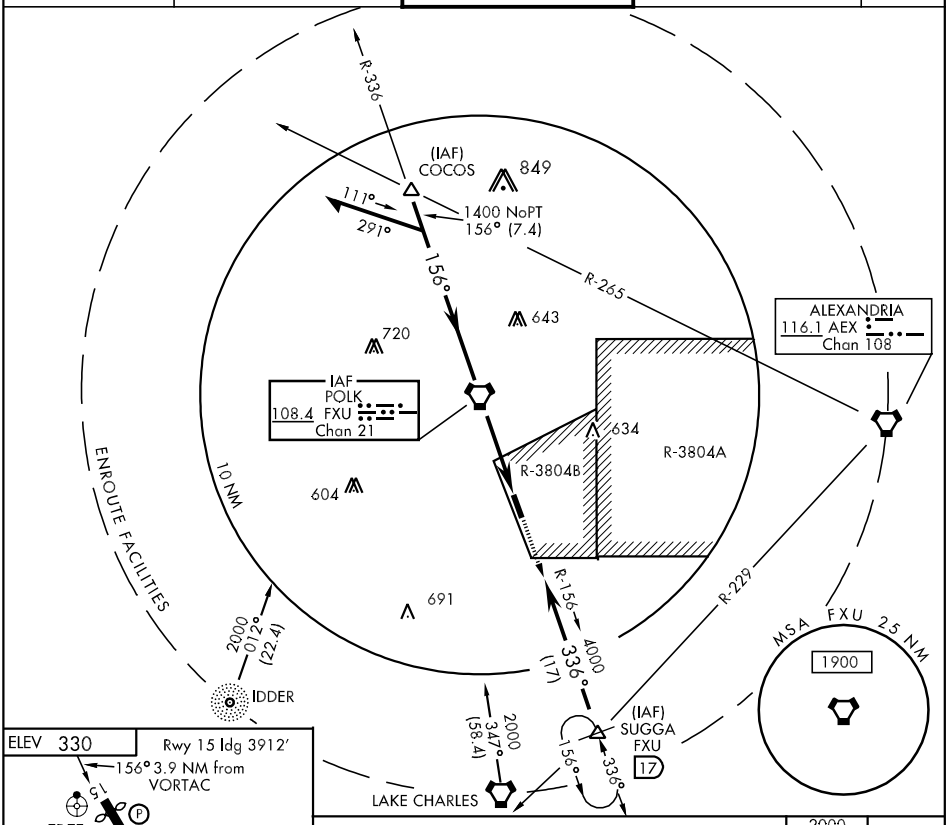
GPS NA

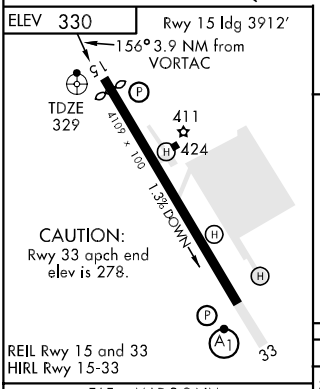
CAUTION: Pilots using this approach must acquaint themselves with any activities in R-3804A, B and R-3803A located 6.0 NM North of COCOS intersection.

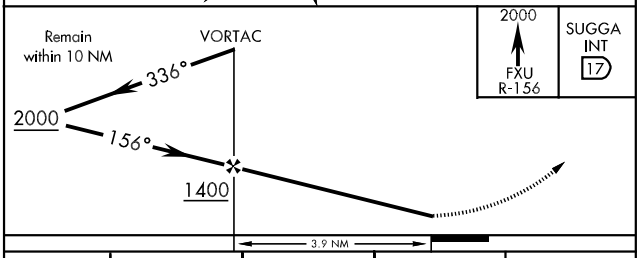
ODALS

MISSED APPROACH: Climb to 2000 via R-156 to SUGGA INT FXU 17 DME and hold.

ATIS	POLK APP CON	POLK TOWER	GND CON	ASR/PAR
134.85 234.3	123.7 254.8	119.0 257.75	121.8 239.25	







FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

CATEGORY	A	B	C	D
S-15	780-¾ 451	(500-¾)	780-1 451(500-1)	780-1¼ 451(500-1¼)
CIRCLING	820-1 490	(500-1)	820-1½ 490(500-1½)	880-2 550(600-2)
S-PAR 15	529-¾ 200	(200-¾)	GS 3.0°	

VOR or TACAN or GPS RWY 15

FORT POLK, LOUISIANA

VORTAC FXU	APCH CRS	Rwy Idg	4109
108.4	336°	TDZE	316
Chan 21		Arpt Elev	330

VOR or TACAN or GPS RWY 33

AL-5096 [USA] POLK AAF (KPOE)

GPS NA

CAUTION: Pilots using this approach must acquaint themselves with any activities in R-3804A, B and R-3803A located 6.0 NM North of COCOS INT.

ALSF-1

MISSED APPROACH: Climb to 2000 via R-156 to FXU VORTAC, then via R-336 to COCOS INT FXU 7.4 DME and hold.

ATIS	POLK APP CON	POLK TOWER	GND CON	ASR/PAR
134.85 234.3	123.7 254.8	119.0 257.75	121.8 239.25	

RADAR REQUIRED FOR CIVIL USE

TACAN NOT FOR CIVIL USE

MSA FXU 25 NM

1900

ENROUTE FACILITIES

10 NM

R-336

156°

336°

COCOS

R-265

643

to FXU VORTAC (7.4)

4000

156°

720

ALEXANDRIA 116.1 AEX Chan 108

POLK 108.4 FXU Chan 21

604

634

R-3804B

R-3804A

SOUTH FM/Radar Continuous dashes

666

to SUGGA INT (17)

4000

156°

336°

1500 NoPT 336° (8.5)

R-229

691

IAF IDDER 385 DR

2000 061° (12.9)

(IAF) SUGGA

156°

336°

2000 353° (42)

R-156

IAF LAKE CHARLES 113.4 LCH Chan 81

ELEV 330

Rwy 15 Idg 3912'

15

411

424

4109 x 100

CAUTION: Rwy 33 apch end elev is 278.

1.3% UP

TDZE 316

REIL Rwy 15 and 33

HIRL Rwy 15-33

33

336° 3.9 NM from SOUTH FM

2000

FXU R-156

FXU

COCOS INT 7.4

FXU R-336

SUGGA 2000

SOUTH FM/ Radar

336°

1500

VORTAC

3.9 NM

FAF to MAP 3.9 NM

Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

CATEGORY	A	B	C	D
S-33	700-1 384 (400-1)			700-1¼ 384(400-1¼)
CIRCLING	820-1 490 (500-1)		820-1½ 490(500-1½)	880-2 550(600-2)
S-PAR 33	579-½ 256 (300-½)		579-¾ 256	(300-¾) GS 3.0°

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 6502
CH 61308	179°	TDZE 1
W18A		Apt Elev 1

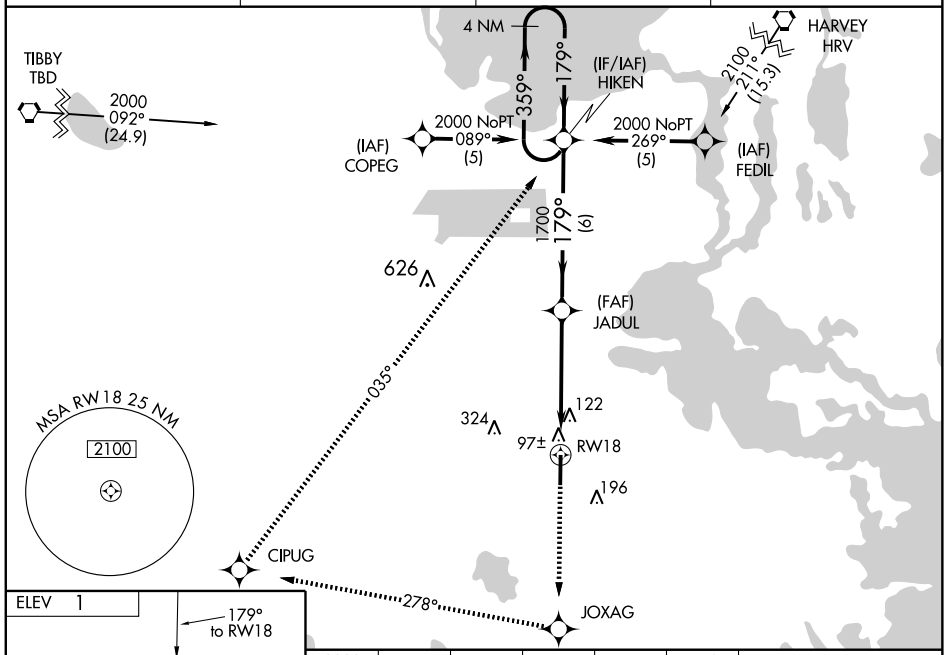
RNAV (GPS) RWY 18

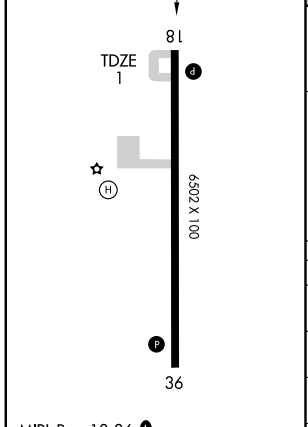
GALLIANO/SOUTH LAFOURCHE LEONARD MILLER JR (GAO)

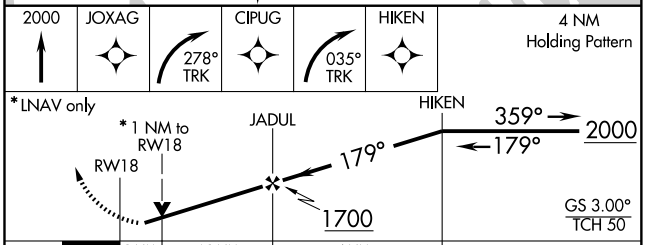
For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP and Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting. When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA and MDA 80 feet. Increase LPV and LNAV/VNAV all Cats, LNAV Cats C and D, and circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct JOXAG and right turn via 278° track to CIPUG and right turn via 035° track to HIKEN and hold.

AWOS-3	NEW ORLEANS APP CON	GCO	UNICOM
118.175	123.85 256.9	135.075	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	351-1¼ 350 (400-1¼)			
LNAV/VNAV DA	382-1¼ 381 (400-1¼)			
LNAV MDA	380-1 379 (400-1)			
CIRCLING	500-1 499 (500-1)	560-1 559 (600-1)	560-1½ 559 (600-1½)	560-2 559 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 6502
CH 69608	359°	TDZE -1
W36A		Apt Elev 1

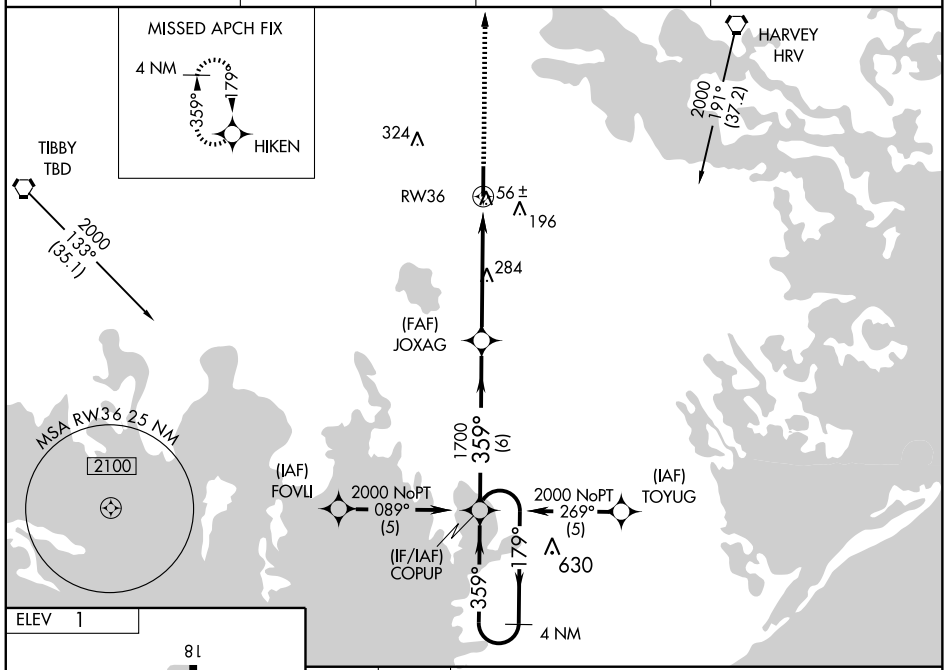
RNAV (GPS) RWY 36

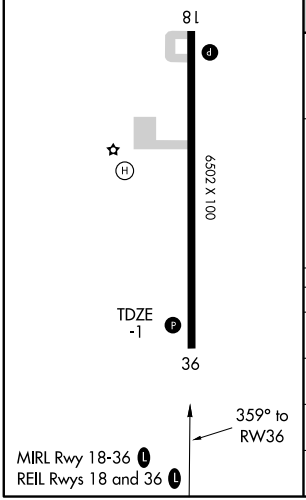
GALLIANO/SOUTH LAFOURCHE LEONARD MILLER JR (GAO)

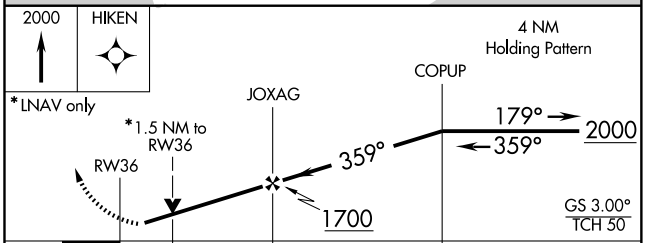
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA/MDA 80 feet. Increase LPV and LNAV/VNAV all Cats, LNAV Cats C and D, and circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 2000 direct HIKEN and hold.

AWOS-3	NEW ORLEANS APP CON	GCO	UNICOM
118.175	123.85 256.9	135.075	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	289-1 290 (300-1)			
LNAV/VNAV DA	497-1¾ 498 (500-1¾)			
LNAV MDA	540-1 541 (600-1)		540-1½ 541 (600-1½)	540-1¾ 541 (600-1¾)
CIRCLING	540-1 539 (600-1)	560-1 559 (600-1)	560-1½ 559 (600-1½)	560-2 559 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3998
169°	TDZE	14
	Apt Elev	15

RNAV (GPS) RWY 17

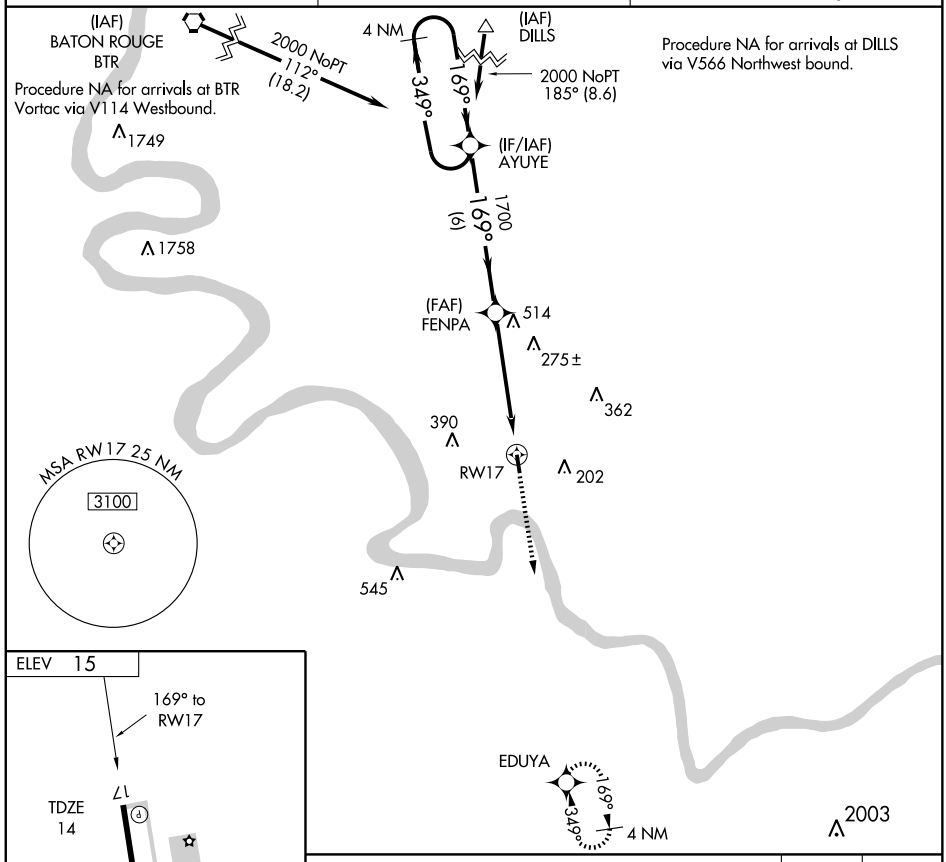
GONZALES/LOUISIANA RGNL (L38)

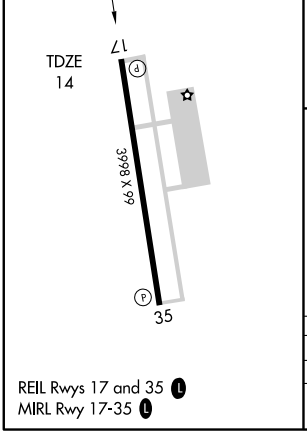
NA

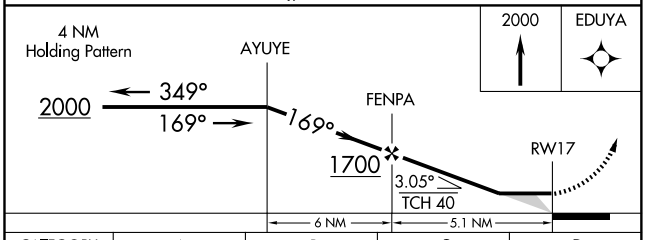
DME/DME RNP-0.3 NA. Use Baton Rouge Metropolitan, Ryan Field altimeter setting; if not received, use Hammond Northshore Rgnl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 2000 direct EDUYA and hold.

BATON ROUGE APP CON ★	GCO	UNICOM
126.5 278.3	135.075	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	520-1	506 (600-1)	520-1½	506 (600-1½)
CIRCLING	520-1	505 (600-1)	620-1¾ 605 (700-1¾)	640-2 625 (700-2)

REIL Rwys 17 and 35 L
MIRL Rwy 17-35 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3998
349°	TDZE	14
	Apt Elev	15

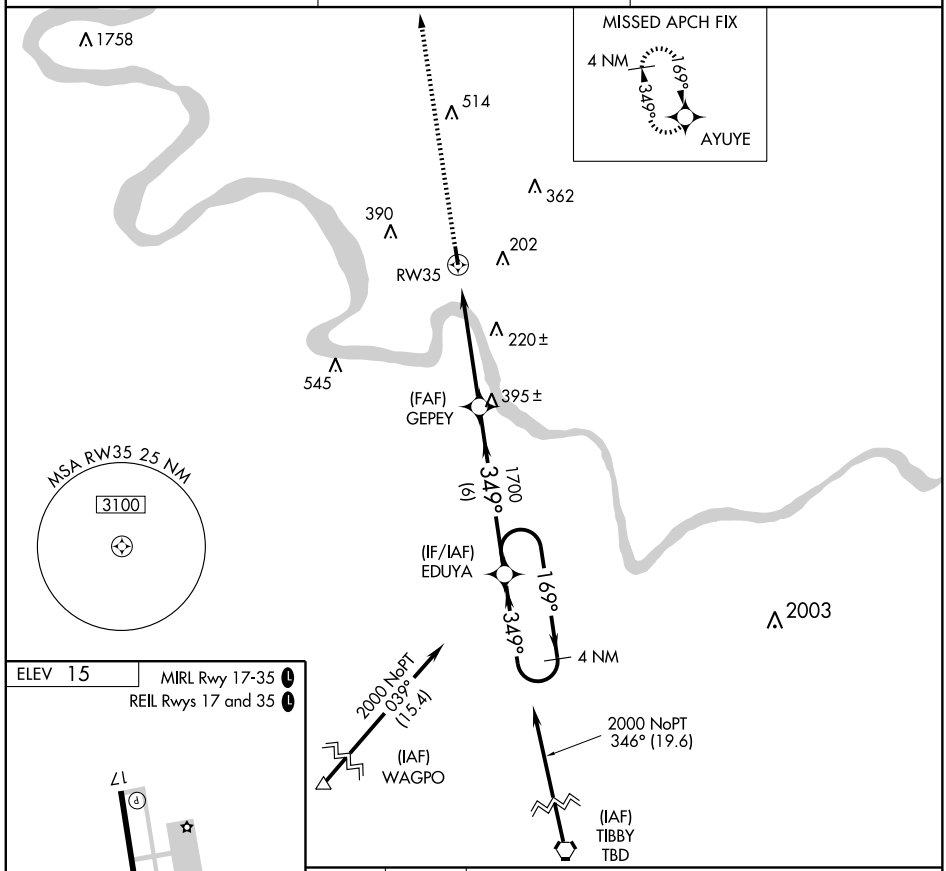
RNAV (GPS) RWY 35

GONZALES/ LOUISIANA RGNL (L38)

DME/DME RNP-0.3 NA. Use Baton Rouge Metropolitan, Ryan Field altimeter setting; if not received, use Hammond Northshore Rgnl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 2000 direct AYUYE and hold.

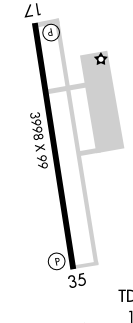
BATON ROUGE APP CON ★	GCO	UNICOM
126.5 278.3	135.075	123.0 (CTAF) L

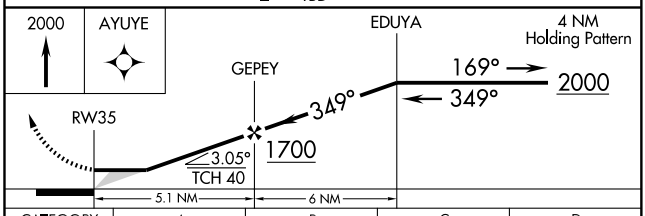


ELEV 15

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L





CATEGORY	A	B	C	D
LNAV MDA	540-1 526 (600-1)		540-1½ 526 (600-1½)	540-1¾ 526 (600-1¾)
CIRCLING	540-1 525 (600-1)		620-1¾ 605 (700-1¾)	640-2 625 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC BTR 116.5 Chan 112	APP CRS 129°	Rwy Idg N/A TDZE N/A Apt Elev 15

VOR/DME-A

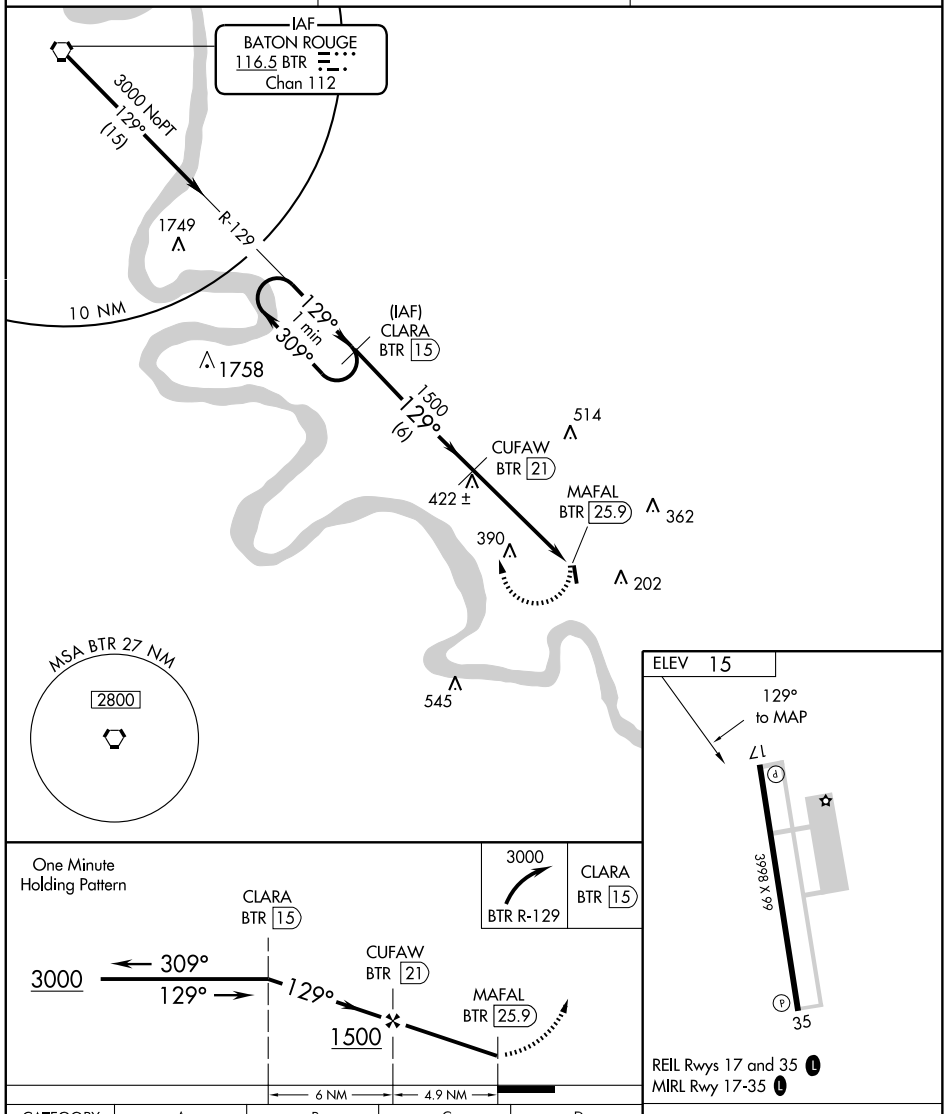
GONZALES/ LOUISIANA RGNL (L38)

Use Baton Rouge Metropolitan, Ryan Field altimeter setting; if not received, use Hammond Northshore Rgnl altimeter setting and increase all MDAs 20 feet.

NA

MISSED APPROACH: Climbing right turn to 3000 via BTR R-129 to CLARA/15 DME and hold.

BATON ROUGE APP CON ★	GCO	UNICOM
126.5 278.3	135.075	123.0 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	800-1 785 (800-1)	800-1¼ 785 (800-1¼)	800-2¼ 785 (800-2¼)	800-2½ 785 (800-2½)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-HPF	APP CRS	Rwy Idg	5001
111.5	177°	TDZE	44
		Apt Elev	46

ILS or LOC RWY 18

HAMMOND NORTHSHORE RGNL (HDC)

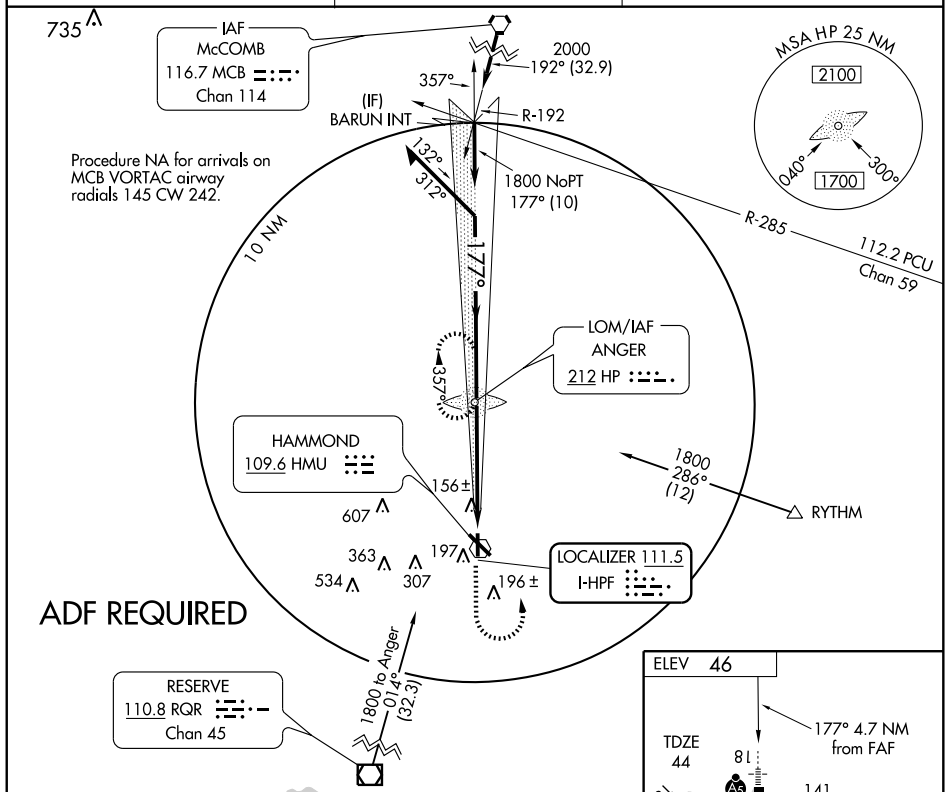
If local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA/MDAs 100 feet.

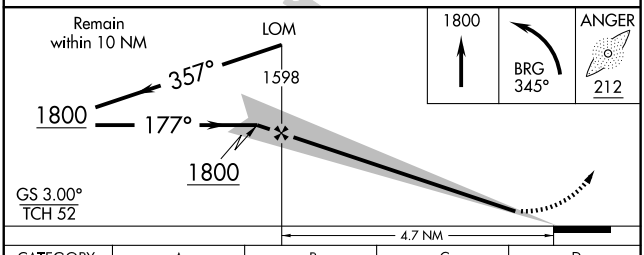
NA

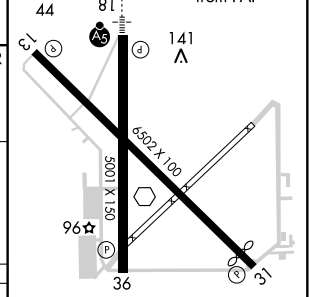
MALSR

MISSED APPROACH: Climb to 1800 then left turn via bearing 345° to ANGER LOM and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
118.325	119.3 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 18	244-½ 200 (200-½)			
S-LOC 18	420-½ 376 (400-½)			420-¾ 376 (400-¾)
CIRCLING	500-1 454 (500-1)		500-1½ 454 (500-1½)	620-2 574 (600-2)

REIL Rwys 13, 31 and 36 L
MIRL Rwys 13-31 and 18-36 L

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
177°	TDZE	44
	Apt Elev	46

RNAV (GPS) RWY 18

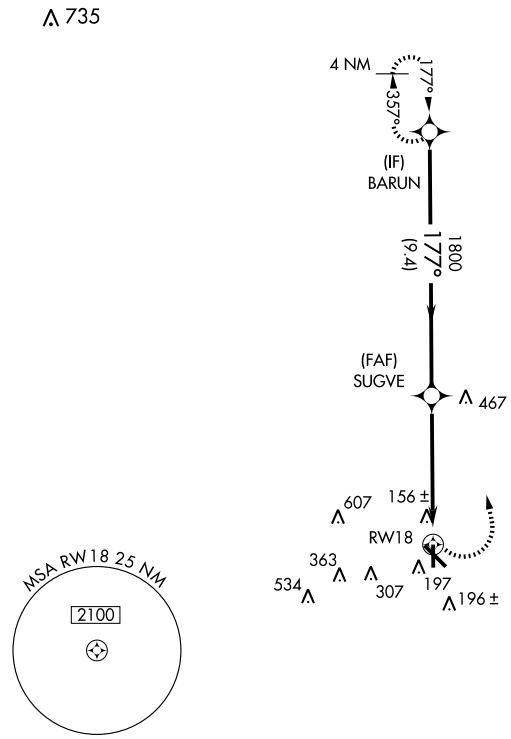
HAMMOND NORTHSHORE RGNL (HDC)

If local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDAs 100 feet. VDP NA when using Louis Armstrong New Orleans Intl altimeter setting. For inoperative MALSR, increase LNAV Cat D visibility to 1¼. DME/DME RNP-0.3 NA.

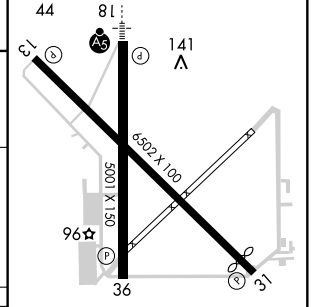
MALSR

MISSED APPROACH: Climbing left turn to 1800 direct BARUN and hold.

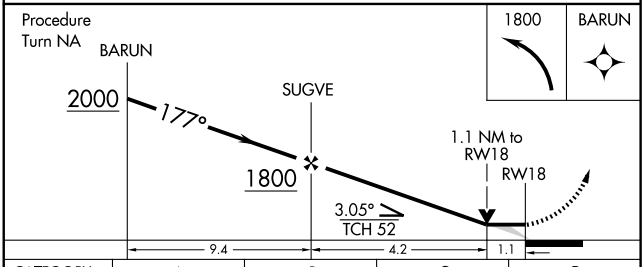
AWOS-3	NEW ORLEANS APP CON	UNICOM
118.325	119.3 350.35	122.7 (CTAF) L



RADAR REQUIRED



REIL Rwys 13, 31 and 36 L
MIRL Rwys 13-31 and 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	460-½	416 (500-½)	460-¾ 416 (500-¾)	460-1 416 (500-1)
CIRCLING	500-1	454 (500-1)	500-1½ 454 (500-1½)	620-2 574 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5812
311°	TDZE	43
	Apt Elev	46

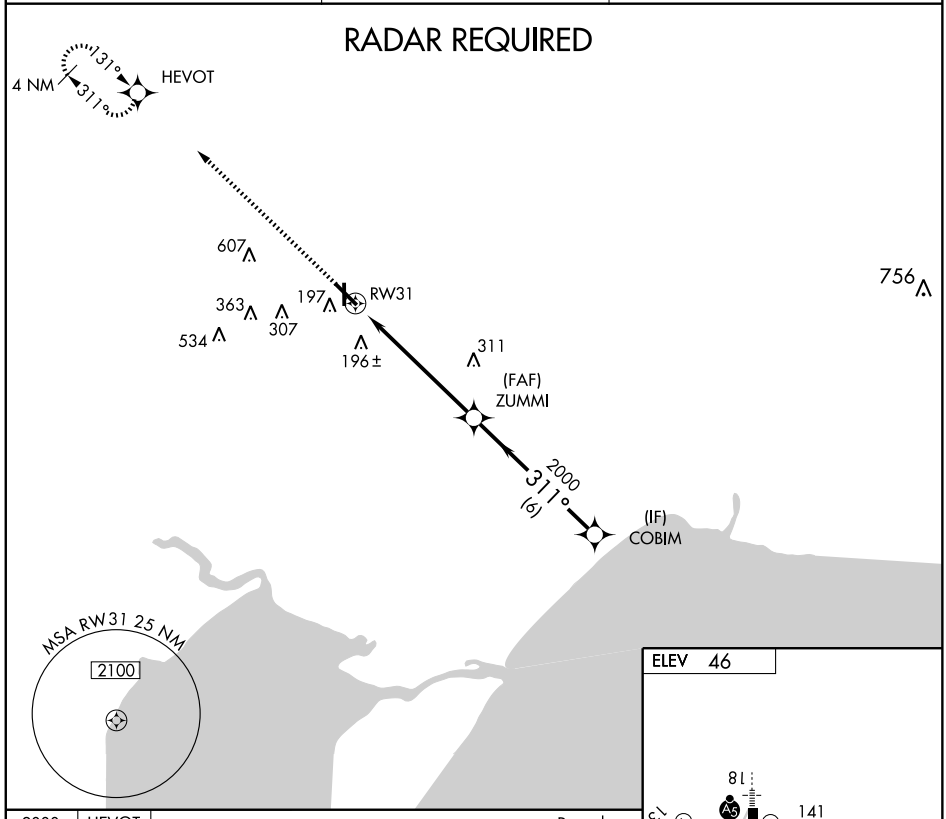
RNAV (GPS) RWY 31
HAMMOND NORTHSHORE RGNL (HDC)

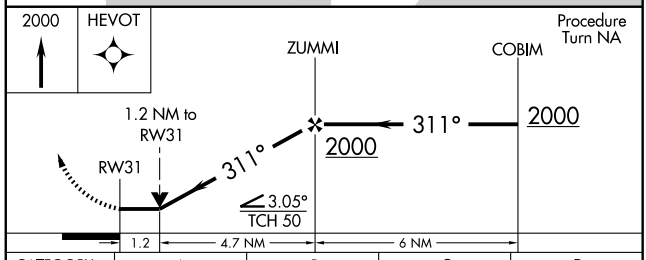
If local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDAs 100 feet. DME/DME RNP-0.3 NA. VDP NA when using Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 2000 direct HEVOT and hold.

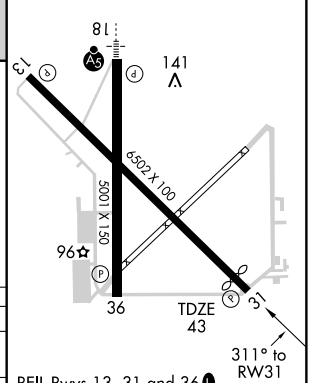
AWOS-3	NEW ORLEANS APP CON	UNICOM
118.325	119.3 350.35	122.7 (CTAF) L

RADAR REQUIRED





CATEGORY	A	B	C	D
LNAV MDA	460-1	417 (500-1)	460-1¼	417 (500-1¼)
CIRCLING	500-1	454 (500-1)	500-1½ 454 (500-1½)	620-2 574 (600-2)



REIL Rwys 13, 31 and 36 L
MIRL Rwys 13-31 and 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR HMU	APP CRS	Rwy Idg	5001
109.6	172°	TDZE	44
		Apt Elev	46

VOR RWY 18

HAMMOND NORTHSHORE RGNL (HDC)

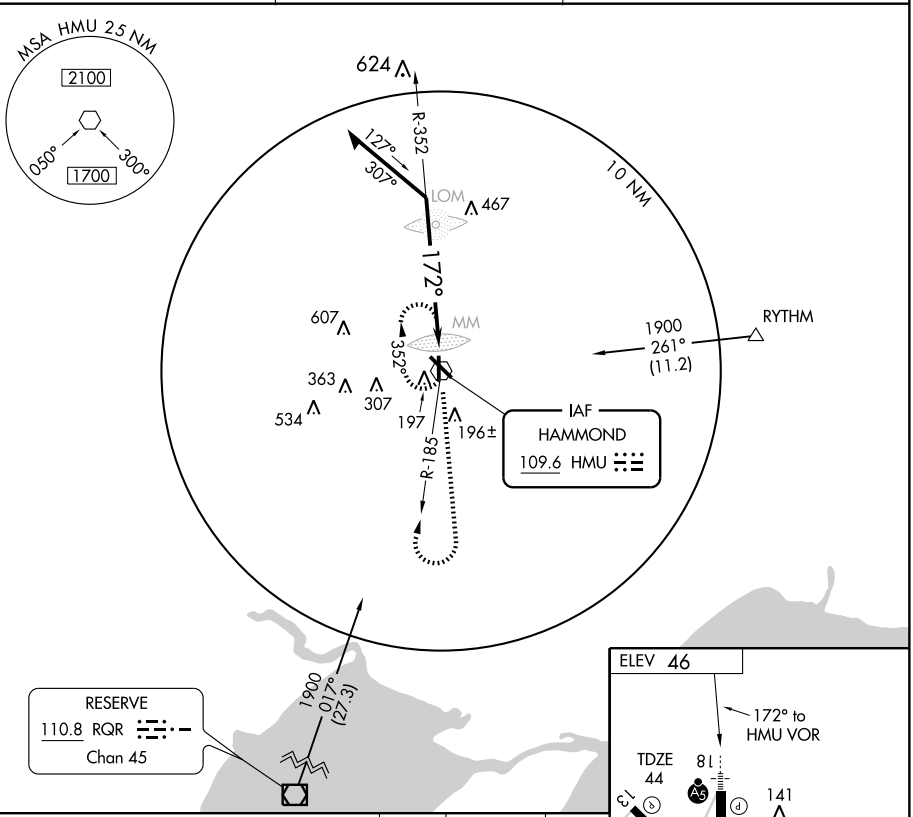
If local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDAs 100 feet.

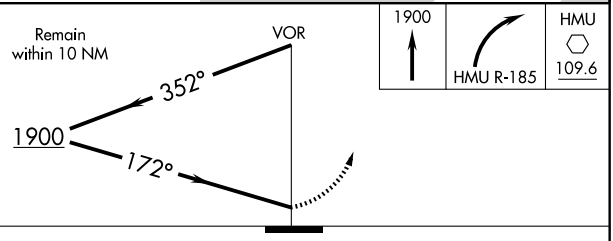
NA

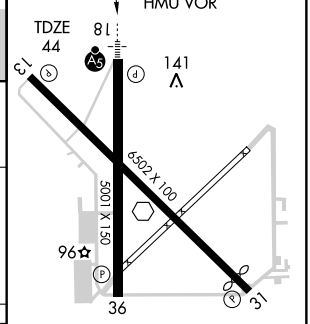
MALSR

MISSED APPROACH: Climb to 1900 then right turn via HMU R-185 to HMU VOR and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
118.325	119.3 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-18	820-½ 776 (800-½)	820-¾ 776 (800-¾)	820-1¾ 776 (800-1¾)	820-2 776 (800-2)
CIRCLING	820-1 774 (800-1)	820-1¼ 774 (800-1¼)	820-2¼ 774 (800-2¼)	820-2½ 774 (800-2½)

REIL Rwys 13, 31 and 36 L

MIRL Rwys 13-31 and 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR HMU	APP CRS	Rwy Idg	5812
109.6	305°	TDZE	43
		Apt Elev	46

VOR RWY 31

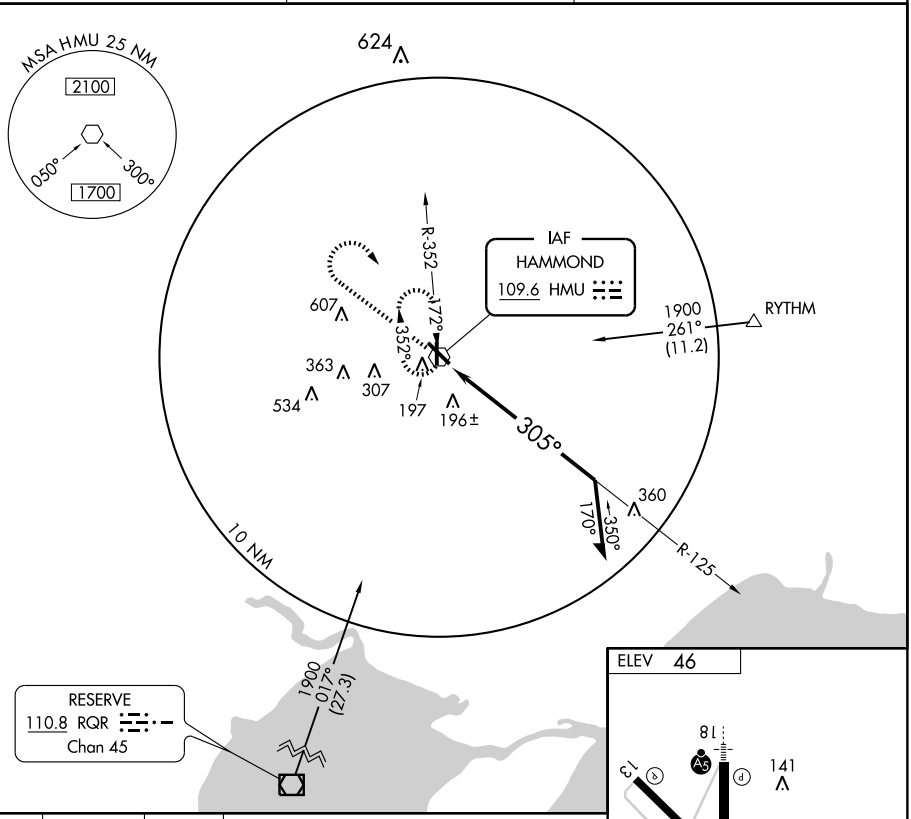
HAMMOND NORTHSHORE RGNL (HDC)

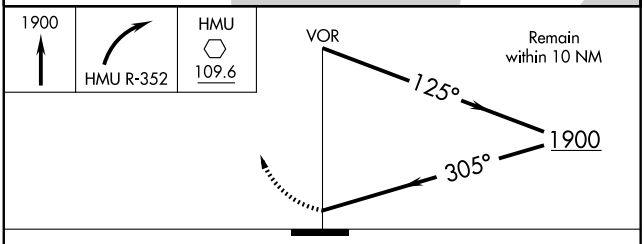
If local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDAs 100 feet.

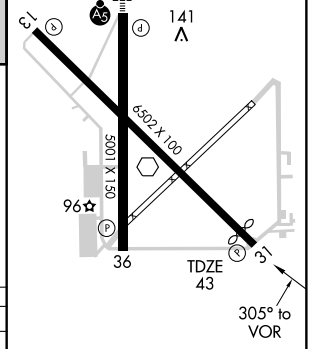
NA

MISSED APPROACH: Climb to 1900, then right turn via HMU R-352 to HMU VOR and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
118.325	119.3 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-31	1000-1¼ 957 (1000-1¼)	1000-1½ 957 (1000-1½)	1000-3 957 (1000-3)	
CIRCLING	1000-1¼ 954 (1000-1¼)	1000-1½ 954 (1000-1½)	1000-3 954 (1000-3)	

REIL Rwys 13, 31 and 36 L
MIRL Rwys 13-31 and 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB HMQ	APP CRS	Rwy Idg	3199
212	109°	TDZE	244
		Apt Elev	244

NDB RWY 12

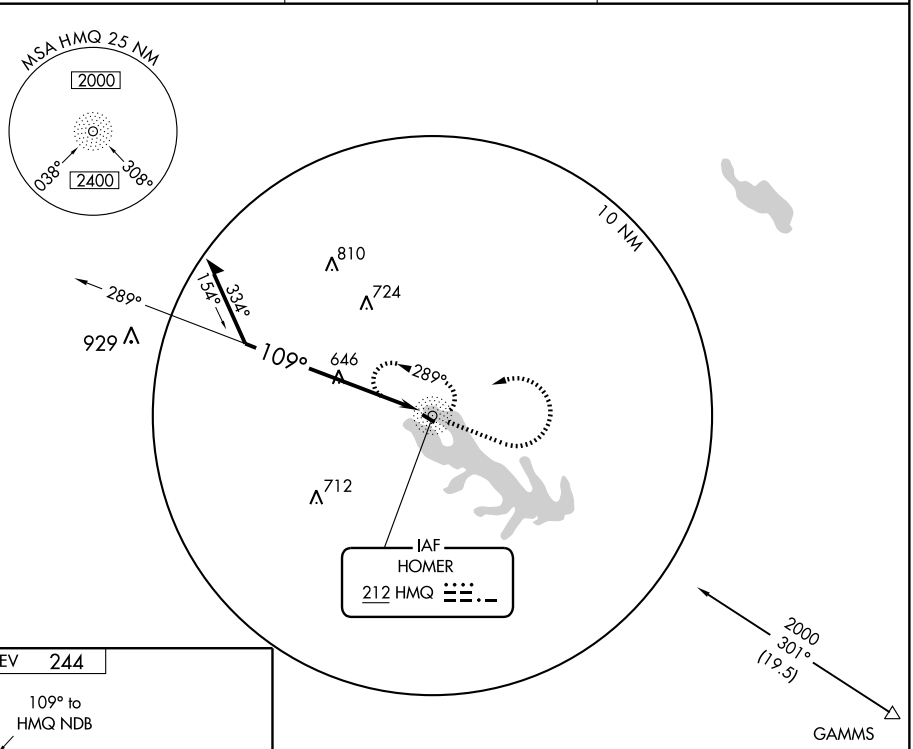
HOMER MUNI (5F4)

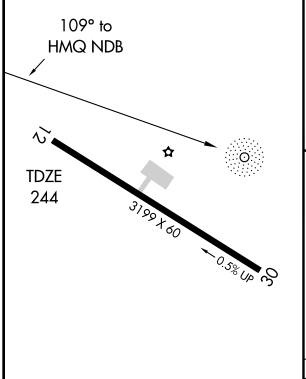
Use Barksdale AFB altimeter setting.

NA

MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 direct HMQ NDB and hold.

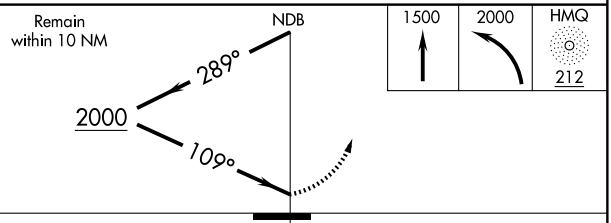
SHREVEPORT APP CON	CTAF	122.8 L
118.6 350.2	122.9	





MIRL Rwy 12-30 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-12	1160-1¼ 916 (1000-1¼)		1160-2¾ 916 (1000-2¾)	NA
CIRCLING	1160-1¼ 916 (1000-1¼)		1160-2¾ 916 (1000-2¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

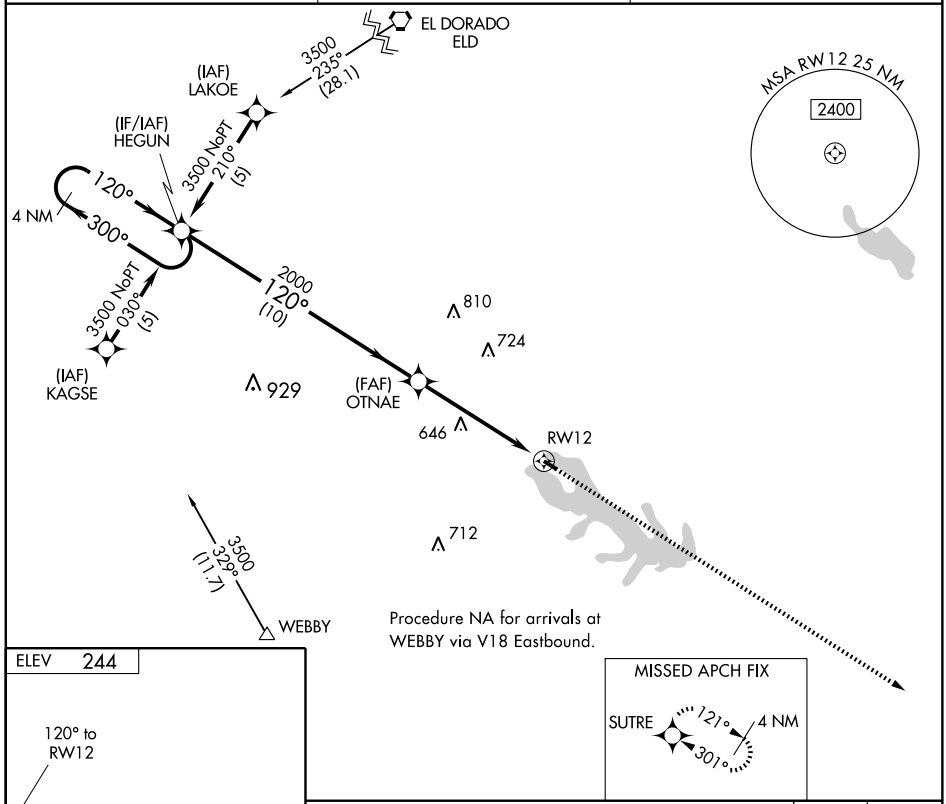
APP CRS	Rwy Idg	3199
120°	TDZE	244
	Apt Elev	244

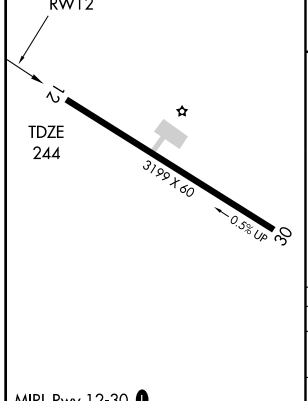
RNAV (GPS) RWY 12
HOMER MUNI (5F4)

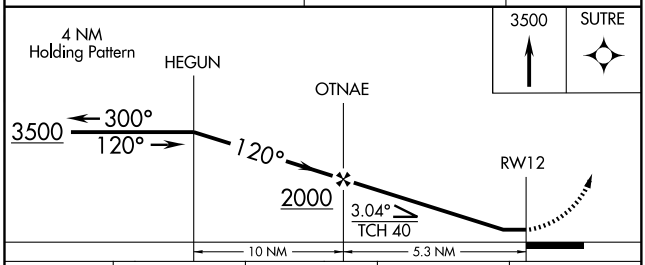
Use El Dorado, AR altimeter setting, when not received use Ruston altimeter setting. Procedure NA at night.
NA DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3500 direct SUTRE and hold.

SHREVEPORT APP CON	CTAF	122.8 L
118.6 350.2	122.9	







CATEGORY	A	B	C	D
LNAV MDA	1020-1 776 (800-1)	1020-1¼ 776 (800-1¼)	1020-2¼ 776 (800-2¼)	NA
CIRCLING	1020-1 776 (800-1)	1020-1¼ 776 (800-1¼)	1020-2¼ 776 (800-2¼)	NA

MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

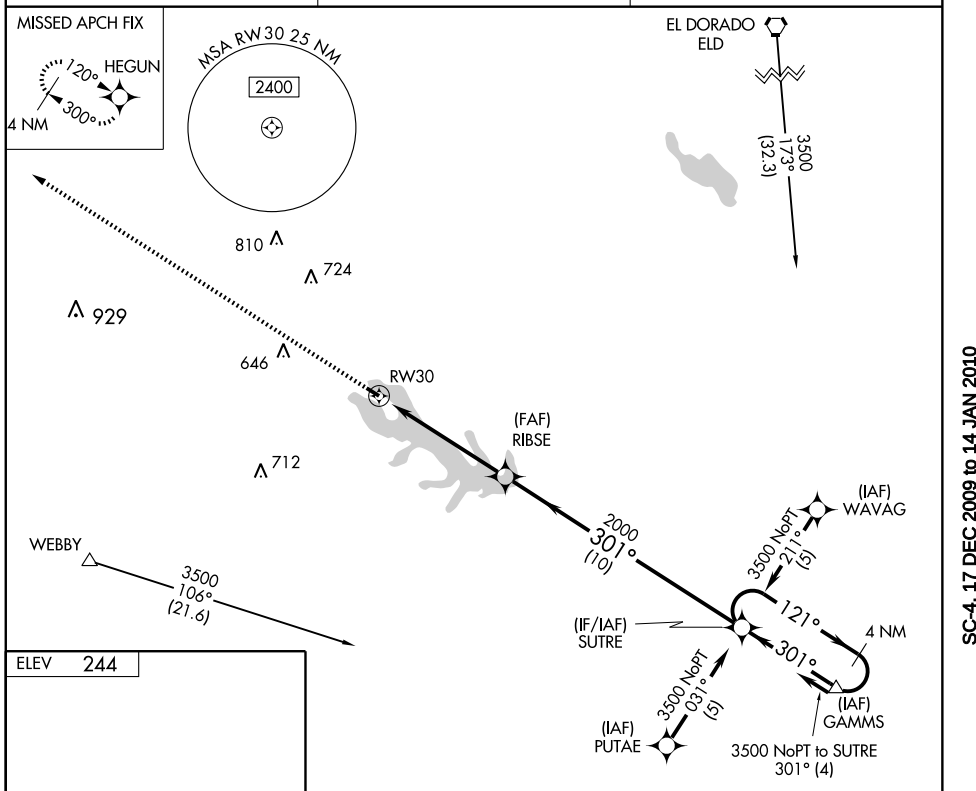
APP CRS	Rwy Idg	3199
301°	TDZE	244
	Apt Elev	244

RNAV (GPS) RWY 30
HOMER MUNI (5F4)

Use El Dorado, AR altimeter setting, when not received use Ruston altimeter setting.
NA DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3500 direct HEGUN and hold.

SHREVEPORT APP CON	CTAF	122.8 L
118.6 350.2	122.9	



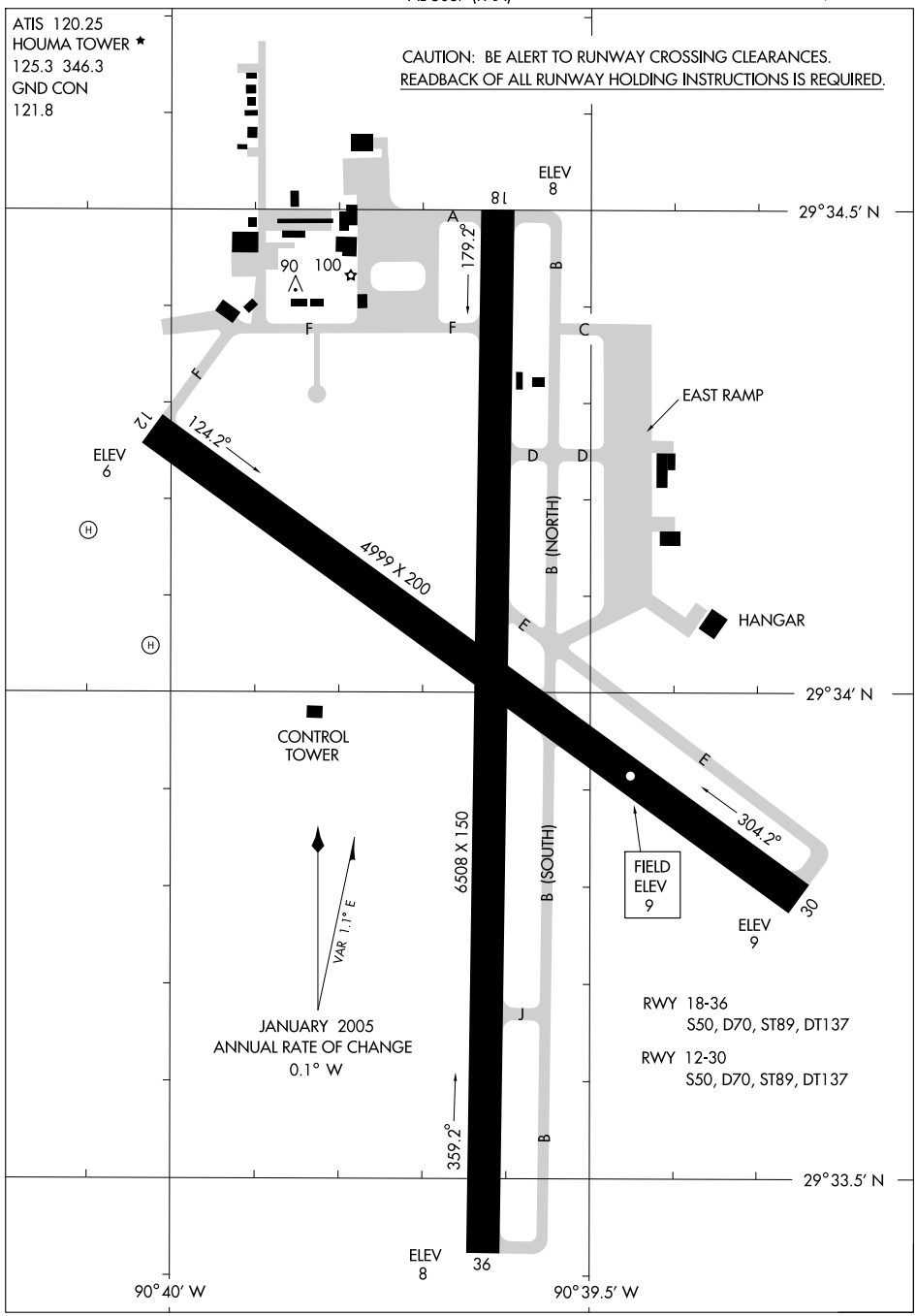
CATEGORY	A	B	C	D
LNAV MDA	840-1 596 (600-1)		840-1½ 596 (600-1½)	NA
CIRCLING	840-1 596 (600-1)		840-1½ 596 (600-1½)	NA

MIRL Rwy 12-30 L

AIRPORT DIAGRAM

AL-5037 (FAA)

HOUMA-TERREBONNE (HUM)
HOUMA, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC TBD 112.0 Chan 57	APP CRS 121°	Rwy Idg 4999 TDZE 9 Apt Elev 10

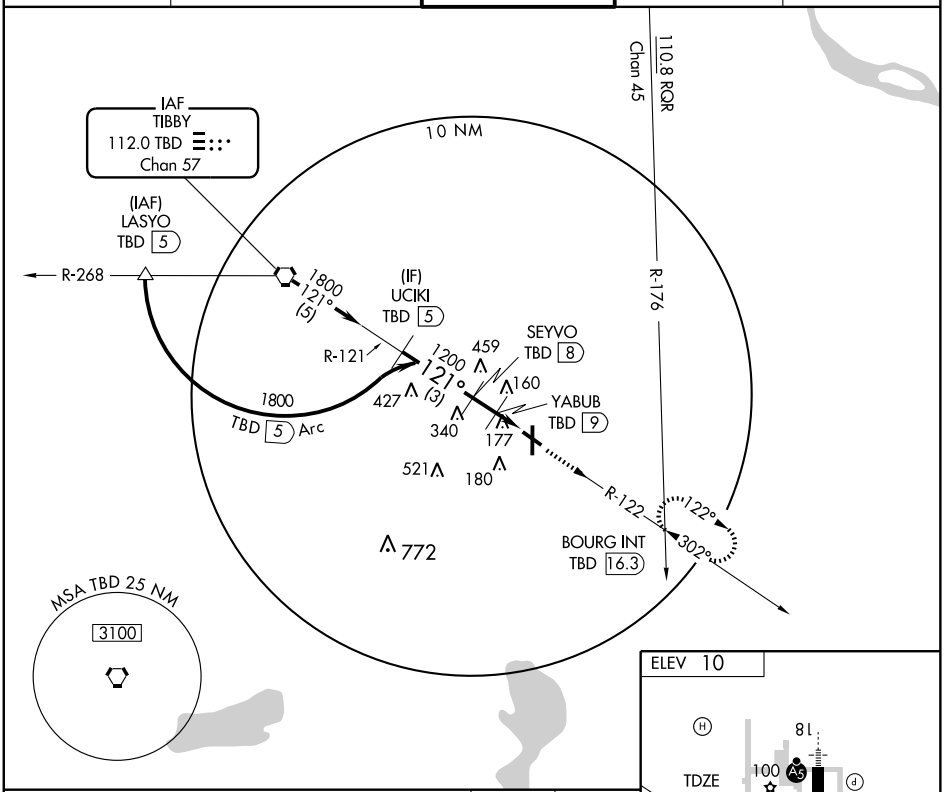
COPTER VOR/DME RWY 12

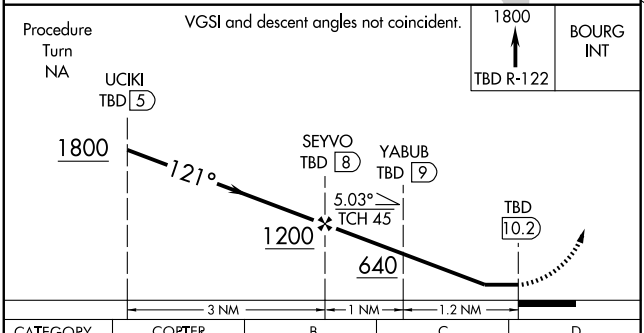
HOUMA-TERREBONNE (HUM)

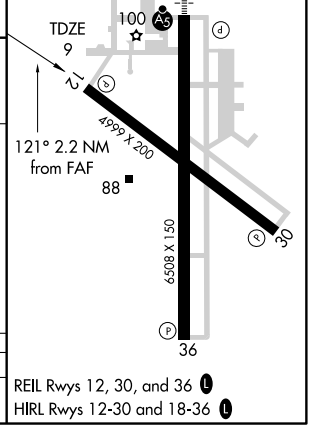
⚠ When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase MDA 80 feet.

MISSED APPROACH: Climb to 1800 via TBD VORTAC R-122 to BOURG INT/16.3 DME and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER★	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) 346.3	121.8	122.95







CATEGORY	COPTER	B	C	D
H-12	440-¾ 431 (500-¾)	NA	NA	NA

REIL Rwys 12, 30, and 36 L

HIRL Rwys 12-30 and 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-HUM	APP CRS	Rwy Idg	6508
108.5	179°	TDZE	9
		Apt Elev	10

ILS or LOC RWY 18

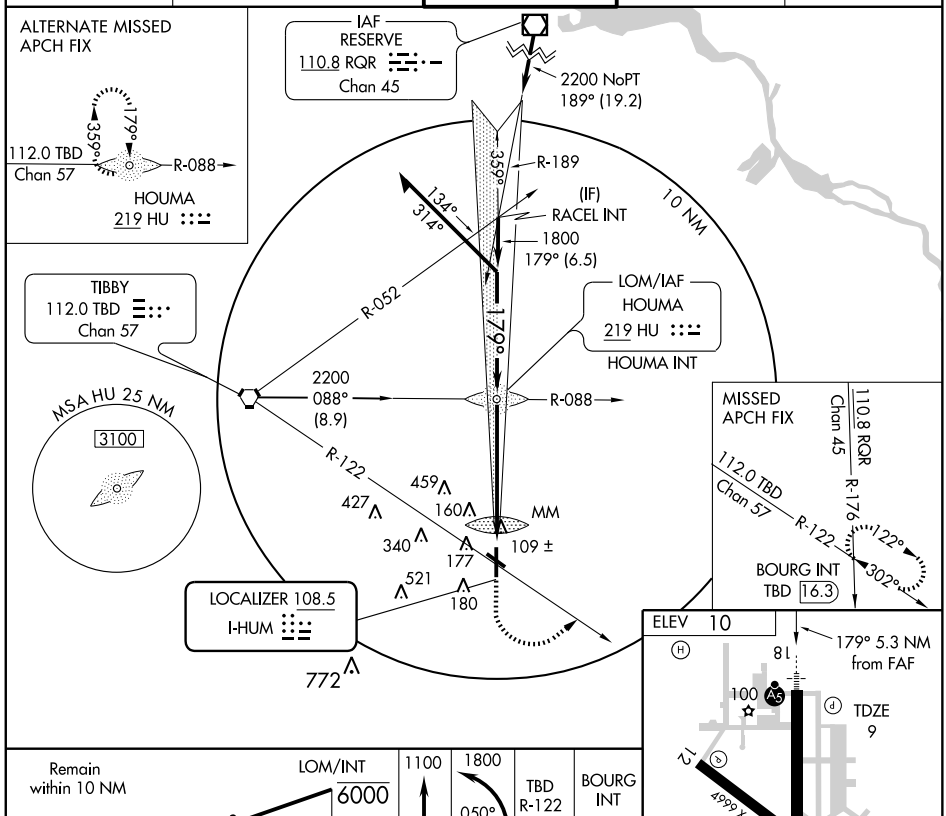
HOUMA-TERREBONNE (HUM)

When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 77 feet and all MDA 80 feet, increase S-LOC 18 Cats C and D visibility ¼ mile and Circling Cat D ¼ mile. For inoperative MALSR when using Louis Armstrong New Orleans Intl altimeter setting increase S-ILS 18 all Cats visibility ½ mile.

MALSR

MISSED APPROACH: Climb to 1100 then climbing left turn to 1800 via heading 050° and TBD R-122 to BOURG INT/TBD 16.3 DME and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER★	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95



REIL Rwys 12, 30, and 36 L

HIRL Rwys 12-30 and 18-36 L

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

CATEGORY	A	B	C	D
S-ILS 18	209-½ 200 (200-½)			
S-LOC 18	360-½ 351 (400-½)			360-¾ 351 (400-¾)
CIRCLING	480-1 470 (500-1)		480-1½ 470 (500-1½)	620-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4999
CH 56313	124°	TDZE	9
W12A		Apt Elev	10

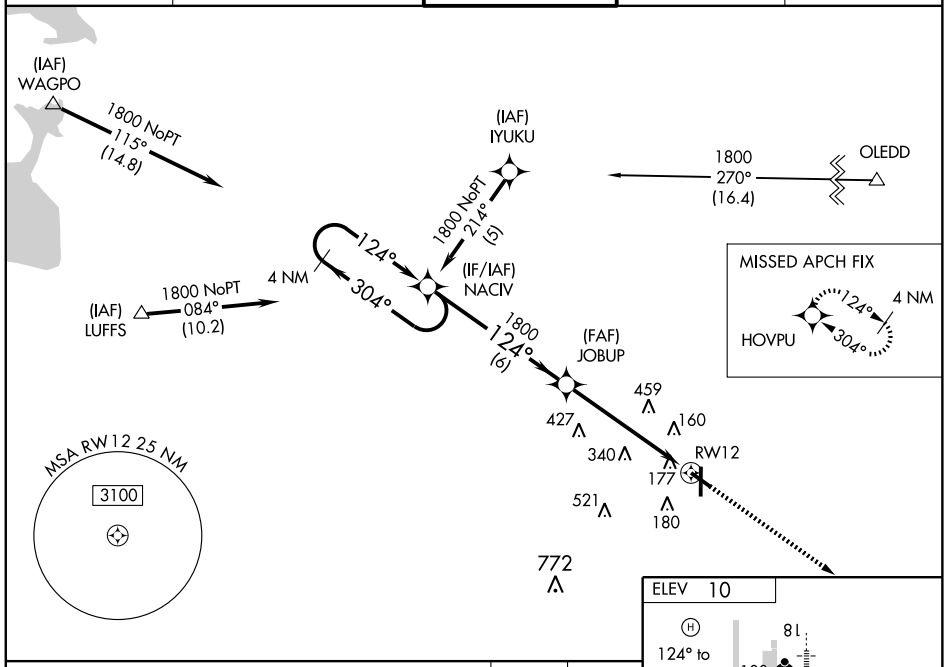
RNAV (GPS) RWY 12

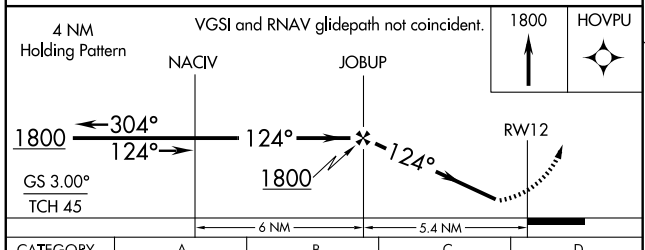
HOUMA-TERREBONNE (HUM)

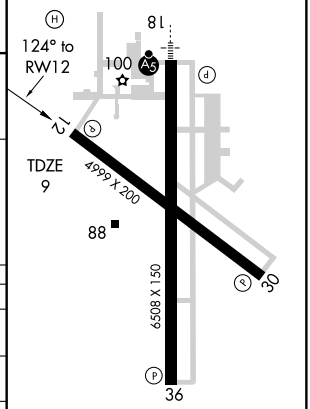
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F).
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 77 feet and all MDA 80 feet, increase LPV and LNAV/VNAV all Cats and LNAV and Circling Cat B/C/D visibility ¼ mile. Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 1800 direct HOVPU and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER*	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) T 346.3	121.8	122.95







CATEGORY	A	B	C	D
LPV DA	294-1 285 (300-1)			
LNAV/VNAV DA	491-1¾ 482 (500-1¾)			
LNAV MDA	680-1 671 (700-1)		680-2 671 (700-2)	680-2¼ 671 (700-2¼)
CIRCLING	680-1 670 (700-1)		680-2 670 (700-2)	680-2¼ 670 (700-2¼)

REIL Rwys 12, 30, and 36 L
HIRL Rwys 12-30 and 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6508
CH 99413	179°	TDZE	9
W18A		Apt Elev	10

RNAV (GPS) RWY 18

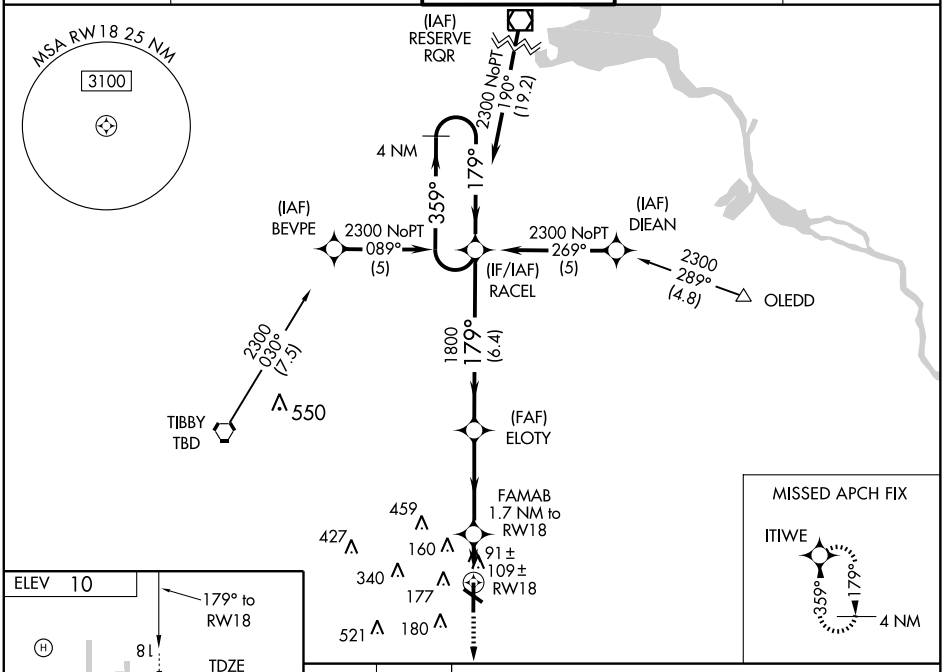
HOUMA-TERREBONNE (HUM)

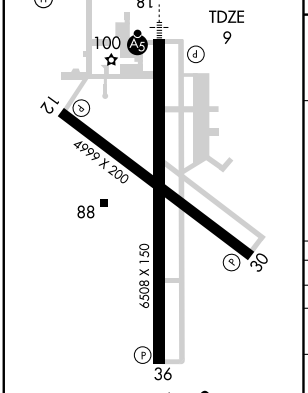
Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 77 feet and LNAV/VNAV all Cats visibility ¼ mile, increase all MDA 80 feet, LNAV Cat C visibility ¼ mile and Circling Cat D visibility ¼ mile.
For inoperative MALSR when using Louis Armstrong New Orleans Intl altimeter setting increase LPV all Cats visibility to 1 mile.

MALSR

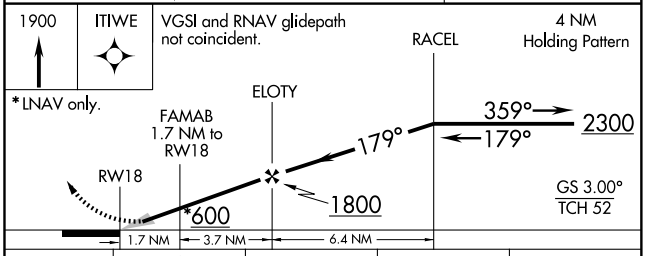
MISSED APPROACH: Climb to 1900 direct ITIWE and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER*	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95





REIL Rwys 12, 30, and 36 L
HIRL Rwys 12-30 and 18-36 L



CATEGORY	A	B	C	D
LPV DA	209-½ 200 (200-½)			
LNAV/VNAV DA	450-1 441 (500-1)			
LNAV MDA	440-½ 431 (500-½)		440-¾ 431 (500-¾)	440-1 431 (500-1)
CIRCLING	480-1 470 (500-1)		480-1½ 470 (500-1½)	620-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

HOUMA, LOUISIANA

AL-5037 (FAA)

WAAS CH 61013 W30A	APP CRS 304°	Rwy Idg 4999 TDZE 10 Apt Elev 10

RNAV (GPS) RWY 30

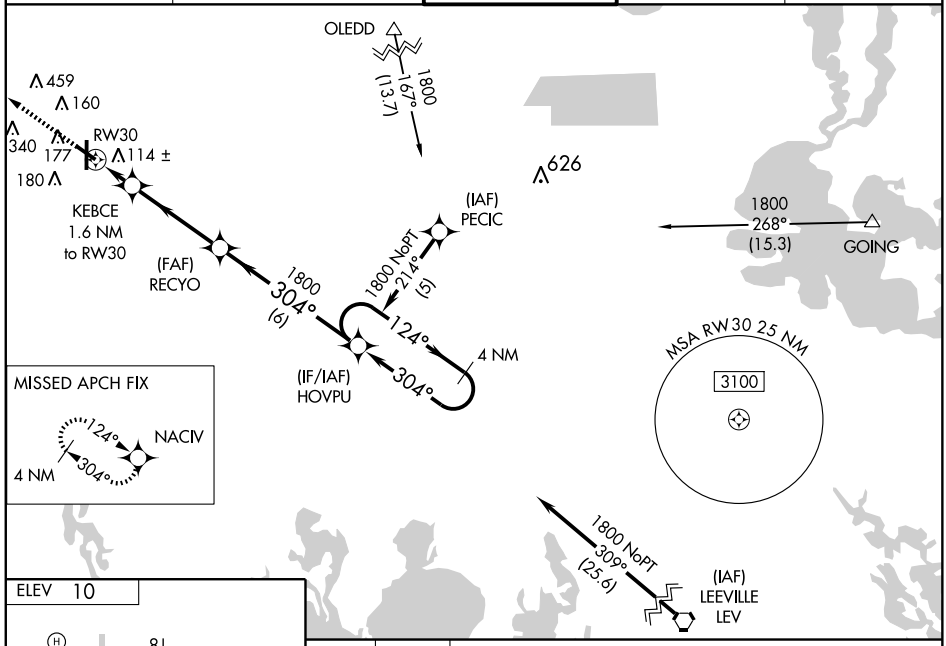
HOUMA-TERREBONNE (HUM)

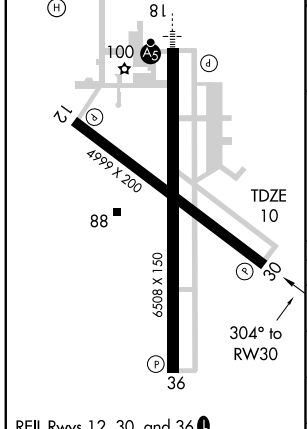
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F).

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 77 feet and all MDA 80 feet, increase LPV and LNAV/VNAV all Cats, LNAV Cat C/D, and Circling Cat D visibility ¼ mile.
Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting.

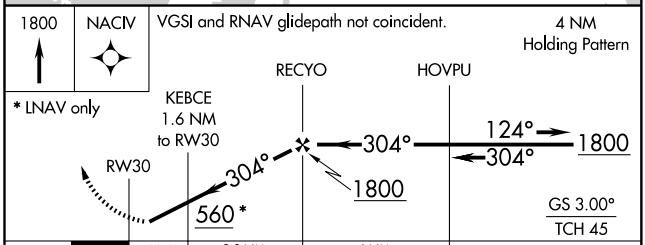
MISSED APPROACH: Climb to 1800 direct NACIV and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER*	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95





REIL Rwys 12, 30, and 36 L
HIRL Rwys 12-30 and 18-36 L



CATEGORY	A	B	C	D
LPV DA	260-1 250 (300-1)			
LNAV/VNAV DA	413-1½ 403 (500-1½)			
LNAV MDA	380-1 370 (400-1)			380-1¼ 370 (400-1¼)
CIRCLING	480-1 470 (500-1)		480-1½ 470 (500-1½)	620-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

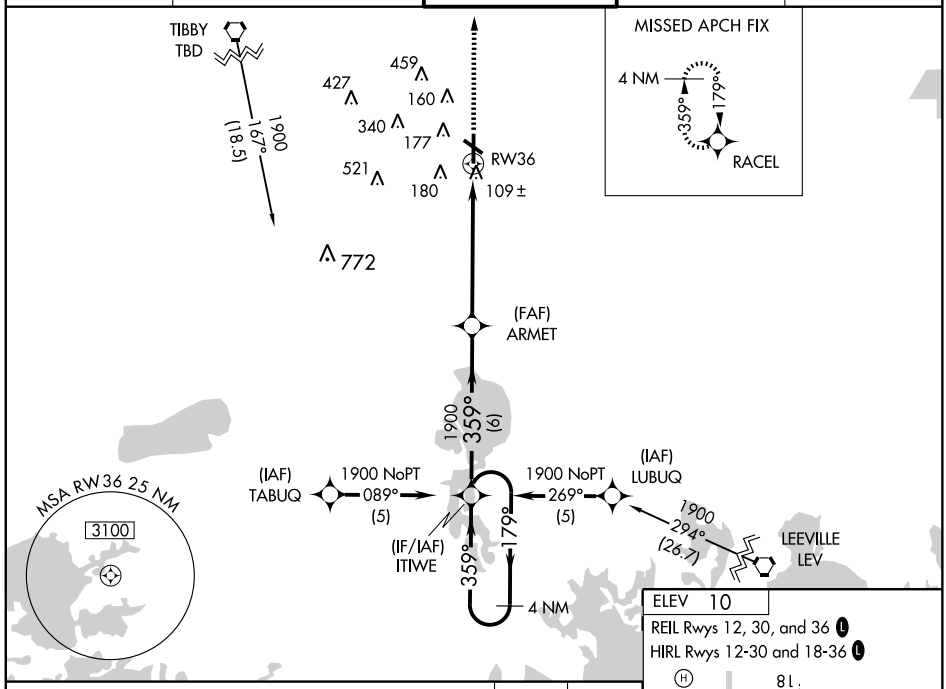
WAAS	APP CRS	Rwy Idg	6508
CH 56413	359°	TDZE	9
W36A		Apt Elev	10

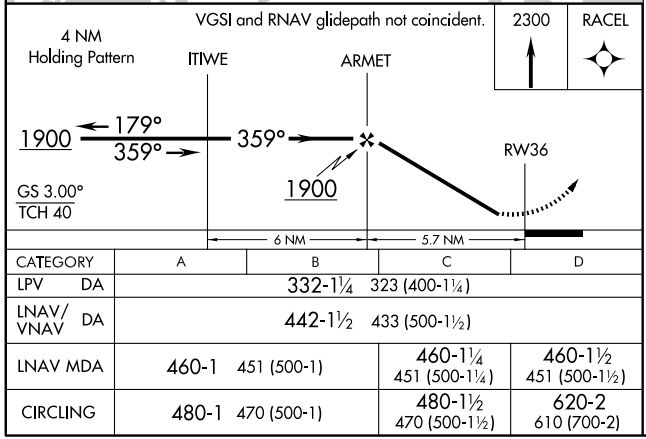
RNAV (GPS) RWY 36
HOUMA-TERREBONNE (HUM)

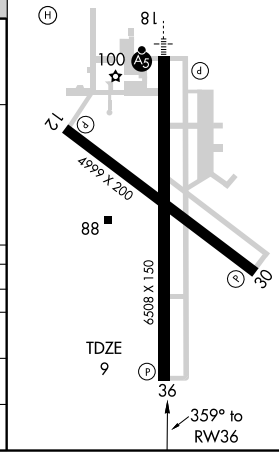
Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 77 feet and LPV and LNAV/VNAV all Cats visibility ¼ mile, increase all MDA 80 feet, LNAV Cats C/D visibility ¼ mile and Circling Cat D visibility ¼ mile.

MISSED APPROACH: Climb to 2300 direct RACEL and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER*	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95







CATEGORY	A	B	C	D
LPV DA	332-1¼ 323 (400-1¼)			
LNAV/VNAV DA	442-1½ 433 (500-1½)			
LNAV MDA	460-1 451 (500-1)		460-1¼ 451 (500-1¼)	460-1½ 451 (500-1½)
CIRCLING	480-1 470 (500-1)		480-1½ 470 (500-1½)	620-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC TBD	APP CRS	Rwy Idg	4999
112.0	302°	TDZE	10
Chan 57		Apt Elev	10

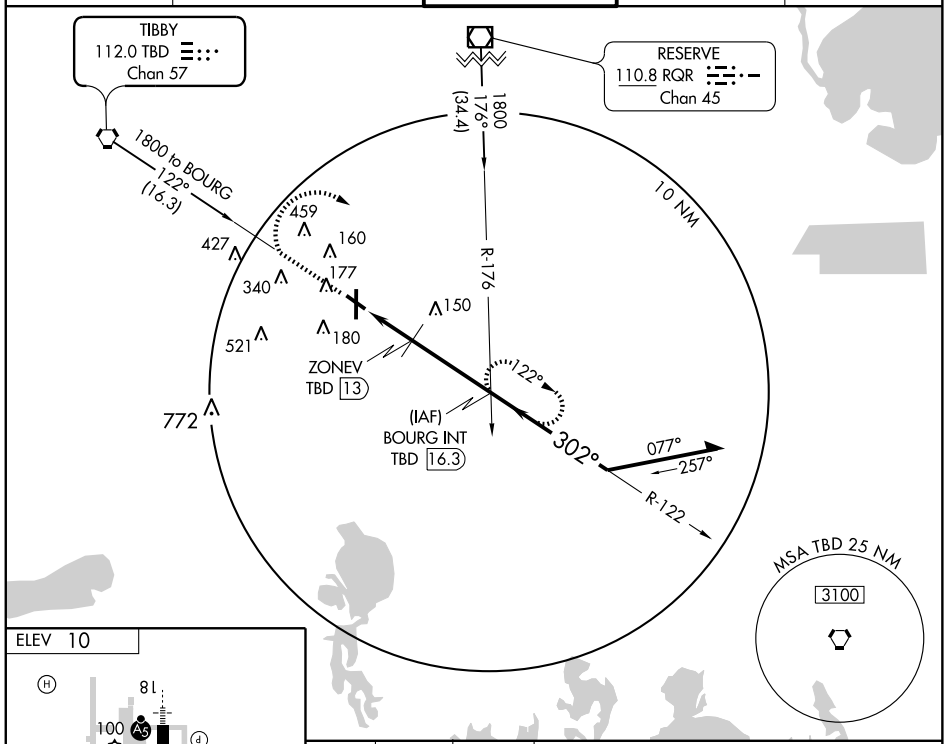
VOR/DME RWY 30

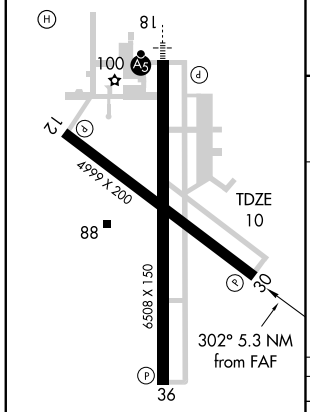
HOUMA-TERREBONNE (HUM)

T Visibility reduction by helicopters NA.
A When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDA 80 feet, increase S-30 Cat C/D and Circling Cat D visibility ¼ mile.

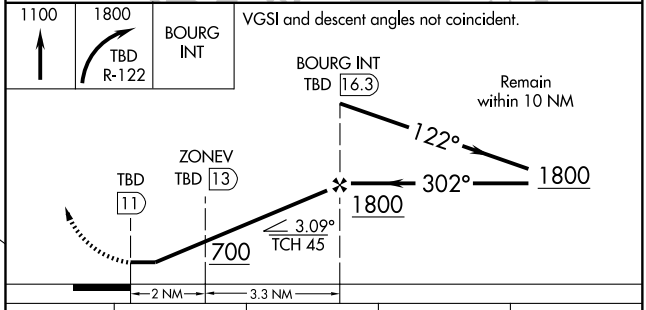
MISSED APPROACH: Climb to 1100 then climbing right turn to 1800 via TBD VORTAC R-122 to BOURG INT/TBD 16.3 DME and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER*	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95





REIL Rwys 12, 30, and 36 L
HIRL Rwys 12-30 and 18-36 L



CATEGORY	A	B	C	D
S-30	400-1 390 (400-1)			400-1¼ 390 (400-1¼)
CIRCLING	480-1 470 (500-1)		480-1½ 470 (500-1½)	620-2 610 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC TBD 112.0 Chan 57	APP CRS 121°	Rwy Idg 4999 TDZE 9 Apt Elev 10

VOR RWY 12

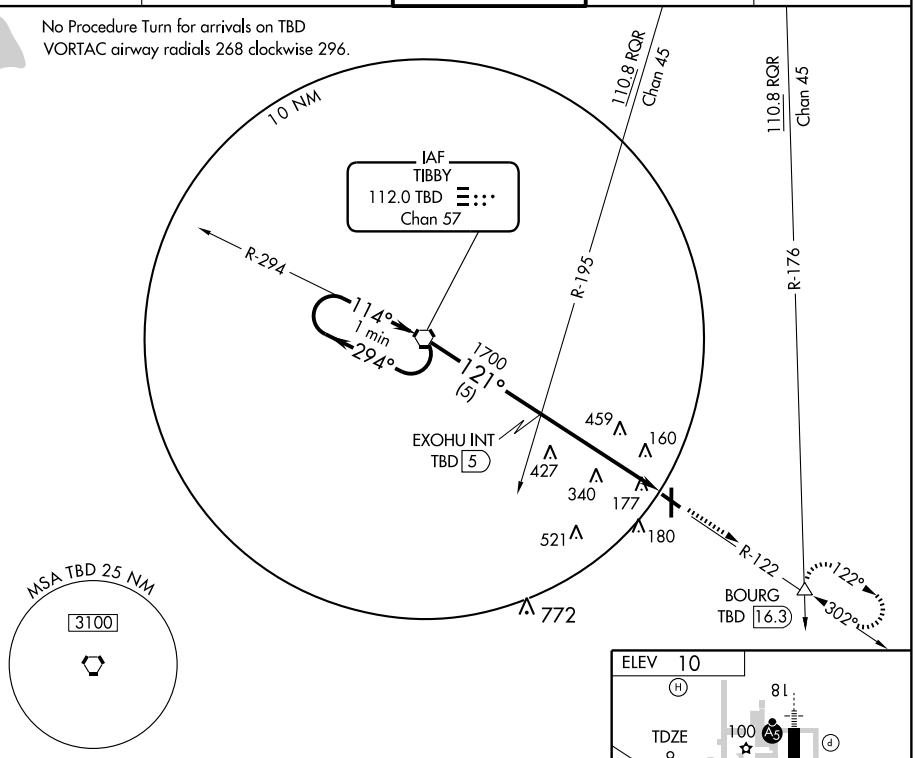
HOUMA-TERREBONNE (HUM)

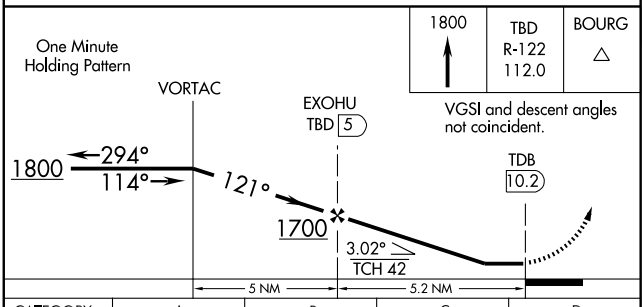
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDA 80 feet, increase S-12 Cat B/C/D and Circling Cat B/C/D visibility ¼ mile.

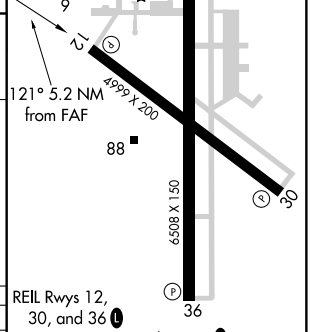
MISSED APPROACH: Climb to 1800 via TBD R-122 to BOURG Int/TBD 16.3 DME and hold.

ATIS	NEW ORLEANS APP CON	HOUMA TOWER★	GND CON	UNICOM
120.25	118.9 256.9	125.3 (CTAF) L 346.3	121.8	122.95

No Procedure Turn for arrivals on TBD
VORTAC airway radials 268 clockwise 296.







CATEGORY	A	B	C	D
S-12	720-1	711 (800-1)	720-2 711 (800-2)	720-2¼ 711 (800-2¼)
CIRCLING	720-1	710 (800-1)	720-2 710 (800-2)	720-2¼ 710 (800-2¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5002
077°	TDZE	17
	Apt Elev	23

RNAV (GPS) RWY 8

JENNINGS (3R7)

Use Lake Charles Rgnl altimeter setting.
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

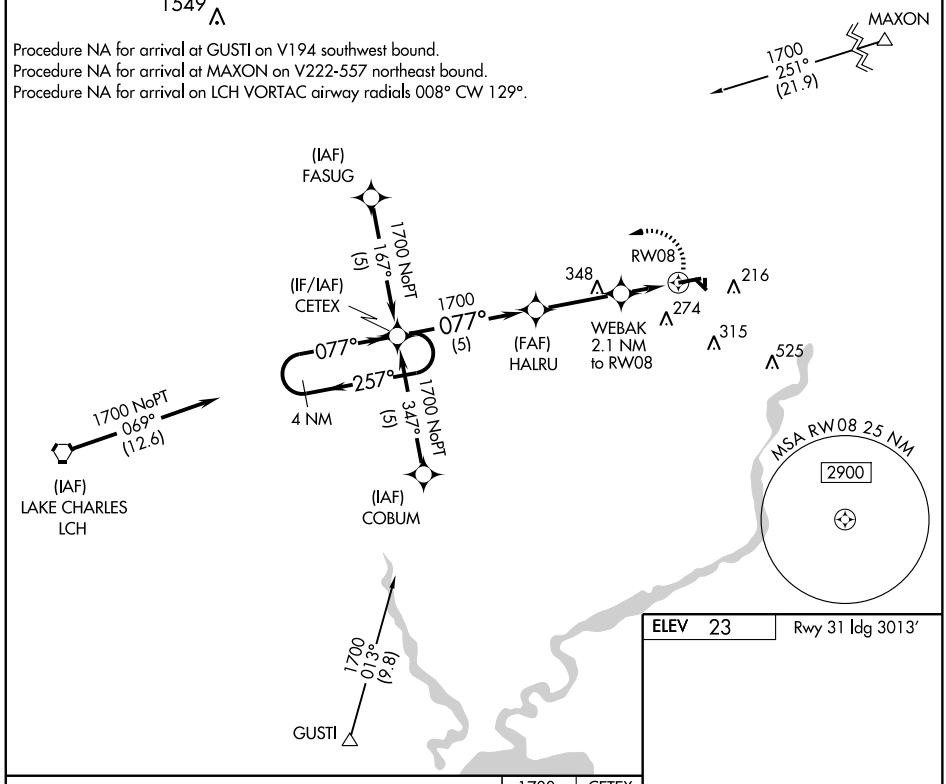
MISSED APPROACH: Climbing left turn to 1700 direct CETEX WP and hold.

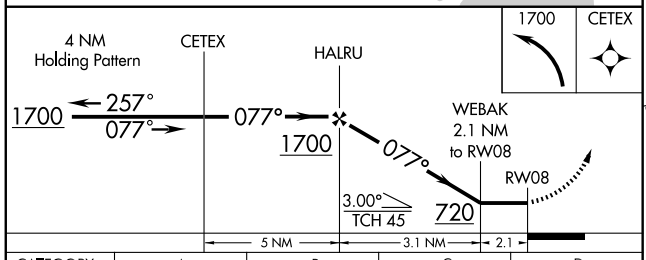
LAKE CHARLES APP CON ★
119.8 282.3

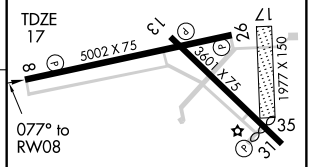
UNICOM
122.8 (CTAF) L

1549

Procedure NA for arrival at GUSTI on V194 southwest bound.
Procedure NA for arrival at MAXON on V222-557 northeast bound.
Procedure NA for arrival on LCH VORTAC airway radials 008° CW 129°.







ELEV 23 Rwy 31 ldg 3013′

CATEGORY	A	B	C	D
LNAV MDA	460-1	443 (500-1)	460-1¼ 443 (500-1¼)	NA
CIRCLING	640-1	617 (700-1)	660-1¾ 637 (700-1¾)	NA

REIL Rwys 8,26,13, and 31 L
MIRL Rwys 8-26 and 13-31 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LCH	APP CRS	Rwy Idg	5002
113.4	067°	TDZE	17
Chan 81		Apt Elev	23

VOR/DME RWY 8

JENNINGS (3R7)

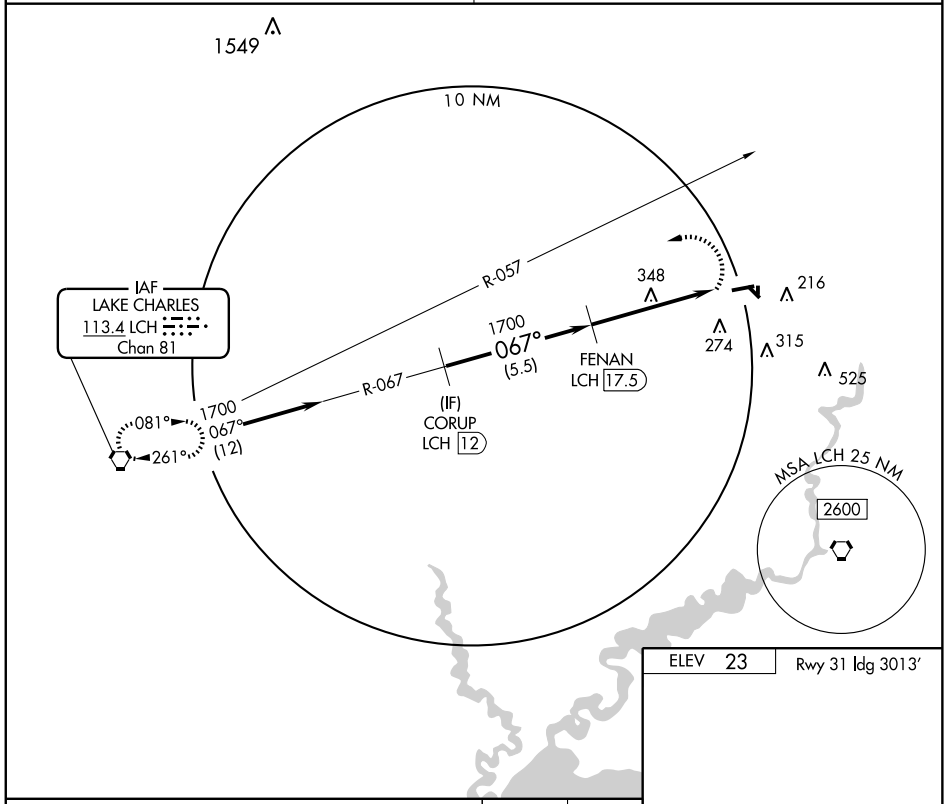
Use Lake Charles Rgnl altimeter setting.

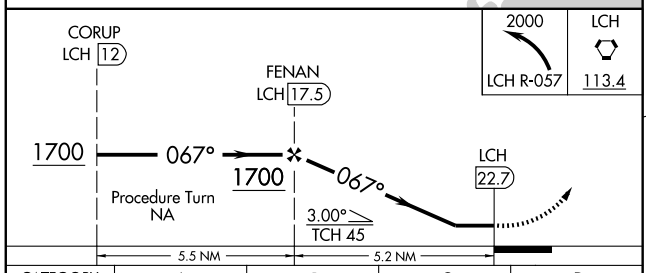
NA

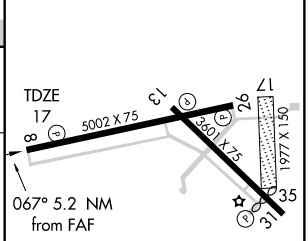
MISSED APPROACH: Climbing left turn to 2000 via LCH R-057 to LCH VORTAC and hold.

LAKE CHARLES APP CON * 119.8 282.3

UNICOM 122.8 (CTAF) L







CATEGORY	A	B	C	D
S-8	720-1 703 (700-1)	720-1¼ 703 (700-1¼)	720-2 703 (700-2)	NA
CIRCLING	720-1 697 (700-1)	720-1¼ 697 (700-1¼)	720-2 697 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3203
017°	TDZE	256
	Apt Elev	256

NDB or GPS RWY 35

JONESBORO (F88)

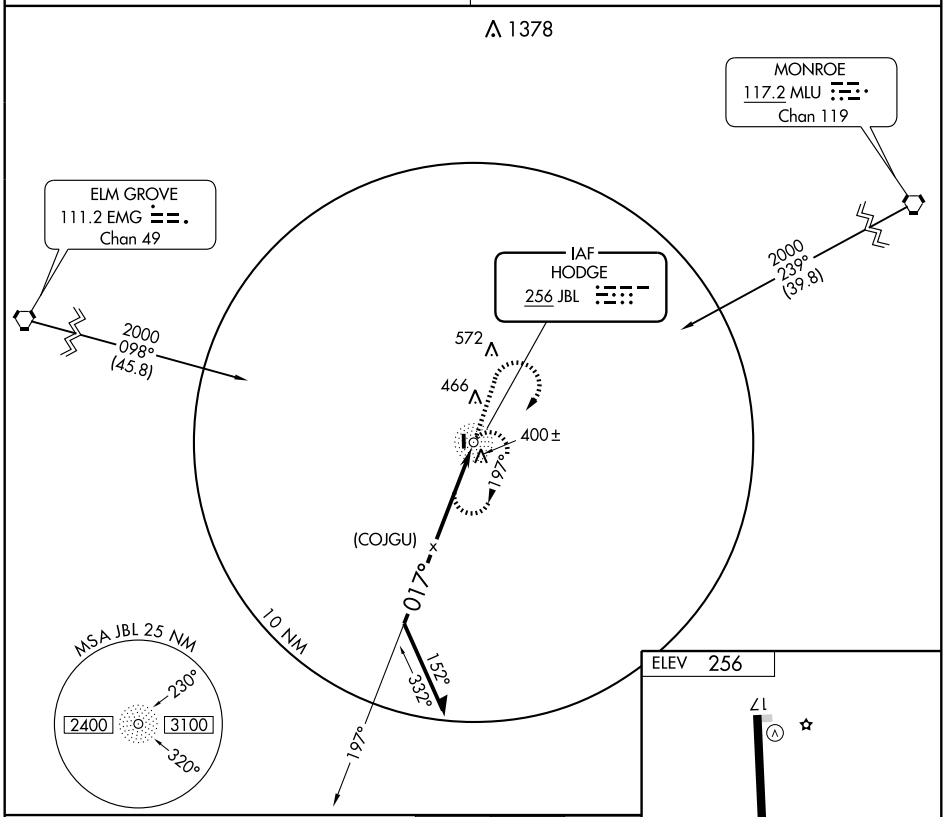
Use Monroe altimeter setting.

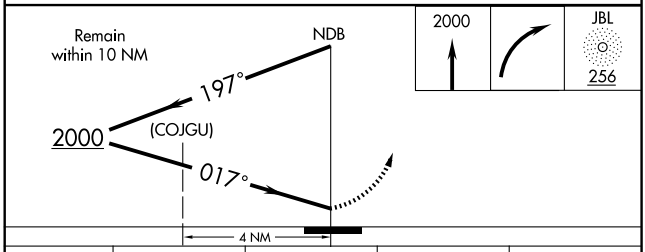
NA

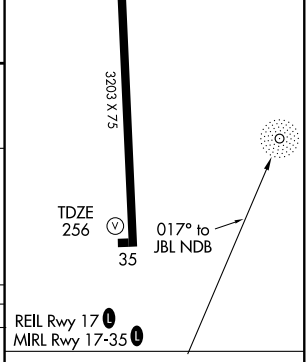
MISSED APPROACH: Climb to 2000 then right turn direct JBL NDB and hold.

MONROE APP CON ★ 126.9 307.9

(CTAF) 122.9 122.8 C







REIL Rwy 17 L
MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
S-35	940-1	684 (700-1)	940-2 684 (700-2)	NA
CIRCLING	960-1	704 (800-1)	960-2 704 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

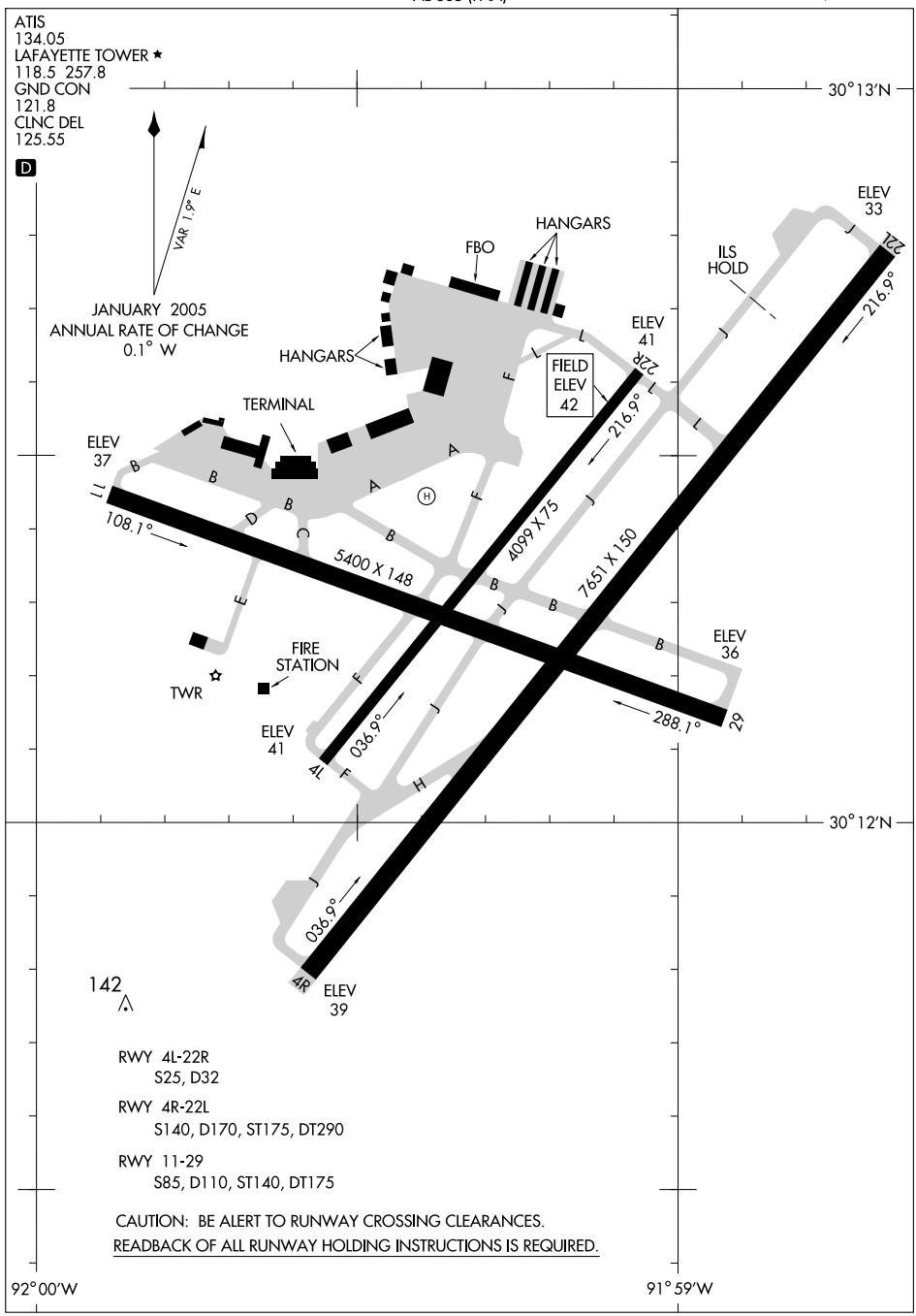
SC-4, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

AL-865 (FAA)

LAFAYETTE RGNL (LFT)
LAFAYETTE, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TYN 110.9 Chan 46	APP CRS 036°	Rwy Idg 7651 TDZE 40 Apt Elev 43

ILS or LOC/DME RWY 4R

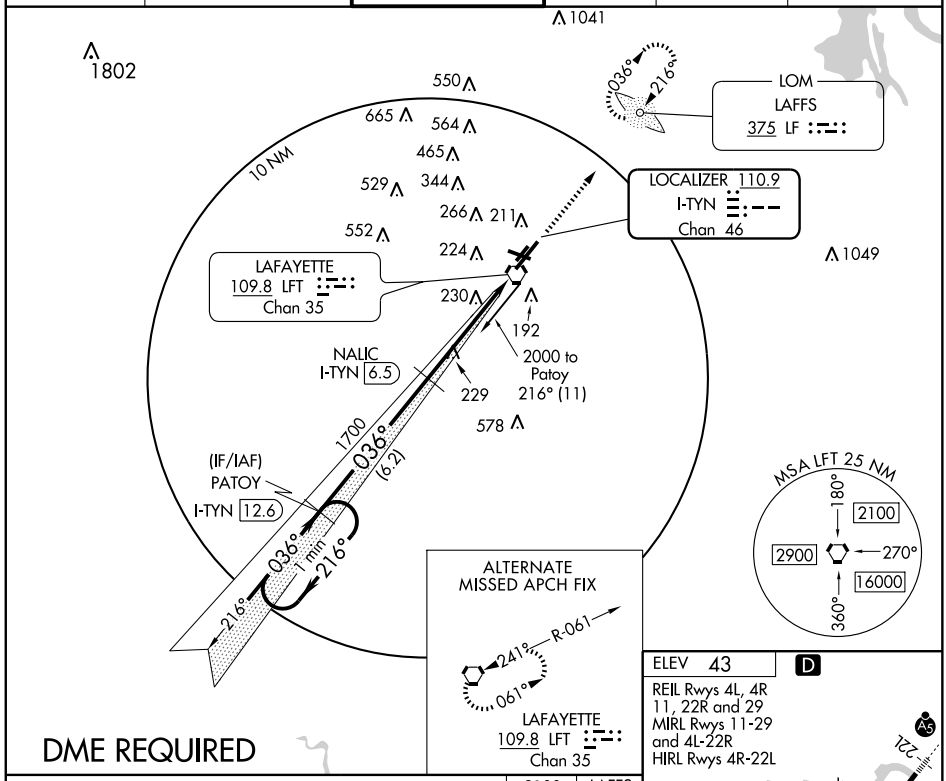
LAFAYETTE RGNL (LFT)

ADF required. If local altimeter setting not received, use Acadiana Rgnl altimeter setting and increase all DAs 29 feet and all MDAs 40 feet. VDP NA when using Acadiana Rgnl altimeter setting. Visibility reduction by helicopters NA.

ASR

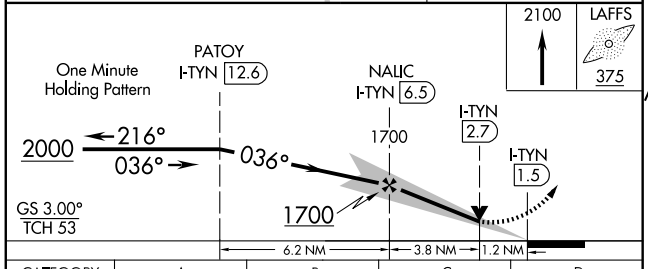
MISSED APPROACH: Climb to 2100 direct LAFFS LOM and hold.

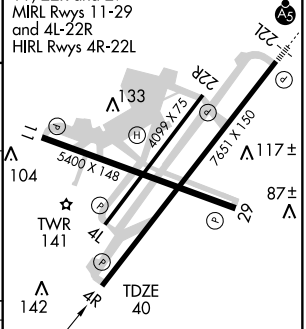
ATIS	LAFAYETTE APP CON ★	LAFAYETTE TOWER ★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) L 257.8	121.8	125.55	122.95



ELEV 43 D

REIL Rwys 4L, 4R
11, 22R and 29
MIRL Rwys 11-29
and 4L-22R
HIRL Rwys 4R-22L





CATEGORY	A	B	C	D
S-ILS 4R	240-¾ 200 (200-¾)			
S-LOC 4R	480-1 440 (500-1)		480-1¼ 440 (500-1¼)	480-1½ 440 (500-1½)
CIRCLING	540-1 497 (500-1)	580-1 537 (600-1)	580-1½ 537 (600-1½)	660-2 618 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-LFT	APP CRS	Rwy Idg	7651
109.5	216°	TDZE	38
Chan 32		Apt Elev	42

ILS or LOC RWY 22L
LAFAYETTE RGNL (LFT)

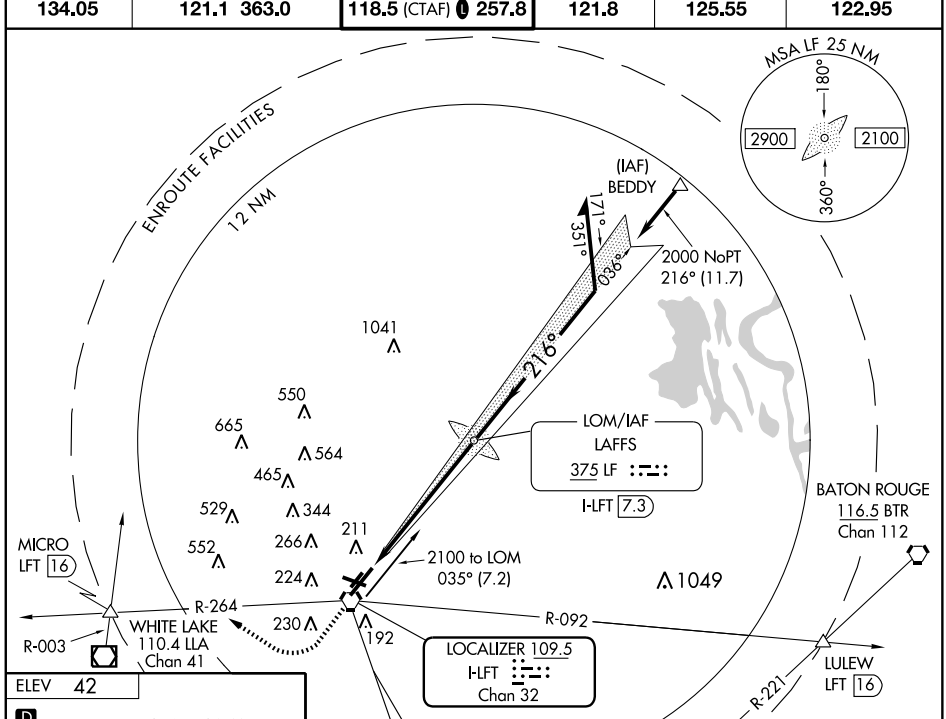
T A ASR

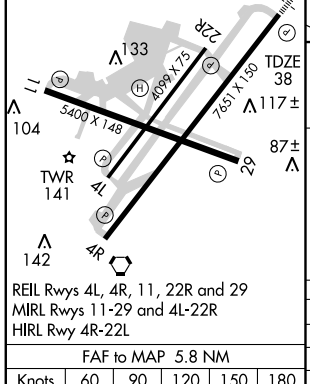
*RVR 1800 authorized with the use of FD or AP or HUD to DA.

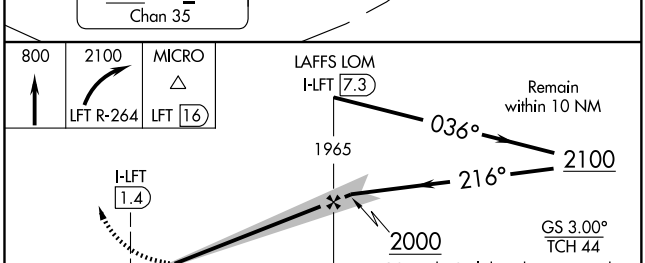
MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 2100 via LFT R-264 to MICRO Int.

ATIS	LAFAYETTE APP CON ★	LAFAYETTE TOWER ★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) 257.8	121.8	125.55	122.95







FAF to MAP 5.8 NM					
Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

CATEGORY	A	B	C	D
S-ILS 22L	* 238/24		200 (200-½)	
S-LOC 22L	460/24	422 (500-½)	460/40	422 (500-¾)
CIRCLING	540-1 498 (500-1)	580-1 538 (600-1)	580-1½ 538 (600-1½)	660-2 618 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 45903 W04A	APP CRS 036°	Rwy Idg 7651 TDZE 40 Apt Elev 43

RNAV (GPS) RWY 4R

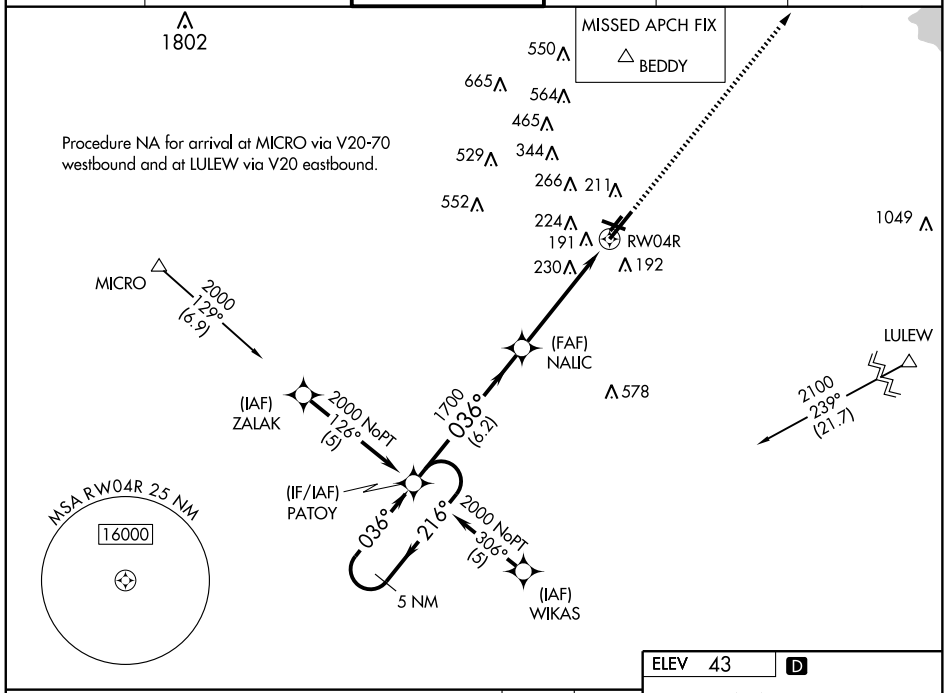
LAFAYETTE RGNL (LFT)

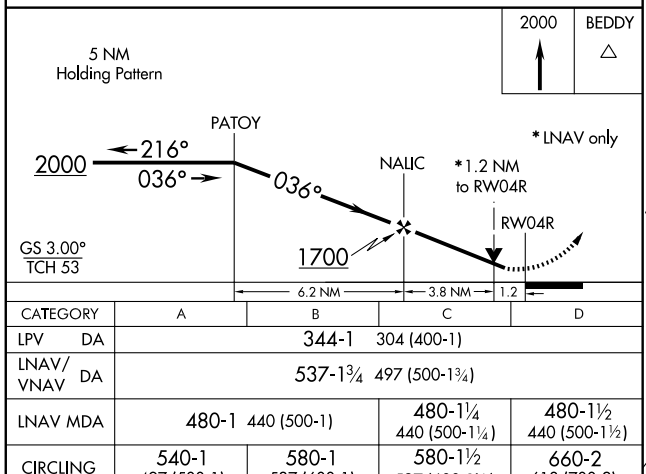
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Acadiana Rgnl altimeter setting and increase all DAs 29 feet and all MDAs 40 feet. VDP and BARO-VNAV NA when using Acadiana Rgnl altimeter setting. Visibility reduction by helicopters NA.

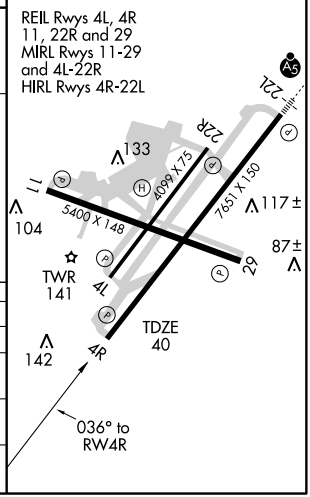
ASR

MISSED APPROACH: Climb to 2000 direct BEDDY.

ATIS	LAFAYETTE APP CON ★	LAFAYETTE TOWER ★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) 257.8	121.8	125.55	122.95







CATEGORY	A	B	C	D
LPV DA	344-1 304 (400-1)			
LNAV/VNAV DA	537-1¾ 497 (500-1¾)			
LNAV MDA	480-1 440 (500-1)		480-1¼ 440 (500-1¼)	480-1½ 440 (500-1½)
CIRCLING	540-1 497 (500-1)	580-1 537 (600-1)	580-1½ 537 (600-1½)	660-2 618 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50503 W22A	APP CRS 216°	Rwy Idg 7651 TDZE 38 Apt Elev 43

RNAV (GPS) RWY 22L

LAFAYETTE RGNL (LFT)

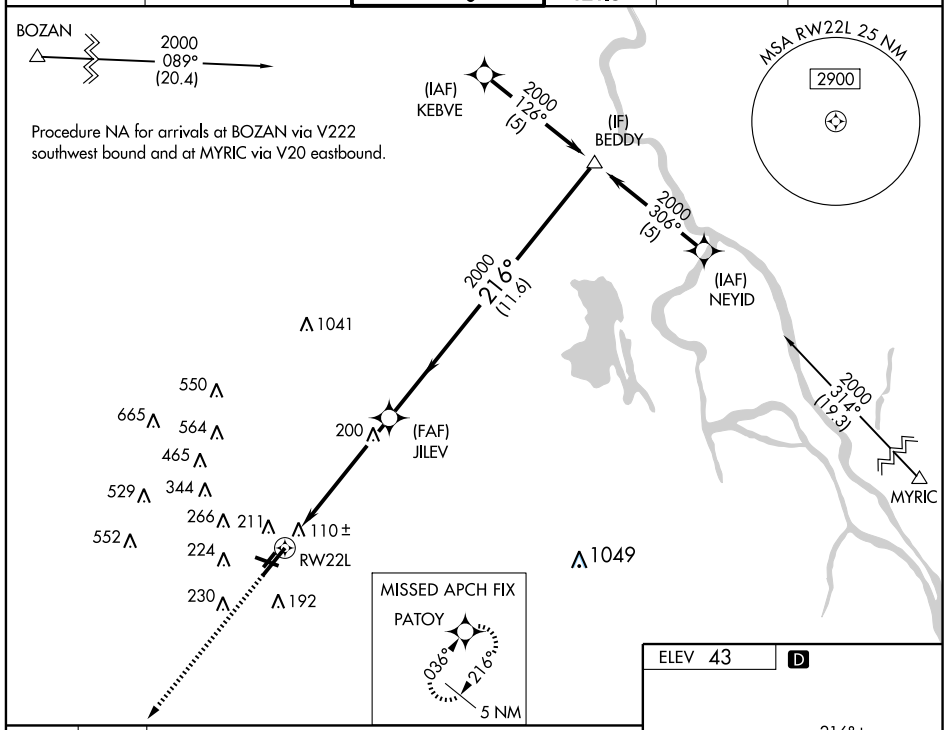
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-15°C (5°F) or above 49°C (120°F). If local altimeter setting not received, use Acadiana Rgnl altimeter setting and increase all DAs 29 feet and all MDAs 40 feet. VDP and Baro-VNAV NA when using Acadiana Rgnl altimeter setting. For inoperative MALSR, increase LNAV Cat A and B visibility to RVR 5000. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

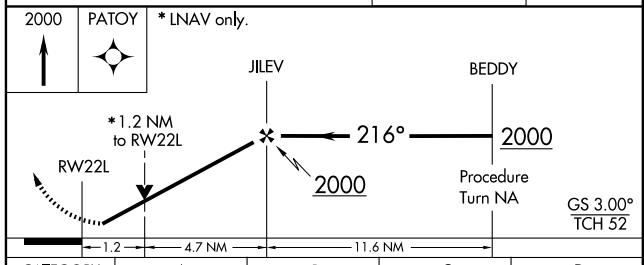
ASR

MALSR

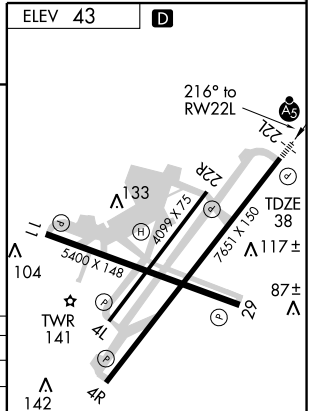
MISSED APPROACH: Climb to 2000 direct PATOY and hold.

ATIS	LAFAYETTE APP CON ★	LAFAYETTE TOWER ★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) 257.8	121.8	125.55	122.95





CATEGORY	A	B	C	D
LPV DA	313/40 275 (300-¾)			
LNAV/VNAV DA	511/60 473 (500-1¼)			
LNAV MDA	480/40 442 (500-¾)			480/50 442 (500-1)
CIRCLING	540-1 497 (500-1)	580-1 537 (600-1)	580-1½ 537 (600-1½)	660-2 618 (700-2)



REIL Rwys 4L, 4R,11, 22R and 29
MIRL Rwys 11-29 and 4L-22R
HIRL Rwy 4R-22L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5400
CH 45703	287°	TDZE	42
W29A		Apt Elev	43

RNAV (GPS) RWY 29

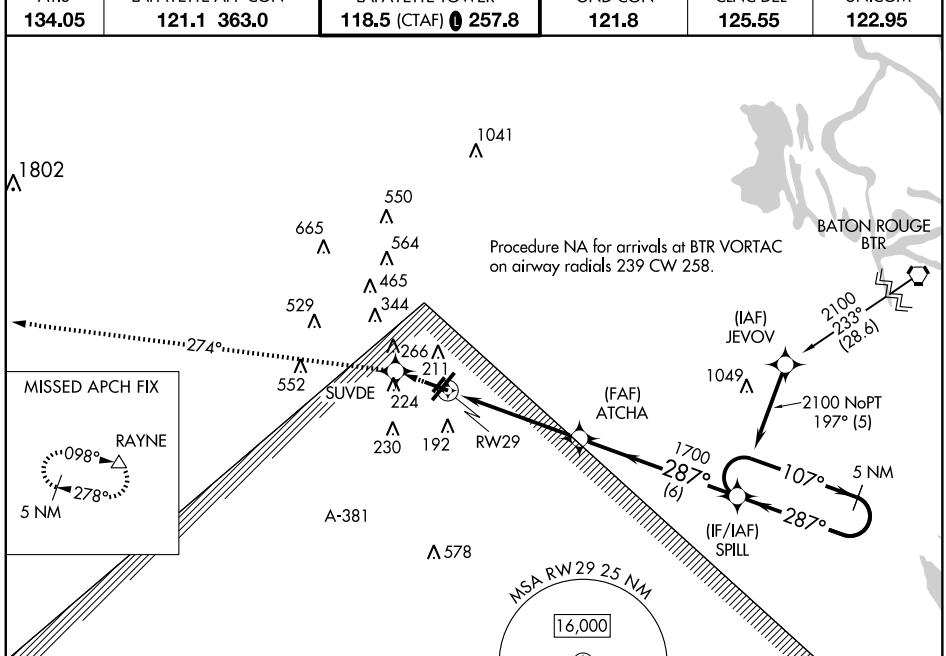
LAFAYETTE RGNL (LFT)

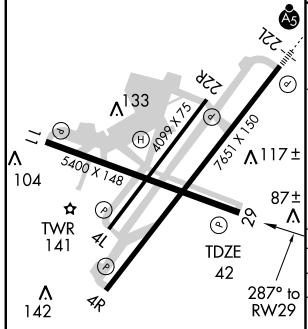
Baro-VNAV NA when using Acadiana Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Acadiana Rgnl altimeter setting and increase all DAs 29 feet/MDAs 40 feet.

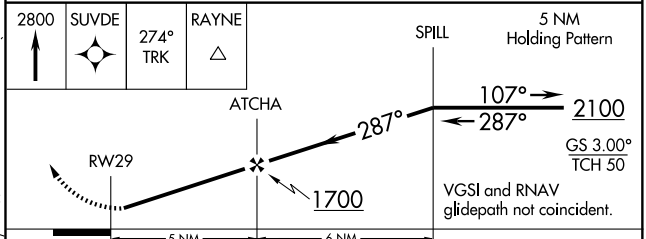
ASR

MISSED APPROACH: Climb to 2800 direct SUVDE and via 274° track to RAYNE and hold.

ATIS	LAFAYETTE APP CON ★	LAFAYETTE TOWER ★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) L 257.8	121.8	125.55	122.95







CATEGORY	A	B	C	D
LPV DA	294-1 252 (300-1)			
LNAV/VNAV DA	462-1½ 420 (500-1½)			
LNAV MDA	400-1 358 (400-1)			400-1¼ 358 (400-1¼)
CIRCLING	540-1 497 (500-1)	580-1 537 (600-1)	580-1½ 537 (600-1½)	660-2 617 (700-2)

REIL Rwys 4L, 4R,11, 22R and 29
MIRL Rwys 11-29 and 4L-22R
HIRL Rwy 4R-22L

SC-4, 17 DEC 2009 to 14 JAN 2010

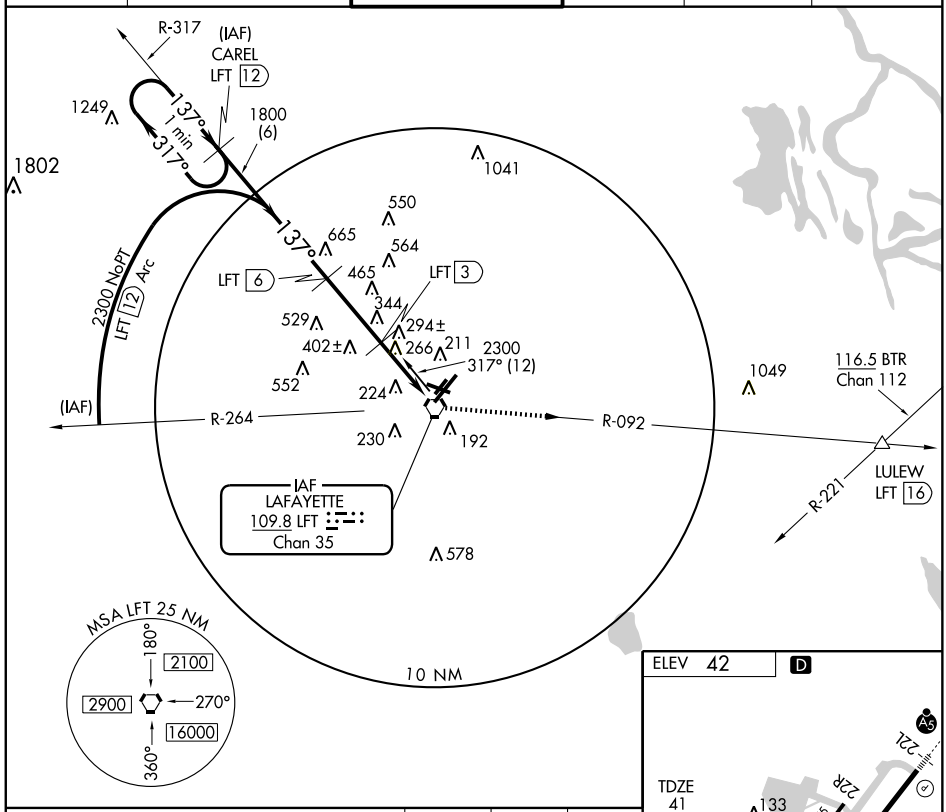
VORTAC LFT 109.8 Chan 35	APP CRS 137°	Rwy Idg 5400 TDZE 41 Apt Elev 42

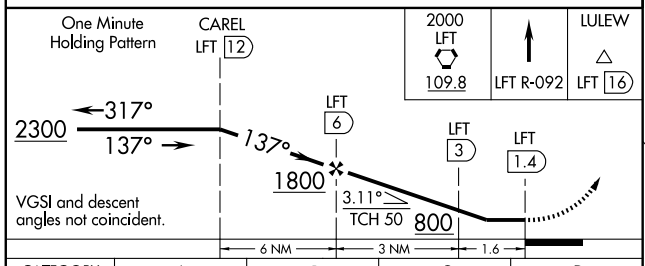
VOR/DME RWY 11
LAFAYETTE RGNL (LFT)

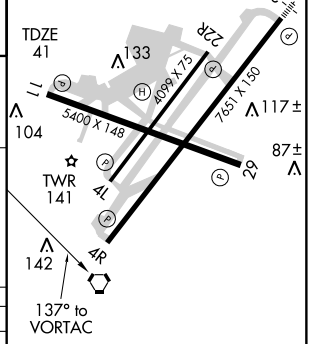
ASR

MISSED APPROACH: Climb to 2000 via LFT VORTAC and LFT R-092 to LULEW Int/LFT 16 DME.

ATIS	LAFAYETTE APP CON★	LAFAYETTE TOWER★	GND CON	CLNC DEL	UNICOM
134.05	121.1 363.0	118.5 (CTAF) 257.8	121.8	125.55	122.95







REIL Rwys 4L, 4R, 11, 22R and 29
MIRL Rwys 11-29, and 4L-22R
HIRL Rwys 4R-22L

CATEGORY	A	B	C	D
S-11	660-1	619 (700-1)	660-1¾ 619 (700-1¾)	660-2 619 (700-2)
CIRCLING	660-1	618 (700-1)	660-1¾ 618 (700-1¾)	660-2 618 (700-2)

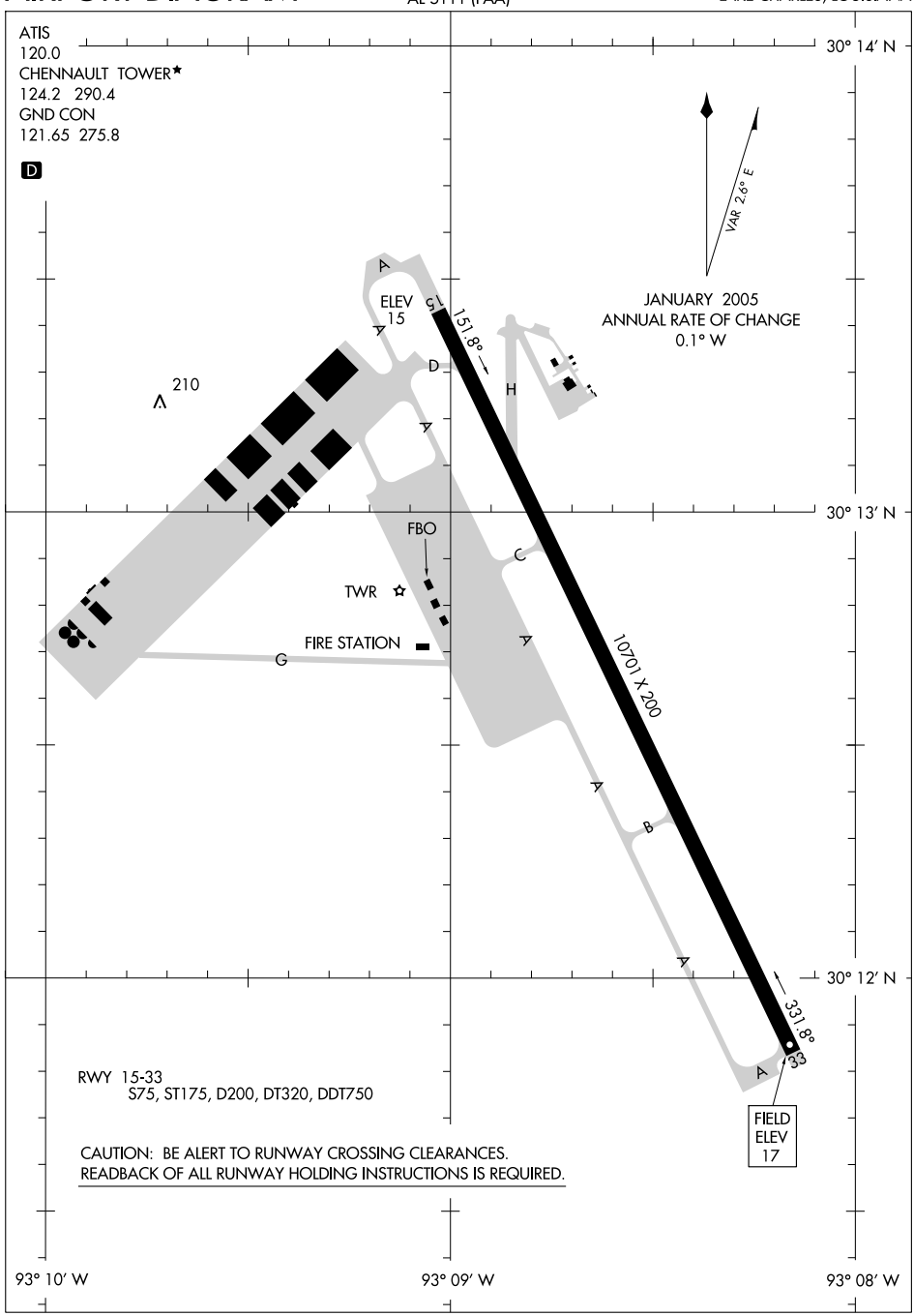
SC-4, 17 DEC 2009 to 14 JAN 2010

09239

AIRPORT DIAGRAM

AL-5111 (FAA)

LAKE CHARLES/CHENNAULT INTL (CWF)
LAKE CHARLES, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-CWF	APP CRS	Rwy Idg	10701
110.7	150°	TDZE	16
		Apt Elev	17

ILS or LOC RWY 15

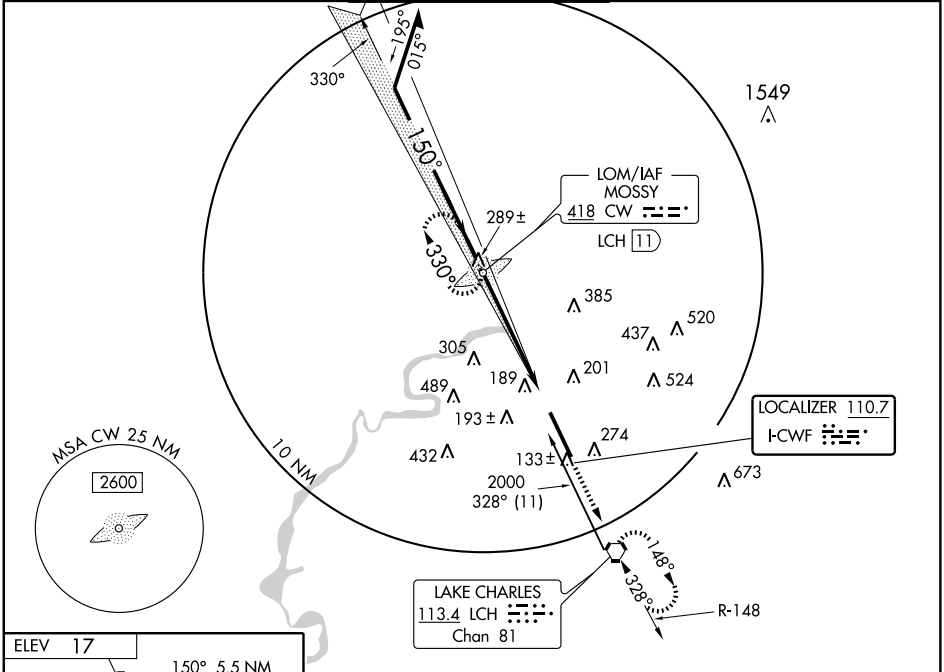
LAKE CHARLES/CHENNAULT INTL (CWF)

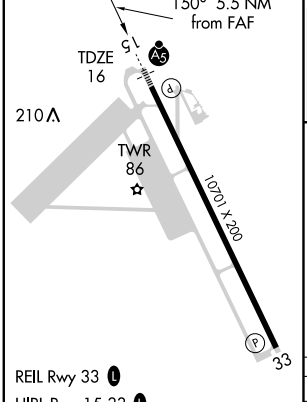
ASR: For inoperative MALSR, increase S-ILS 15 Cat E visibility to ¾ and S-LOC 15 Cat E visibility to 1¼. If local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase DA to 232 feet; increase all MDAs 20 feet and visibility Cats C and E ¼ mile.

MALSR

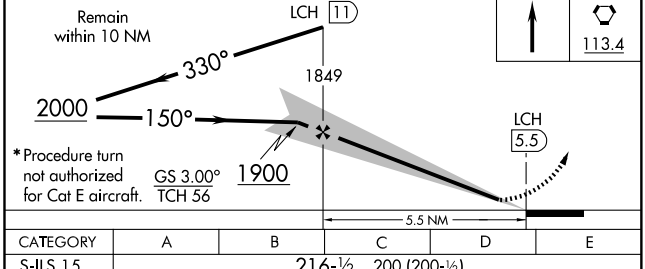
MISSED APPROACH: Climb to 2000 direct LCH VORTAC and hold.

ATIS	LAKE CHARLES APP CON★	CHENNAULT TOWER★	GND CON	UNICOM
120.0	119.8 282.3	124.2 (CTAF) L 290.4	121.65 275.8	122.95





RADAR REQUIRED FOR CAT E AIRCRAFT



FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

CATEGORY	A	B	C	D	E
S-ILS 15	216-½ 200 (200-½)				
S-LOC 15	400-½ 384 (400-½)			400-¾ 384 (400-¾)	
CIRCLING	580-1 563 (600-1)		580-1½ 563 (600-1½)	580-2 563 (600-2)	880-3 863 (900-3)

SC-4, 17 DEC 2009 to 14 JAN 2010

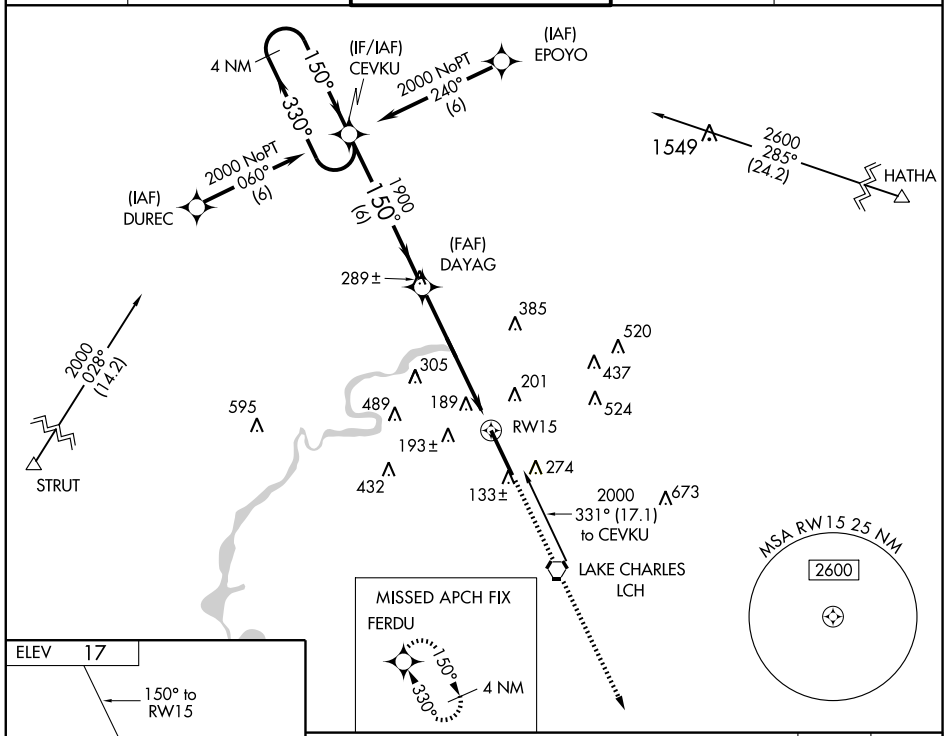
WAAS	APP CRS	Rwy Idg	10701
CH 45502	150°	TDZE	16
W-15A		Apt Elev	17

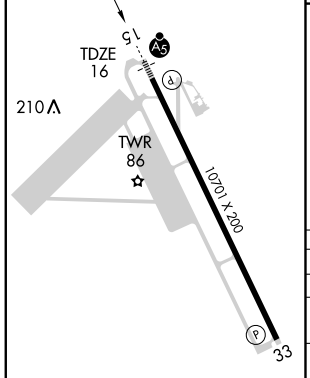
RNAV (GPS) RWY 15

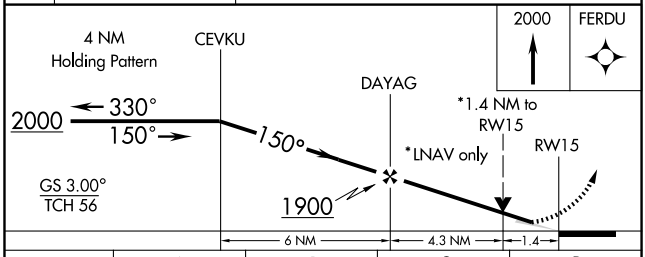
LAKE CHARLES/CHENNAULT INTL (CWF)

ASR	MALSR	MISSED APPROACH: Climb to 2000 direct FERDU and hold.
BARO-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. BARO-VNAV and VDP NA when using Lake Charles Rgnl altimeter setting. If local altimeter not received, use Lake Charles Rgnl altimeter setting and increase all DA/MDAs 20 feet.	A5	

ATIS	LAKE CHARLES APP CON★	CHENNAULT TOWER★	GND CON	UNICOM
120.0	119.8 282.3	124.2 (CTAF) L 290.4	121.65 275.8	122.95







CATEGORY	A	B	C	D
LPV DA	290-½ 274 (300-½)			
LNAV/VNAV DA	540-1¼ 524 (600-1¼)			
LNAV MDA	500-½ 484 (500-½)		500-¾ 484 (500-¾)	500-1 484 (500-1)
CIRCLING	580-1¾ 563 (600-1¾)			580-2 563 (600-2)

APP CRS	Rwy Idg	10701
330°	TDZE	17
	Apt Elev	17

RNAV (GPS) RWY 33

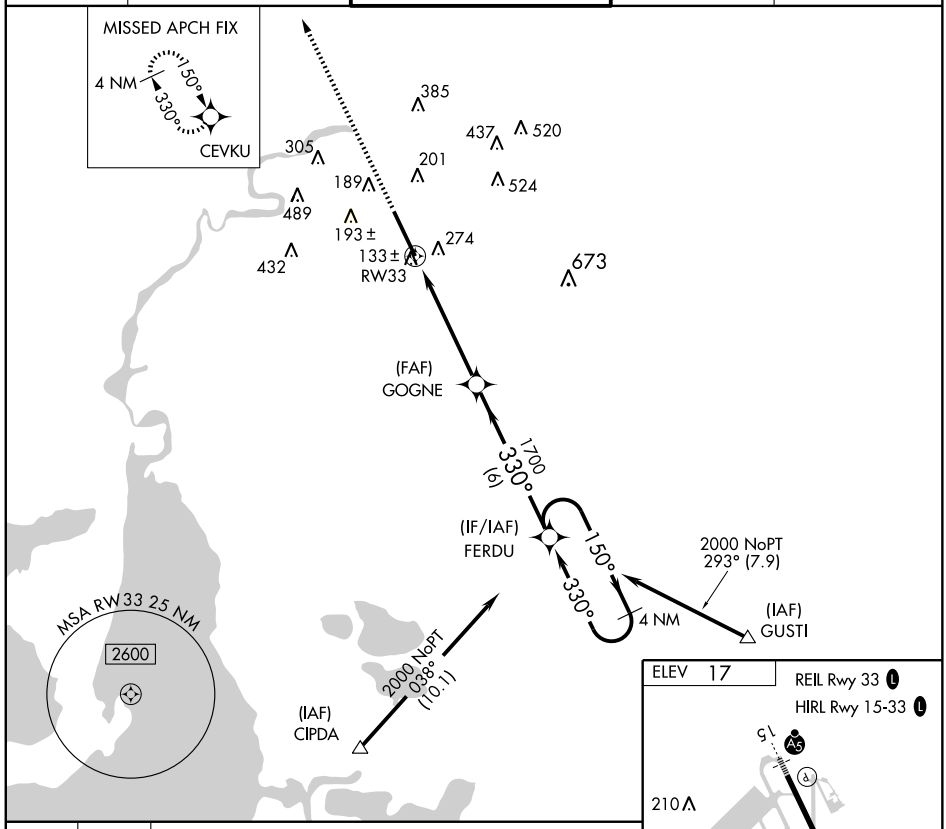
LAKE CHARLES/CHENNAULT INTL (CWF)

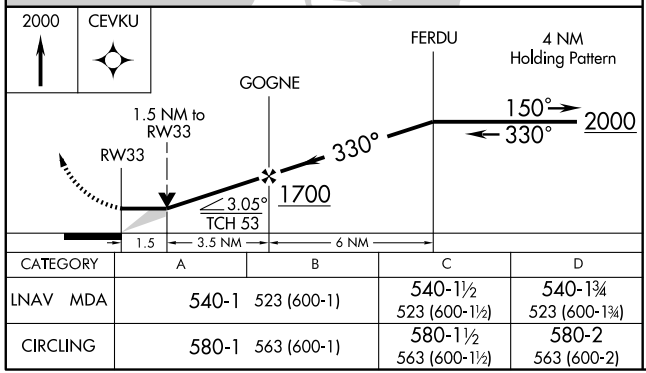
ASR

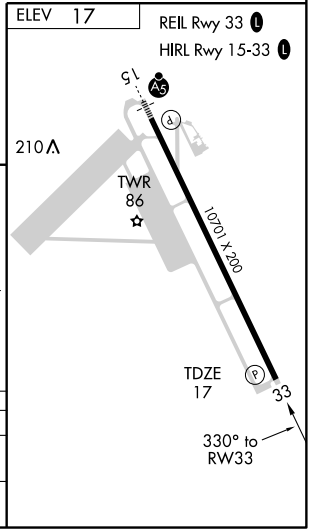
DME/DME RNP-0.3 NA. If local altimeter not received, use Lake Charles Rgnl altimeter setting and increase MDAs 20 feet. VDP NA with Lake Charles Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct CEVKU and hold.

ATIS	LAKE CHARLES APP CON★	CHENNAULT TOWER★	GND CON	UNICOM
120.0	119.8 282.3	124.2 (CTAF) Ⓛ 290.4	121.65 275.8	122.95







CATEGORY	A	B	C	D
LNAV MDA	540-1 523 (600-1)		540-1½ 523 (600-1½)	540-1¾ 523 (600-1¾)
CIRCLING	580-1 563 (600-1)		580-1½ 563 (600-1½)	580-2 563 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LCH	APP CRS	Rwy Idg	10701
113.4	328°	TDZE	17
Chan 81		Apt Elev	17

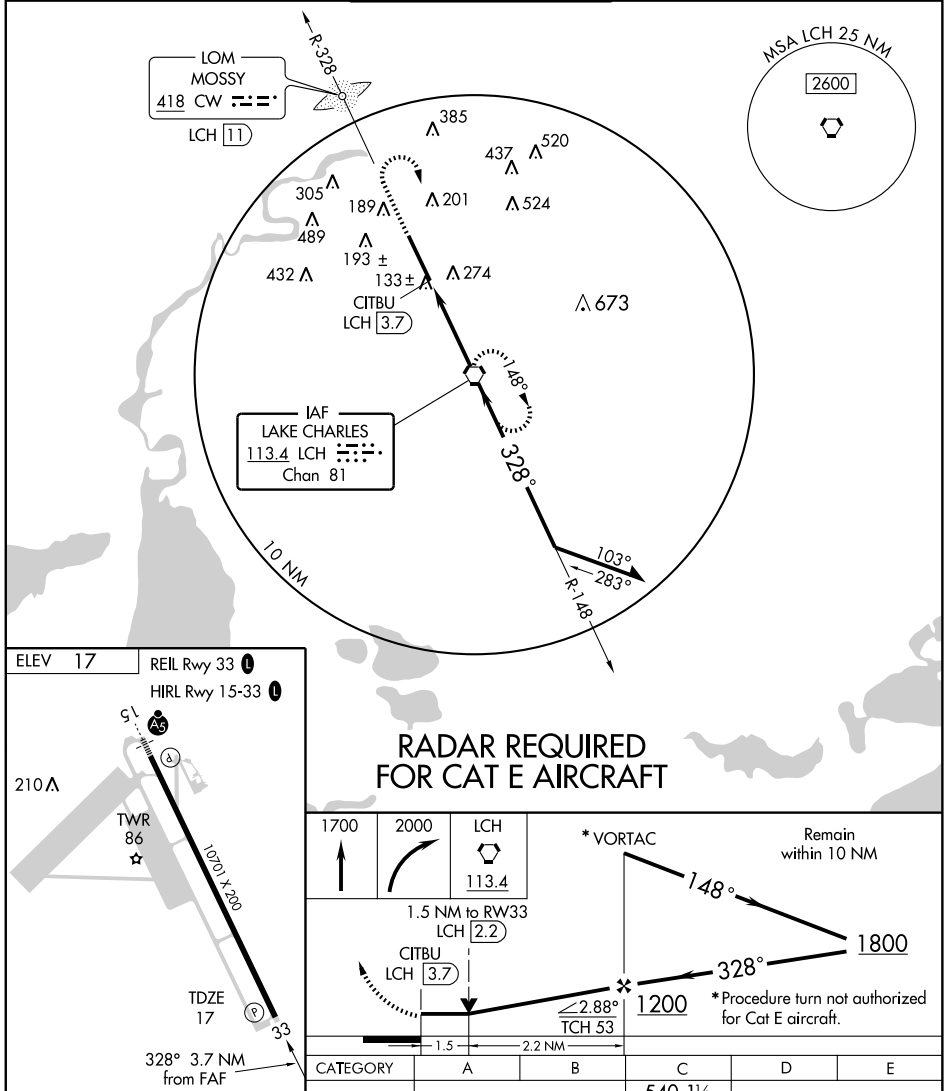
VOR RWY 33

LAKE CHARLES/CHENNAULT INTL (CWF)

ASR — VDP NA when using Lake Charles altimeter setting. If local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 1700 then climbing right turn to 2000 direct LCH VORTAC and hold.

ATIS	LAKE CHARLES APP CON★	CHENNAULT TOWER★	GND CON	UNICOM
120.0	119.8 282.3	124.2 (CTAF) L 290.4	121.65 275.8	122.95



RADAR REQUIRED FOR CAT E AIRCRAFT

FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

CATEGORY	A	B	C	D	E
S-33	540-1	523 (600-1)	540-1½ 523 (600-1½)	540-1¾	523 (600-1¾)
CIRCLING	580-1	563 (600-1)	580-1½ 563 (600-1½)	580-2 563 (600-2)	880-3 863 (700-3)

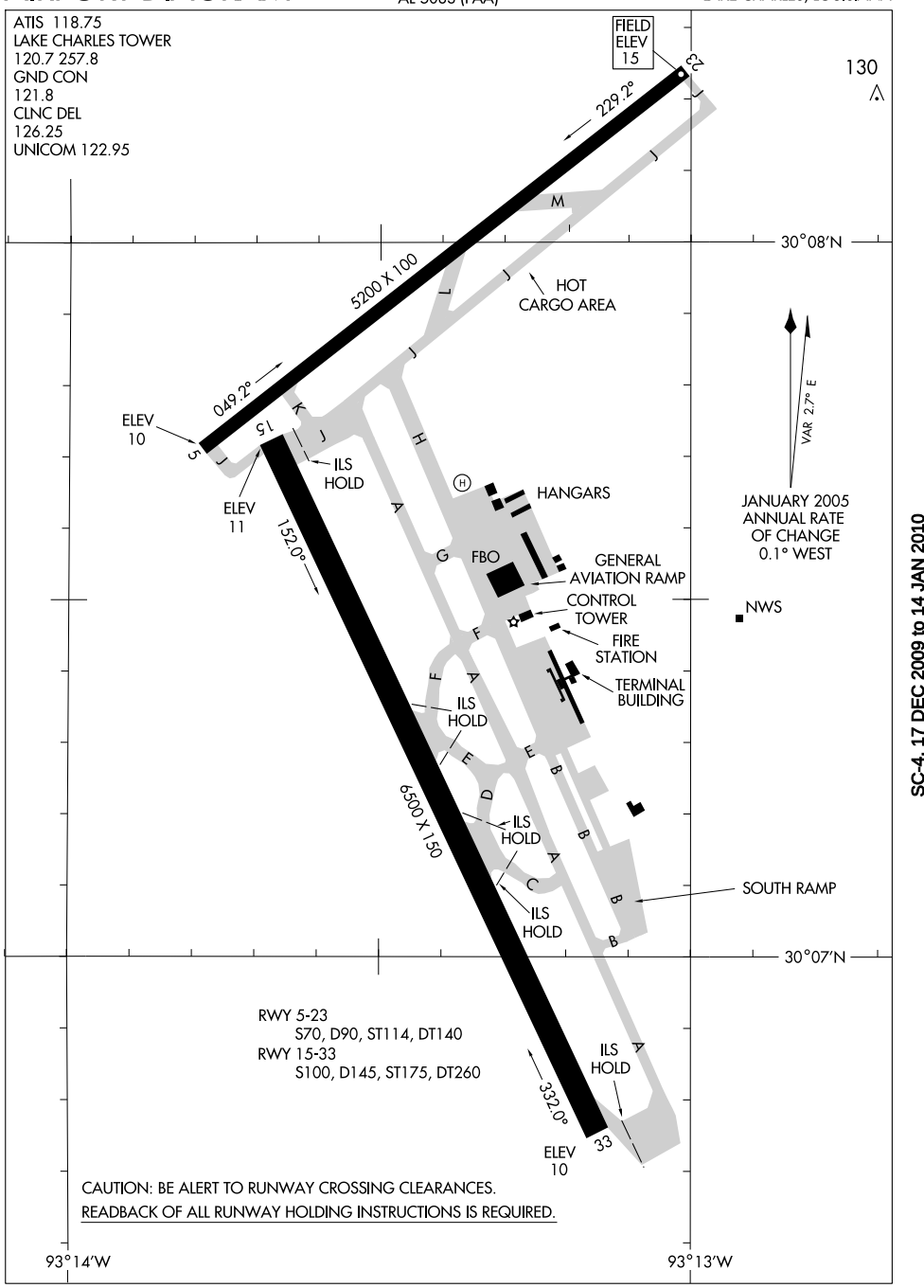
SC-4, 17 DEC 2009 to 14 JAN 2010

08157

AIRPORT DIAGRAM

AL-5083 (FAA)

LAKE CHARLES RGNL (LCH)
LAKE CHARLES, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LCH	APP CRS	Rwy Idg	6500
109.1	152°	TDZE	12
Chan 28		Apt Elev	15

ILS or LOC RWY 15

LAKE CHARLES RGNL (LCH)

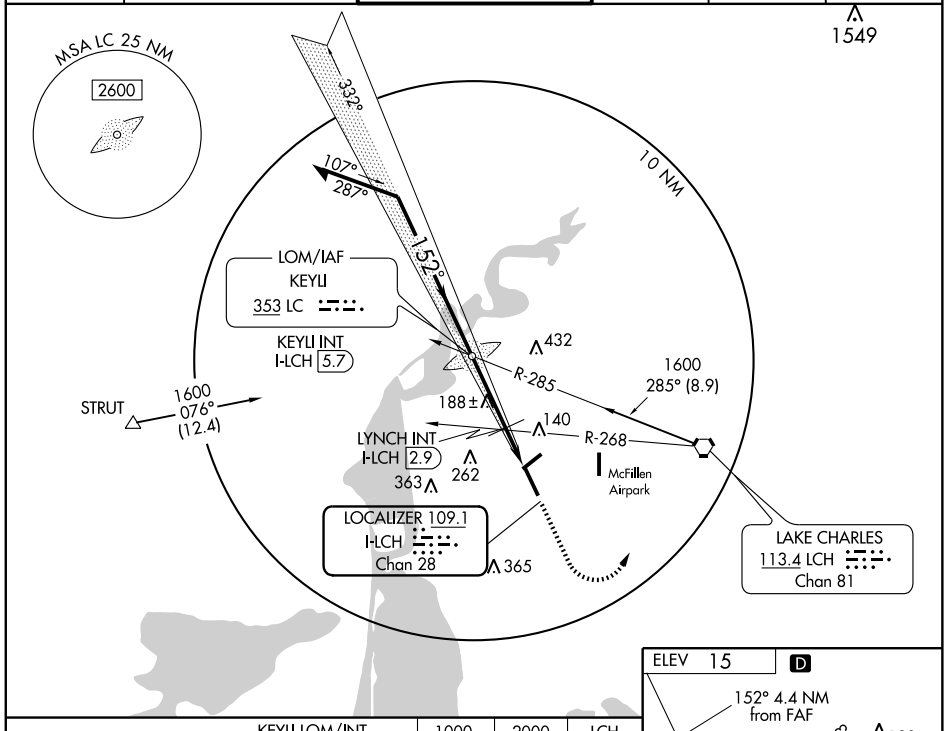
ASR

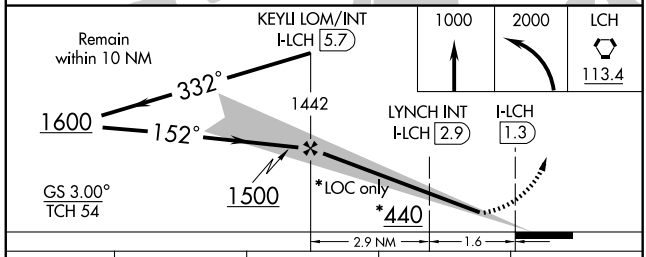
** RVR 1800 authorized with the use of FD or AP or HUD to DA.

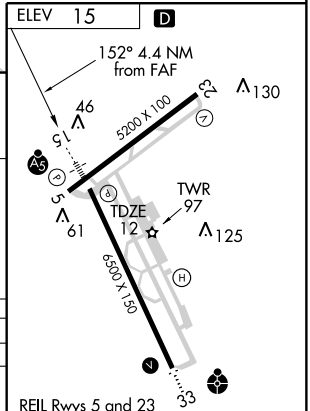
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct LCH VORTAC.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95







CATEGORY	A	B	C	D
S-ILS 15	**212/24 200 (200-½)			
S-LOC 15	440/24 428 (500-½)		440/40 428 (500-¾)	440/50 428 (500-1)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)
LYNCH FIX MINIMUMS				
S-LOC 15	380/24 368 (400-½)			380/40 368 (400-¾)

REIL Rwys 5 and 23
MIRL Rwy 5-23
HIRL Rwy 15-33 L

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-LCH	APP CRS	Rwy Idg	6500
109.1	332°	TDZE	12
Chan 28		Apt Elev	15

LOC BC RWY 33

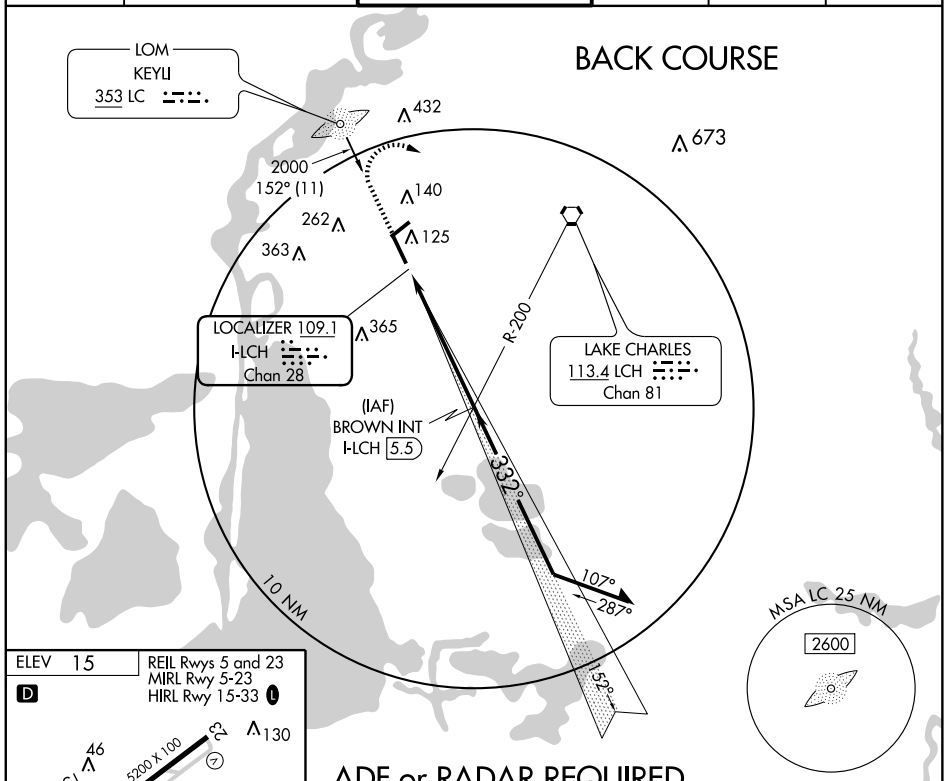
LAKE CHARLES RGNL (LCH)

ASR

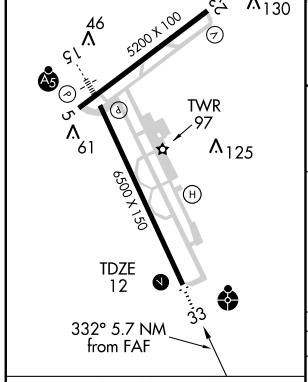
ODALS

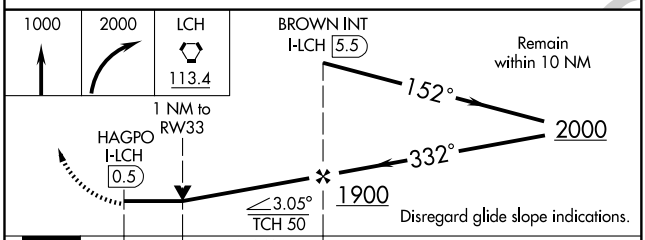
MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct LCH VORTAC.

ATIS	LAKE CHARLES APP CON*	LAKE CHARLES TOWER*	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95



ADF or RADAR REQUIRED





FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
S-33	380-¾ 368 (400-¾)			380-1¼ 368 (400-1¼)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

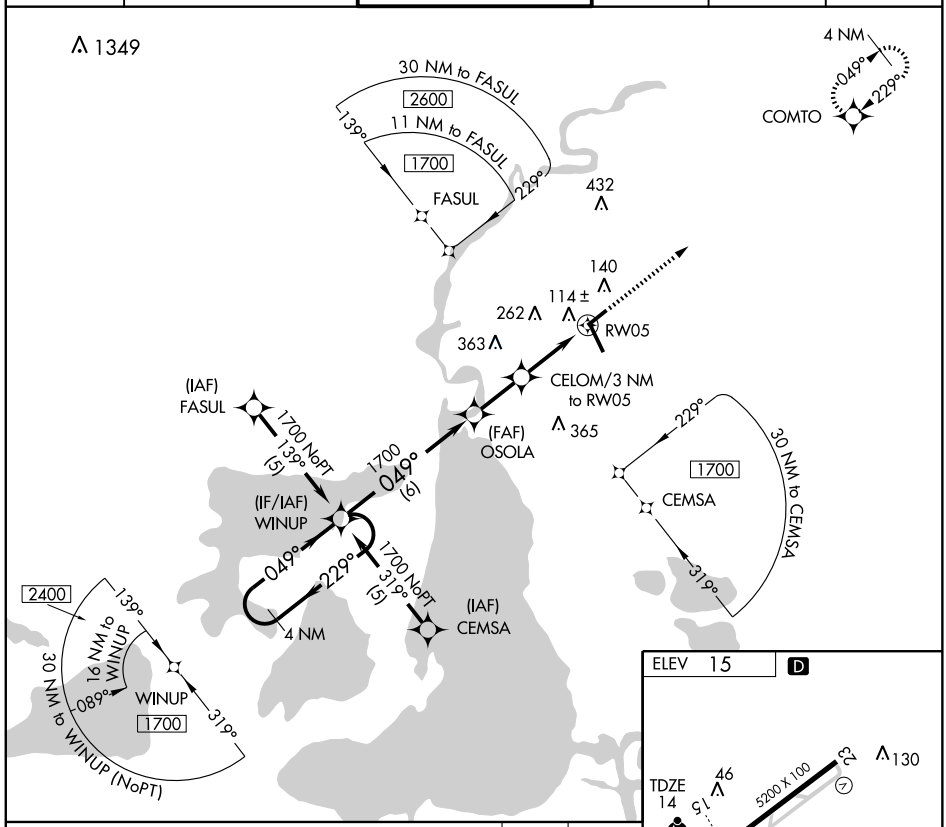
SC-4, 17 DEC 2009 to 14 JAN 2010

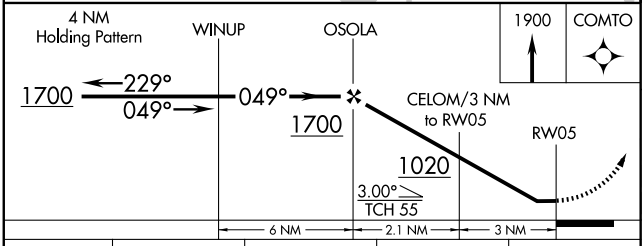
APP CRS	Rwy Idg	5200
049°	TDZE	14
	Apt Elev	15

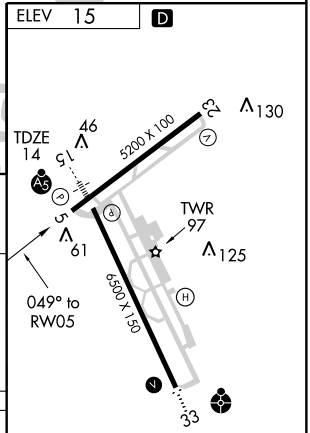
RNAV (GPS) RWY 5
LAKE CHARLES RGNL (LCH)

NA ASR	GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA	MISSED APPROACH: Climb to 1900 direct COMTO WP and hold.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95







CATEGORY	A	B	C	D
LNAV MDA	380-1 366 (400-1)			380-1¼ 366 (400-1¼)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

REIL Rwys 5 and 23
MIRL Rwy 5-23
HIRL Rwy 15-33 L

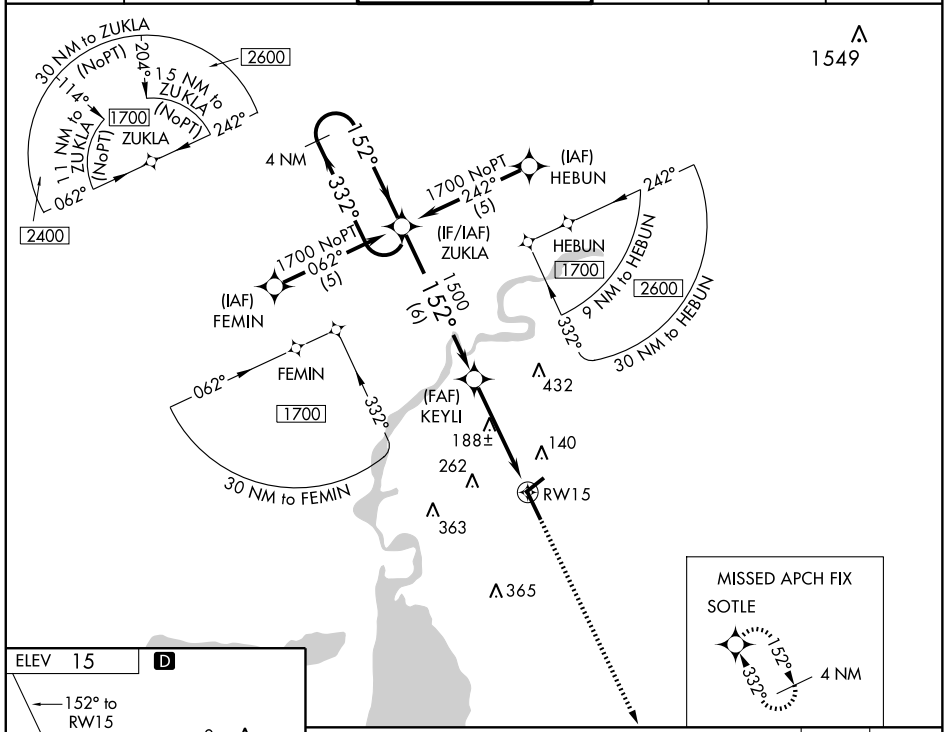
SC-4, 17 DEC 2009 to 14 JAN 2010

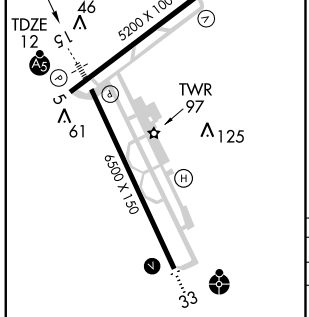
APP CRS	Rwy Idg	6500
152°	TDZE	12
	Apt Elev	15

RNAV (GPS) RWY 15
LAKE CHARLES RGNL (LCH)

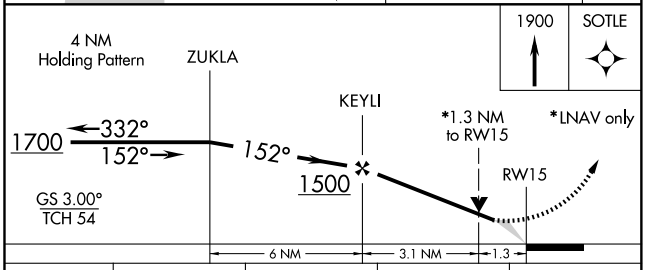
NA ASR	BARO VNAV NA below -15°C (5°F). GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.	MALSR	MISSED APPROACH: Climb to 1900 direct SOTLE WP and hold.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95





REIL Rwys 5 and 23
MIRL Rwy 5-23
HIRL Rwy 15-33 L



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	340/24 328 (400-½)			340/40 328 (400-¾)
LNAV	440/24 428 (500-½)		440/40 428 (500-¾)	440/50 428 (500-1)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LAKE CHARLES, LOUISIANA AL-5083 (FAA)

APP CRS	Rwy Idg	5200
229°	TDZE	15
	Apt Elev	15

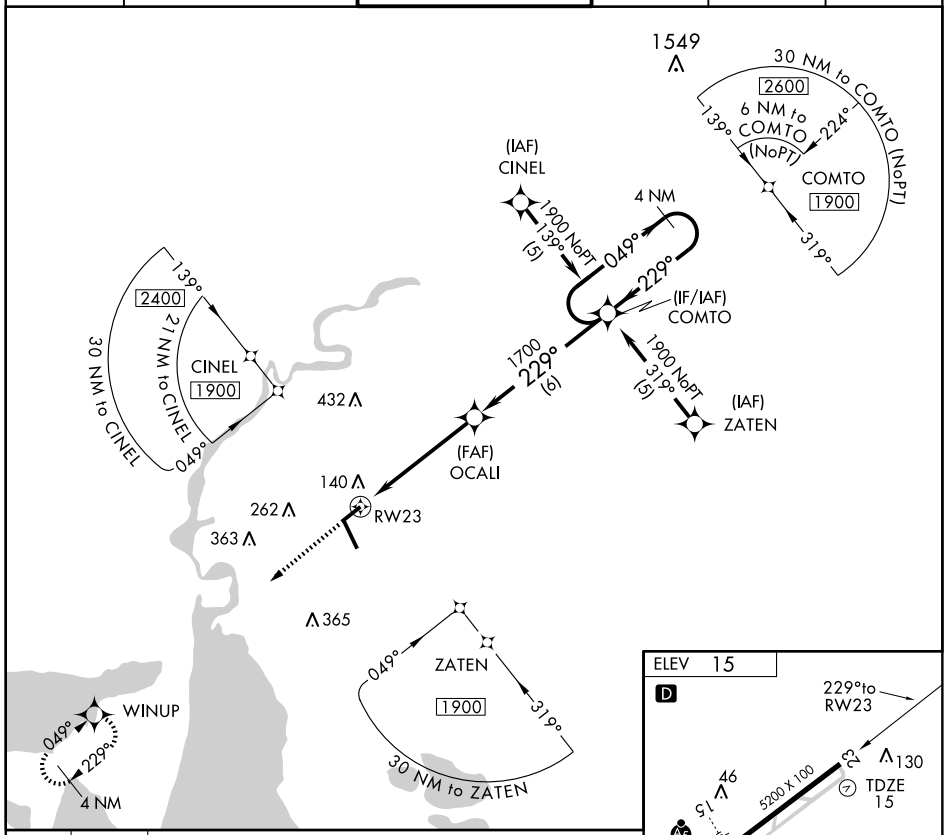
RNAV (GPS) RWY 23

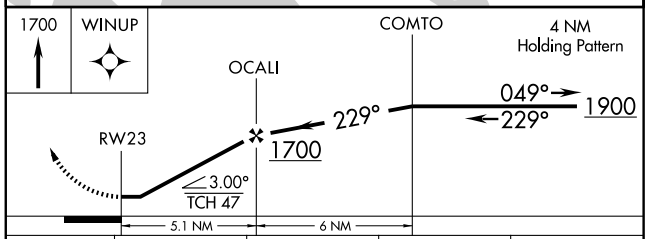
LAKE CHARLES RGNL (LCH)

ASR DME/DME RNP-0.3 NA.

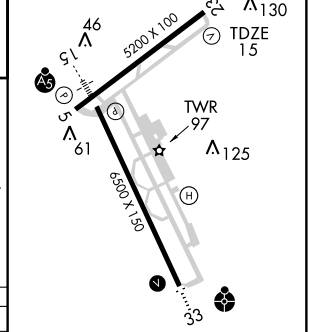
MISSED APPROACH: Climb to 1700 direct WINUP WP and hold.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) Ⓛ 257.8	121.8	126.25	122.95





CATEGORY	A	B	C	D
LNAV MDA	400-1 385 (400-1)			400-1¼ 385 (400-1¼)
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)



REIL Rwys 5 and 23
MIRL Rwy 5-23
HIRL Rwy 15-33 Ⓛ

SC-4, 17 DEC 2009 to 14 JAN 2010

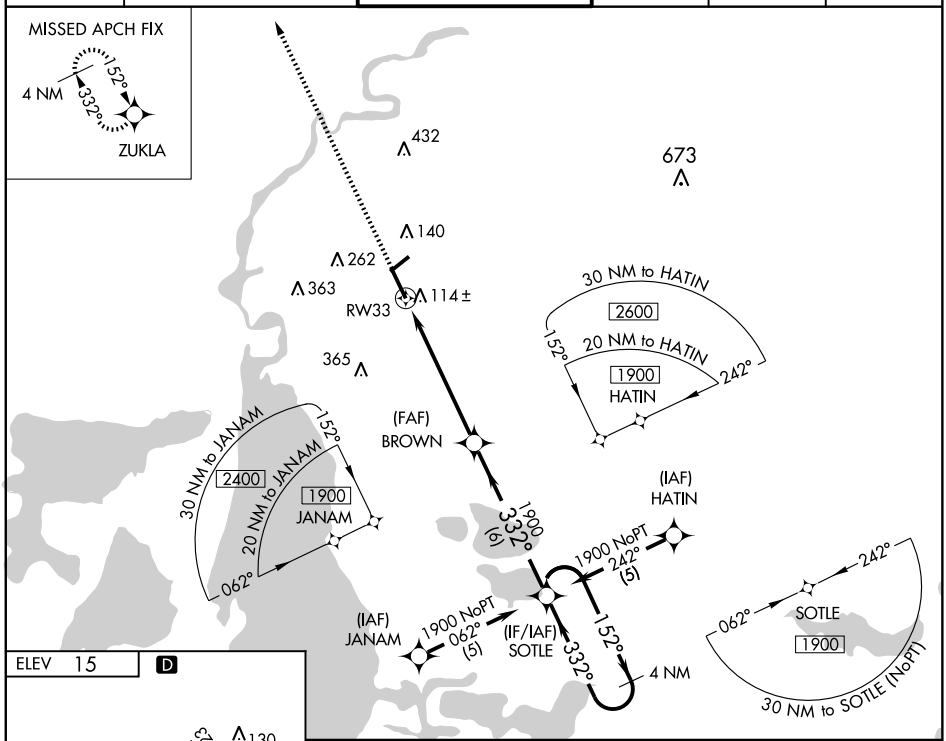
WAAS	APP CRS	Rwy Idg	6500
CH 56215	332°	TDZE	12
W33A		Apt Elev	15

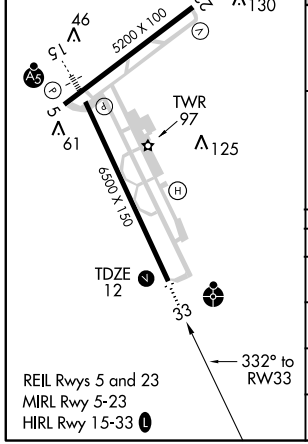
RNAV (GPS) RWY 33

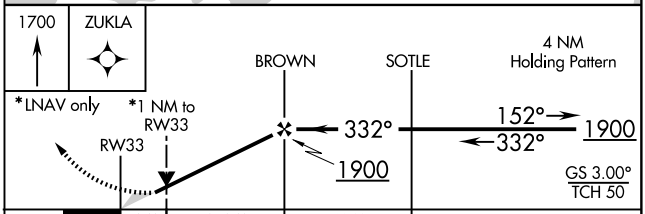
LAKE CHARLES RGNL (LCH)

ASR	BARO-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. For inoperative ODALS increase LPV CATS A-C visibility to 1 mile. Inoperative table does not apply to LNAV/VNAV.	ODALS	MISSED APPROACH: Climb to 1700 direct ZUKLA WP and hold.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95







CATEGORY	A	B	C	D
LPV DA	270-¾ 258 (300-¾)			270-1 258 (300-1)
LNAV/VNAV DA	380-1¼ 368 (400-1¼)			
LNAV MDA	380-¾ 368 (400-¾)			380-1¼ 368 (400-1¼)
CIRCLING	440-1¼ 425 (500-1¼)	480-1¼ 465 (500-1¼)	480-1½ 465 (500-1½)	580-2 565 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC	APP CRS	Rwy Idg	N/A
113.4	249°	TDZE	N/A
Chan 81		Apt Elev	15

VOR-A

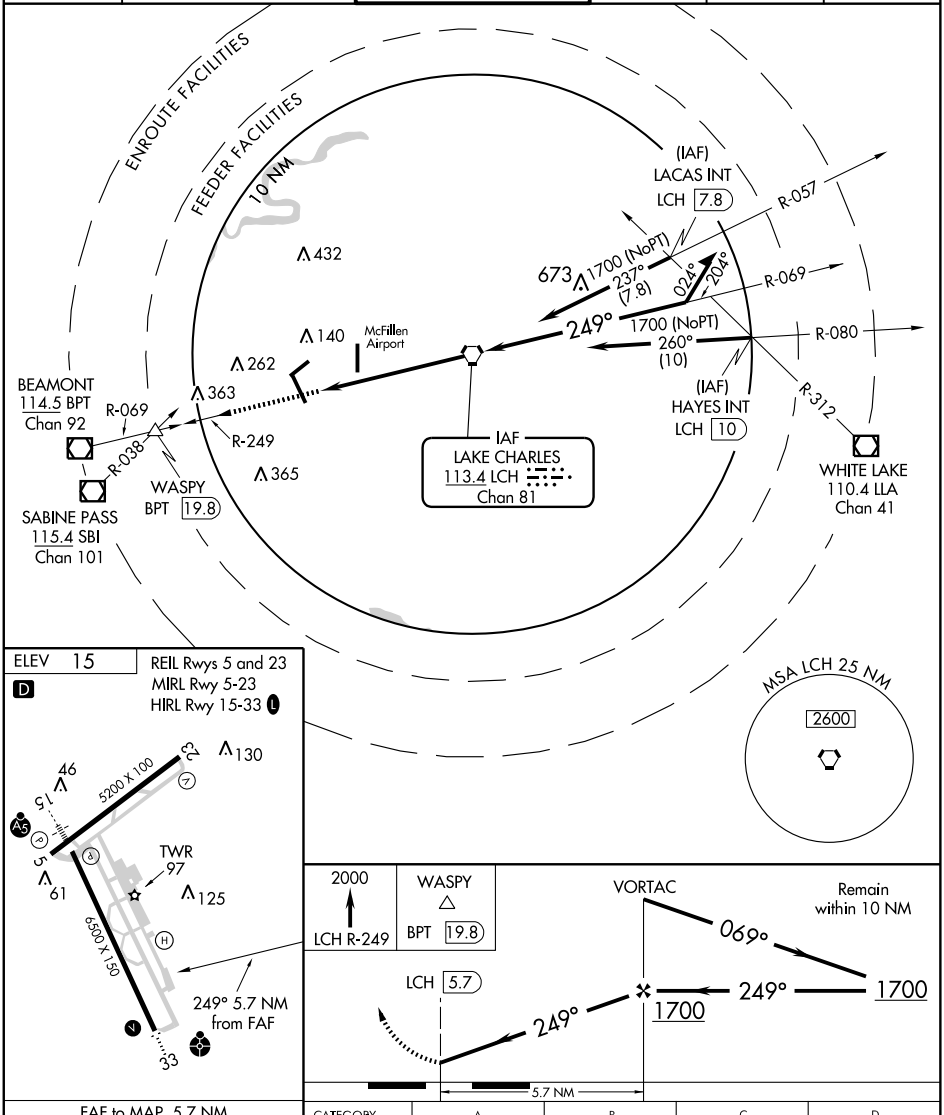
LAKE CHARLES RGNL (LCH)

NA

ASR

MISSED APPROACH: Climb to 2000 via LCH R-249 to WASPY INT.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95



FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
CIRCLING	440-1 425 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

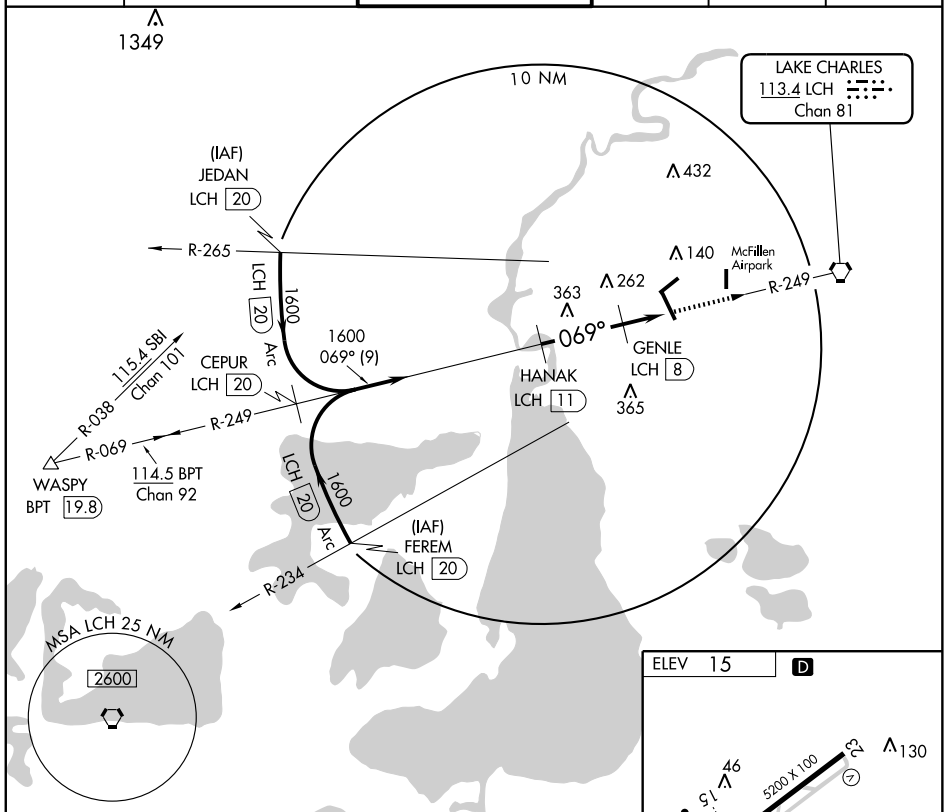
VORTAC LCH	APP CRS	Rwy Idg	N/A
113.4 Chan 81	069°	TDZE	N/A
		Apt Elev	15

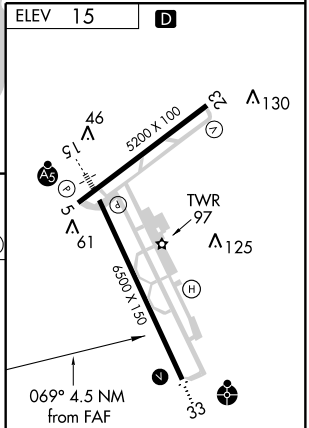
VOR/DME-B
LAKE CHARLES RGNL (LCH)

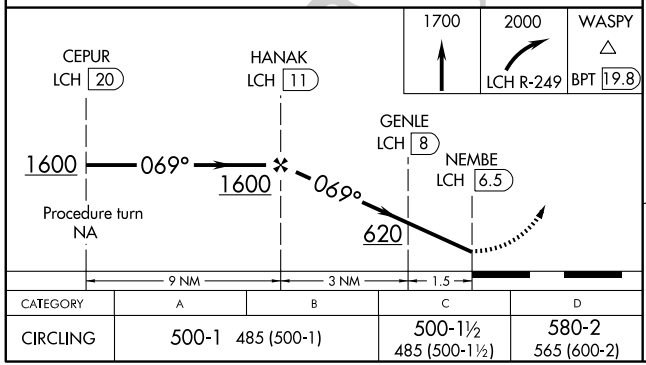
NA
ASR

MISSED APPROACH: Climb to 1700, then climbing right turn to 2000 via LCH R-249 to WASPY Int.

ATIS	LAKE CHARLES APP CON★	LAKE CHARLES TOWER★	GND CON	CLNC DEL	UNICOM
118.75	119.35 353.75	120.7 (CTAF) L 257.8	121.8	126.25	122.95







CATEGORY	A	B	C	D
CIRCLING	500-1 485 (500-1)		500-1½ 485 (500-1½)	580-2 565 (600-2)

REIL Rwys 5 and 23
MIRL Rwy 5-23
HIRL Rwy 15-33 L

SC-4, 17 DEC 2009 to 14 JAN 2010

LAKE PROVIDENCE, LOUISIANA AL-6219 (FAA)

APP CRS	Rwy Idg	3021
172°	TDZE	106
	Apt Elev	106

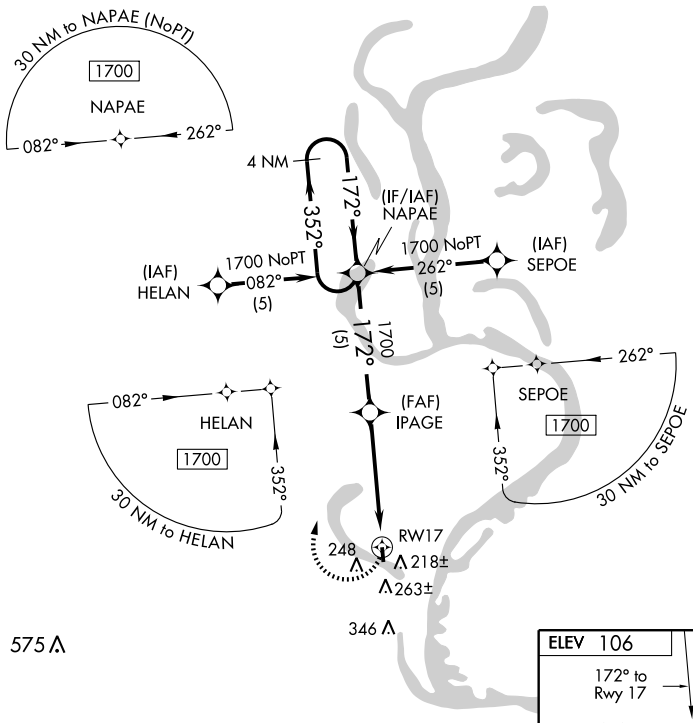
RNAV (GPS) RWY 17

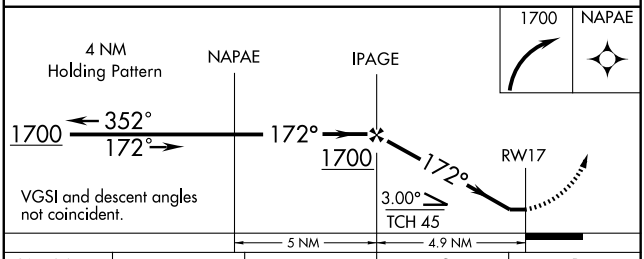
LAKE PROVIDENCE/BYERLEY (0M8)

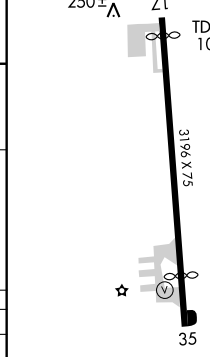
Use Vicksburg Tallulah Regional altimeter setting.
NA GPS or RNP -0.3 required. DME/DME RNP -0.3 NA.

MISSED APPROACH: Climbing right turn to 1700 direct NAPAE WP and hold.

MEMPHIS CENTER	CTAF
132.5 259.1	122.9







CATEGORY	A	B	C	D
LNAV MDA	540-1	434 (500-1)	540-1¼ 434 (500-1¼)	NA
CIRCLING	700-1	594 (600-1)	700-1½ 594 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

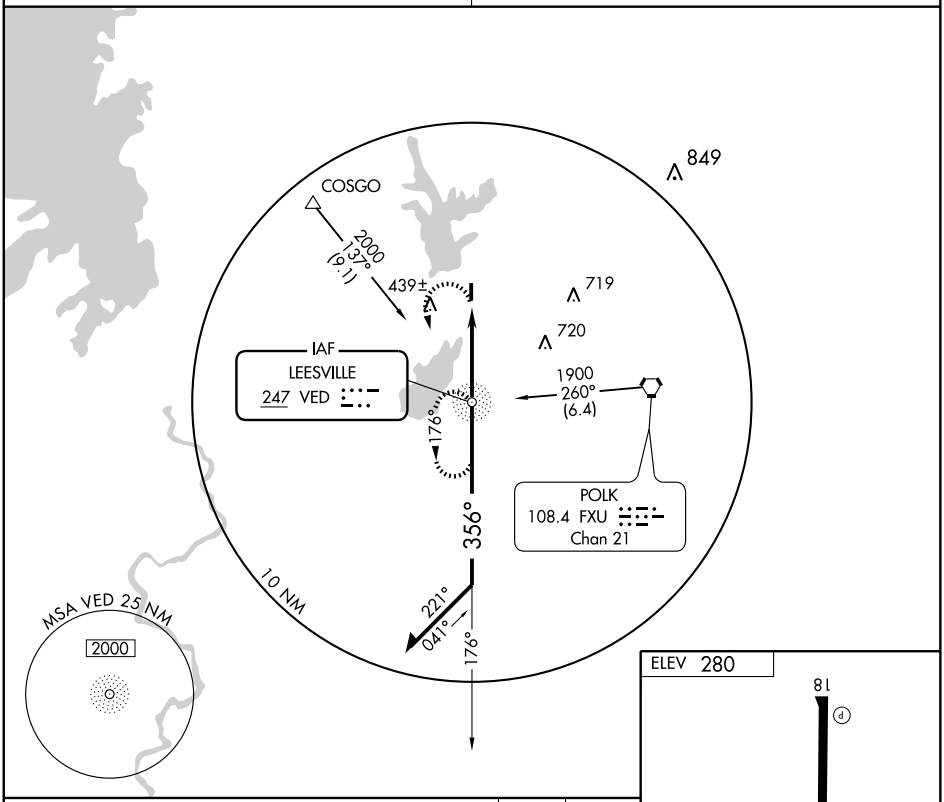
NDB VED 247	APP CRS 356°	Rwy Idg 3807 TDZE 280 Apt Elev 280

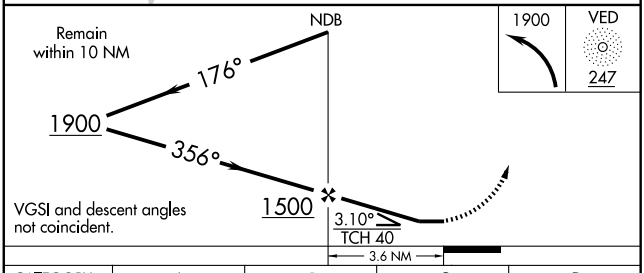
NDB RWY 36
LEESVILLE (L39)

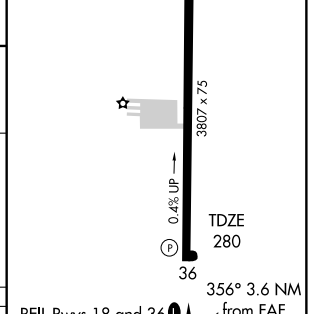
⚠ NA Use Polk AAF altimeter setting.

MISSED APPROACH: Climbing left turn to 1900 direct VED NDB and hold.

POLK APP CON	UNICOM
123.7 254.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-36	780-1	500 (500-1)	780-1¼ 500 (500-1¼)	NA
CIRCLING	780-1	500 (500-1)	780-1½ 500 (500-1½)	NA

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3807
356°	TDZE	280
	Apt Elev	280

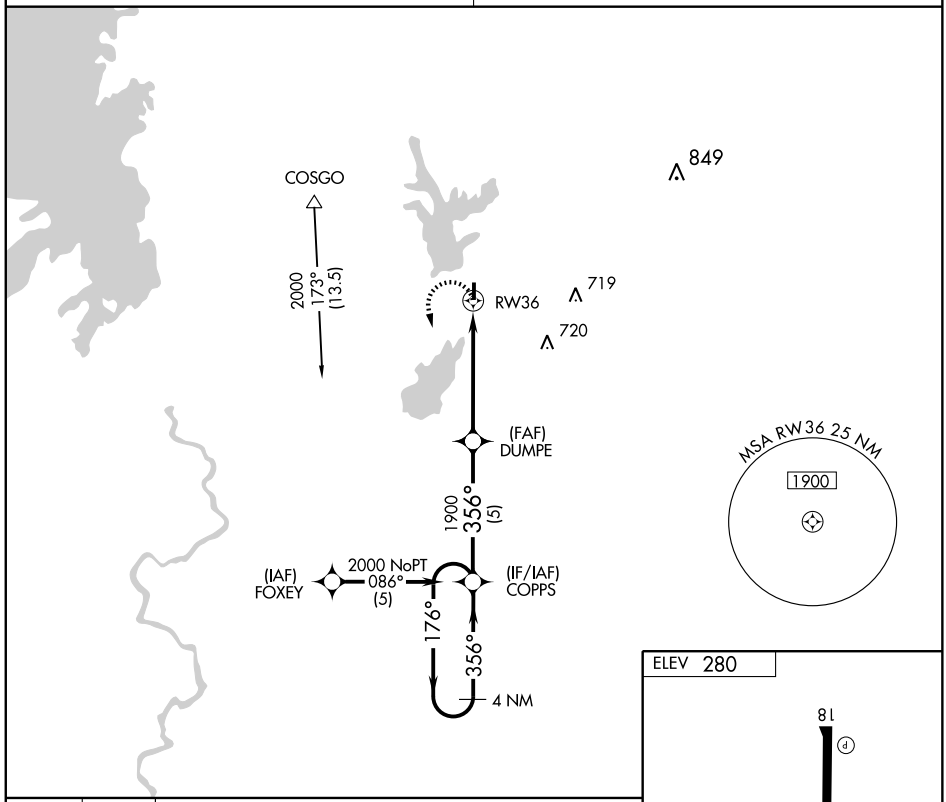
RNAV (GPS) RWY 36
LEESVILLE (L39)

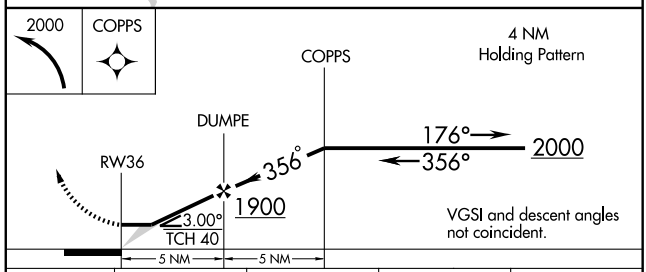
NA Use Polk AAF altimeter setting.
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

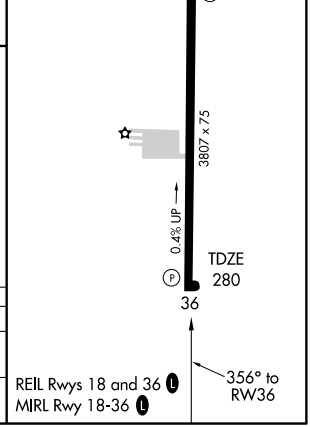
MISSED APPROACH: Climbing left turn to 2000 direct COPPS and hold.

POLK APP CON
123.7 254.8

UNICOM
122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	720-1 440 (500-1)		720-1¼ 440 (500-1¼)	NA
CIRCLING	760-1 480 (500-1)	780-1 500 (500-1)	780-1½ 500 (500-1½)	NA

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB MSD 414	APP CRS 175°	Rwy Idg 4500 TDZE 320 Apt Elev 324

NDB RWY 18

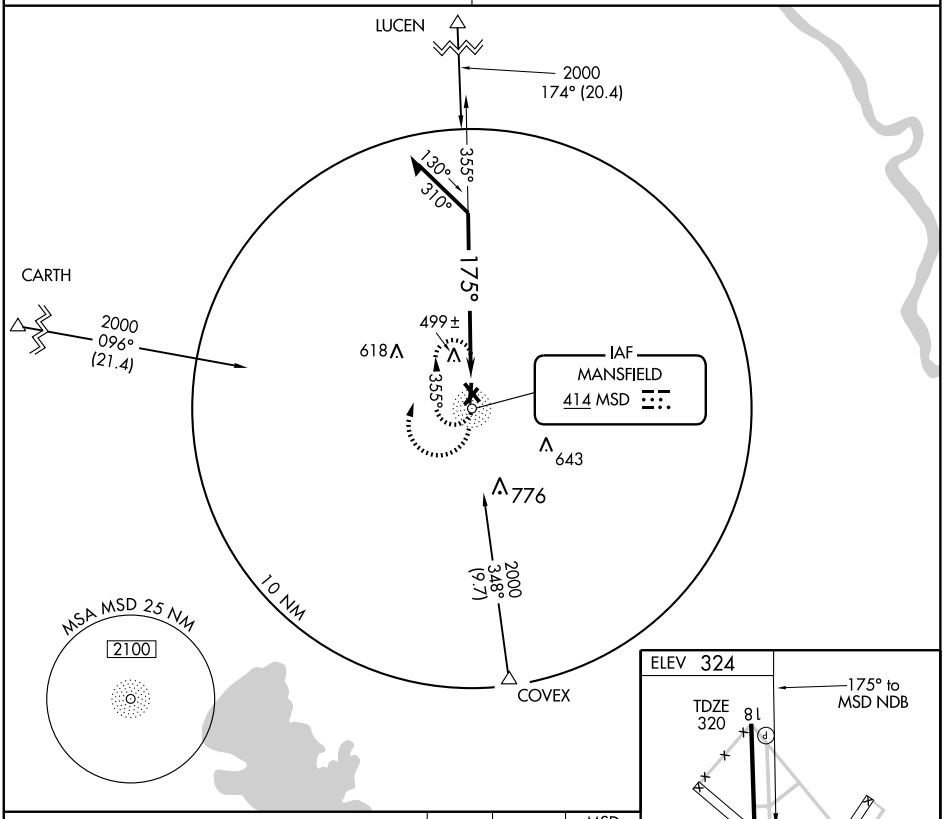
MANSFIELD/C E 'RUSTY' WILLIAMS (3F3)

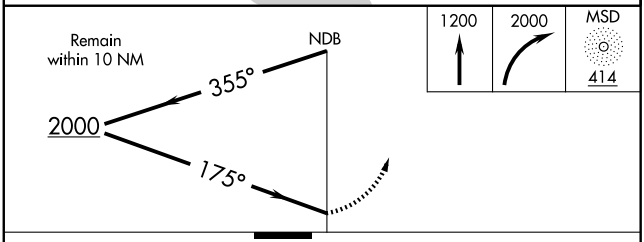
⚠ NA Use Shreveport Regional altimeter setting.

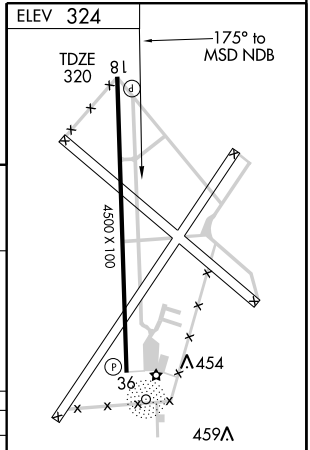
MISSED APPROACH: Climb to 1200, then climbing right turn to 2000 direct MSD NDB and hold.

SHREVEPORT APP CON ★
119.9 335.55

UNICOM
122.8 (CTAF) L







MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

CATEGORY	A	B	C	D
S-18	980-1 660 (700-1)		980-1¾ 660 (700-1¾)	NA
CIRCLING	980-1 656 (700-1)		980-1¾ 656 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4500
182°	TDZE	320
	Apt Elev	324

RNAV (GPS) RWY 18

MANSFIELD/ C E 'RUSTY' WILLIAMS (3F3)

NA

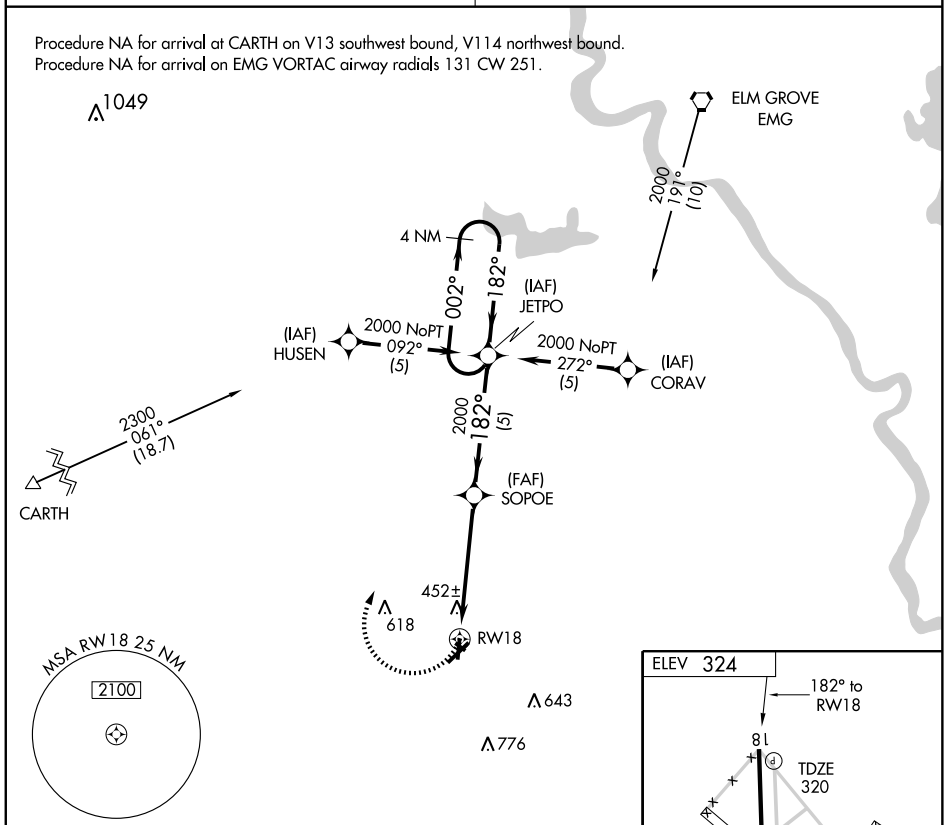
Use Shreveport Regional altimeter setting.
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

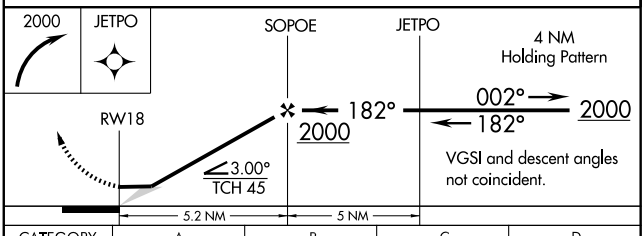
MISSED APPROACH: Climbing right turn to 2000 direct JETPO WP and hold.

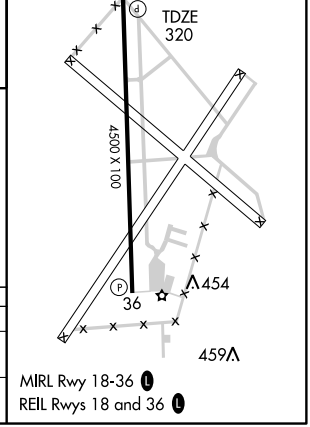
SHREVEPORT APP CON ★
119.9 335.55

UNICOM
122.8 (CTAF) L

Procedure NA for arrival at CARTH on V13 southwest bound, V114 northwest bound.
Procedure NA for arrival on EMG VORTAC airway radials 131 CW 251.







CATEGORY	A	B	C	D
LNAV MDA	780-1 460 (500-1)		780-1¼ 460 (500-1¼)	NA
CIRCLING	880-1 556 (600-1)		880-1½ 556 (600-1½)	NA

MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

MANY, LOUISIANA

WAAS	APP CRS	Rwy Idg 4402
CH 78015	117°	TDZE 319
W12A		Apt Elev 319

AL-6220 (FAA)

RNAV (GPS) RWY 12

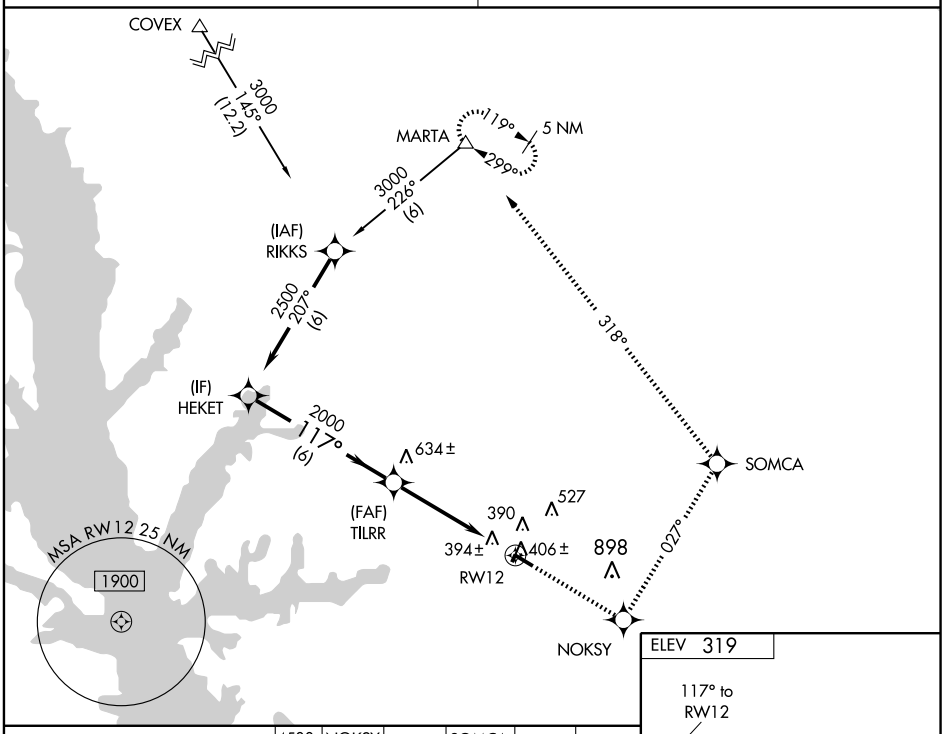
MANY/ HART (3R4)

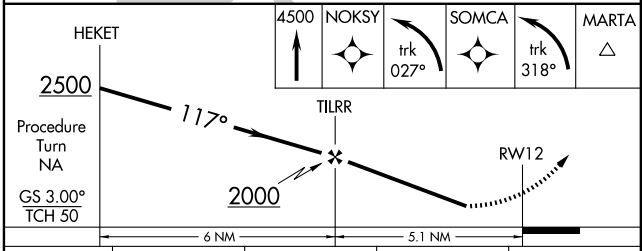
T
NA

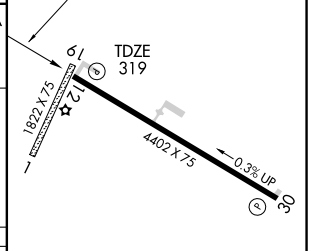
Baro-VNAV NA. DME/DME RNP-0.3 NA. Procedure NA at night. Visibility reduction by helicopters NA. Use Fort Polk altimeter setting; when not received, use Natchitoches altimeter setting and increase all DA 2 feet and all MDA 20 feet, increase LPV visibility all Cats ¼ mile, and increase Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 4500 direct NOKSY and left turn via track 027° to SOMCA and left turn via track 318° to MARTA and hold.

POLK APP CON	UNICOM
123.7 254.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	713-1¼ 394 (400-1¼)			NA
LNAV/VNAV DA	765-1½ 446 (500-1½)			NA
LNAV MDA	820-1 501 (600-1)		820-1½ 501 (600-1½)	NA
CIRCLING	900-1 581 (600-1)		900-1½ 581 (600-1½)	NA

REIL Rwys 12 and 30 L
MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

MANY, LOUISIANA

APP CRS	Rwy Idg	4402
282°	TDZE	311
	Apt Elev	319

AL-6220 (FAA)

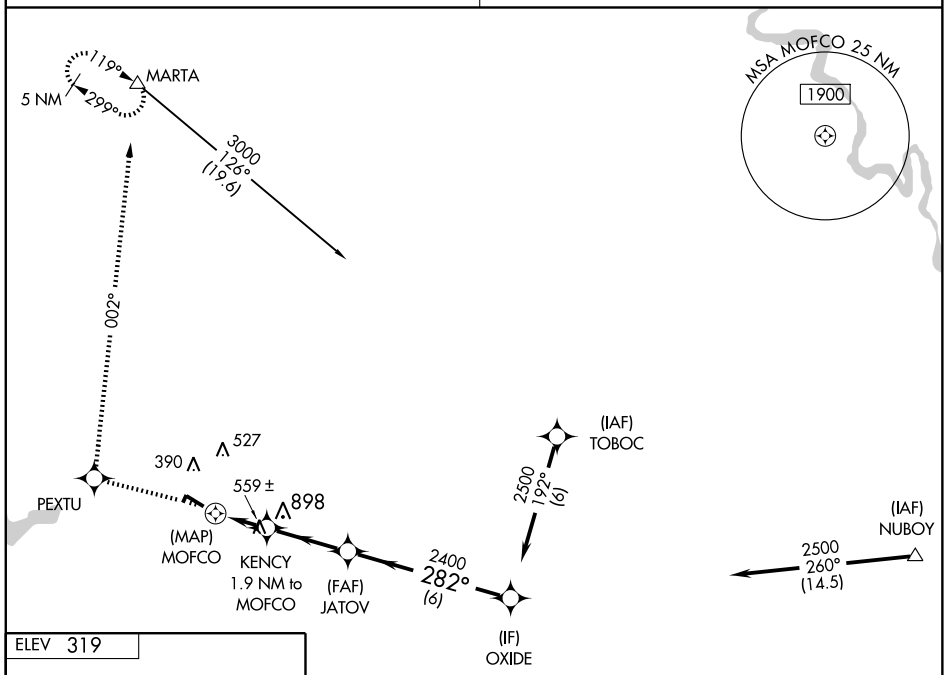
RNAV (GPS) RWY 30

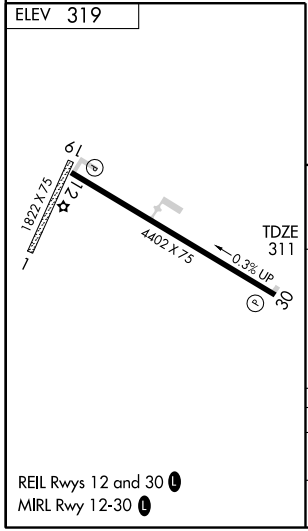
MANY/ HART (3R4)

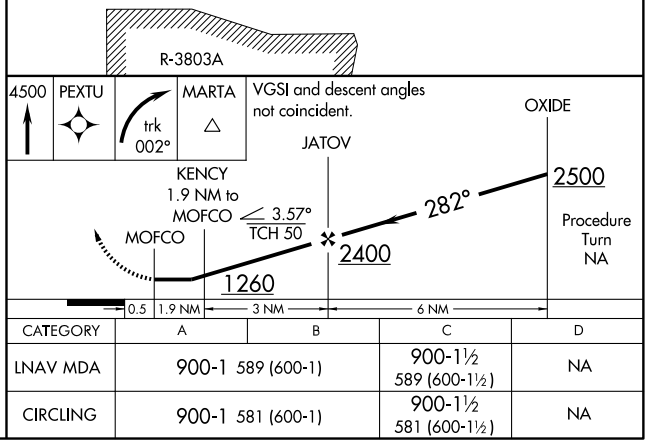
DME/DME RNP-0.3 NA. Procedure NA at night.
Visibility reduction by helicopters NA.
NA Use Fort Polk altimeter setting; when not received, use Natchitoches altimeter setting and increase all MDA 20 feet and increase LNAV and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 4500 direct PEXTU and right turn via track 002° to MARTA and hold, continue climb in hold to 4500.

POLK APP CON	UNICOM
123.7 254.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	900-1 589 (600-1)		900-1½ 589 (600-1½)	NA
CIRCLING	900-1 581 (600-1)		900-1½ 581 (600-1½)	NA

REIL Rwys 12 and 30 L
MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB MKV	APP CRS	Rwy Idg	3799
347	040°	TDZE	77
		Apt Elev	79

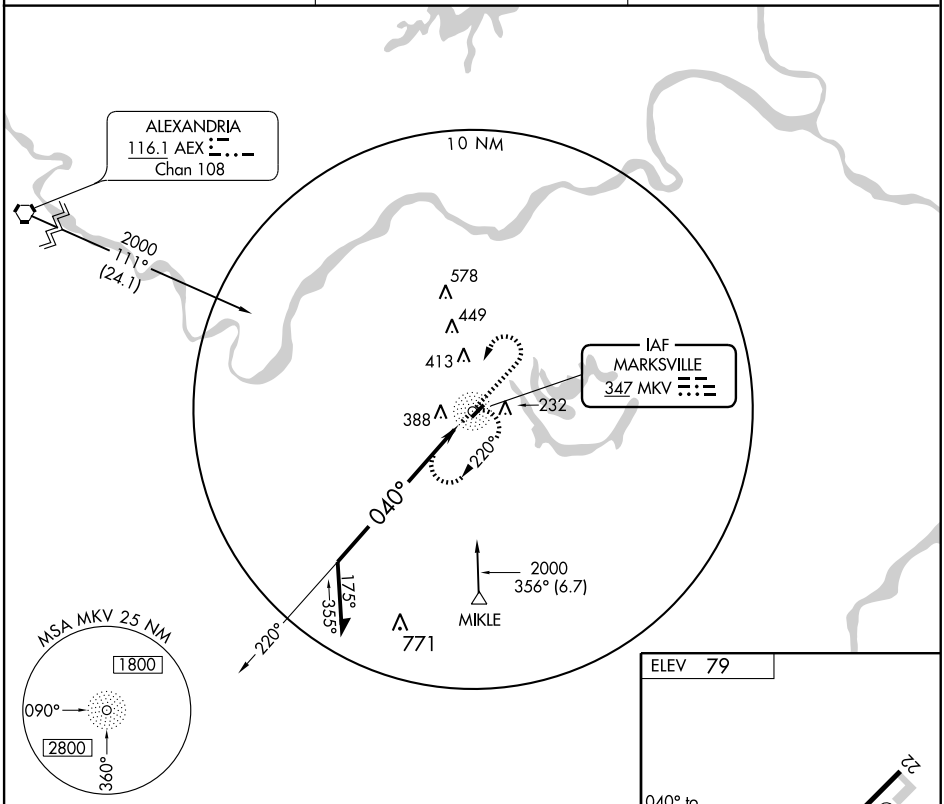
NDB RWY 4

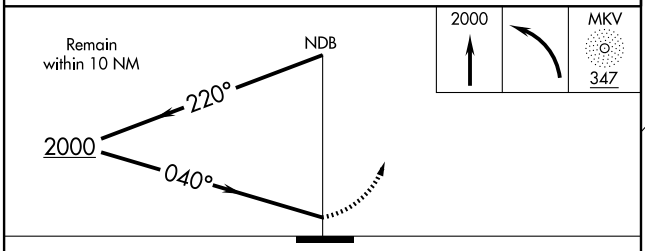
MARKSVILLE MUNI (MKV)

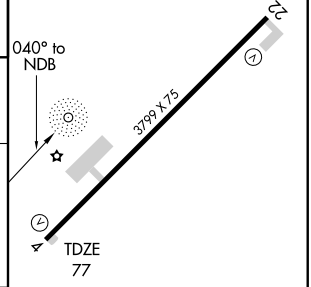
⚠ NA — Use Esler Rgnl altimeter setting. When not received, use Alexandria Intl. altimeter setting. When neither is received, procedure not authorized.

MISSED APPROACH: Climb to 2000 then left turn direct MKV NDB and hold.

POLK APP CON	CTAF	122.8 L
125.4 302.2	122.9	







MIRL Rwy 4-22 L

CATEGORY	A	B	C	D
S-4	1020-1¼	943 (1000-1¼)	NA	
CIRCLING	1020-1¼	941 (1000-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3799
043°	TDZE	77
	Apt Elev	79

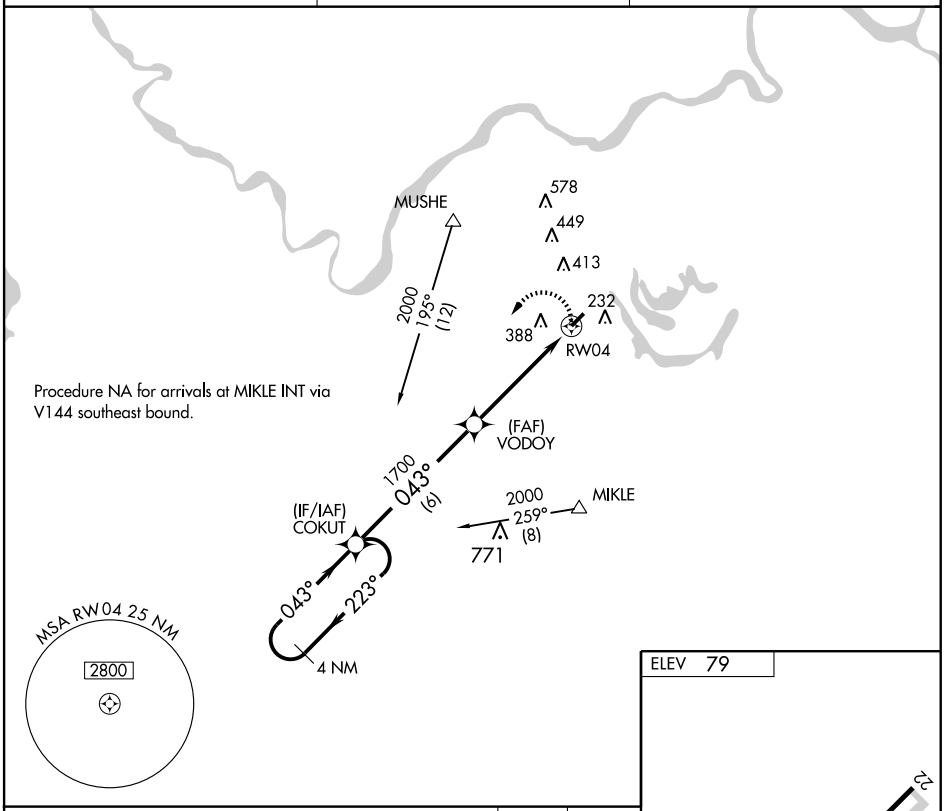
RNAV (GPS) RWY 4

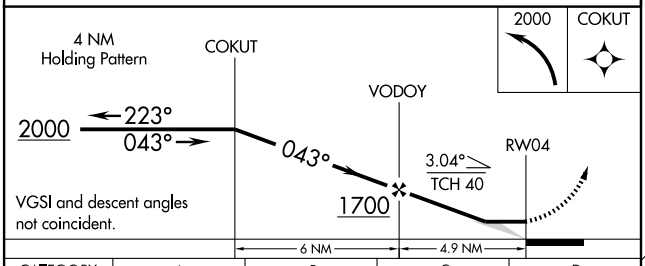
MARKSVILLE MUNI (MKV)

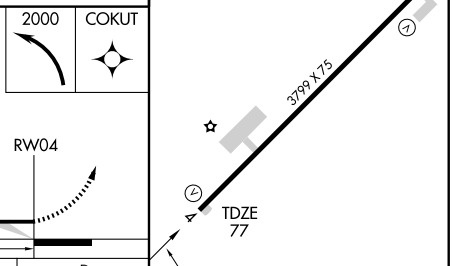
⚠ NA — DME/DME RNP-0.3 NA. Use Esler Rgnl altimeter setting. If not received, use Alexandria Intl. altimeter setting. When neither is received, procedure not authorized.

MISSED APPROACH: Climbing left turn to 2000 direct COKUT and hold.

POLK APP CON	CTAF	
125.4 302.2	122.9	122.8 (L)







CATEGORY	A	B	C	D
LNAV MDA	680-1	603 (700-1)	NA	
CIRCLING	760-1	681 (700-1)	NA	

MIRL Rwy 4-22 (L)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC	APP CRS	Rwy Idg	N/A
116.1	110°	TDZE	N/A
Chan 108		Apt Elev	79

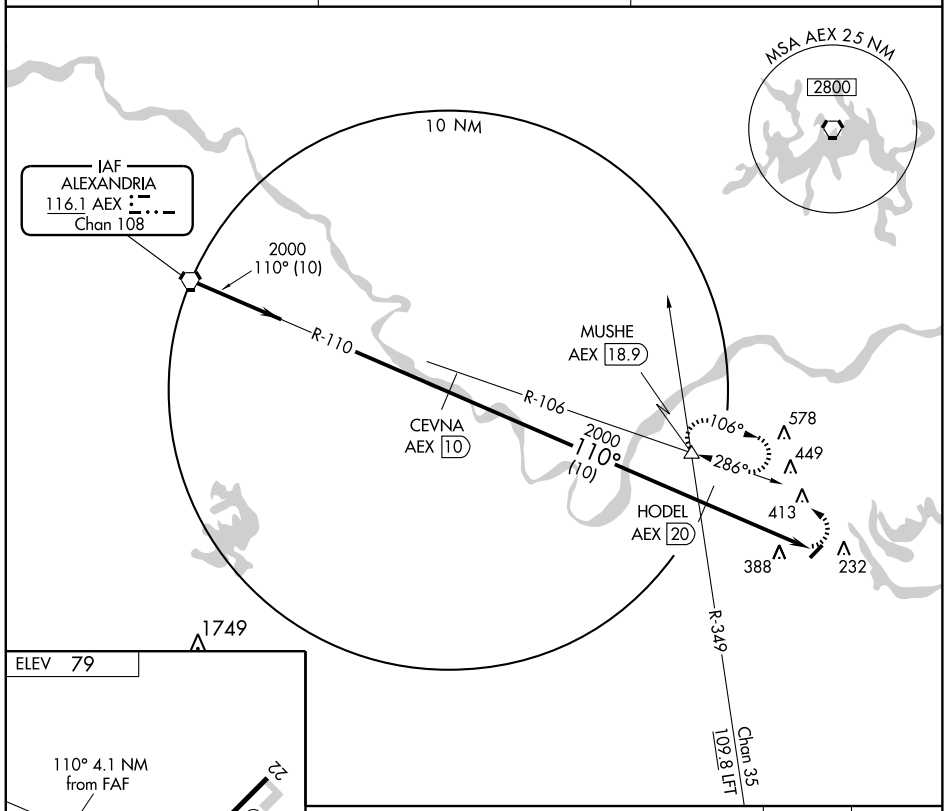
VOR/DME-A

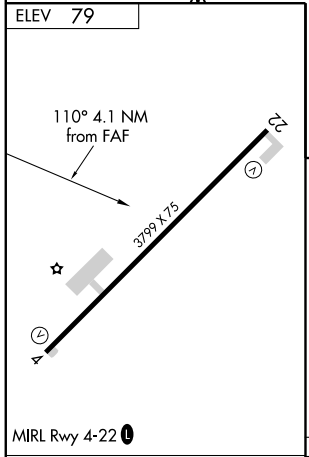
MARKSVILLE MUNI (MKV)

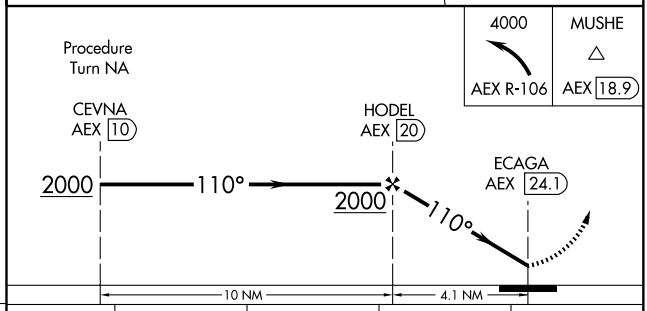
⚠ NA — Use Esler Rgnl altimeter setting. When not received, use Alexandria Intl. altimeter setting. When neither is received, procedure not authorized.

MISSED APPROACH: Climbing left turn to 4000 via AEX R-106 to MUSHE Int/AEX 18.9 DME and hold.

POLK APP CON	CTAF	122.8 (L)
125.4 302.2	122.9	







Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	760-1 681 (700-1)	760-1¼ 681 (700-1¼)	NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

MINDEN, LOUISIANA

AL-6064 (FAA)

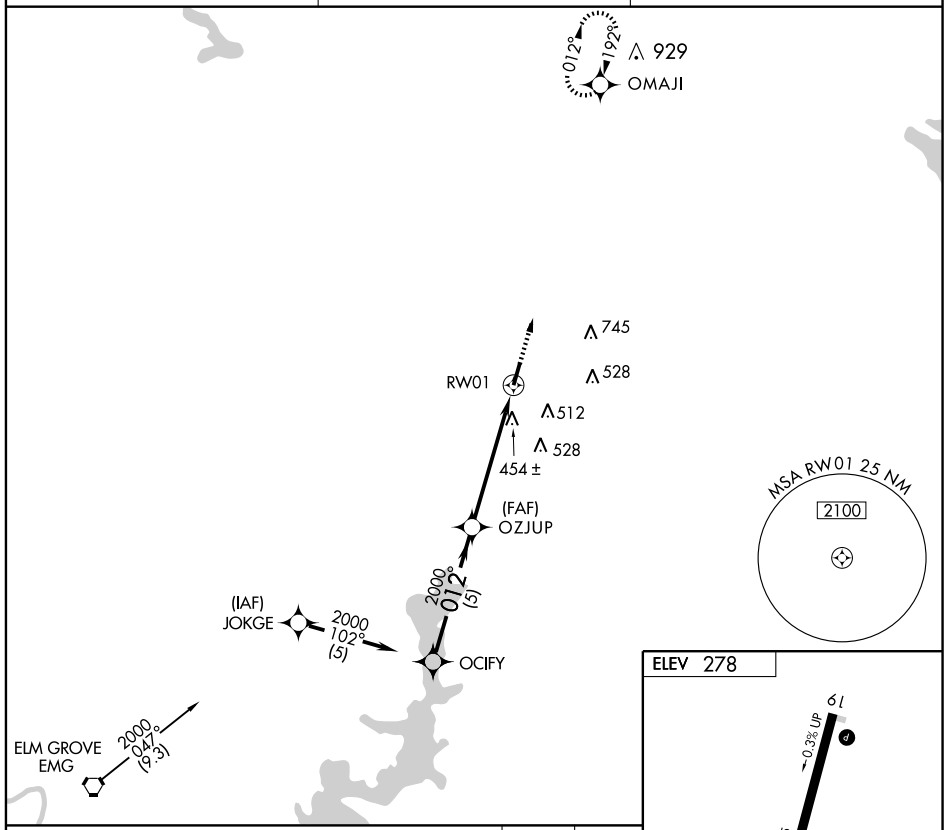
APP CRS	Rwy Idg	5004
012°	TDZE	278
	Apt Elev	278

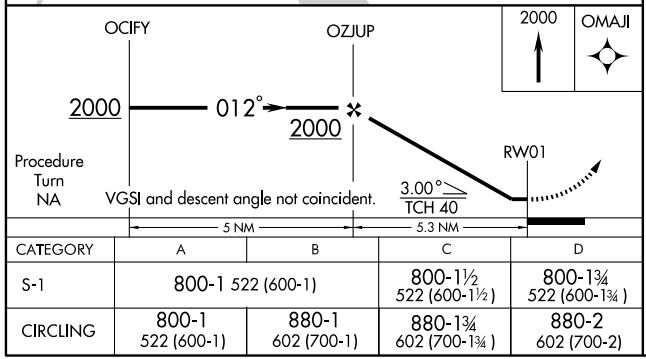
GPS RWY 1

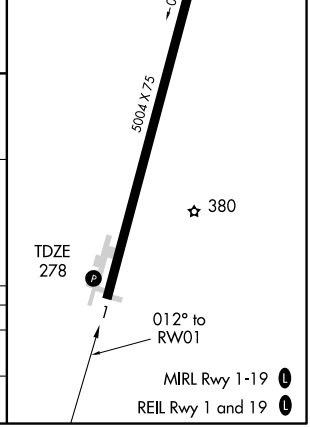
MINDEN-WEBSTER (F24)

⚠ NA Use Barksdale AFB altimeter setting.	MISSED APPROACH: Climb to 2000 direct OMAJI WP and hold.

SHREVEPORT APP CON	GCO	UNICOM
118.6 350.2	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-1	800-1 522 (600-1)		800-1½ 522 (600-1½)	800-1¾ 522 (600-1¾)
CIRCLING	800-1 522 (600-1)	880-1 602 (700-1)	880-1¾ 602 (700-1¾)	880-2 602 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

MINDEN, LOUISIANA

AL-6064 (FAA)

APP CRS		
192°	Rwy Idg	5004
	TDZE	272
	Apt Elev	278

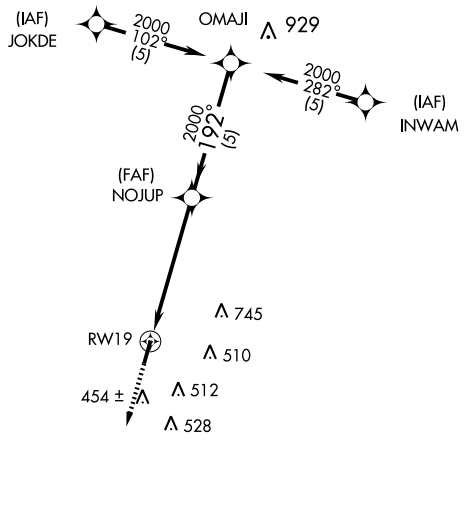
GPS RWY 19

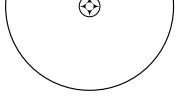
MINDEN-WEBSTER (F24)

NA Use Barksdale AFB altimeter setting.

MISSED APPROACH: Climb to 2000 direct OCIFY WP and hold.

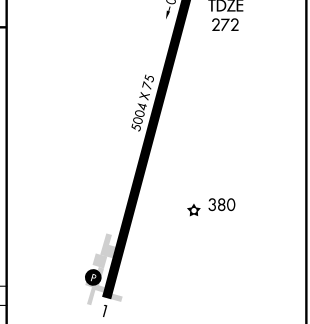
SHREVEPORT APP CON	GCO	UNICOM
118.6 350.2	135.075	122.8 (CTAF) L

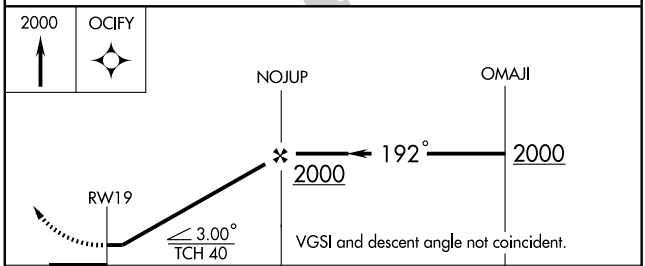






RADAR REQUIRED





CATEGORY	A	B	C	D
S-19	700-1 428 (500-1)		700-1¼ 428 (500-1¼)	700-1½ 428 (500-1½)
CIRCLING	800-1 522 (600-1)	880-1 602 (700-1)	880-1¾ 602 (700-1¾)	880-2 602 (700-2)

MIRL Rwy 1-19 L

REIL Rwy 1 and 19 L

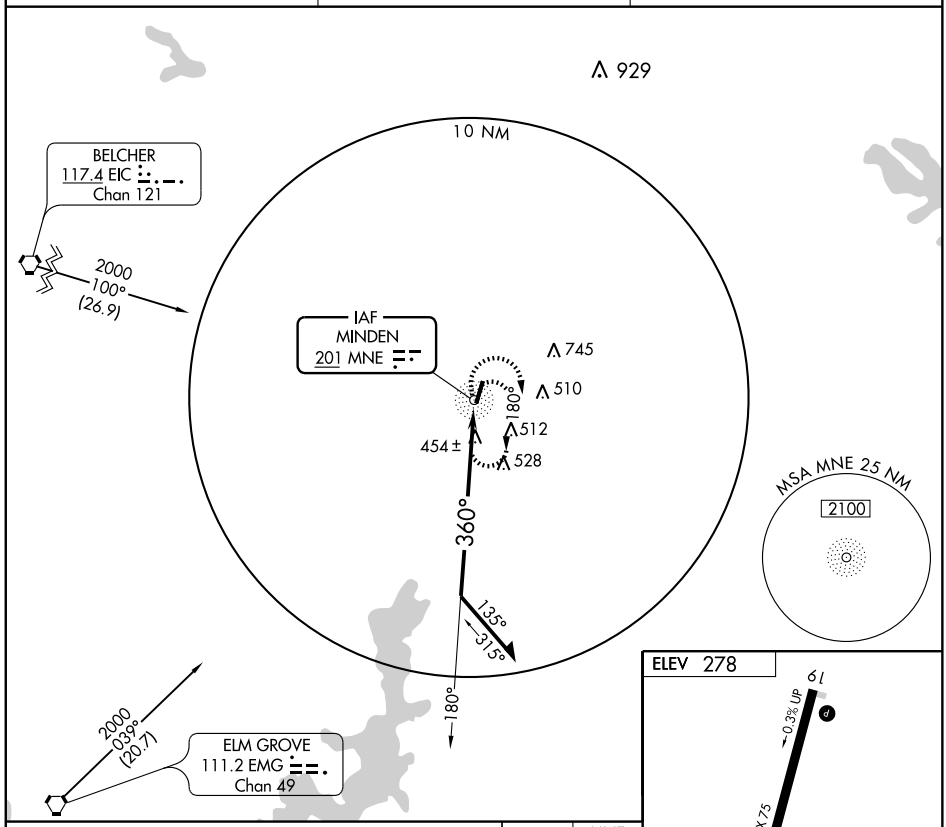
SC-4, 17 DEC 2009 to 14 JAN 2010

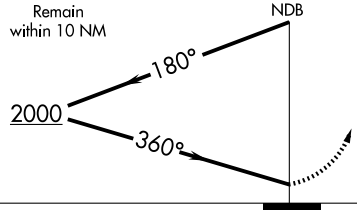
NDB MNE	APP CRS	Rwy Idg	5004
201	360°	TDZE	278
		Apt Elev	278

NDB RWY 1
MINDEN-WEBSTER (F24)

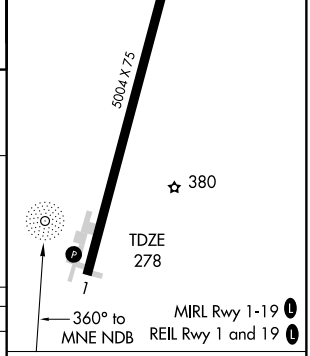
⚠ NA Use Barksdale AFB altimeter setting.	MISSED APPROACH: Climbing right turn to 2000 in MNE NDB holding pattern.

SHREVEPORT APP CON	GCO	UNICOM
118.6 350.2	135.075	122.8 (CTAF) L





2000	MNE
	201



CATEGORY	A	B	C	D
S-1	960-1	682 (700-1)	960-2 682 (700-2)	960-2¼ 682 (700-2¼)
CIRCLING	960-1	682 (700-1)	960-2 682 (700-2)	960-2¼ 682 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

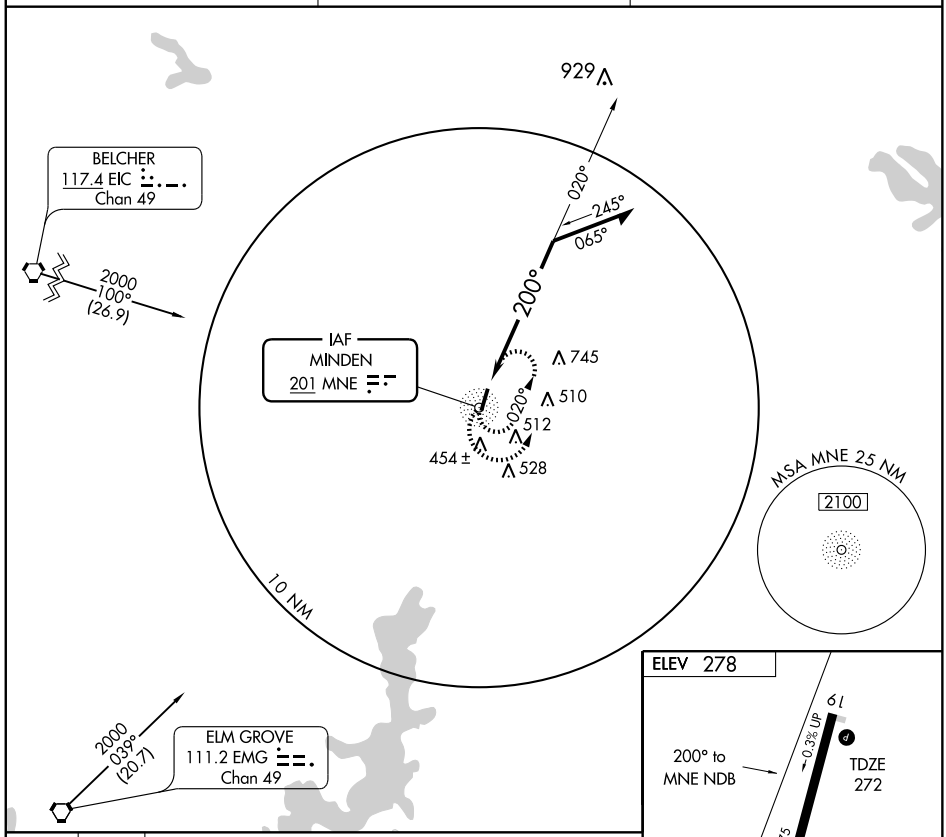
NDB MNE	APP CRS	Rwy Idg	5004
201	200°	TDZE	272
		Apt Elev	278

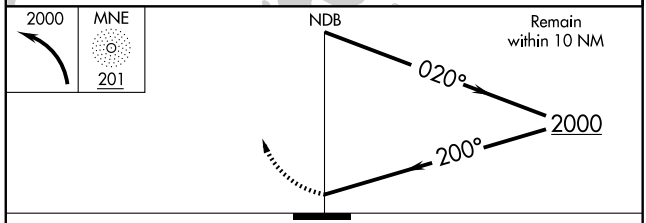
NDB RWY 19
MINDEN-WEBSTER (F24)

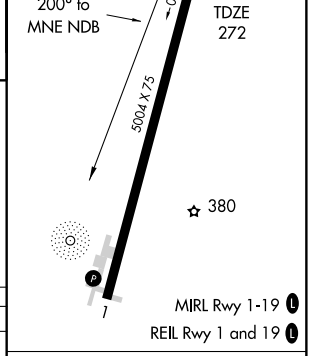
⚠ NA — Use Barksdale AFB altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 in MNE NDB holding pattern.

SHREVEPORT APP CON	GCO	UNICOM
118.6 350.2	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-19	1000-1	728 (800-1)	1000-2 728 (800-2)	1000-2¼ 728 (800-2¼)
CIRCLING	1000-1	722 (800-1)	1000-2 722 (800-2)	1000-2¼ 728 (800-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

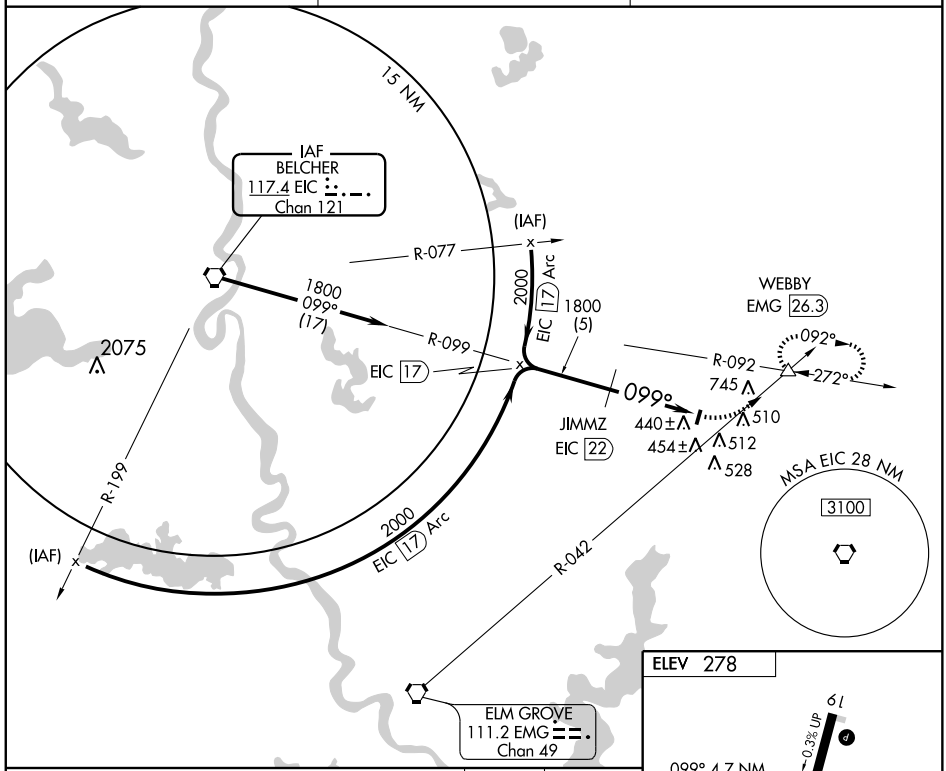
VORTAC EIC	APP CRS	Rwy Idg	N/A
117.4	099°	TDZE	N/A
Chan 121		Apt Elev	278

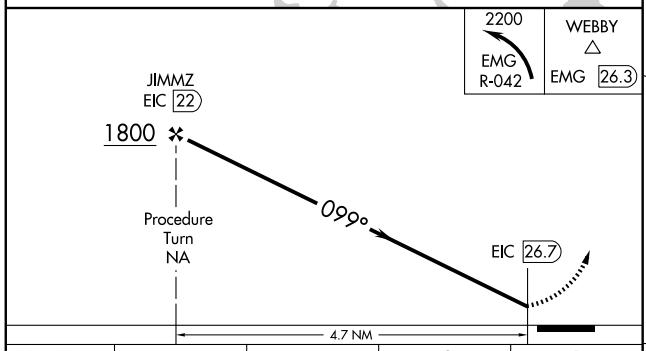
VOR/DME-A
MINDEN-WEBSTER (F24)

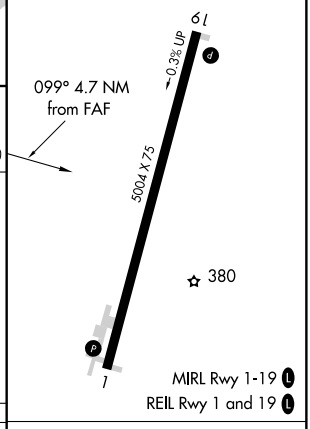
NA — Use Barksdale AFB altimeter setting.

MISSED APPROACH: Climbing left turn to 2200 via EMG VOR/DME R-042 to WEBBY Int and hold.

SHREVEPORT APP CON	GCO	UNICOM
118.6 350.2	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1540-1¼ 1262 (1300-1¼)	1540-1½ 1262 (1300-1½)	1540-3 1262 (1300-3)	

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-270 (FAA)

MONROE RGNL (MLU)
MONROE, LOUISIANA

ATIS 125.05
MONROE TOWER ★
118.9 257.8
GND CON
121.9
CLNC DEL
121.65

D

RWY 4-22
S75, D170, ST175, DT290
RWY 14-32
S75, D170, ST175, DT290
RWY 18-36
S60, D75, ST95,DT130

VAR 1.7° E

JANUARY 2005
ANNUAL RATE OF CHANGE
0.1 ° W

ELEV 75

HANGAR
FIRE STATION
FIELD ELEV 79
ELEV 79
81
18
178.3°
138.3°
223.3°
22
32°31.0′ N
HANGAR
TANKS
HANGARS
FBO
CONTROL TOWER 207
TERMINAL
HANGARS
GENERAL AVIATION PARKING
VOT
FBO
HANGAR
043.3°
5000 X 150
7507 X 150
5001 X 150
318.3°
32
ELEV 76
HOT CARGO AREA
358.3°
36
ELEV 76
ELEV 76
HANGAR
32°30.0′ N
92°03.0′ W
92°02.0′ W

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MLU	APP CRS	Rwy Idg	7507
109.5	042°	TDZE	78
		Apt Elev	79

ILS or LOC RWY 4

MONROE RGNL (MLU)

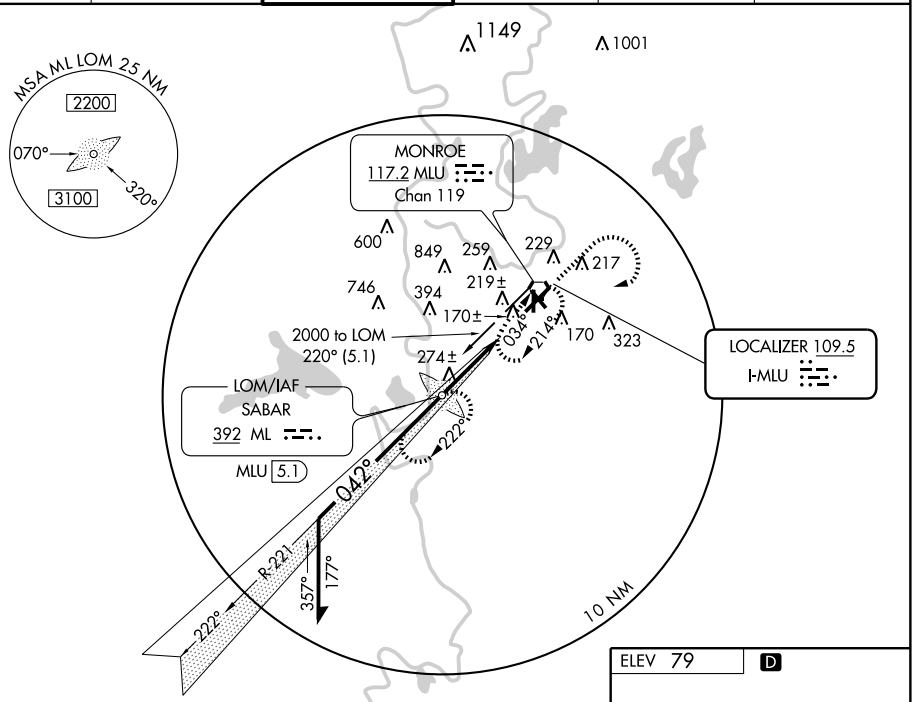
ASR

* RVR 1800 authorized with the use of FD or AP or HUD to DA.

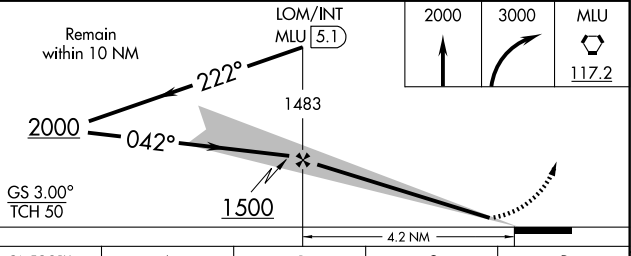
MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct MLU VORTAC and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95

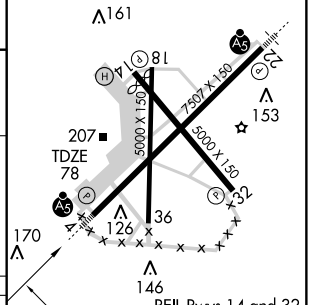


ADF or DME REQUIRED



CATEGORY	A	B	C	D
S-ILS 4	*278/24 200 (200-½)			
S-LOC 4	480/24 402 (500-½)		480/40 402 (500-¾)	
CIRCLING	580-1 501 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)

ELEV 79 D



FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MZR	APP CRS	Rwy Idg	7507
109.5	222°	TDZE	78
		Apt Elev	79

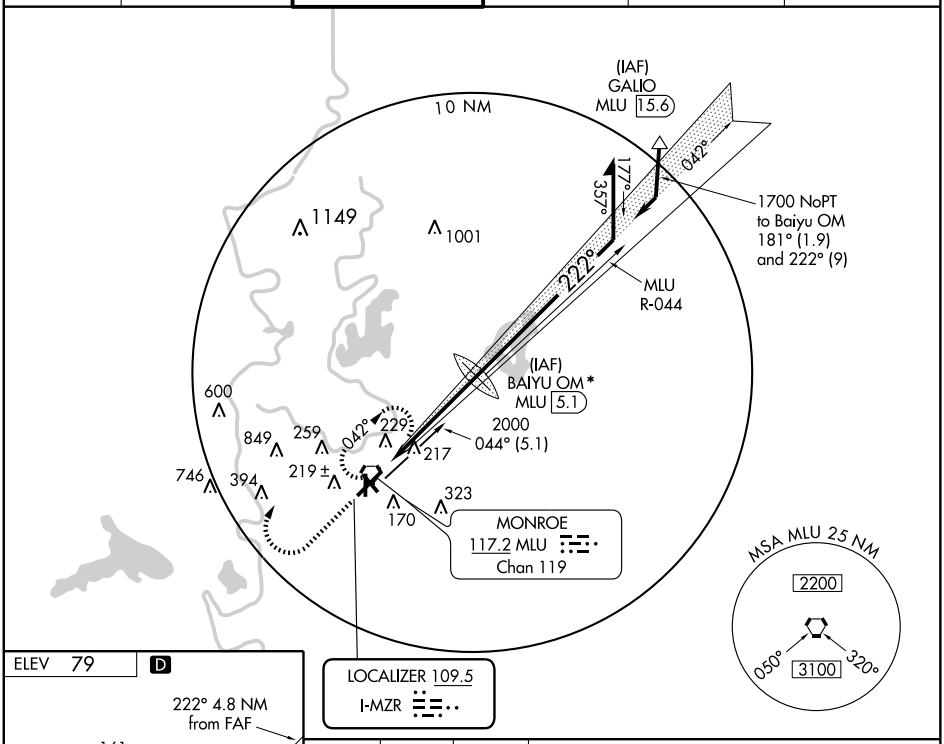
ILS RWY 22
MONROE RGNL (MLU)

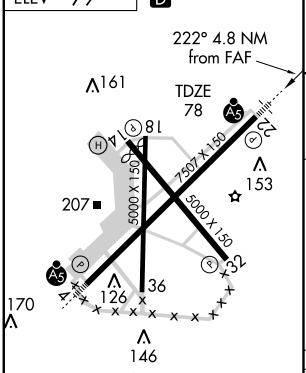
ASR

MALSR

MISSED APPROACH: Climb to 3000 then right turn direct MLU VORTAC and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95

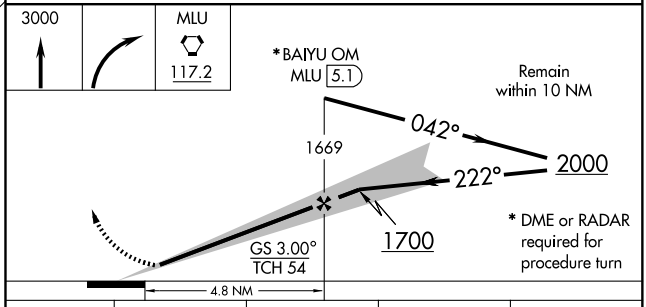




REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-ILS 22	278-½ 200 (200-½)			
S-LOC 22	420-½ 342 (400-½)			420-¾ 342 (400-¾)
CIRCLING	580-1 501 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 56410 W04A	APP CRS 042°	Rwy Idg 7507 TDZE 78 Apt Elev 79

RNAV (GPS) RWY 4

MONROE RGNL (MLU)

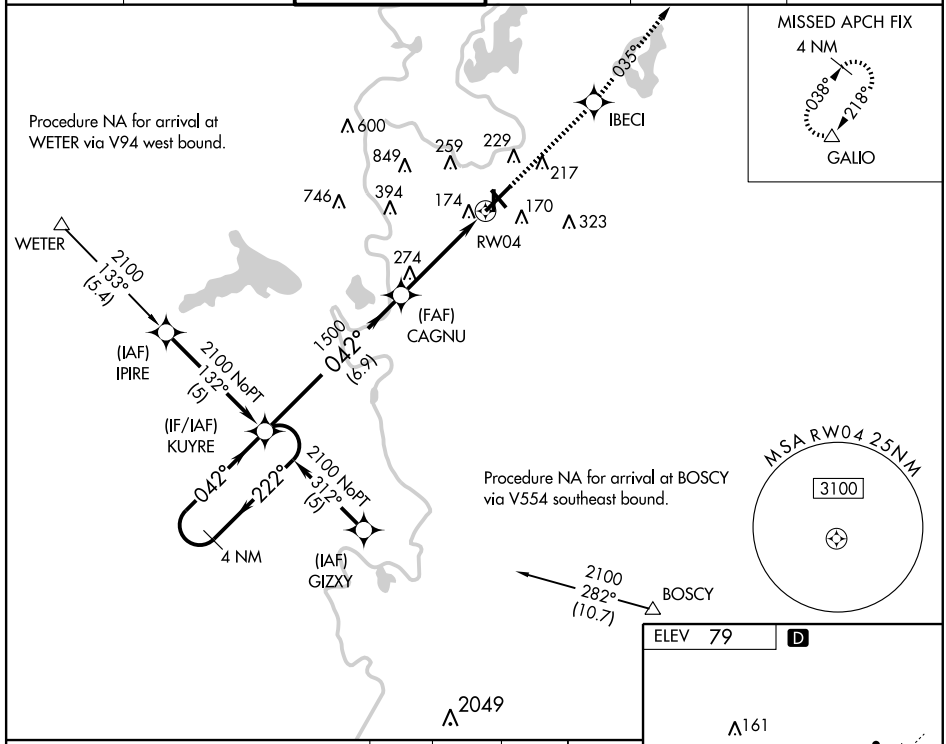
ASR

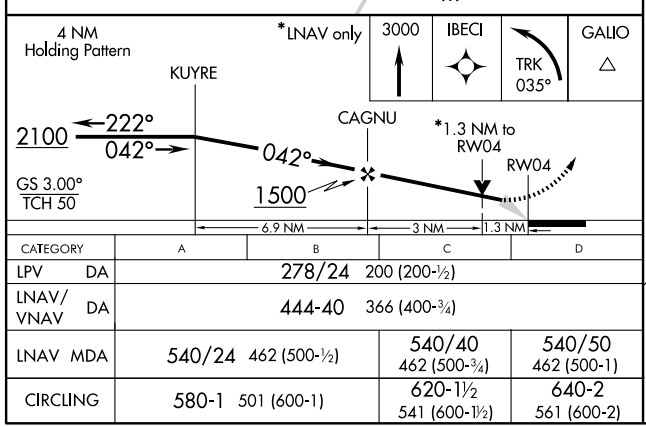
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA.

MALSR

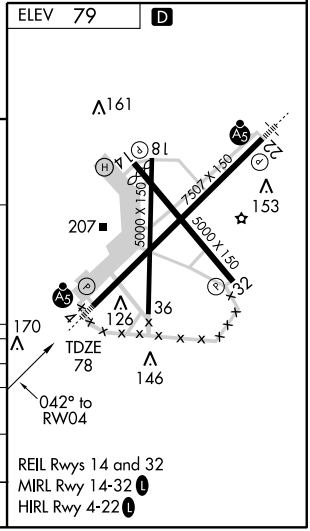
MISSED APPROACH: Climb to 3000 direct IBECI and left turn via 035° track to GALIO and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95





CATEGORY	A	B	C	D
LPV DA	278/24 200 (200-½)			
LNAV/VNAV DA	444-40 366 (400-¾)			
LNAV MDA	540/24 462 (500-½)		540/40 462 (500-¾)	540/50 462 (500-1)
CIRCLING	580-1 501 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70510 W22A	APP CRS 222°	Rwy Idg 7507 TDZE 78 Apt Elev 79

RNAV (GPS) RWY 22
MONROE RGNL (MLU)

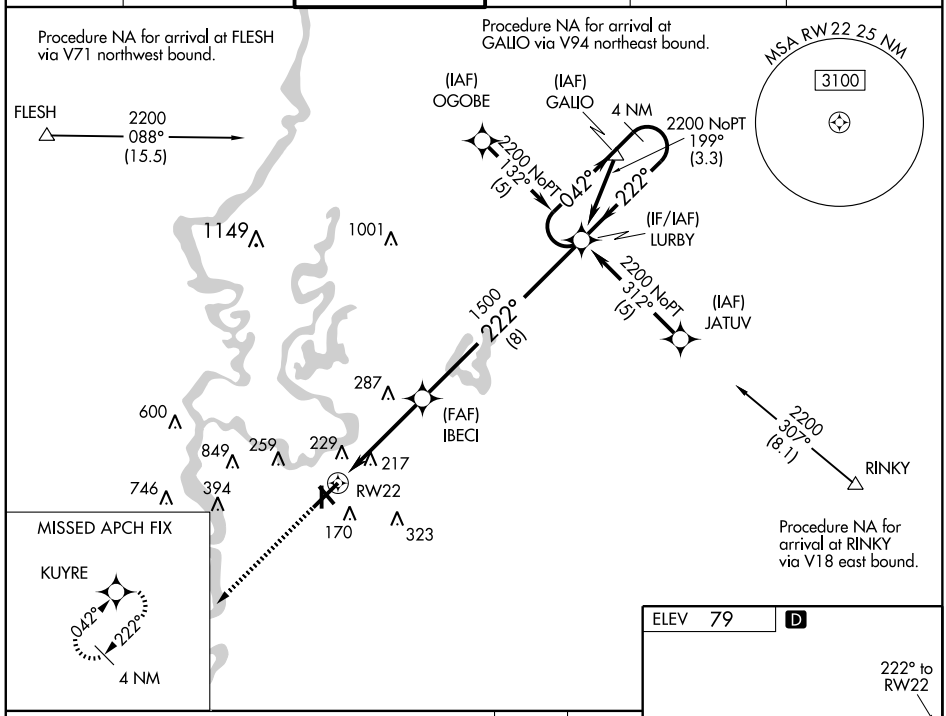
ASR

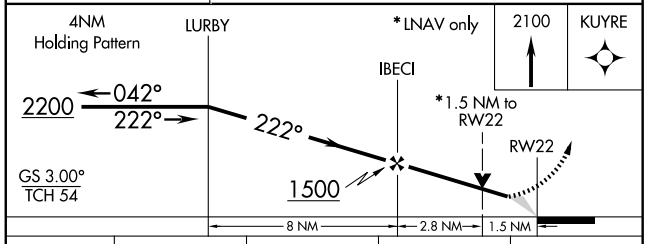
For inoperative MALSR, increase LPV all Cats visibility to 1 mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA.

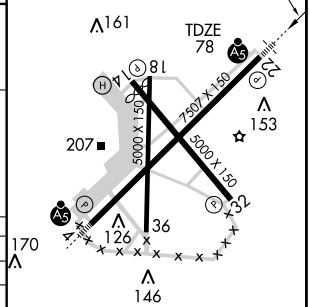
MALSR

MISSED APPROACH: Climb to 2100 direct KUYRE and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95







CATEGORY	A	B	C	D
LPV DA	372-½ 294 (300-½)			
LNAV/VNAV DA	514-1 436 (500-1)			
LNAV MDA	600-½ 522 (600-½)		600-1 522 (600-1)	600-1¼ 522 (600-1¼)
CIRCLING	600-1 521 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)

REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU 117.2 Chan 119	APP CRS 034°	Rwy Idg 7507 TDZE 78 Apt Elev 79

VOR/DME RWY 4

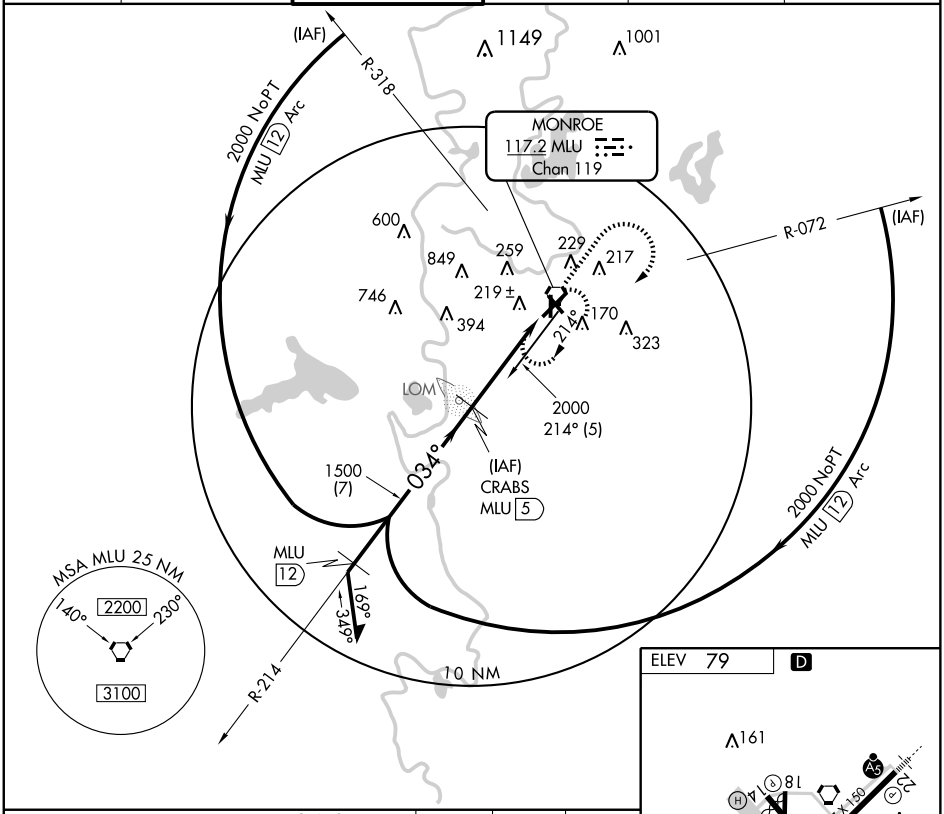
MONROE RGNL (MLU)

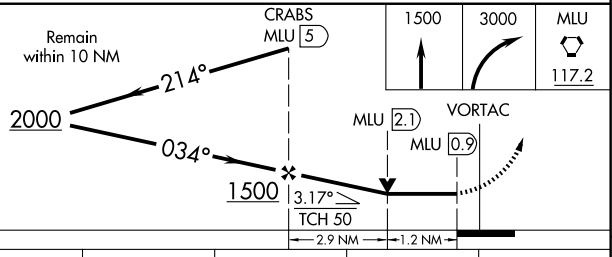
ASR

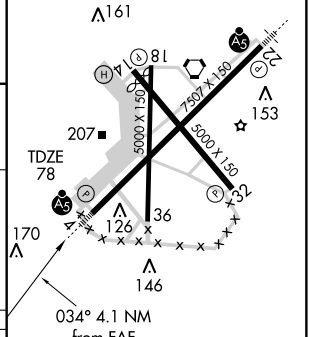
MALSR

MISSED APPROACH: Climb to 1500, then climbing right turn to 3000 direct MLU VORTAC and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95







CATEGORY	A	B	C	D
S-4	520/24 442 (500-½)		520-40 442 (500-¾)	520-50 442 (500-1)
CIRCLING	580-1 501 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)

REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU	APP CRS	Rwy Idg	7507
117.2	240°	TDZE	78
Chan 119		Apt Elev	79

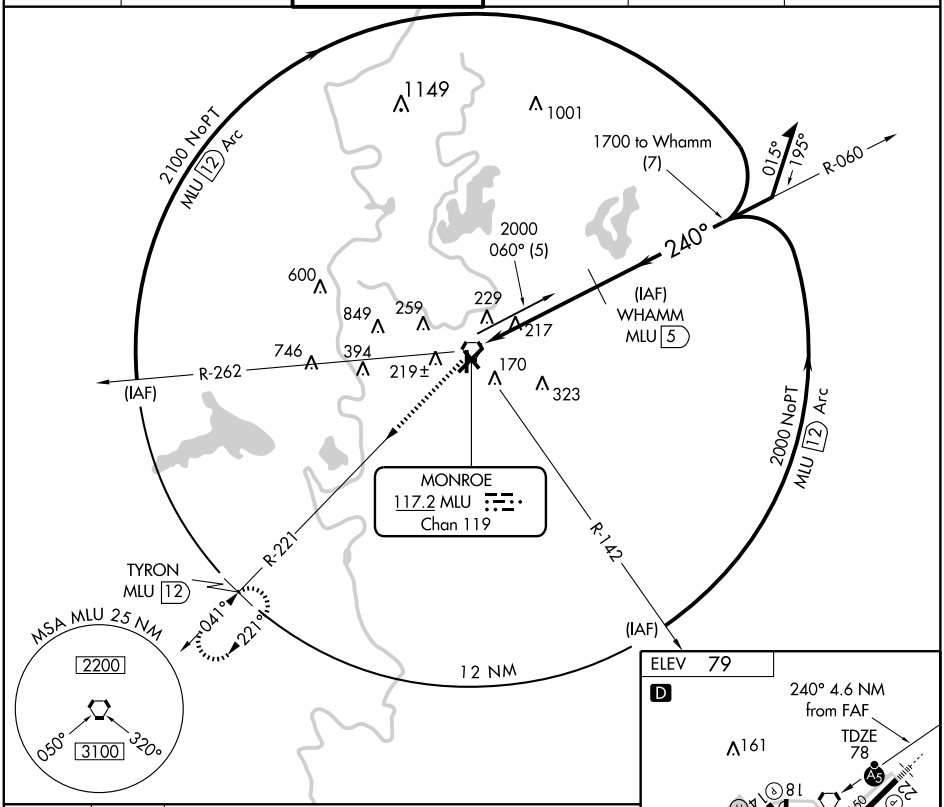
VOR/DME RWY 22
MONROE RGNL (MLU)

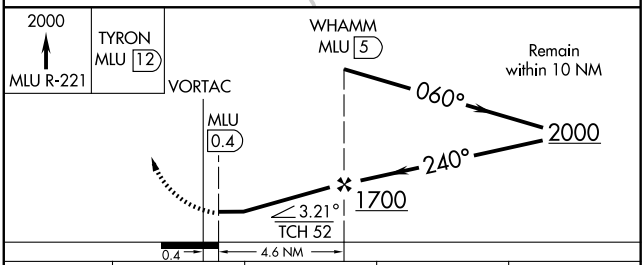
Inoperative table does not apply.
ASR

MALSR

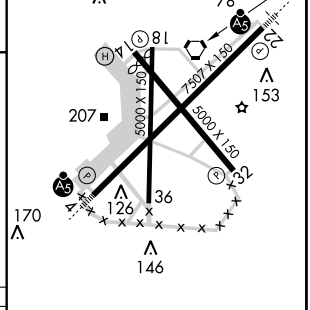
MISSED APPROACH: Climb to 2000 via MLU R-221 to TYRON Int/12 DME and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95





CATEGORY	A	B	C	D
S-22	480-1	402 (500-1)	480-1¼	402 (500-1¼)
CIRCLING	580-1	501 (600-1)	620-1½ 541 (600-1½)	640-2 561 (600-2)



REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU	APP CRS	Rwy Idg	5000
117.2	328°	TDZE	78
Chan 119		Apt Elev	79

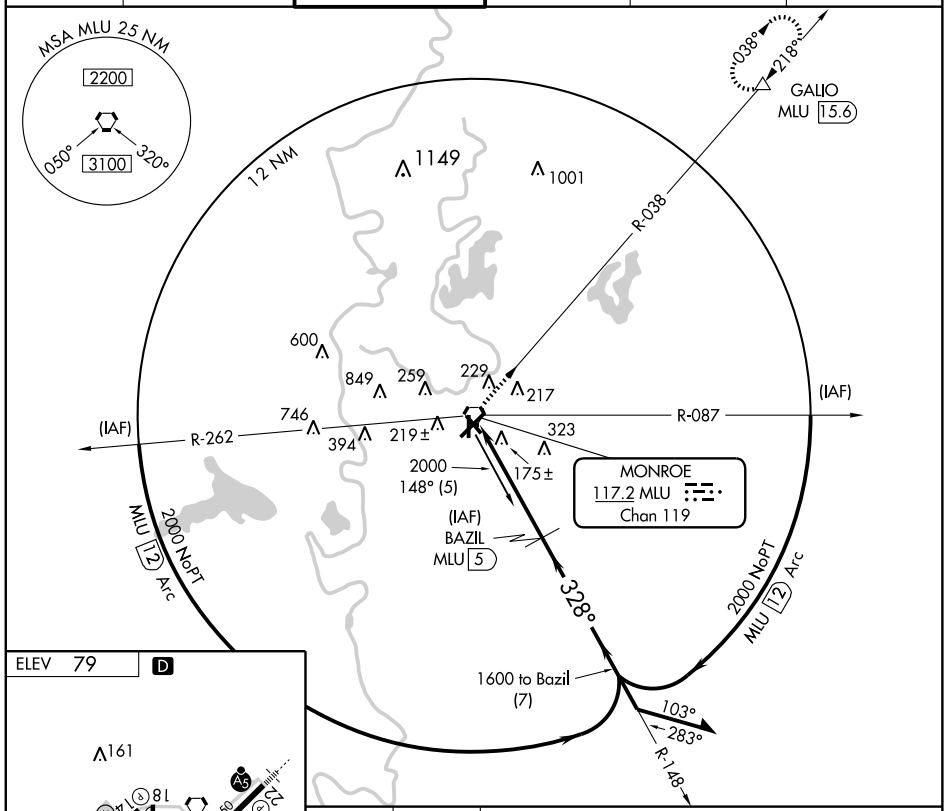
VOR/DME RWY 32

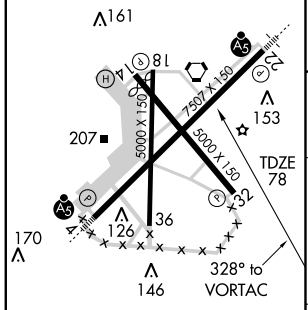
MONROE RGNL (MLU)

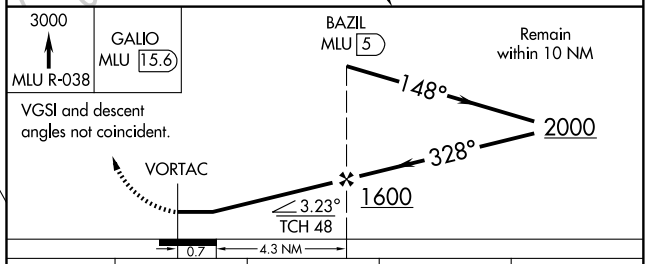
ASR

MISSED APPROACH: Climb to 3000 via MLU R-038 to GALIO Int/15.6 DME and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95







REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L

CATEGORY	A	B	C	D
S-32	460-1 382 (400-1)			460-1¼ 382 (400-1¼)
CIRCLING	580-1 501 (600-1)		620-1½ 541 (600-1½)	640-2 561 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU 117.2 Chan 119	APP CRS 034°	Rwy Idg 7507 TDZE 78 Apt Elev 79

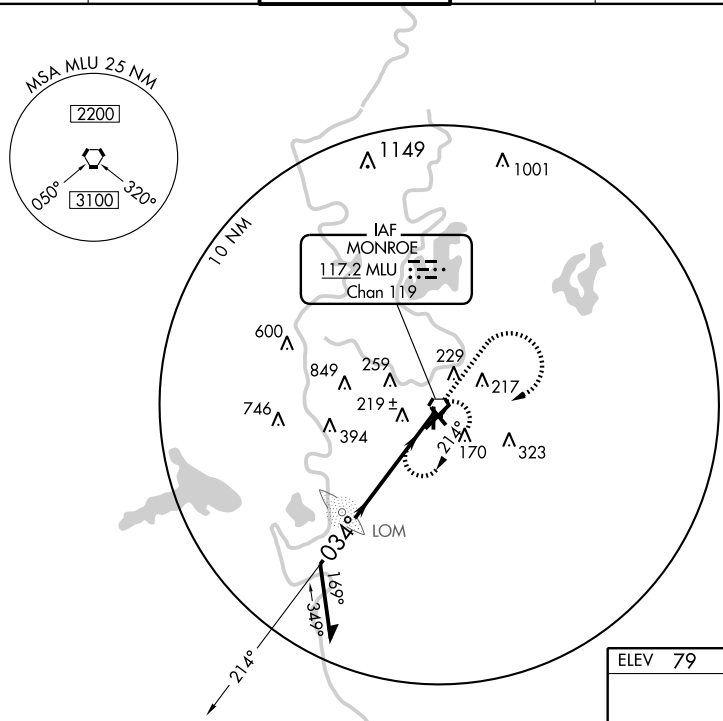
VOR RWY 4
MONROE RGNL (MLU)

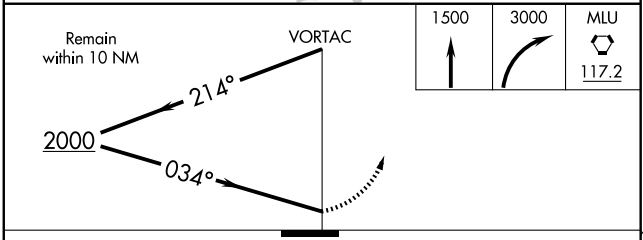
ASR

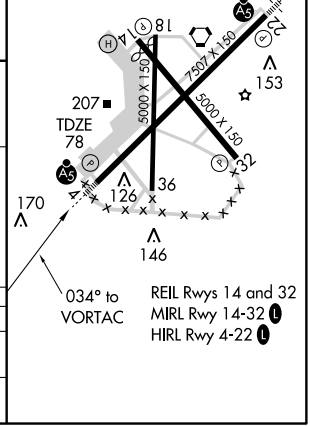
MALSR

MISSED APPROACH: Climb to 1500 then right climbing turn to 3000 direct MLU VORTAC and hold.

ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95







CATEGORY	A	B	C	D
S-4	600/24	522 (600-½)	600-50 522 (600-1)	600-60 522 (600-1¼)
CIRCLING	600-1	521 (600-1)	620-1½ 541 (600-1½)	640-2 561 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU	APP CRS	Rwy Idg	7507
117.2	237°	TDZE	78
Chan 119		Apt Elev	79

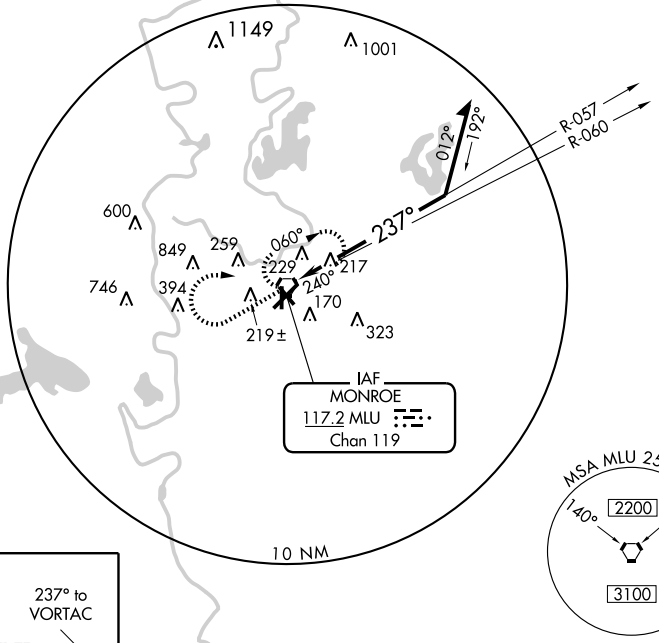
VOR RWY 22
MONROE RGNL (MLU)

ASR For inoperative MALSR increase S-22 Cat A and B visibility to 1 mile.

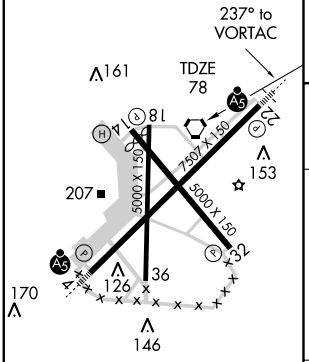
MALSR

MISSED APPROACH: Climb to 2000, then climbing right turn to 3000 direct MLU VORTAC and hold.

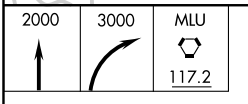
ATIS	MONROE APP CON ★	MONROE TOWER ★	GND CON	CLNC DEL	UNICOM
125.05	126.9 307.9	118.9 (CTAF) L 257.8	121.9	121.65	122.95

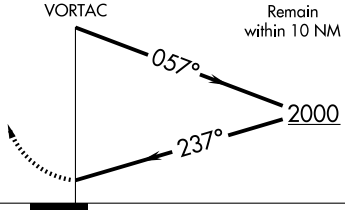


ELEV 79 D



REIL Rwys 14 and 32
MIRL Rwy 14-32 L
HIRL Rwy 4-22 L





CATEGORY	A	B	C	D
S-22	640-¾ 562 (600-¾)		640-1 562 (600-1)	640-1¾ 562 (600-1¾)
CIRCLING	640-1 561 (600-1)		640-1½ 561 (600-1½)	640-2 561 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-IER	APP CRS	Rwy Idg	5003
110.5	342°	TDZE	121
		Apt Elev	121

LOC RWY 35

NATCHITOCHES RGNL (IER)

NA

ODALS

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct OOC NDB and hold.

AWOS-3	POLK APP CON	GCO	UNICOM
119.025	125.4 302.2	135.075	122.8 (CTAF) L

ADF REQUIRED

LOCALIZER 110.5
I-IER

MSA OOC 25 NM
2600

10 NM

MARTA
2000
105°
(24.3)

712±
659
480
498
510
335
454
415
385
298
506
304
459
286±
818
475

IAF
NATCHITOCHES
407 OOC

162°
1 min
342°

162°
1700
342° (7.1)

844

SATCH
INT

R-299

162°

IAF
ALEXANDRIA
116.1 AEX
Chan 108

3000 NoPT
299°
(32.7)

R-3801A

ELEV 121

MIRL Rwys 7-25 and 17-35 L
REIL Rwy 17 L

4000 X 100
17
25
7
5003 X 150
TDZE
121
35

342° 4.2 NM
from FAF

1000	2000	OOC
		407

NDB

One Minute
Holding Pattern

162°
342°
2000

342°
1700

3.42°
TCH 45

VGSI and descent angles not coincident.

4.2 NM

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

CATEGORY	A	B	C	D
S-35	500-¾ 379 (400-¾)			NA
CIRCLING	740-1 619 (700-1)		740-1¾ 619 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB OOC	APP CRS	Rwy Idg	5003
407	343°	TDZE	121
		Apt Elev	121

NDB RWY 35

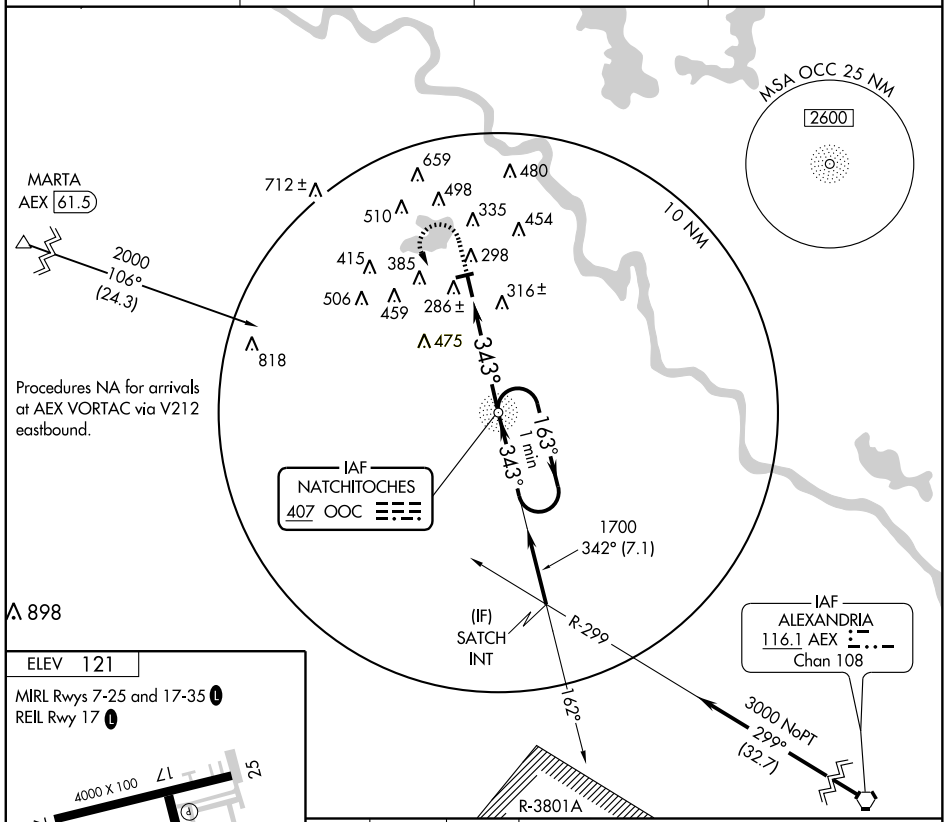
NATCHITOCHES RGNL (IER)

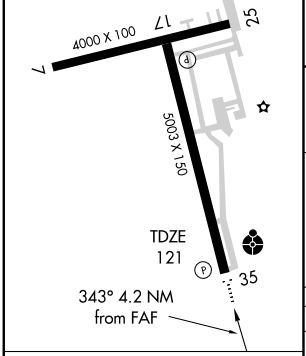
T NA — Inoperative table does not apply. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alexandria Intl altimeter setting and increase all MDA 100 feet and S-35/Circling Cat C visibility to 2 miles.

ODALS

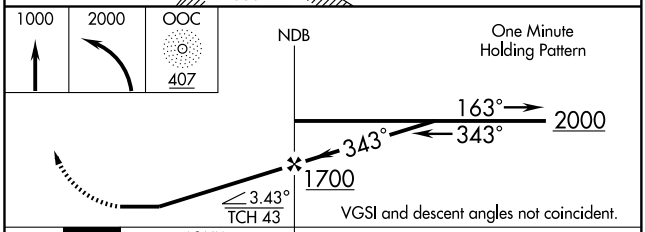
MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct OOC NDB and hold.

AWOS-3	POLK APP CON	GCO	UNICOM
119.025	125.4 302.2	135.075	122.8 (CTAF) L





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-35	720-1	599 (600-1)	720-1½ 599 (600-1½)	NA
CIRCLING	740-1	619 (700-1)	740-1¾ 619 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5003
CH 77810	162°	TDZE	117
W17A		Apt Elev	121

RNAV (GPS) RWY 17

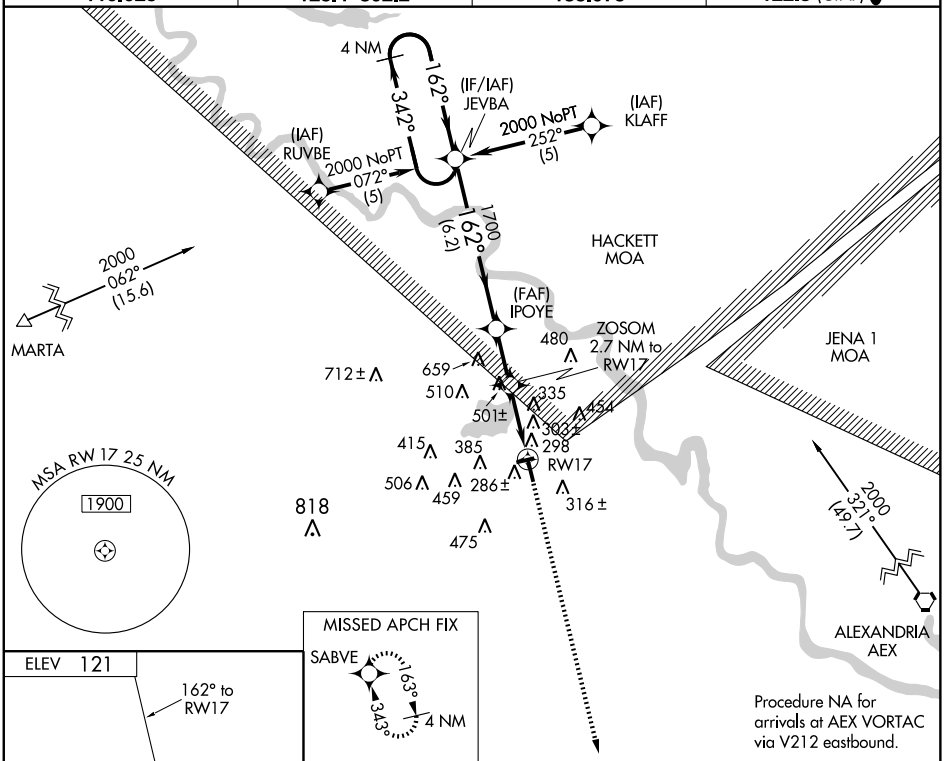
NATCHITOCHES RGNL (IER)

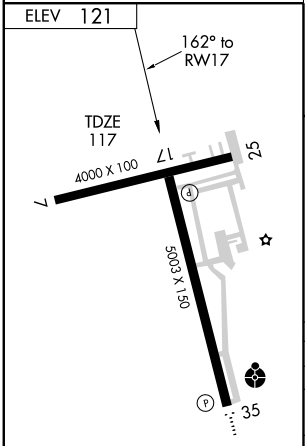
Baro-VNAV NA when using Alexandria Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alexandria Intl altimeter setting and increase all DA/MDA 100 feet and all visibilities ½ mile.

NA

MISSED APPROACH: Climb to 2000 direct SABVE and hold.

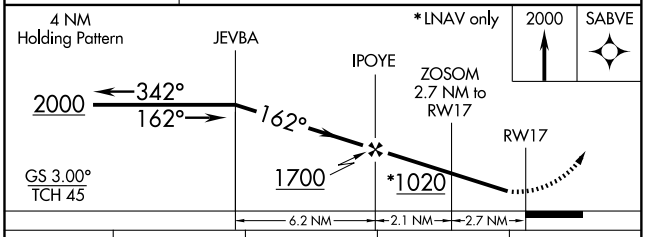
AWOS-3	POLK APP CON	GCO	UNICOM
119.025	125.4 302.2	135.075	122.8 (CTAF) L





REIL Rwy 17 L

MIRL Rwys 7-25 and 17-35 L



CATEGORY	A	B	C	D
LPV DA	420-1	303 (300-1)		NA
LNAV/VNAV DA	657-2	540 (600-2)		NA
LNAV MDA	760-1	643 (700-1)	760-1¾ 643 (700-1¾)	NA
CIRCLING	760-1	639 (700-1)	760-1¾ 639 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 5003
CH 86510	342°	TDZE 121
W35A		Apt Elev 121

RNAV (GPS) RWY 35

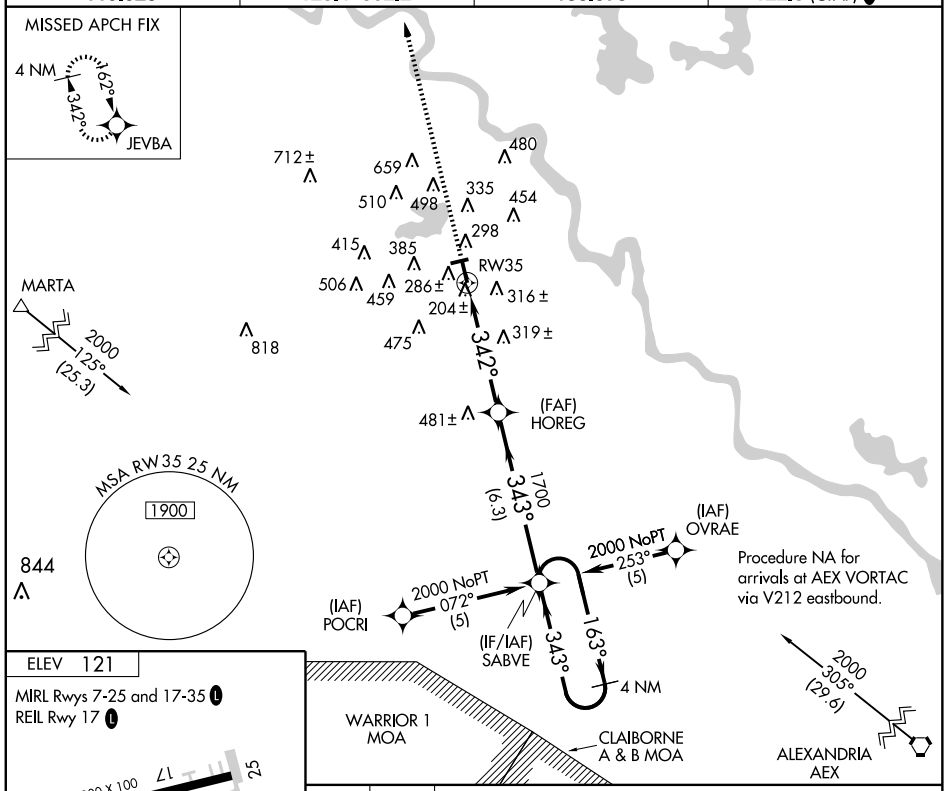
NATCHITOCHES RGNL (IER)

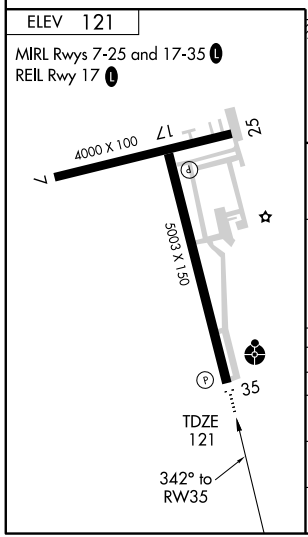
Inoperative table does not apply. Baro-VNAV NA when using Alexandria Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV-VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alexandria Intl altimeter setting and increase all DA 91 feet and all MDA 100 feet. Increase LPV and LNAV/VNAV all Cats, LNAV Cat C and circling Cat C visibility ¼ mile.

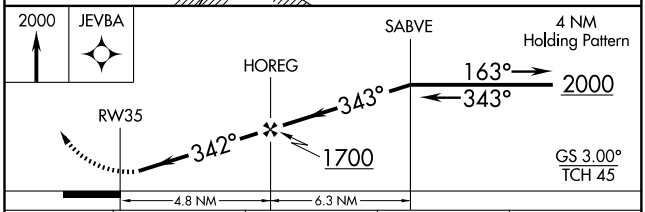
ODALS

MISSED APPROACH: Climb to 2000 direct JEVBA and hold.

AWOS-3	POLK APP CON	GCO	UNICOM
119.025	125.4 302.2	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	371-1 250 (300-1)			NA
LNAV/VNAV DA	618-1¾ 497 (500-1¾)			NA
LNAV MDA	620-1 499 (500-1)		620-1¼ 499 (500-1¼)	NA
CIRCLING	680-1 559 (600-1)	740-1 619 (700-1)	740-1¾ 619 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

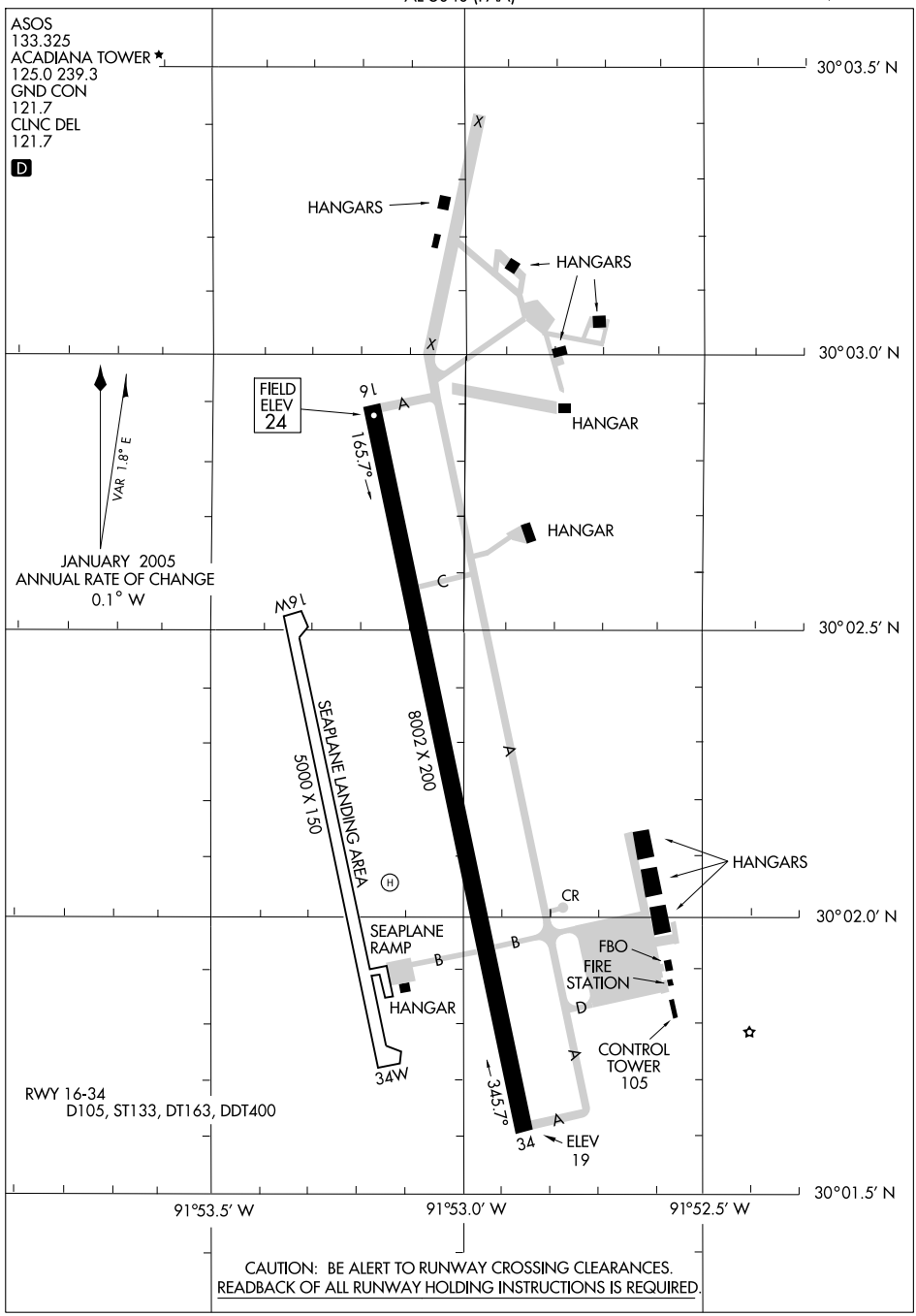
AL-5040 (FAA)

NEW IBERIA/ACADIANA RGNL (ARA)

NEW IBERIA, LOUSIANA

ASOS
133.325
ACADIANA TOWER ★
125.0 239.3
GND CON
121.7
CLNC DEL
121.7

D



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-ARA	APP CRS	Rwy Idg	8002
108.9	345°	TDZE	21
		Apt Elev	24

ILS RWY 34

NEW IBERIA/ACADIANA RGNL (ARA)

⚠ When control tower closed, use Lafayette Rgnl altimeter setting.

MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 via heading 080° and LFT R-114 to CLYNT Int/LFT 18.8 DME and hold.

LAFAYETTE APP CON ★	ACADIANA TOWER ★	GND CON	CLNC DEL	UNICOM
121.1 268.7	125.0 (CTAF) L A5 239.3	121.7	121.7 122.7 L ★	122.95

ADF REQUIRED

LAFAYETTE 109.8 LFT Chan 35

3000 152° (15.7)

1049 ROSEY

2000 199° (23.2)

116.5 BTR Chan 112

R-114

R-211

CLYNT LFT 18.8

294°

114°

LOCALIZER 108.9 I-ARA

604 297 131 282 279 540 281 463

IAF ACADI 269 AR

1 min 165° 345°

MSA AR 25 NM

2800 262° 16000 352°

10 NM

15000

ELEV 24 D

HIRL Rwy 16-34 L

MIRL Rwy 16W-34W L ★

8002 X 200

5000 X 150

Seaplane Landing Area

16W 34W TDZE 21 34

131 103 105

345° 4.3 NM from FAF

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

800 2000 HDG 080° LFT R-114 CLYNT LFT 18.8

NDB 1468

One Minute Holding Pattern

165° 345° 1700

345° 1500

GS 3.00° TCH 51

4.3 NM

CATEGORY	A	B	C	D
S-ILS 34	221-½ 200 (200-½)			
S-LOC 34	380-½ 359 (400-½)			380-¾ 359 (400-¾)
CIRCLING	460-1 436 (500-1)	480-1 456 (500-1)	480-1½ 456 (500-1½)	580-2 556 (600-2)
LAFAYETTE RGNL ALTIMETER SETTING MINIMUMS				
S-ILS 34	250-½ 229 (300-½)			
S-LOC 34	400-½ 379 (400-½)			400-¾ 379 (400-¾)
CIRCLING	460-1 436 (500-1)	520-1 496 (500-1)	520-1½ 496 (500-1½)	620-2 596 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82501 W16A	APP CRS 165°	Rwy Idg 8002 TDZE 24 Apt Elev 24

RNAV (GPS) RWY 16

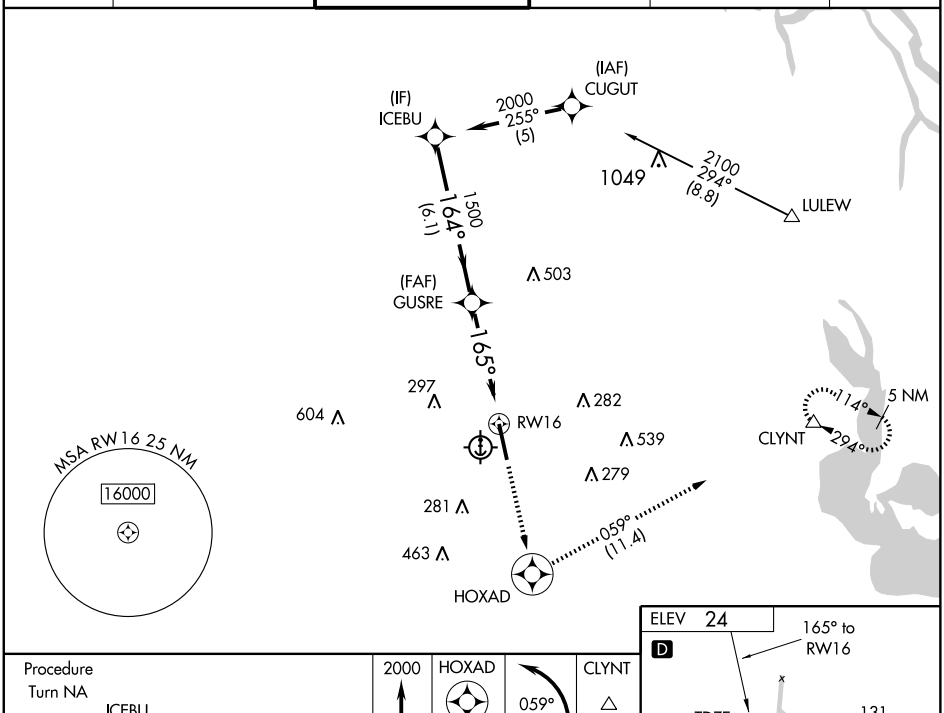
NEW IBERIA/ACADIANA RGNL (ARA)

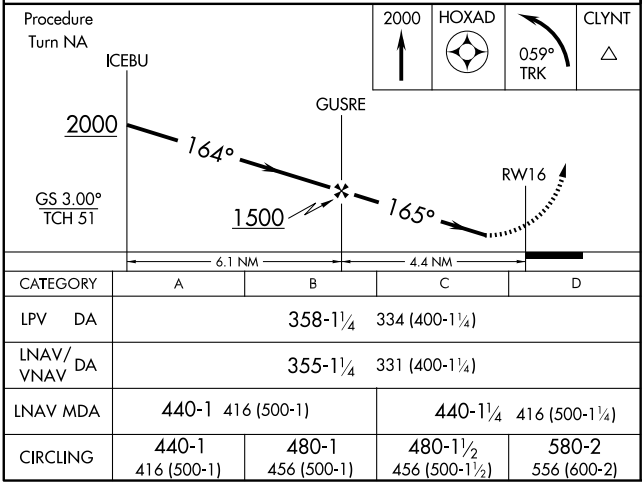
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For uncompensated BARO-VNAV system, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). When local altimeter setting not received, use Lafayette altimeter setting and increase all DA/MDA 40 feet and increase visibility LNAV Cat D ¼ mile. BARO-VNAV NA when using Lafayette altimeter setting. Inoperative table does not apply.

ODALS

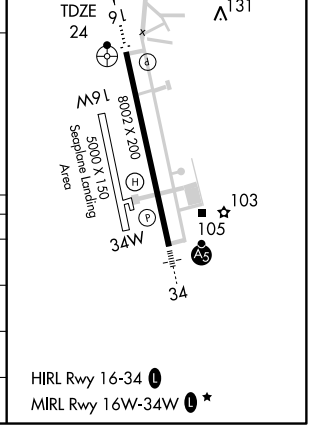
MISSED APPROACH: Climb to 2000 direct HOXAD and left turn via 059° track to CLYNT and hold.

ASOS	LAFAYETTE APP CON ★	ACADIANA TOWER ★	GND CON	CLNC DEL	UNICOM
133.325	121.1 268.7	125.0 (CTAF) L A5 239.3	121.7	121.7 122.7 L ★	122.95





CATEGORY	A	B	C	D
LPV DA	358-1¼ 334 (400-1¼)			
LNAV/VNAV DA	355-1¼ 331 (400-1¼)			
LNAV MDA	440-1 416 (500-1)		440-1¼ 416 (500-1¼)	
CIRCLING	440-1 416 (500-1)	480-1 456 (500-1)	480-1½ 456 (500-1½)	580-2 556 (600-2)



HIRL Rwy 16-34 L
MIRL Rwy 16W-34W L ★

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH **40301** **W34A**	APP CRS **345°**	Rwy Idg **8002** TDZE **21** Apt Elev **24**

RNAV (GPS) RWY 34

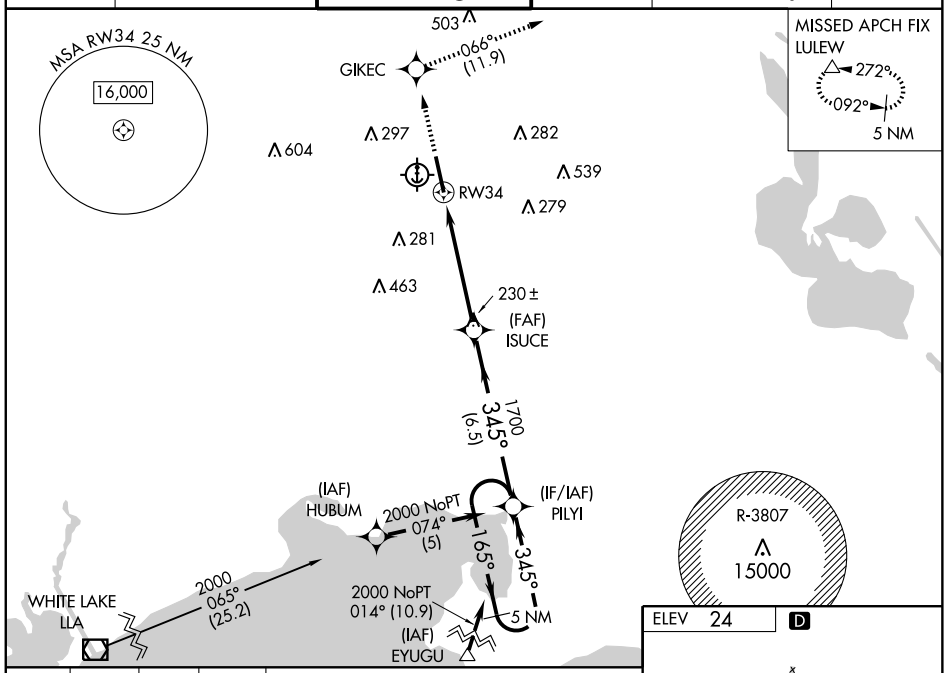
NEW IBERIA/ACADIANA RGNL (ARA)

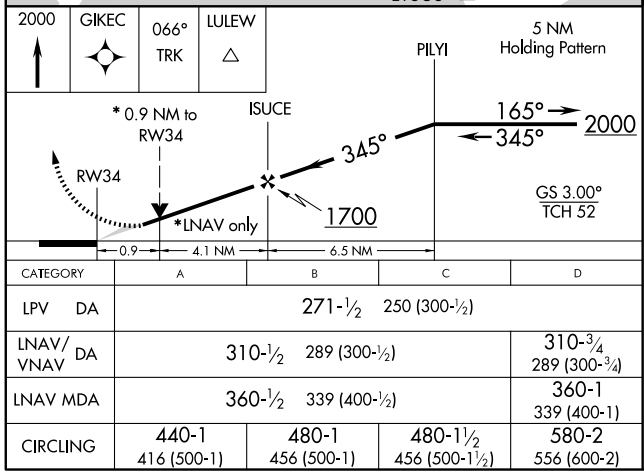
DME/DME RNP-0.3 NA. BARO-VNAV and VDP NA when using Lafayette altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (120°F). If local altimeter setting not received, use Lafayette altimeter setting and increase all DAs/MDAs 40 feet. For inoperative MALSR increase LPV all Cats visibility to ¾, and LNAV/VNAV Cat D to 1. Inoperative table does not apply to LNAV Cat D.

MALSR

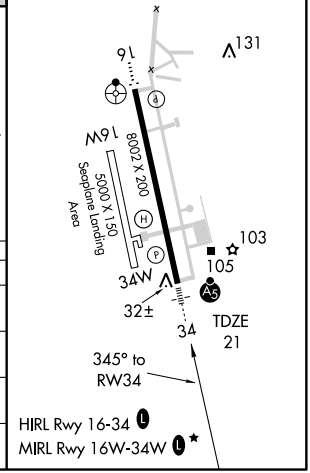
MISSED APPROACH: Climb to 2000 direct GIKEC and via 066° track to LULEW and hold.

ASOS	LAFAYETTE APP CON ★	ACADIANA TOWER ★	GND CON	CLNC DEL	UNICOM
133.325	121.1 268.7	125.0 (CTAF) L A5 239.3	121.7	121.7 122.7 L ★	122.95





CATEGORY	A	B	C	D
LPV DA	271-½ 250 (300-½)			
LNAV/VNAV DA	310-½ 289 (300-½)			310-¾ 289 (300-¾)
LNAV MDA	360-½ 339 (400-½)			360-1 339 (400-1)
CIRCLING	440-1 416 (500-1)	480-1 456 (500-1)	480-1½ 456 (500-1½)	580-2 556 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LFT	APP CRS	Rwy Idg	8002
109.8	328°	TDZE	21
Chan 35		Apt Elev	24

VOR/DME RWY 34

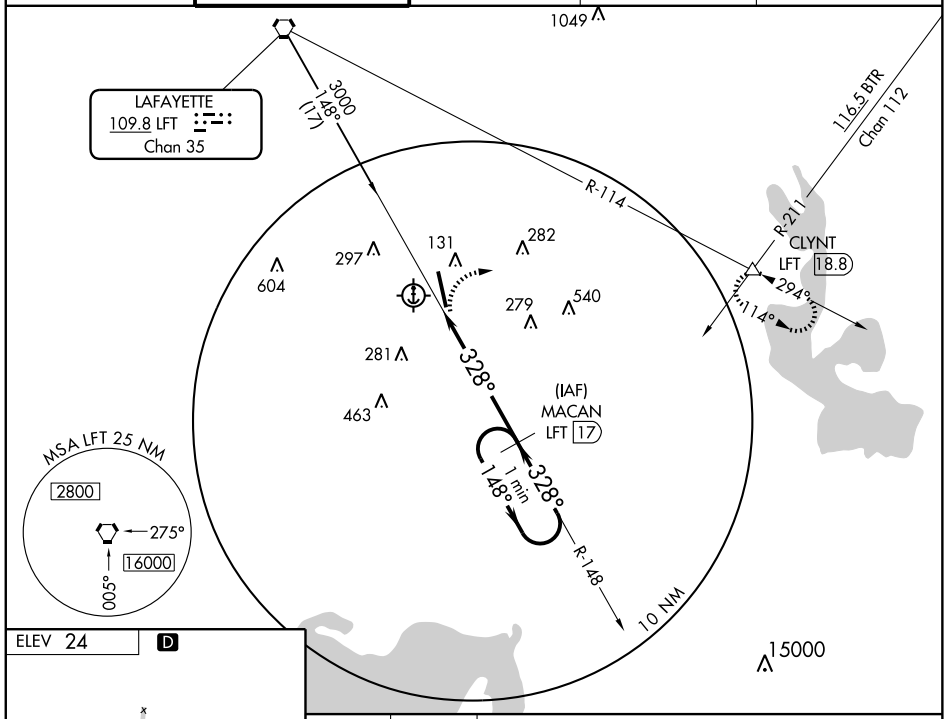
NEW IBERIA/ACADIANA RGNL (ARA)

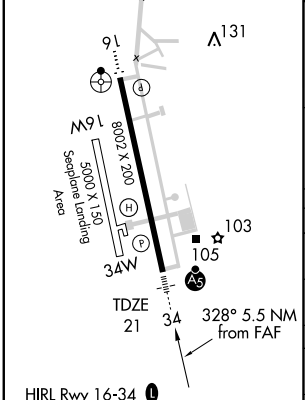
⚠ When control tower closed, use Lafayette Rgnl altimeter setting. Local altimeter setting: S-34 inoperative table does not apply to Cat D. Lafayette Rgnl setting altimeter setting minimum: For inoperative MALSR increase S-34 Cats A/B visibility to 1. Inoperative table does not apply to Cat D.

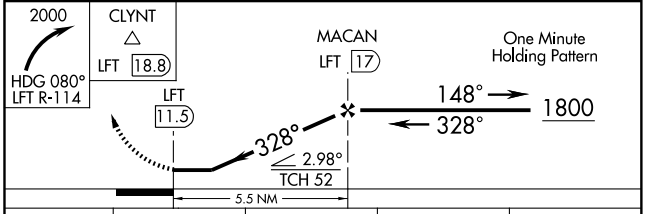
MALSR (A5)

MISSED APPROACH: Climbing right turn to 2000 via heading 080° and LFT R-114 to CLYNT Int/LFT 18.8 DME and hold.

LAFAYETTE APP CON ★	ACADIANA TOWER ★	GND CON	CLNC DEL	UNICOM
121.1 268.7	125.0 (CTAF) L A5 239.3	121.7	121.7 122.7 L ★	122.95







CATEGORY	A	B	C	D
S-34	500-½	479 (500-½)	500-¾ 479 (500-¾)	500-1½ 479 (500-1½)
CIRCLING	500-1	476 (500-1)	500-1½ 476 (500-1½)	580-2 556 (600-2)
LAFAYETTE RGNL ALTIMETER SETTING MINIMUMS				
S-34	520-¾	499 (500-¾)		520-1½ 499 (500-1½)
CIRCLING	520-1	496 (500-1)	520-1½ 496 (500-1½)	620-2 596 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LFT	APP CRS	Rwy Idg	8002
109.8	145°	TDZE	24
Chan 35		Apt Elev	24

VOR or TACAN RWY 16

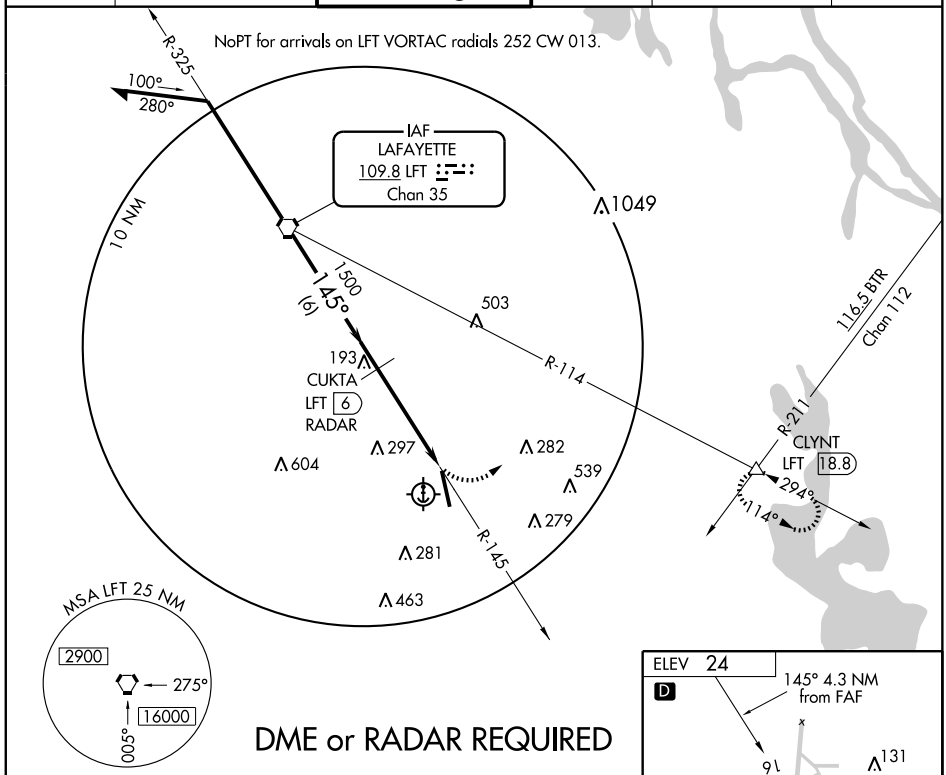
NEW IBERIA/ACADIANA RGNL (ARA)

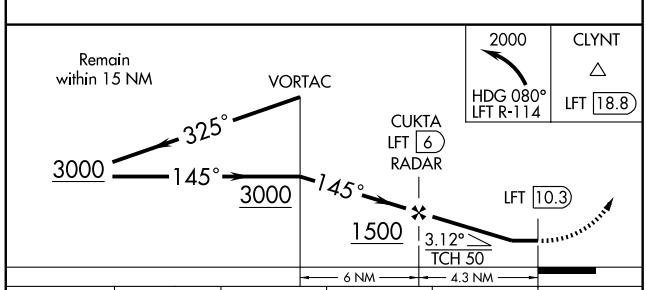
Visibility reduction by helicopters NA. DME or RADAR required. When local altimeter setting not received, use Lafayette altimeter setting and increase all MDA 40 feet and increase visibility S-16 Cat D ¼ mile. Inoperative table does not apply.

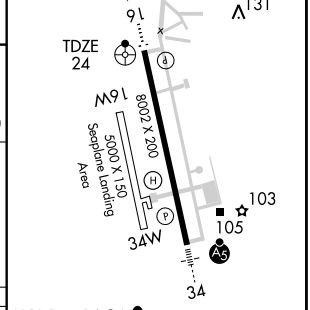
ODALS

MISSED APPROACH: Climbing left turn to 2000 via heading 080° and LFT R-114 to CLYNT Int/18.8 DME and hold.

ASOS	LAFAYETTE APP CON ★	ACADIANA TOWER ★	GND CON	CLNC DEL	UNICOM
133.325	121.1 268.7	125.0 (CTAF) L A-S 239.3	121.7	121.7 122.7 L ★	122.95







CATEGORY	A	B	C	D	E
S-16	440-1	416 (500-1)	440-1¼ 416 (500-1¼)	440-1½	416 (500-1½)
CIRCLING	440-1 416 (500-1)	480-1 456 (500-1)	480-1½ 456 (500-1½)	580-2 556 (600-2)	840-3 816 (900-3)

HIRL Rwy 16-34 L
MIRL Rwy 16W-34W L ★

FAF to MAP 4.3 NM

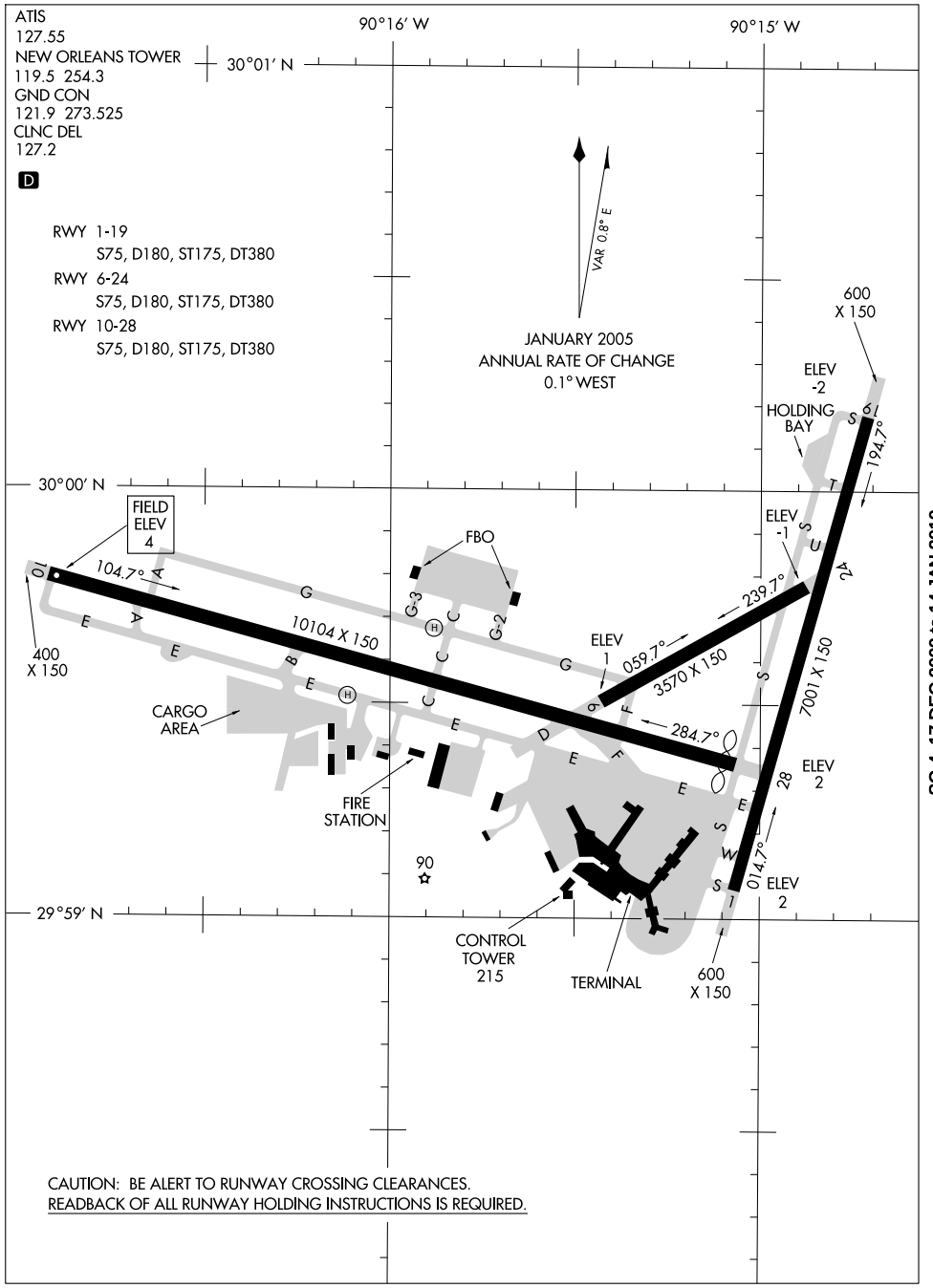
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-4, 17 DEC 2009 to 14 JAN 2010

09351

AIRPORT DIAGRAM

NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)
AL-609 (FAA)
NEW ORLEANS, LOUISIANA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AWDAD SIX ARRIVAL

NEW ORLEANS, LOUISIANA

NEW ORLEANS APP CON
125.5 350.35
LOUIS ARMSTRONG NEW ORLEANS INTL ATIS
127.55

BATON ROUGE TRANSITION (BTR.AWDAD6): From over BTR VORTAC via BTR R-135 to AWDAD INT. Thence. . . .

LAFAYETTE TRANSITION (LFT.AWDAD6): From over LFT VOTRAC via LFT R-092 and RQR R-273 to AWDAD INT. Thence. . . .

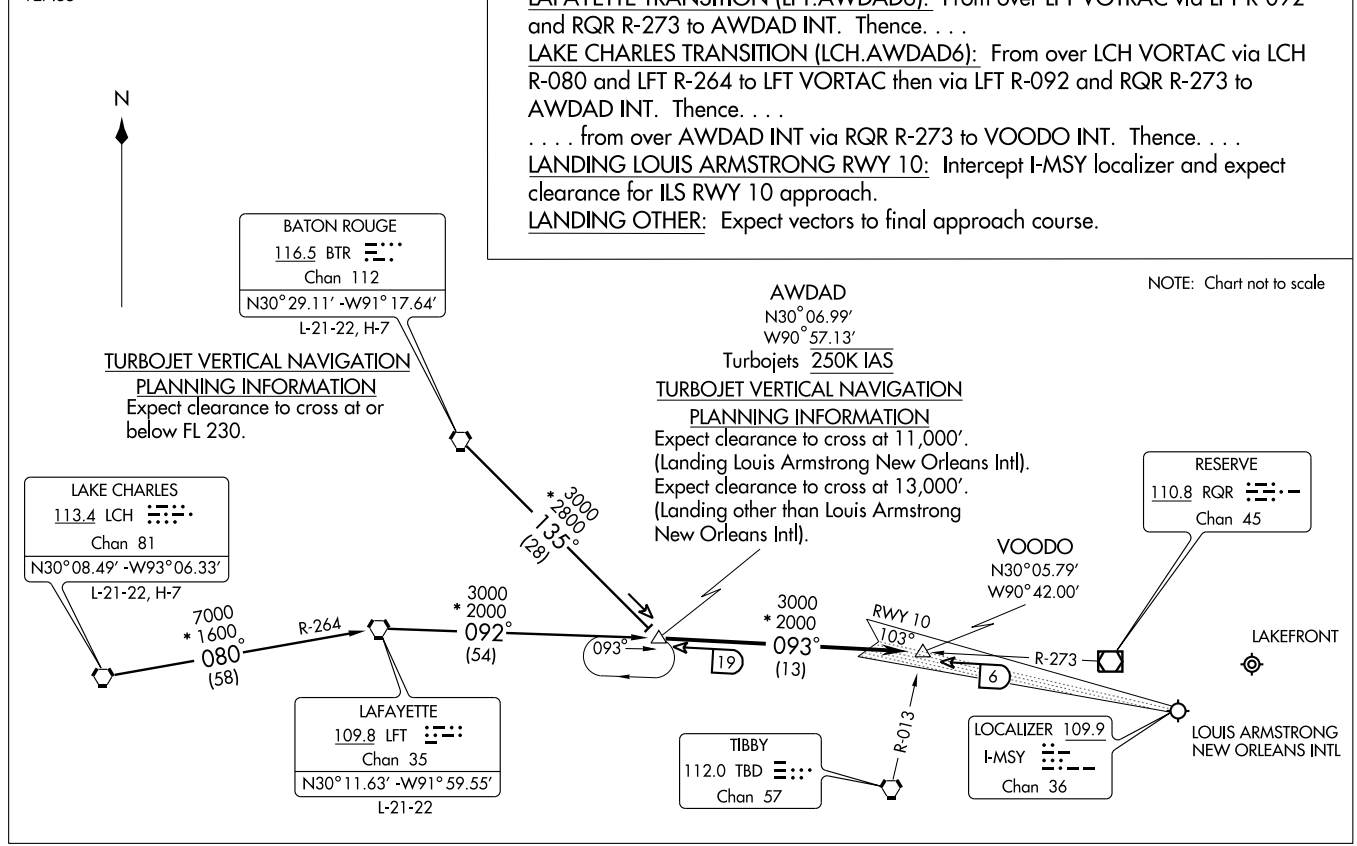
LAKE CHARLES TRANSITION (LCH.AWDAD6): From over LCH VORTAC via LCH R-080 and LFT R-264 to LFT VORTAC then via LFT R-092 and RQR R-273 to AWDAD INT. Thence. . . .

. . . . from over AWDAD INT via RQR R-273 to VOODO INT. Thence. . . .

LANDING LOUIS ARMSTRONG RWY 10: Intercept I-MSY localizer and expect clearance for ILS RWY 10 approach.

LANDING OTHER: Expect vectors to final approach course.

NOTE: Chart not to scale



NEW ORLEANS, LOUISIANA

AL-609 (FAA)

LOC/DME I-JFI	APP CRS	Rwy Idg	7001
111.7	013°	TDZE	3
Chan 54		Apt Elev	4

ILS or LOC RWY 1

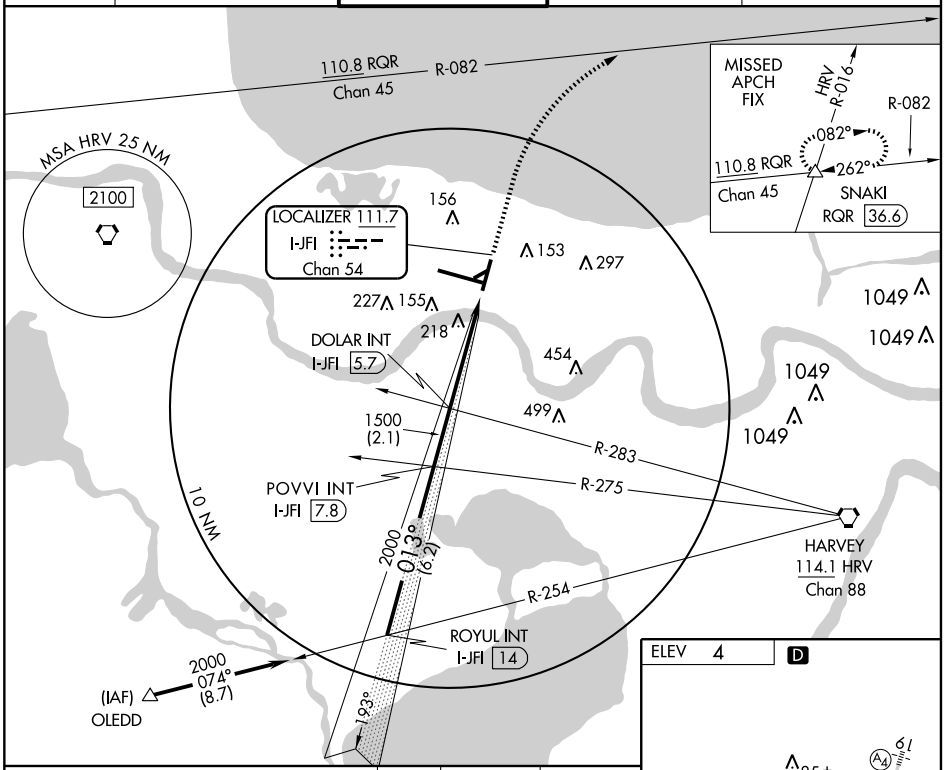
NEW ORLEANS/LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

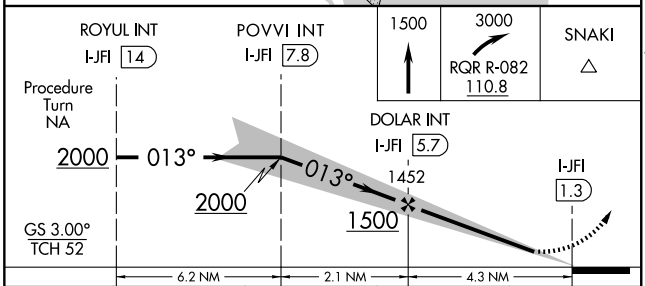
ASR

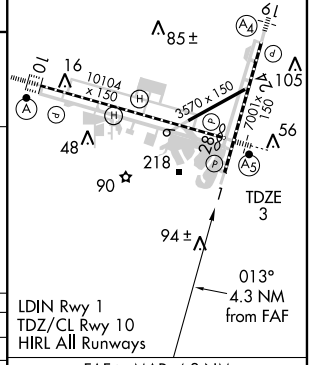
Autopilot coupled approach NA below 636.

MISSED APPROACH: Climb to 1500, then climbing right turn to 3000 via RQR R-082 to SNAKI Int/RQR 36.6 DME and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2







CATEGORY	A	B	C	D
S-ILS 1	381/60	378 (400-1¼)		
S-LOC 1	420/50	417 (500-1)	420/60	417 (500-1¼)
CIRCLING	520-1¼	516 (600-1¼)	520-1½	580-2
			516 (600-1½)	576 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MSY	APP CRS	Rwy Idg	10104
109.9	103°	TDZE	4
Chan 36		Apt Elev	4

ILS or LOC RWY 10

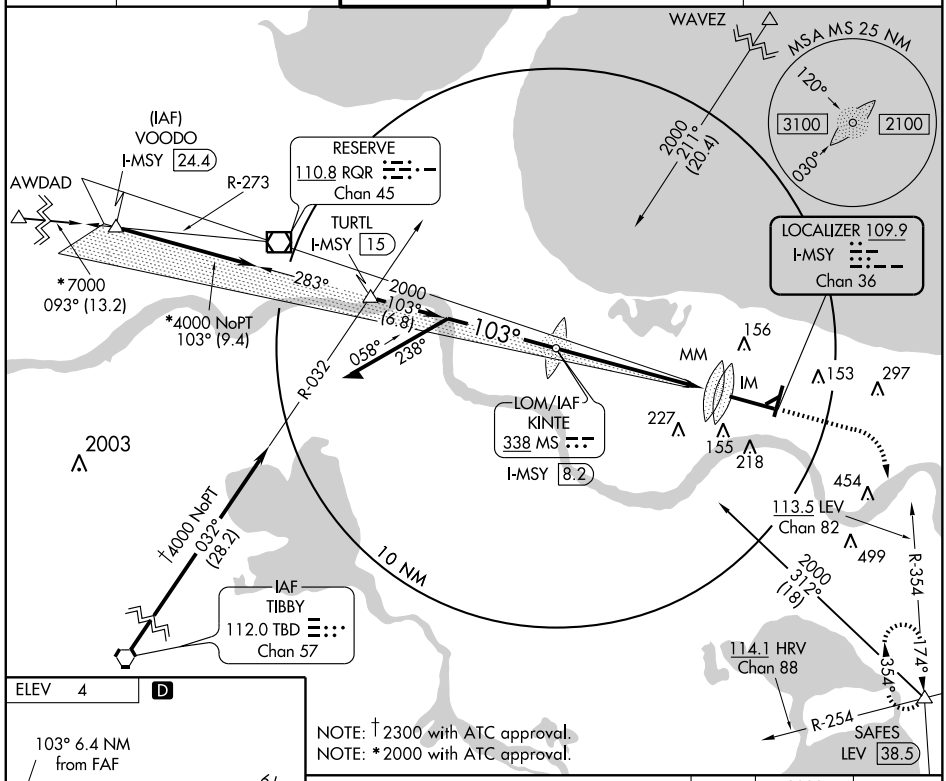
NEW ORLEANS/LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

ASR # 49 MSL pole located 793 feet right of Rwy 10 centerline.

ALSF2

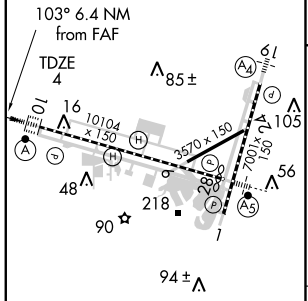
MISSED APPROACH: Climb to 800, then climbing right turn to 2000 via heading 158° and LEV R-354 to SAFES Int/LEV 38.5 DME and hold. #

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2



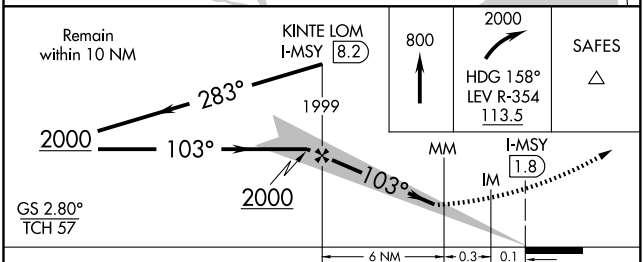
NOTE: †2300 with ATC approval.
NOTE: *2000 with ATC approval.

ELEV 4 D



LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

FAF to MAP 6.4 NM					
Knots	60	90	120	150	180
Min:Sec	6:24	4:16	3:12	2:34	2:08



CATEGORY	A	B	C	D
S-ILS 10	204/18	200 (200- ½)		
S-LOC 10	360/24	356 (400- ½)		360/40 356 (400- ¾)
CIRCLING	520-1	516 (600-1)	520-1½ 516 (600-1½)	580-2 576 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NEW ORLEANS, LOUISIANA

LOC/DME I-HOX	APP CRS	Rwy Idg	9800
109.9	283°	TDZE	3
Chan 36		Apt Elev	4

NEW ORLEANS/
LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

ILS or LOC RWY 28

ASR

DME or RADAR required. Autopilot coupled approach NA below 620 MSL.

MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct RQR VOR/DME and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2

MISSED APCH FIX
RESERVE
110.8 RQR
Chan 45
093°
R-273
273°

MSA HRV 25 NM
2100

10 NM

LOM
KINTE
338 MS

LOCALIZER 109.9
I-HOX
Chan 36

R-331

(IF)
HELMT INT
I-HOX 10.3
RADAR

ZUTAT
I-HOX 4.3
RADAR

1500
283°
(6)
103°

156 153 297 155 227 218 235± 454 499 1049 1049 1049 1049

*3000 to HELMT
331° (6.2)

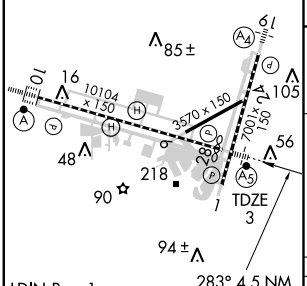
IAF
HARVEY
114.1 HRV
Chan 88

ALTERNATE
MISSED APCH FIX
(ADF required)
103°
283°
KINTE LOM
338 MS

*2100 when authorized by ATC.

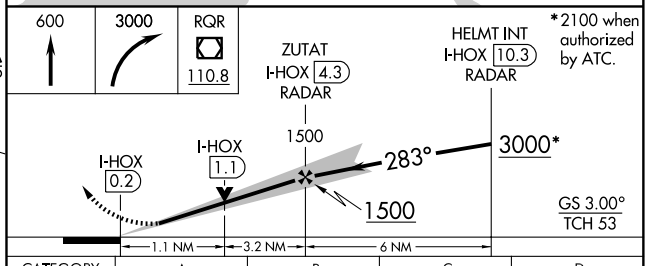
RADAR REQUIRED

ELEV 4 D



LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

283° 4.5 NM from FAF



CATEGORY	A	B	C	D
S-ILS 28	203/24 200 (200-½)			
S-LOC 28	440/24 437 (500-½)		440/40 437 (500-¾)	440/50 437 (500-1)
CIRCLING	520-1 516 (600-1)		520-1½ 516 (600-1½)	580-2 576 (600-2)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MSY	APP CRS	Rwy Idg	10104
109.9	103°	TDZE	4
Chan 36		Apt Elev	4

ILS RWY 10 (CAT II)

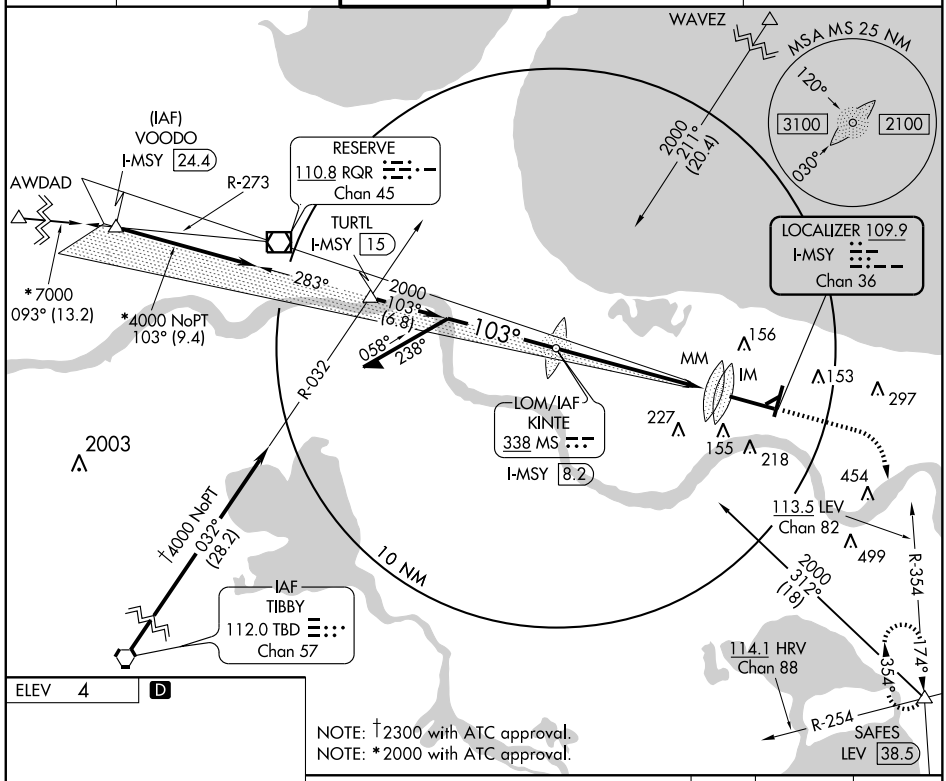
NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

ASR — #49 MSL pole located 793 feet right of Rwy 10 centerline.

ALSF2

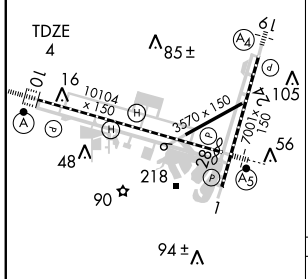
MISSED APPROACH: Climb to 800, then climbing right turn to 2000 via heading 158° and LEV R-354 to SAFES Int/LEV 38.5 DME and hold. #

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2

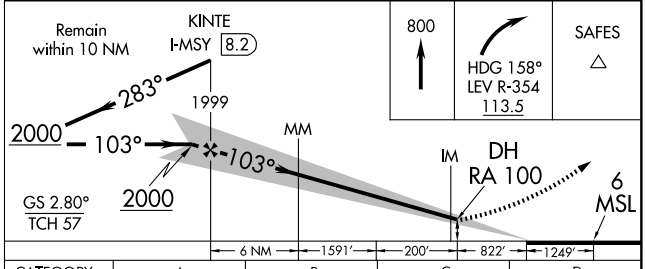


NOTE: †2300 with ATC approval.
NOTE: *2000 with ATC approval.

ELEV 4 D



LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways



CATEGORY	A	B	C	D
S-ILS 10	RA 100/12 100 DA 104			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MSY	APP CRS	Rwy Idg 10104
109.9	103°	TDZE 4
Chan 36		Apt Elev 4

ILS RWY 10 (CAT III)

NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

ASR #49 MSL pole located 793 feet right of Rwy 10 centerline.

ALSF2

MISSED APPROACH: Climb to 800, then climbing right turn to 2000 via heading 158° and LEV R-354 to SAFES Int/LEV 38.5 DME and hold.#

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2

WAVEZ

MSA MS 25 NM
120°
3100
2100
030°

2000
211°
(20.4)

(IAF)
VOODO
I-MSY 24.4

AWDAD

R-273

RESERVE
110.8 RQR
Chan 45

TURTL
I-MSY 15

*7000
093° (13.2)

*4000 NoPT
103° (9.4)

283°

2000
103°
(6.8)

058°
238°

103°

LOCALIZER 109.9
I-MSY
Chan 36

156
MM
IM
153
297
227
155
218

LOM/IAF
KINTE
338 MS
I-MSY 8.2

2003

R-032

†4000 NoPT
032°
(28.2)

454
113.5 LEV
Chan 82
499

10 NM

2000
312°
(18)

R-354

IAF
TIBBY
112.0 TBD
Chan 57

114.1 HRV
Chan 88

174°
354°

R-254

SAFES
LEV 38.5

NOTE: †2300 with ATC approval.
NOTE: *2000 with ATC approval.

ELEV 4 D

TDZE 4

85±
16
10
10104 × 150
3570 × 150
7001 × 150
105
56
48
218
90
94±

Remain within 10 NM

KINTE
I-MSY 8.2

1999

283°

2000
103°

GS 2.80°
TCH 57

2000

MM
190
IM
106

800

HDG 158°
LEV R-354
113.5

SAFES

6 MSL

6 NM 1762′ 851′ 1249′

CATEGORY	A	B	C	D
S-ILS 10	CAT IIIa RVR 07			
S-ILS 10	CAT IIIb RVR 06			
S-ILS 10	CAT IIIc NA			

LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-ONW 111.7 Chan 54	APP CRS 193°	Rwy Idg 7001 TDZE 0 Apt Elev 4

LOC RWY 19

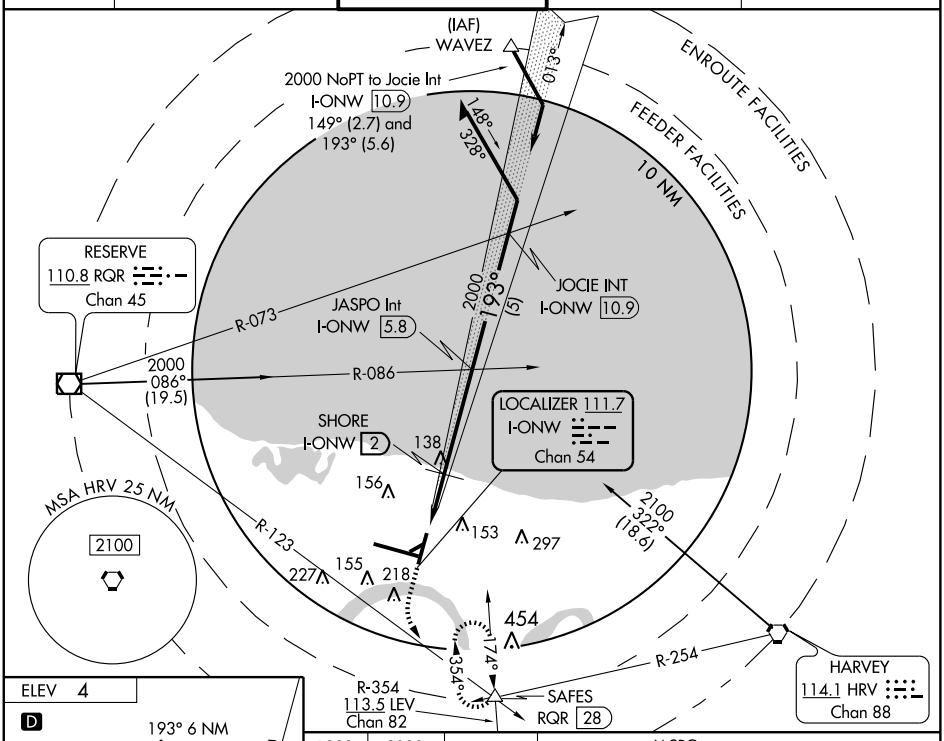
NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

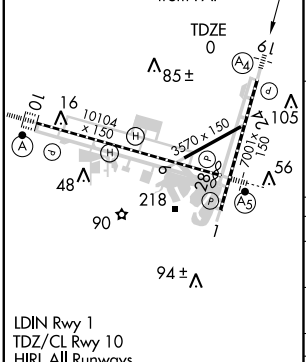
ASR — Inoperative table does not apply to S-LOC 19 (without SHORE fix) Cat C.

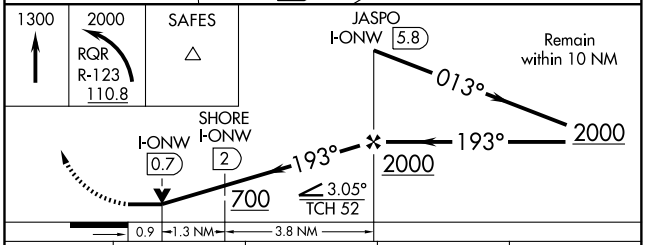
MALS

MISSED APPROACH: Climb to 1300, then climbing left turn to 2000 via RQR R-123 to SAFES Int and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2







LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

FAF to MAP 6 NM

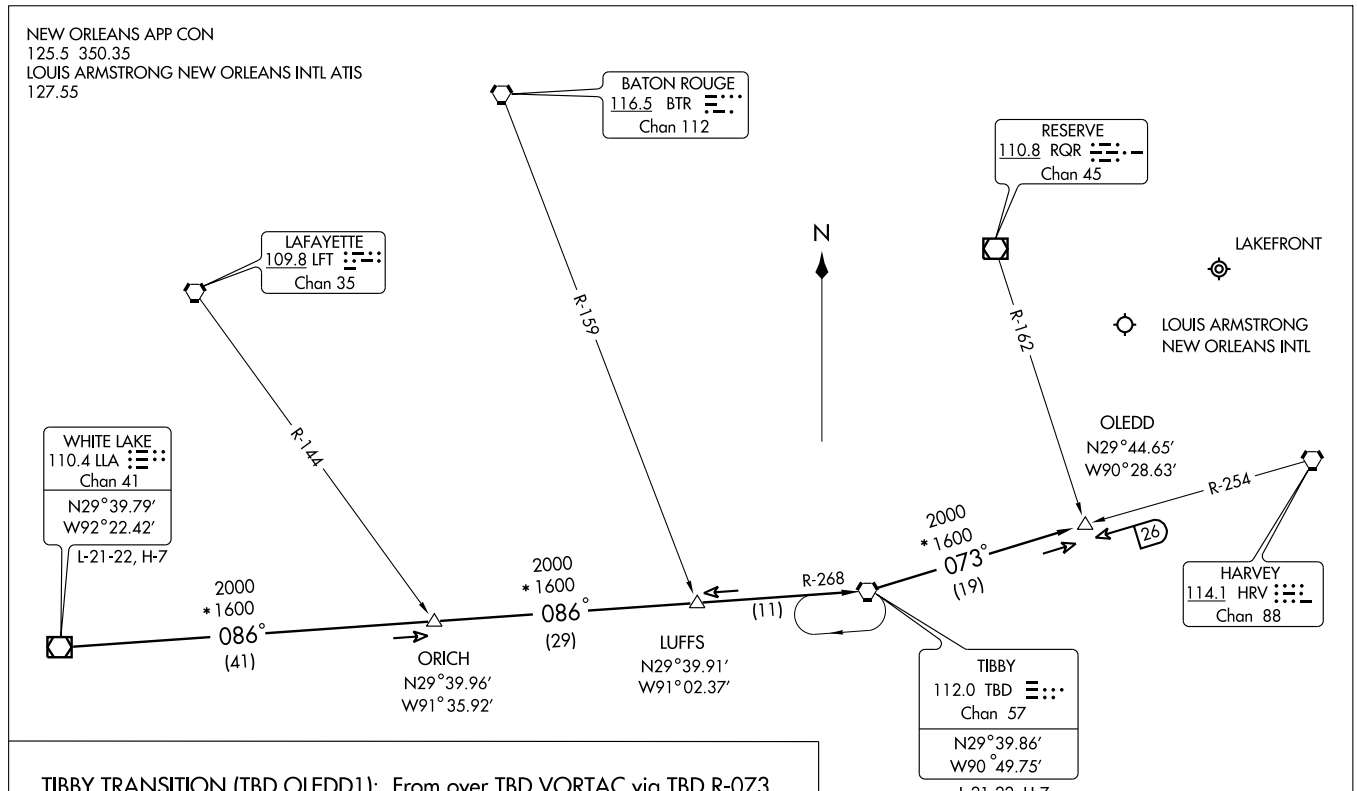
Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

CATEGORY	A	B	C	D
S-LOC 19	700/40 700 (700-¾)		700-2 700 (700-2)	700-2¼ 700 (700-2¼)
CIRCLING	700-1 696 (700-1)		700-2 696 (700-2)	700-2¼ 696 (700-2¼)
SHORE FIX MINIMUMS				
S-LOC 19	340/40 340 (400-¾)			340/50 340 (400-1)
CIRCLING	520-1 516 (600-1)		520-1½ 516 (600-1½)	580-2 576 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

OLEDD ONE ARRIVAL

NEW ORLEANS, LOUISIANA



TIBBY TRANSITION (TBD.OLEDD1): From over TBD VORTAC via TBD R-073 to OLEDD INT. Thence. . . .

WHITE LAKE TRANSITION (LLA.OLEDD1): From over LLA VORTAC via LLA R-086 to TBD VORTAC, then via TBD R-073 to OLEDD INT. Thence. . . .

. . . . Expect radar vectors to final approach course.

TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION

Expect clearance to cross at 11,000′

NOTE: Chart not to scale.

APP CRS	Rwy Idg	7001
013°	TDZE	3
	Apt Elev	4

RNAV (GPS) RWY 1

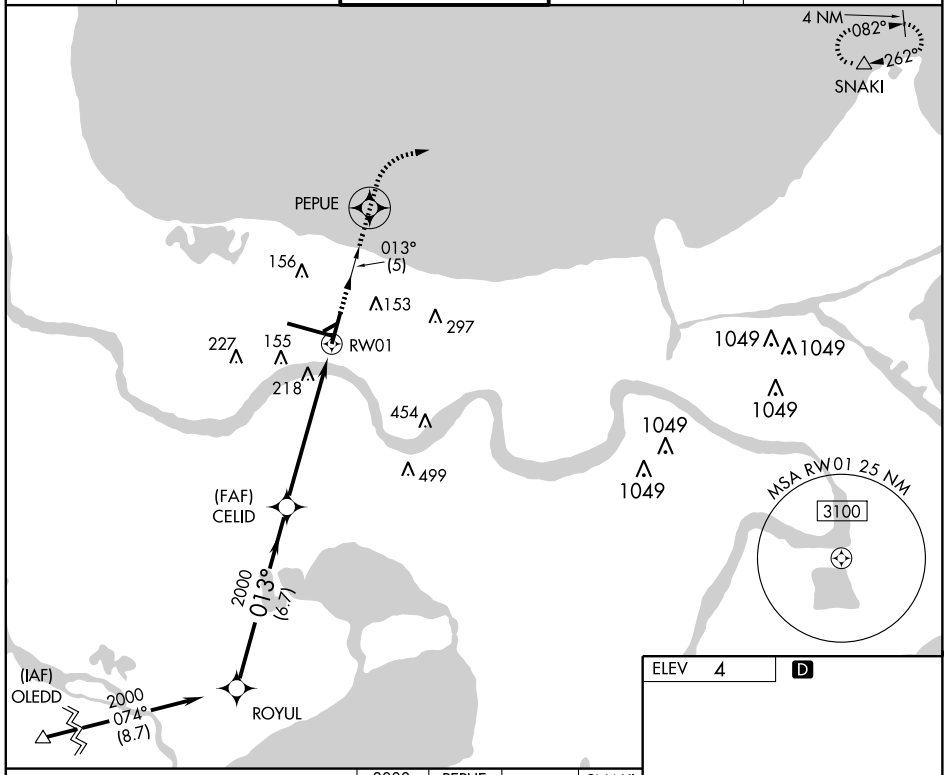
NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

NA
ASR

GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA. BARO/VNAV NA below -15°C (5°F).

MISSED APPROACH: Climb to 3000 via 013° course to PEPUE then right turn direct SNAKI and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2



CATEGORY	A	B	C	D
GLS/PA DA	NA			
LNAV/ VNAV DA	480-1¾ 477 (500-1¾)			
LNAV MDA	480/50 477 (500-1)		480/60 477 (500-1¼)	480-1½ 477 (500-1½)
CIRCLING	520-1¾ 516 (600-1¾)			580-2 576 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	10104
103°	TDZE	4
	Apt Elev	4

RNAV (GPS) RWY 10

NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

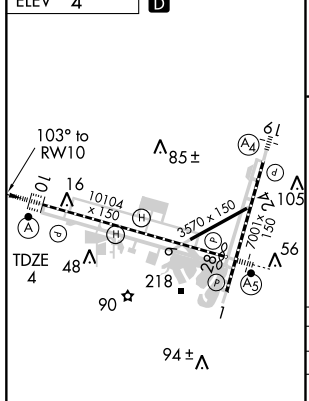
ASR

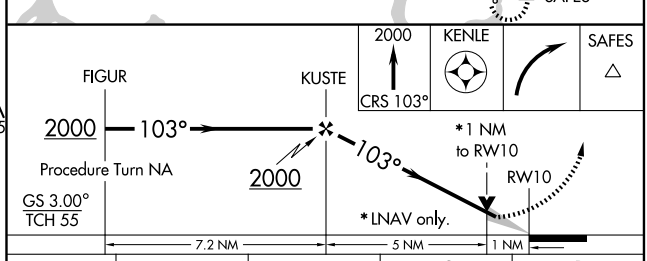
DME/DME RNP-0.3 NA. BARO-VNAV NA below -15°C (5°F).
For inoperative ALSF increase LNAV Cat D visibility to RVR 6000.

ALSF-2

MISSED APPROACH: Climb to 2000 via 103° course to KENLE then right turn direct SAFES and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2





CATEGORY	A	B	C	D
GLS/PA DA	NA			
LNAV/ VNAV DA	402/40 398 (400-¾)			
LNAV MDA	380/24 376 (400-½)			380/50 376 (400-1)
CIRCLING	520-1 516 (600-1)		520-1½ 516 (600-1½)	580-2 576 (600-2)

LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 7001
CH 40007	194°	TDZE 0
W19A		Apt Elev 4

RNAV (GPS) RWY 19

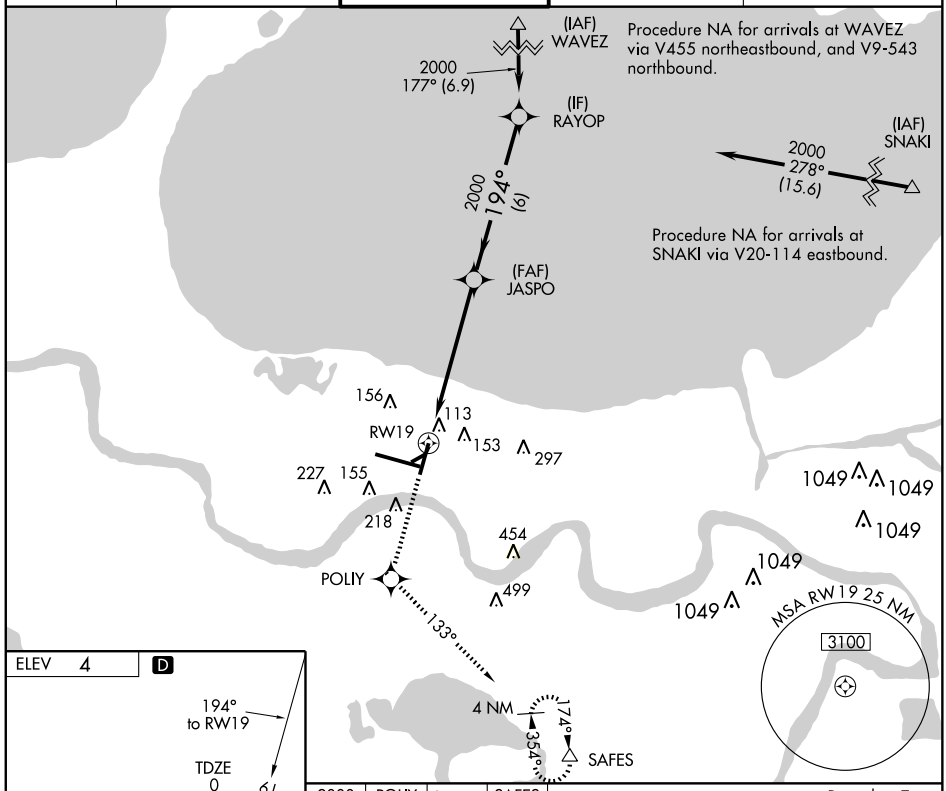
NEW ORLEANS/LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

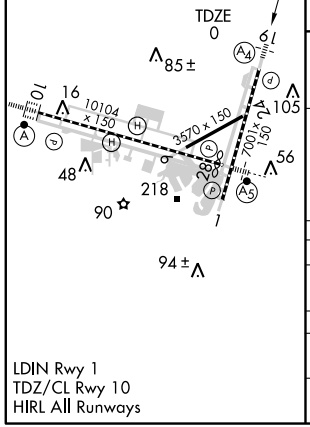
ASR — DME/DME RNP-0.3 NA. BARO-VNAV NA below -15°C (5°F). Inoperative table does not apply to LPV, LNAV/VNAV.

MALS

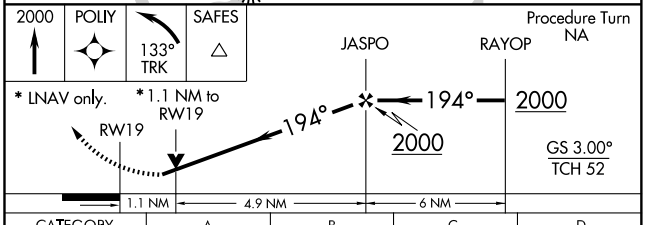
MISSED APPROACH: Climb to 2000 direct POLIY and left turn via 133° track to SAFES and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2





LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways



CATEGORY	A	B	C	D
LPV DA	310/40	310 (400-¾)		310/50 310 (400-1)
LNAV/VNAV DA	420-1½	420 (500-1½)		
LNAV	400/40	400 (400-¾)		400/60 400 (400-1¼)
CIRCLING	520-1½	516 (600-1½)		580-2 576 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9800
CH 49006	284°	TDZE	3
W28A		Apt Elev	4

RNAV (GPS) RWY 28

NEW ORLEANS/ LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

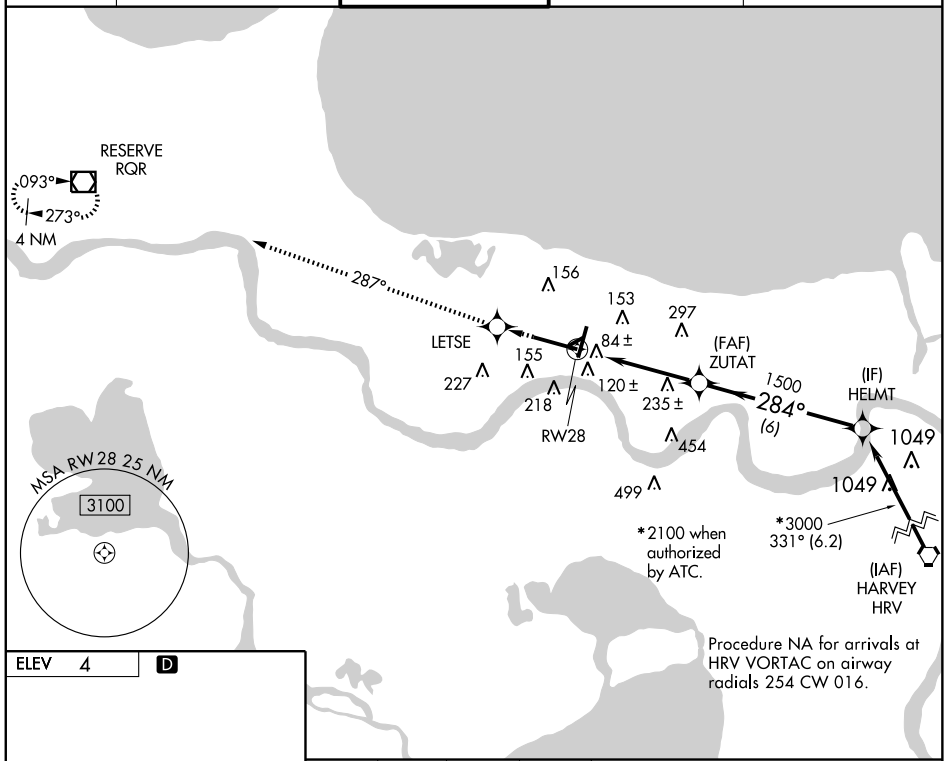
ASR

For inoperative MALSR, increase LPV all Cats visibility to RVR 5000. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA.

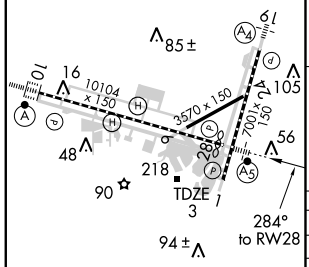
MALSR

MISSED APPROACH: Climb to 3000 direct LETSE and via 287° track to RQR VOR/DME and hold.

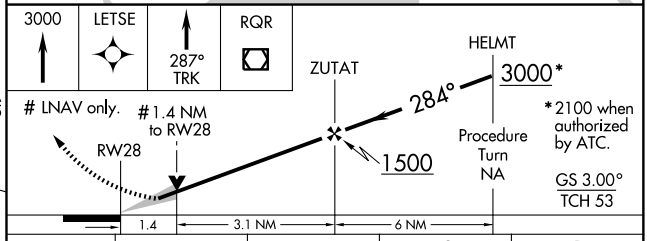
ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2



ELEV 4 D



LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways



CATEGORY	A	B	C	D
LPV DA	329/24 326 (400-½)			
LNAV/ VNAV DA	438/50 435 (500-1)			
LNAV MDA	500/24 497 (500-½)		500/40 497 (500-¾)	500/50 497 (500-1)
CIRCLING	520-1 516 (600-1)		520-1½ 516 (600-1½)	580-2 576 (600-2)

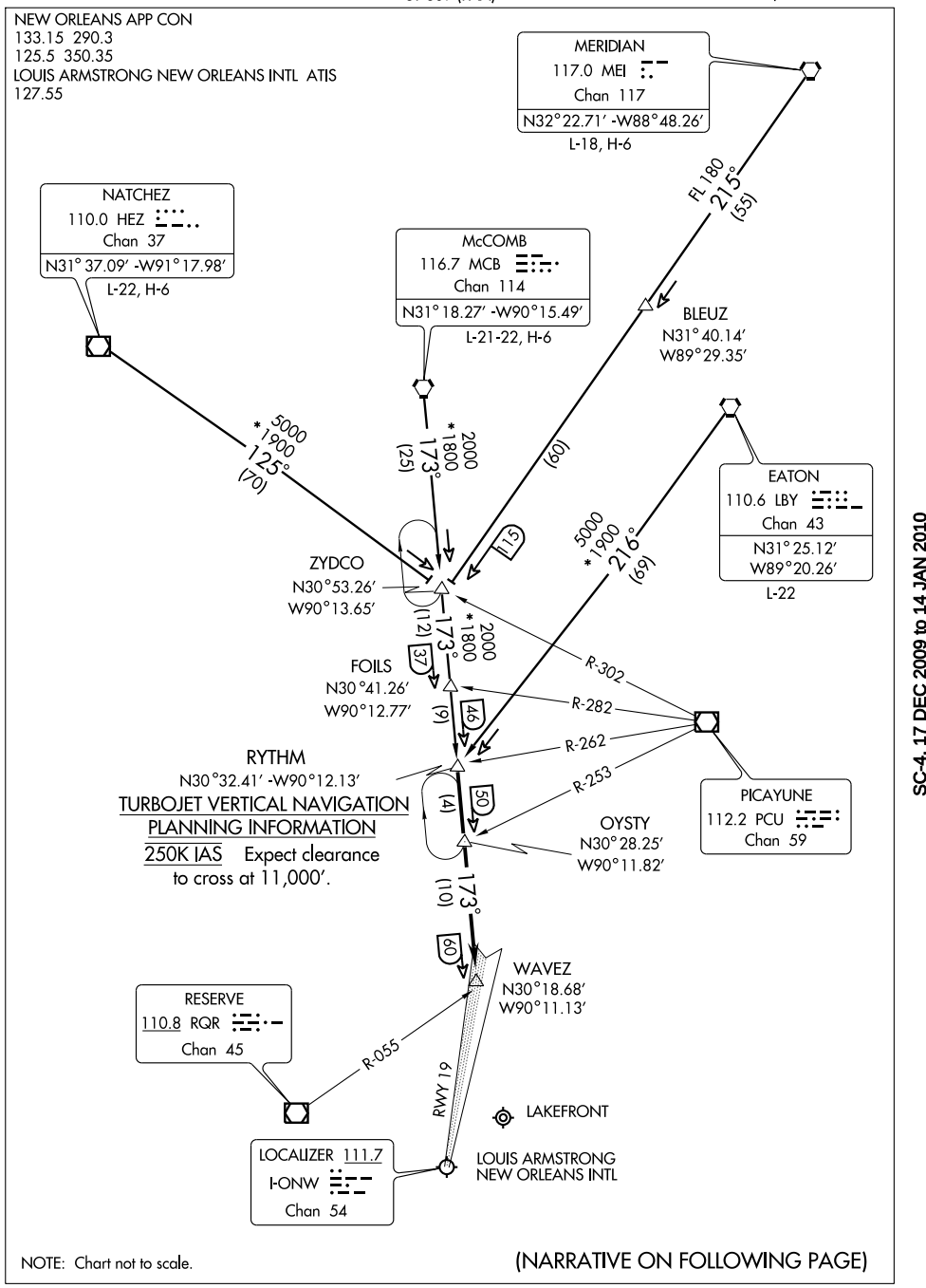
SC-4, 17 DEC 2009 to 14 JAN 2010

(RYTHM.RYTHM3) 07298

RYTHM THREE ARRIVAL

ST-609 (FAA)

NEW ORLEANS, LOUISIANA



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-4, 17 DEC 2009 to 14 JAN 2010

ARRIVAL DESCRIPTION

EATON TRANSITION (LBY.RYTHM3): From over LBY VORTAC via LBY R-216 to RYTHM INT. Thence. . . .
McCOMB TRANSITION (MCB.RYTHM3): From over MCB VORTAC via MCB R-173 to RYTHM INT. Thence. . . .
MERIDIAN TRANSITION (MEI.RYTHM3): From over MEI VORTAC via MEI R-215 to ZYDCO INT then via MCB R-173 to RYTHM INT. Thence. . . .
NATCHEZ TRANSITION (HEZ.RYTHM3): From over HEZ VOR/DME via HEZ R-125 to ZYDCO INT then via MCB R-173 to RYTHM INT. Thence. . . .
. . . . From over RYTHM INT via MCB R-173 to WAVEZ INT. Thence. . . .

LANDING LOUIS ARMSTRONG RWY 19: Intercept I-ONW localizer course and expect clearance for LOC Rwy approach.
LANDING OTHER: Expect vectors to final approach course.

SLIDD TWO ARRIVAL

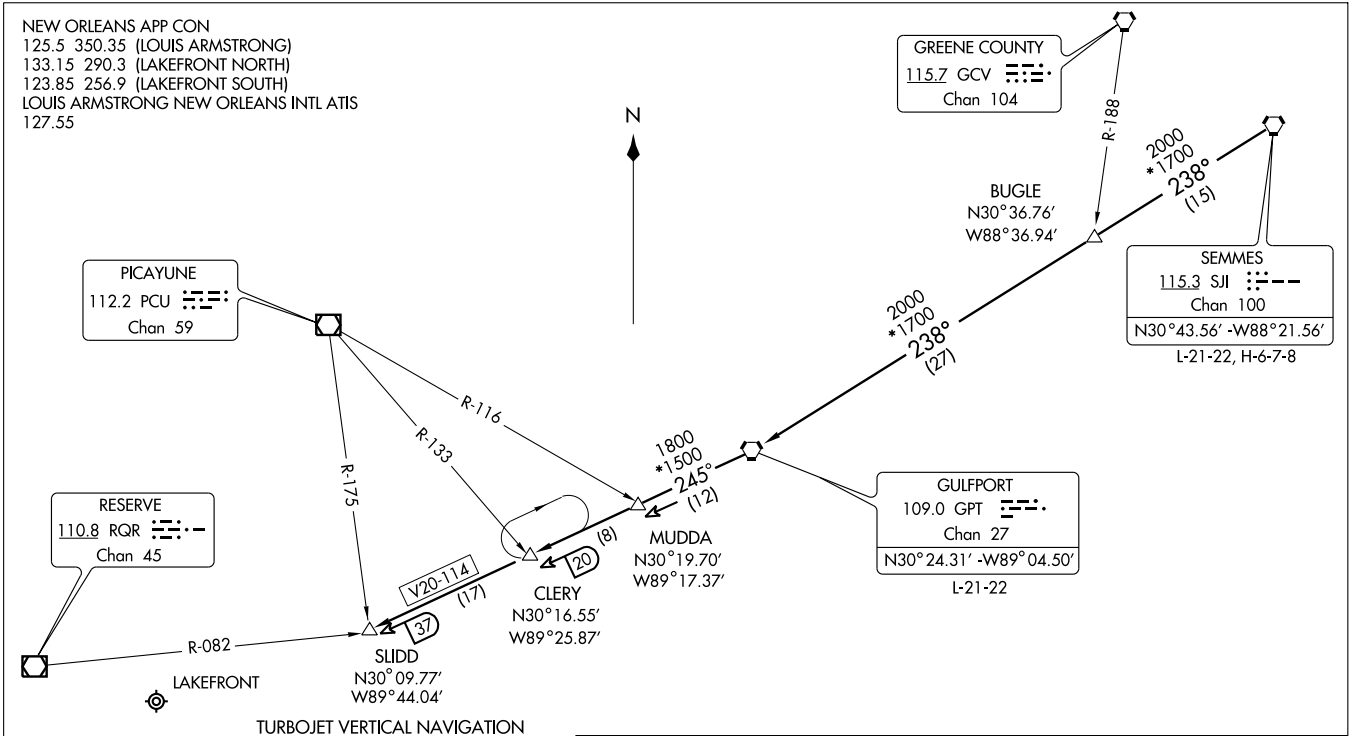
(SLIDD.SLIDD2)

09239

ST-609 (FAA)

NEW ORLEANS, LOUISIANA

NEW ORLEANS APP CON
125.5 350.35 (LOUIS ARMSTRONG)
133.15 290.3 (LAKEFRONT NORTH)
123.85 256.9 (LAKEFRONT SOUTH)
LOUIS ARMSTRONG NEW ORLEANS INTL ATIS
127.55



TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION

Expect clearance to cross at 11,000′

GULFPORT TRANSITION (GPT.SLIDD2): From over GPT VOR/DME via GPT R-245 to SLIDD INT. Thence. . . .

SEMMES TRANSITION (SJI.SLIDD2): From over SJI VORTAC via SJI R-238 to GPT VOR/DME, then via GPT R-245 to SLIDD INT. Thence. . . . . Expect vectors to final approach course.

NOTE: Chart not to scale.

VOR/DME RQR	APP CRS	Rwy Idg	10104
110.8 Chan 45	107°	TDZE	4
		Apt Elev	4

VOR/DME RWY 10

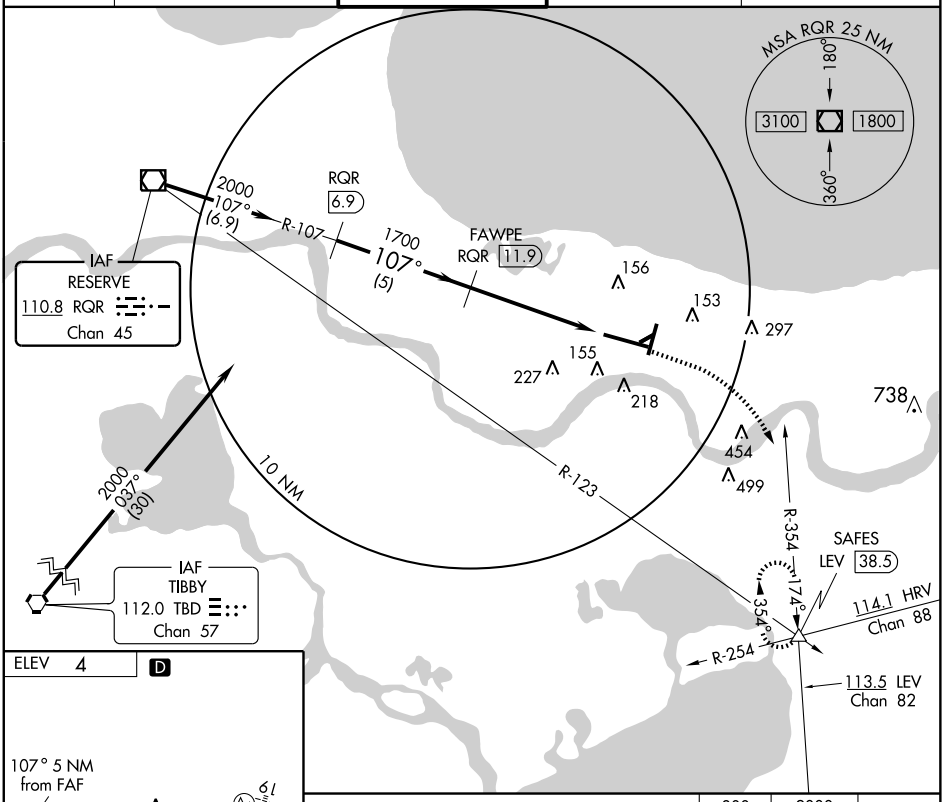
NEW ORLEANS/LOUIS ARMSTRONG NEW ORLEANS INTL (MSY)

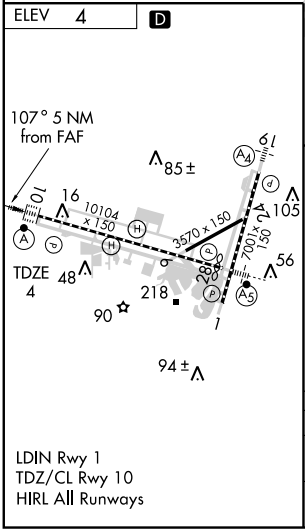
ASR

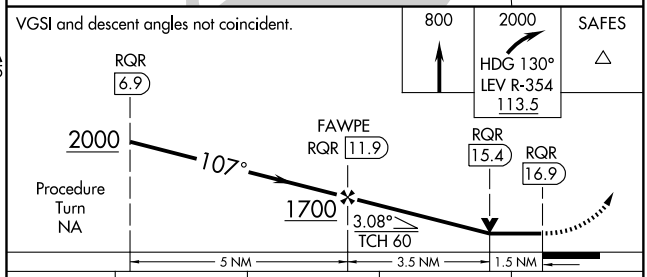
ALSF-2

MISSED APPROACH: Climb to 800, then climbing right turn to 2000 via heading 130° and LEV VORTAC R-354 to SAFES INT/LEV 38.5 DME and hold.

ATIS	NEW ORLEANS APP CON	NEW ORLEANS TOWER	GND CON	CLNC DEL
127.55	123.85 256.9	119.5 254.3	121.9 273.525	127.2



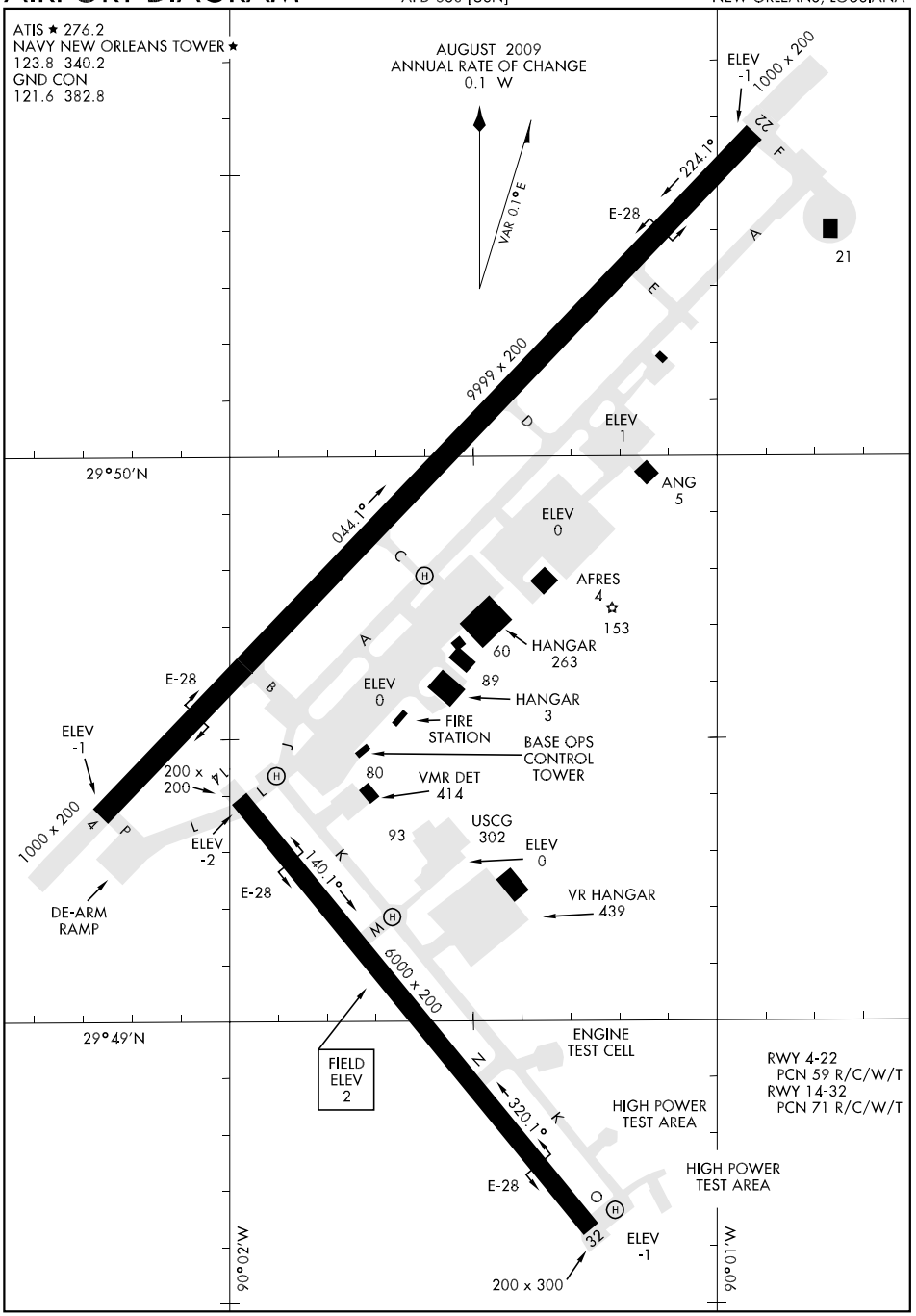




CATEGORY	A	B	C	D
S-10	520/24 516 (600-½)		520/50 516 (600-1)	520/60 516 (600-1¼)
CIRCLING	520-1 516 (600-1)		520-1½ 516 (600-1½)	580-2 576 (600-2)

LDIN Rwy 1
TDZ/CL Rwy 10
HIRL All Runways

SC-4, 17 DEC 2009 to 14 JAN 2010



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-TACAN RWY 4

VORTAC HRV	APCH CRS	Rwy Idg 9999
114.1	046°	TDZE -1
Chan 88		Arpt Elev 2

JAL-630 [USN]

NEW ORLEANS NAS JRB (ALVIN CALLENDER FLD) (KNBG)

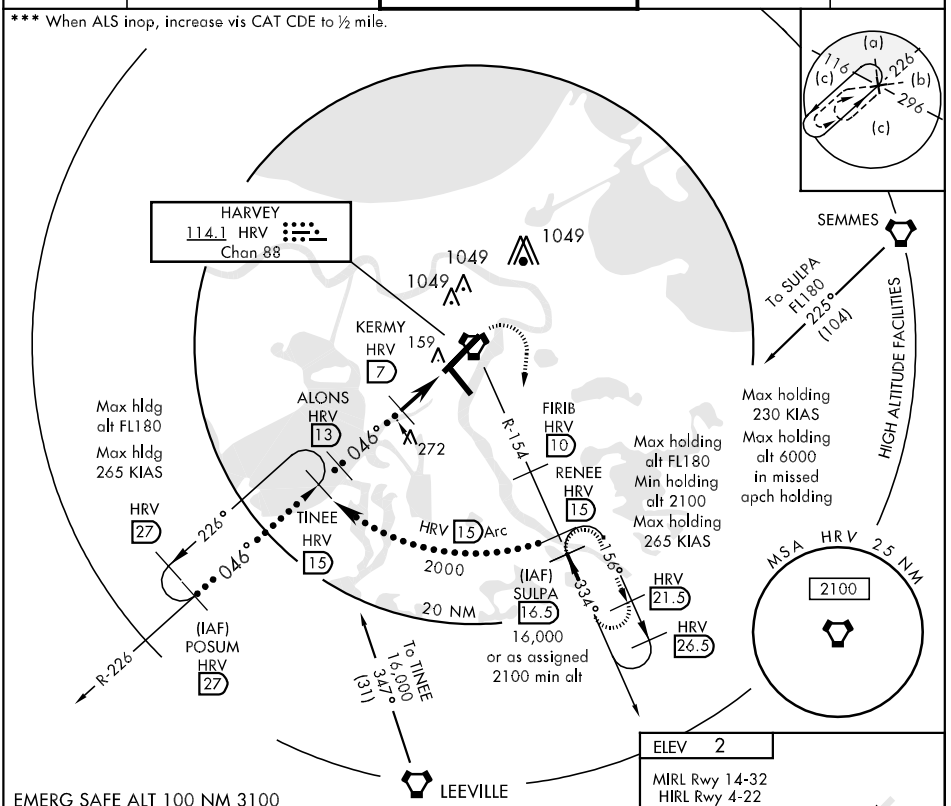
* When ALS inop increase vis CAT CD to 1¼ miles, CAT E to 1½ miles.
** Night circling Rwy 32 NA, CAT E circling not authorized NW of Rwy 4-22.

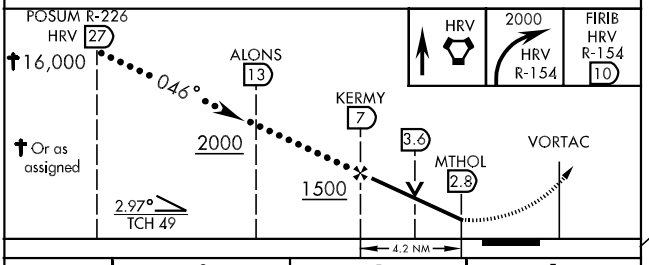
ALSF-1

MISSED APPROACH: Climb direct HRV VORTAC, then climbing right turn to 2000, intercept R-154 to FIRIB, then climb to 2100 to SULPA and hold.

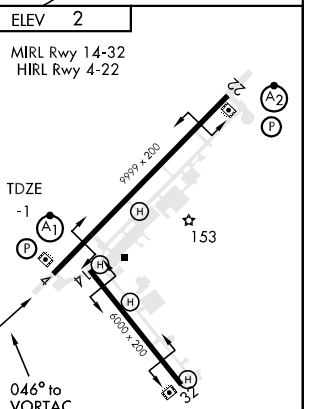
ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

*** When ALS inop, increase vis CAT CDE to ½ mile.





CATEGORY	C	D	E
S-4 *	420- ¾ 421	(500- ¾)	420-1 421 (500-1)
CIRCLING **	500-1½ 498 (500-1½)	560-2 558 (600-2)	640-2¼ 638 (700-2¼)
S-PAR-4 ***	99- ¼	100 (100- ¼)	GS 3.0°



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-TACAN Y RWY 22

VORTAC HRV	APCH CRS	Rwy ldg 9999
114.1	236°	TDZE -1
Chan 88		Arpt Elev 2

JAL-630 [USN]

NEW ORLEANS NAS JRB (ALVIN CALLENDER FLD) (KNBG)

* When ALS inop, increase vis CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles.
** Night circling Rwy 32 NA. CAT E circling not authorized NW of Rwy 4-22.

SALSF A2

MISSED APPROACH: Climb to 2000 via R-226 to TINEE and hold.

ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

*** When ALS inop, increase vis CAT CDE to ½ mile.

HARVEY
114.1 HRV
Chan 88

ZEPOP HRV 15
JAINN HRV 10
1049
OLEZO HRV 15
SEMMES
To SULPA FL180 225° (104)
MULFE HRV 4
2100
ZABIR HRV 15
HIGH ALTITUDE FACILITIES
Max holding 230 KIAS
HRV 20
TINEE HRV 15
RENEE HRV 15
(IAF) SULPA HRV 16.5
Max holding alt FL180
Max holding 265 KIAS
HRV 26.5
16,000 Or as assigned 2100 min alt
20 NM
R-056
R-080
R-090
R-154
R-226
236°
311
195
046°
226°
334°
154°
Arc
MSA HRV 25 NM
2100

EMERG SAFE ALT 100 NM 3100

ELEV 2

236° from VORTAC

TDZE -1

9999 x 200

6000 x 200

153

MIRL Rwy 14-32
HIRL Rwy 4-22

2000 HRV R-226 | TINEE HRV R-226 15

ZEPOP HRV R-056 15
JAINN 10
MULFE 4
VORTAC HRV .5
236°
2000
2000
1500
2.88°
TCH 44
4 NM

CATEGORY	C	D	E
S-22 *	460-1 461 (500-1)	460-1¼ 461 (500-1¼)	460-1½ 461 (500-1½)
CIRCLING**	500-1½ 498 (500-1½)	560-2 558 (600-2)	640-2¼ 638 (700-2¼)
S-PAR-22***	249-¾	250 (300-¾)	GS 3.0°

HI-TACAN Z RWY 22

VORTAC HRV	APCH CRS	Rwy ldg 9999
114.1	236°	TDZE -1
Chan 88		Arpt Elev 2

JAL-630 [USN]

NEW ORLEANS NAS JRB (ALVIN CALLENDER FLD) (KNBG)

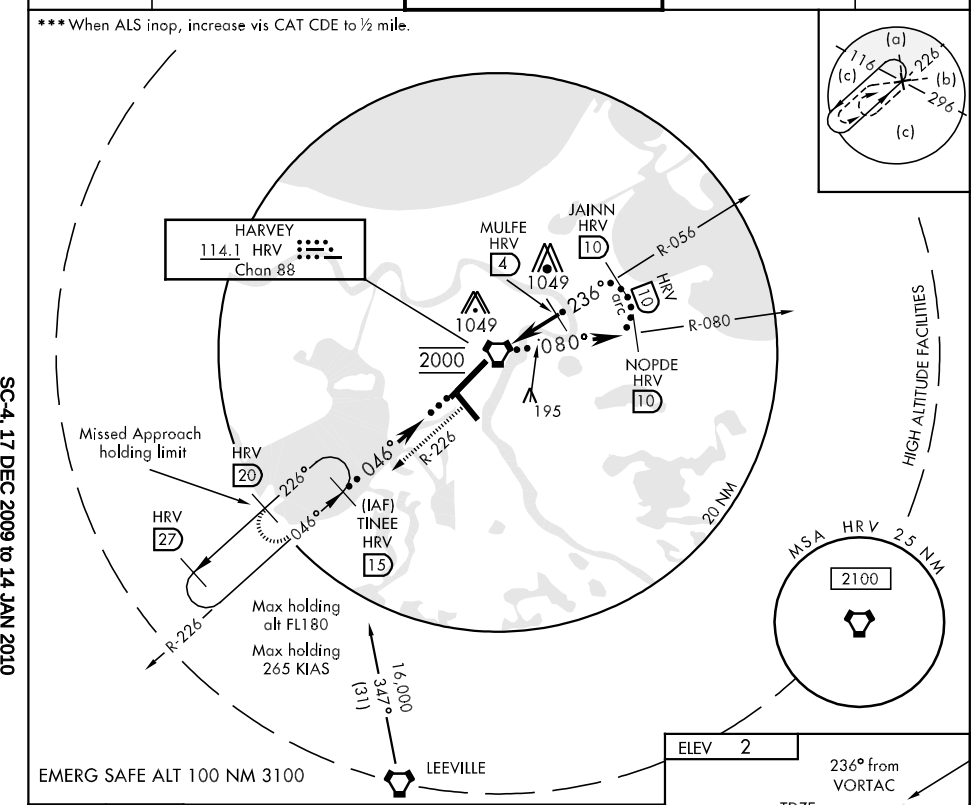
T * When ALS inop, increase vis CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles.
** Night circling Rwy 32 NA. CAT E circling not authorized NW of Rwy 4-22.

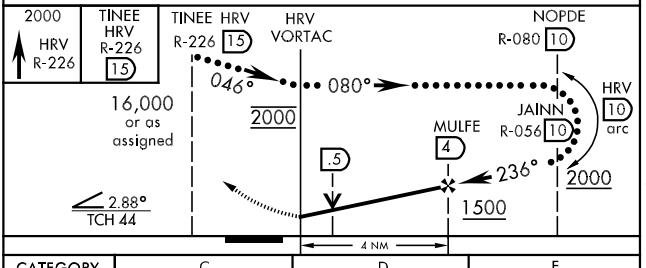
SALSF A2

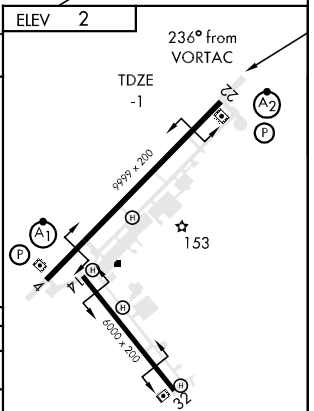
MISSED APPROACH: Climb to 2000 via R-226 to TINEE and hold.

ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

*** When ALS inop, increase vis CAT CDE to ½ mile.







MIRL Rwy 14-32
HIRL Rwy 4-22

CATEGORY	C	D	E
S-22 *	460-1 461 (500-1)	460-1¼ 461 (500-1¼)	460-1½ 461 (500-1½)
CIRCLING **	500-1½ 498 (500-1½)	560-2 558 (600-2)	640-2¼ 638 (700-2¼)
S-PAR-22***	249-¾	250 (300-¾)	GS 3.0°

SC-4, 17 DEC 2009 to 14 JAN 2010

ILS Y or RNAV (GPS) RWY 4

NEW ORLEANS NAS JRB
(ALVIN CALLENDER FLD) (KNBG)

LOC I-NGB	APCH CRS	Rwy ldg / TDZE / Arpt Elev
109.5	044°	9999 / -1 / 2

AL-630 [USN]

▼ * When ALS inop, increase vis CAT ABCD to ¾ mile.
** When ALS inop, increase vis CAT ABCD to 1 mile.
*** When ALS inop, increase vis CAT ABCD to 1¼ miles.

ALSF-1

MISSED APPROACH: Climb to 500, then climbing right turn to 2000 direct FIRIB, then climb to 2100 via track 156° to SULPA and hold.

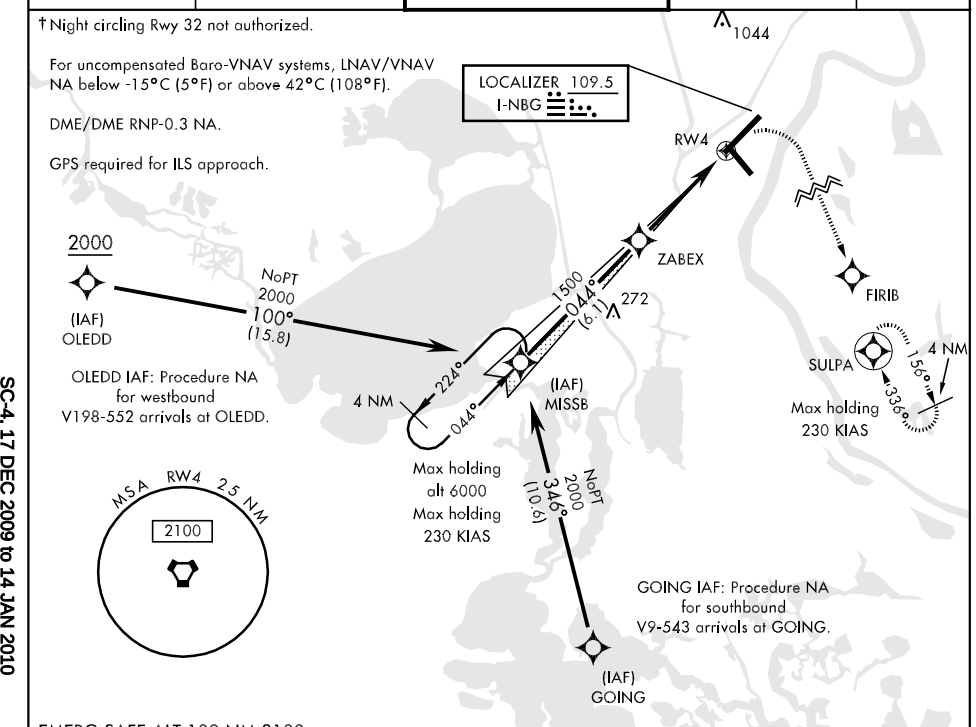
ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

† Night circling Rwy 32 not authorized.

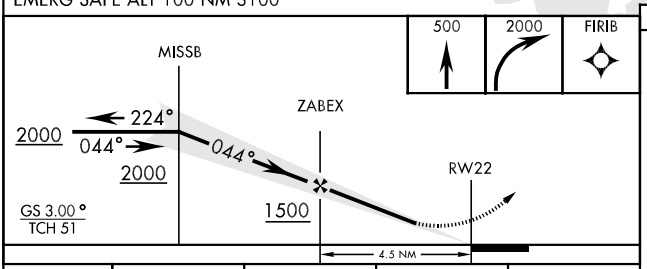
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 42°C (108°F).

DME/DME RNP-0.3 NA.

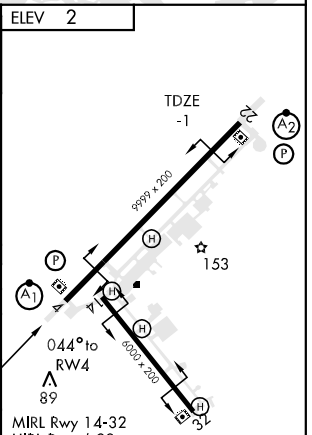
GPS required for ILS approach.



EMERG SAFE ALT 100 NM 3100



CATEGORY	A	B	C	D
S-ILS 4 *	199-½	200	(200-½)	
LNAV MDA **	340-½	341	(400-½)	
LNAV/VNAV *** DA	340-¾	341	(400-¾)	
CIRCLING †	480-1¼ 478 (500-1¼)	500-1½ 498 (500-1½)	560-2 558 (600-2)	



SC-4, 17 DEC 2009 to 14 JAN 2010

ILS Z or LOC/DME RWY 4

NEW ORLEANS NAS JRB
(ALVIN CALLENDER FLD) (KNBG)

LOC I-NBG	APCH CRS	Rwy ldg 9999 TDZE -1 Arpt Elev 2
109.5	044°	AL-630 [USN]

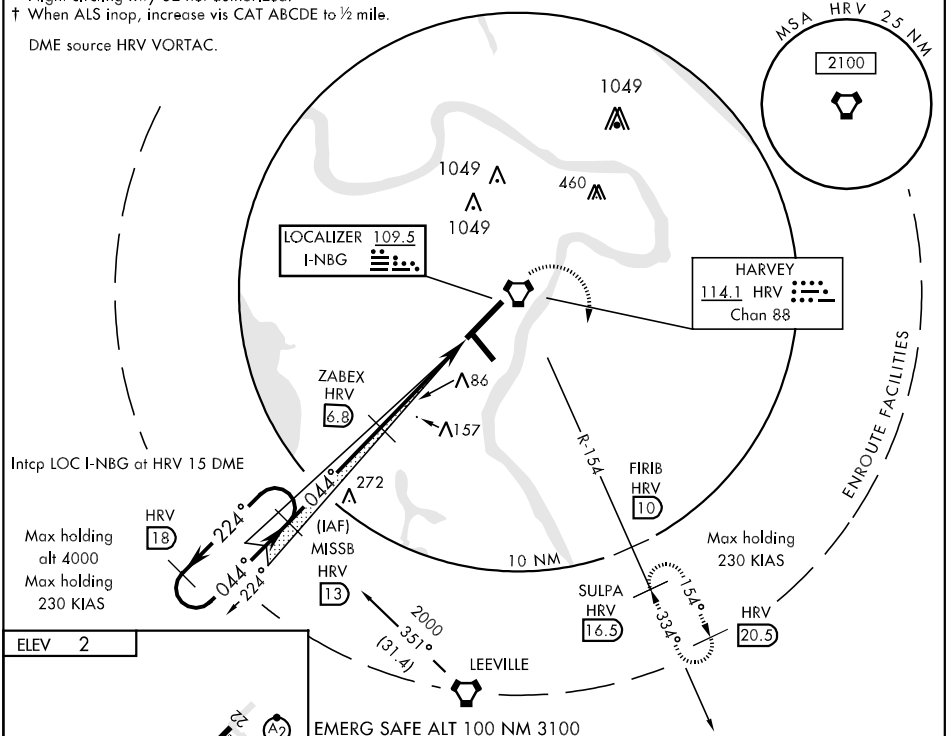
▼ * When ALS inop, increase vis CAT ABCDE to ¾ mile.
** When ALS inop, increase vis CAT ABCD to 1 mile, CAT E to 1¼ miles.
*** CAT E circling not authorized NW of Rwy 4-22.

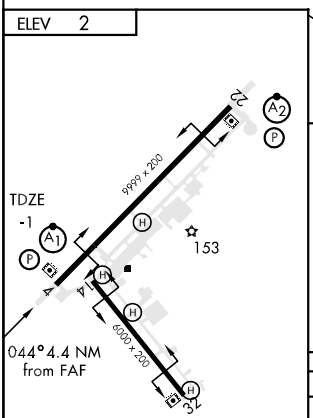
ALSF-1 (A1)

MISSED APPROACH: Climb direct HRV VORTAC, then climbing right turn to 2000, intercept R-154 to FIRIB, then climb to 2100 to SULPA and hold.

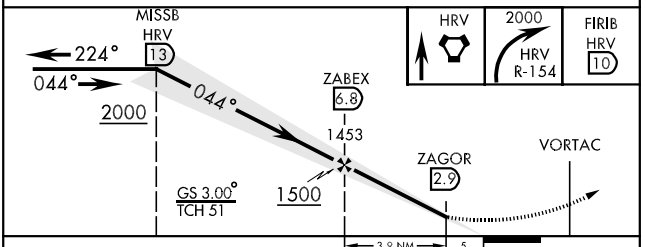
ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

Night circling Rwy 32 not authorized.
† When ALS inop, increase vis CAT ABCDE to ½ mile.
DME source HRV VORTAC.





EMERG SAFE ALT 100 NM 3100



CATEGORY	A	B	C	D	E
S-ILS 4 *	199-½	200 (200-½)			
S-LOC 4 **	340-½	341 (400-½)			340-¾ 341 (400-¾)
CIRCLING ***	480-1	478 (500-1)	500-1½ 498 (500-1½)	560-2 558 (600-2)	640-2¼ 638 (700-2¼)
S-PAR 4 †	99-¼	100 (100-¼) GS 3.0°			

FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	2:03	1:38	1:18

RNAV (GPS) RWY 22

NEW ORLEANS NAS JRB
(ALVIN CALLENDER FLD) (KNBG)

WAAS	APCH CRS	Rwy Idg	9999
Chan 60141	224°	TDZE	-1
W22A		Arpt Elev	2

AL-630 [USN]

* When ALS inop, increase vis CAT AB to ¾ mile.
** When ALS inop, increase vis CAT ABCD to 1¼ miles.
*** When ALS inop, increase vis CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles.

SALS (A2)

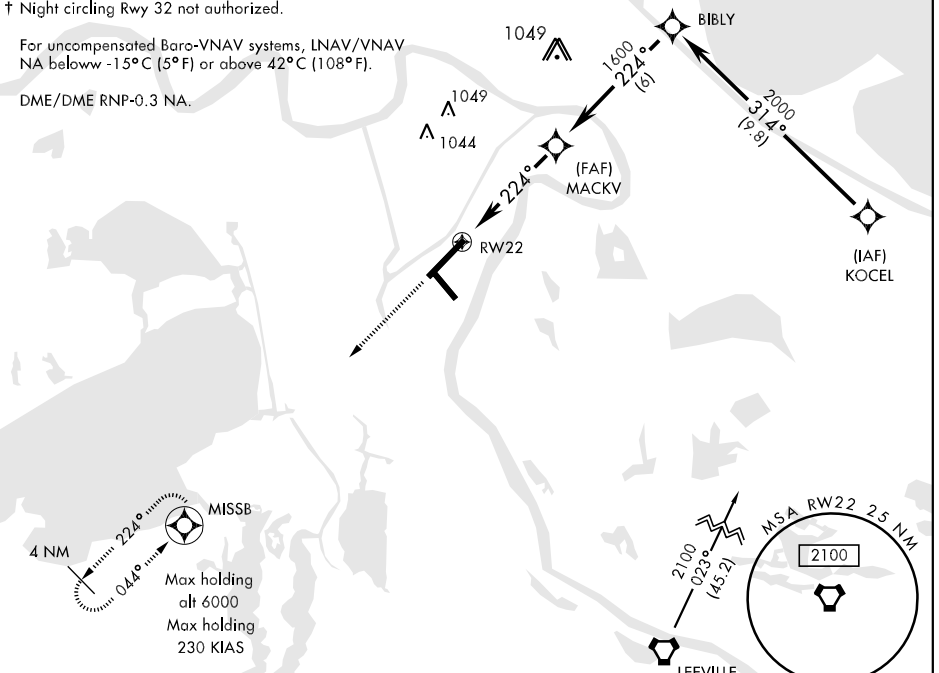
MISSED APPROACH: Climb to 2000 direct MISSB and hold.

ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

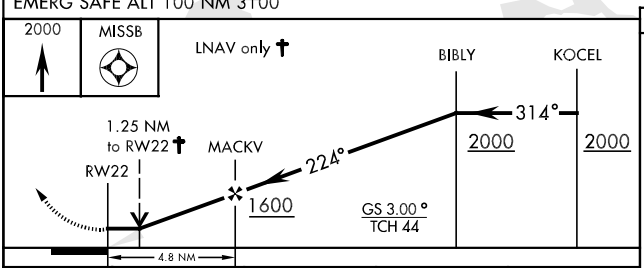
† Night circling Rwy 32 not authorized.

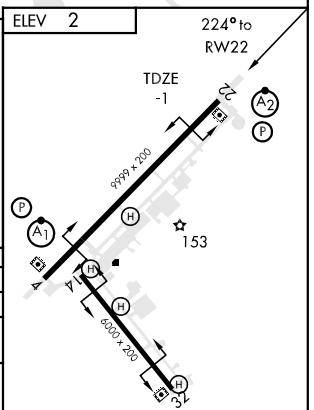
For uncompensated Baro-VNAV systems, LNAV/VNAV NA beloww -15°C (5°F) or above 42°C (108°F).

DME/DME RNP-0.3 NA.



EMERG SAFE ALT 100 NM 3100





CATEGORY	A	B	C	D
LPV DA *	199- ½ 200 (200-½)		199-¾ 200	(200-¾)
LNAV/ VNA DA **	340-1	341 (400-1)		
*** LNAV MDA	440- ¾ 441 (500-¾)		440-1 441 (500-1)	440-1¼ 441 (500-1¼)
CIRCLING †	480-1¼ 478 (500-1¼)		500-1½ 498 (500-1½)	560-2 558 (600-2)

VOR/DME or TACAN RWY 4

NEW ORLEANS NAS JRB
(ALVIN CALLENDER FLD) (KNBG)

VORTAC HRV	APCH CRS	Rwy ldg 9999
114.1	046°	TDZE -1
Chan 88		Arpt Elev 2

AL-630 [USN]

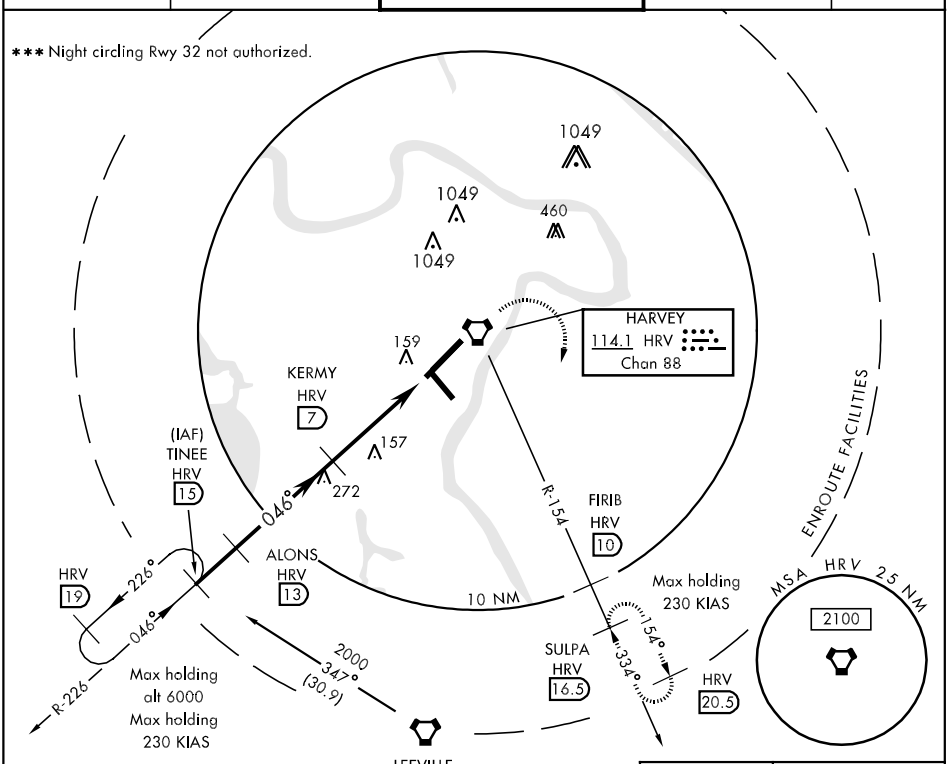
▼ * When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles.
** When ALS inop, increase vis CAT ABCD to ½ mile.

ALSF-1 (A1)

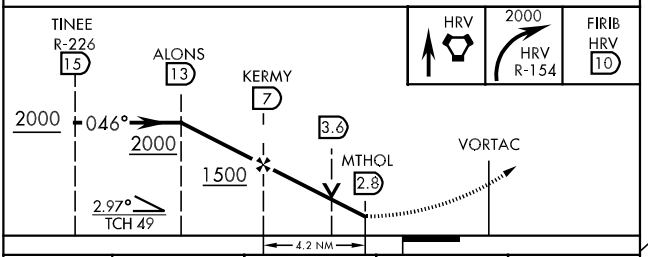
MISSED APPROACH: Climb direct HRV VORTAC, then climbing right turn to 2000, intercept R-154 to FIRIB, then climb to 2100 to SULPA and hold.

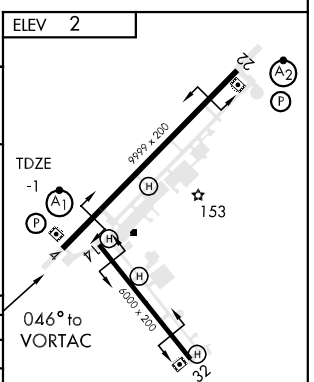
ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

*** Night circling Rwy 32 not authorized.



EMERG SAFE ALT 100 NM 3100





CATEGORY	A	B	C	D
S-4 *	420- ½ 421 (500-½)		420-¾ 421 (500-¾)	
CIRCLING ***	480-1 478 (500-1)		500-1½ 498 (500-1½)	560-2 558 (600-2)
S-PAR 4 **	99- ¼ 100 (100-¼) GS 3.0°			

VOR/DME or TACAN RWY 22

NEW ORLEANS NAS JRB
(ALVIN CALLENDER FLD) (KNBG)

VORTAC HRV	APCH CRS	Rwy ldg 9999
114.1	236°	TDZE -1
Chan 88		Arpt Elev 2

AL-630 [USN]

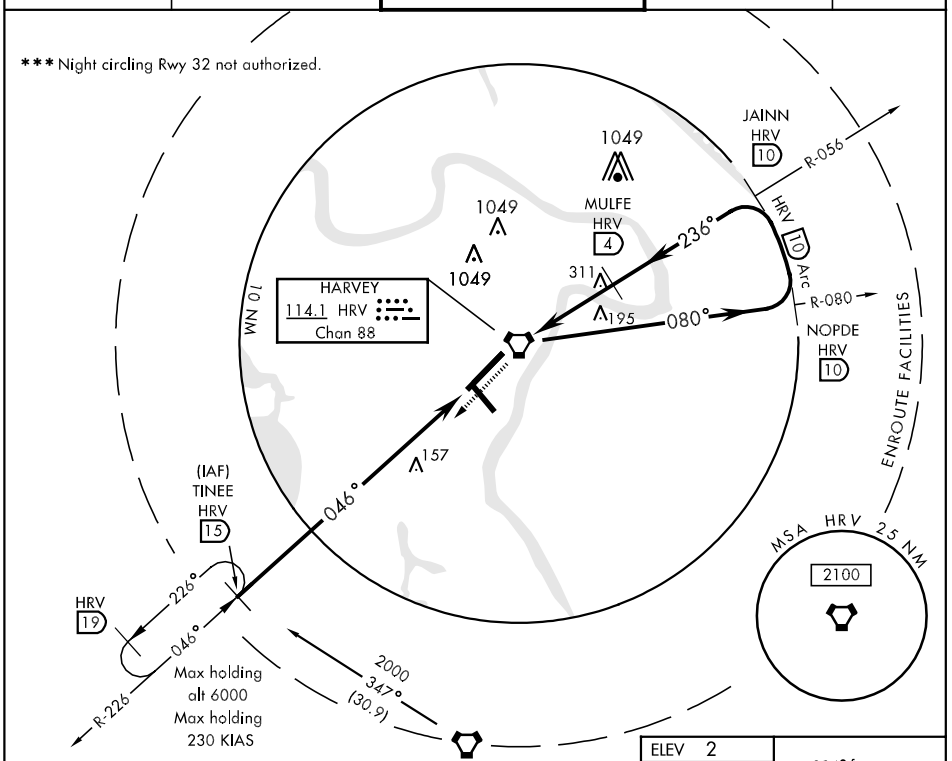
* When ALS inop, increase vis CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles.
** When ALS inop, increase vis CAT CD to 1 mile.

SALS A2

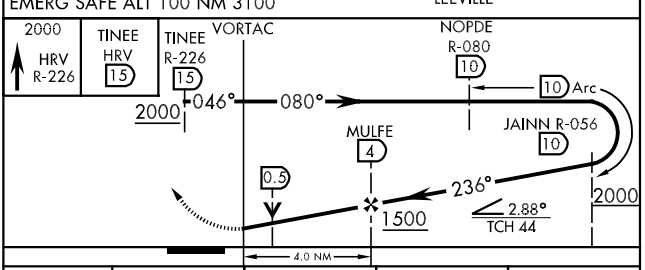
MISSED APPROACH: Climb to 2000 via R-226 to TINEE and hold.

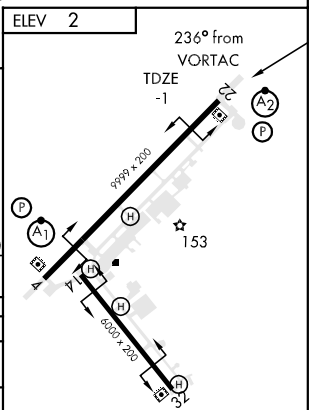
ATIS ★	NEW ORLEANS APP CON	NAVY NEW ORLEANS TOWER ★	GND CON	ASR/PAR
276.2	123.85 256.9	123.8 340.2	121.6 382.8	

*** Night circling Rwy 32 not authorized.



EMERG SAFE ALT 100 NM 3100





MIRL Rwy 14-32
HIRL Rwy 4-22

CATEGORY	A	B	C	D
S-22 *	460-¾ 461 (500-¾)		460-1 461 (500-1)	460-1¼ 461 (500-1¼)
CIRCLING ***	480-1 478 (500-1)		500-1½ 498 (500-1½)	560-2 558 (600-2)
S-PAR 22 **	249-¾ 250 (300-¾) GS 3.0°			

AIRPORT DIAGRAM

AL-288 (FAA)

NEW ORLEANS/LAKEFRONT (NEW)
NEW ORLEANS, LOUISIANA

ATIS
124.9
LAKEFRONT TOWER★
119.9
GND CON
121.7
CLNC DEL
127.4
D

RWY 9-27
S50, D80, DT100
RWY 18L-36R
S35, D55, DT80
RWY 18R-36L
S60, D175, ST175, DT200, DDT350

ELEV 6
18R
178.7°
B
ELEV 6
18L
178.6°
L L
C
K K
B C
J J
30° 03′ N

VAR 0.6° E
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W

FIRE STATION
HANGAR
FBO
HANGARS
CORPORATE HANGAR
EAST RAMP
HAZARDOUS CARGO
Q
3697 X 75
6867 X 150
B
E
CONTROL TOWER 122
C
H
P
FIELD ELEV 8
ELEV 7
H
H
E
M
D
D
D
358.7°
A
36R
358.6°
RUN-UP AREAS
B
D
E
N
HANGAR
LAHSO
LAHSO
C
088.6°
3113 X 75
268.6°
E
9
27
ELEV 5
B
F
F
ELEV 5
G G
G
B F
FBO
LOUISIANA ANG PARKING
A
B
FBO
TERMINAL
A
36L
30° 02′ N
ELEV 6
U.S. CUSTOMS INSPECTION POINT

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

90° 02′ W
90° 01′ W

SC-4, 17 DEC 2009 to 14 JAN 2010

AWDAD SIX ARRIVAL

NEW ORLEANS, LOUISIANA

NEW ORLEANS APP CON
125.5 350.35
LOUIS ARMSTRONG NEW ORLEANS INTL ATIS
127.55

BATON ROUGE TRANSITION (BTR.AWDAD6): From over BTR VORTAC via BTR R-135 to AWDAD INT. Thence. . . .

LAFAYETTE TRANSITION (LFT.AWDAD6): From over LFT VOTRAC via LFT R-092 and RQR R-273 to AWDAD INT. Thence. . . .

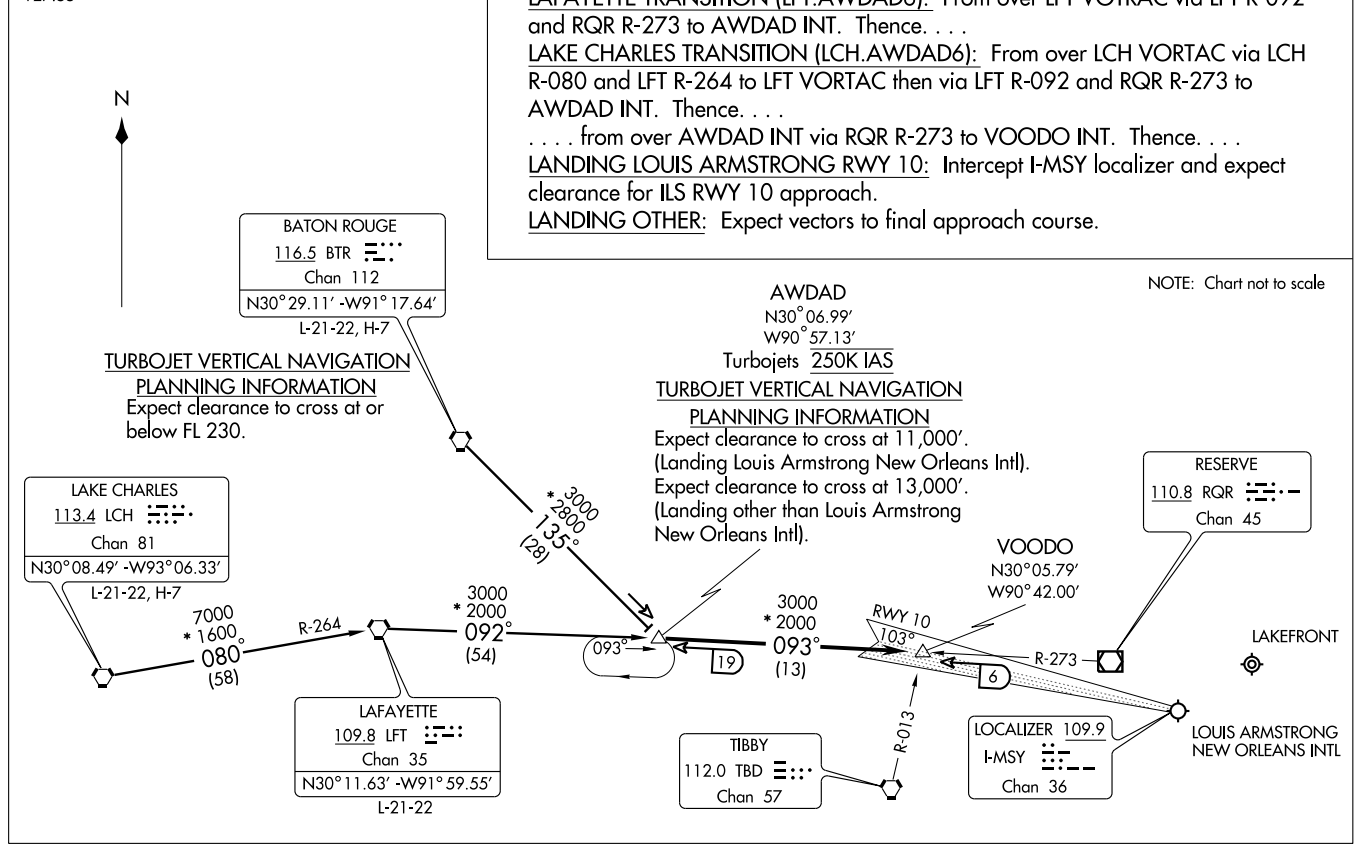
LAKE CHARLES TRANSITION (LCH.AWDAD6): From over LCH VORTAC via LCH R-080 and LFT R-264 to LFT VORTAC then via LFT R-092 and RQR R-273 to AWDAD INT. Thence. . . .

. . . . from over AWDAD INT via RQR R-273 to VOODO INT. Thence. . . .

LANDING LOUIS ARMSTRONG RWY 10: Intercept I-MSY localizer and expect clearance for ILS RWY 10 approach.

LANDING OTHER: Expect vectors to final approach course.

NOTE: Chart not to scale



LOC/DME I-NEW	APP CRS	Rwy Idg	6639
111.3	177°	TDZE	8
Chan 50		Apt Elev	8

ILS or LOC RWY 18R

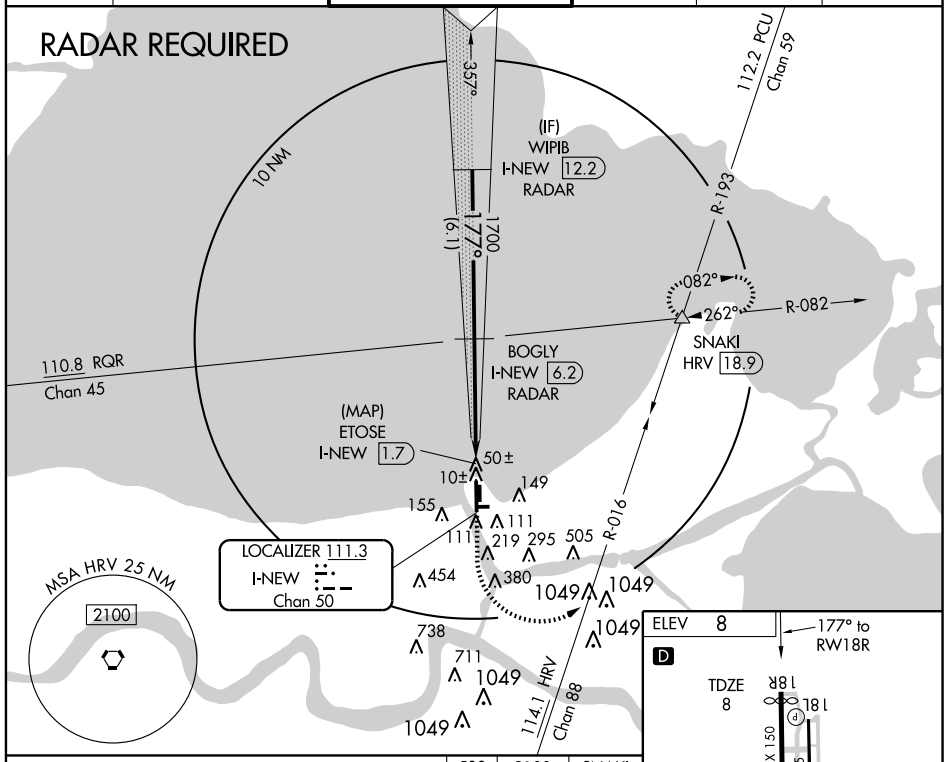
NEW ORLEANS/ LAKEFRONT (NEW)

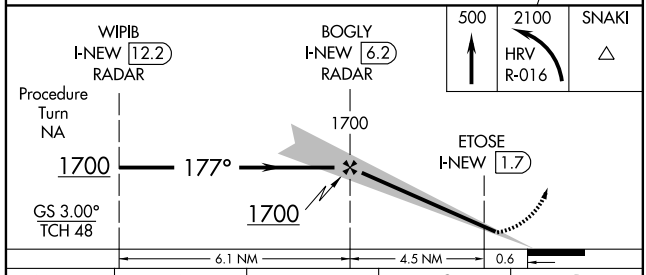
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase DA 29 feet and all MDAs 40 feet, increase S-ILS 18R visibility all Cats ¼ mile, and circling Cat D visibility ¼ mile. Visibility reduction by helicopters NA. DME or RADAR required.

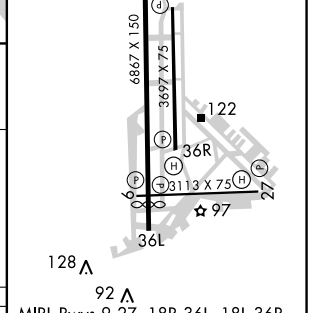
MISSED APPROACH: Climb to 500 then climbing left turn to 2100 via HRV VORTAC R-016 to SNAKI INT and hold.

ATIS	NEW ORLEANS APP CON	LAKEFRONT TOWER ★	GND CON	CLNC DEL	UNICOM
124.9	NORTH 133.15 290.3 SOUTH 123.85 256.9	119.9 (CTAF)	121.7	127.4	122.95

RADAR REQUIRED







MIRL Rwys 9-27, 18R-36L, 18L-36R
REIL Rwys 9, 18L, 36L and 36R

CATEGORY	A	B	C	D
S-ILS 18R	258-¾ 250 (300-¾)			
S-LOC 18R	300-1 292 (300-1)			
CIRCLING	520-1 512 (600-1)		520-1½ 512 (600-1½)	660-2 652 (700-2)

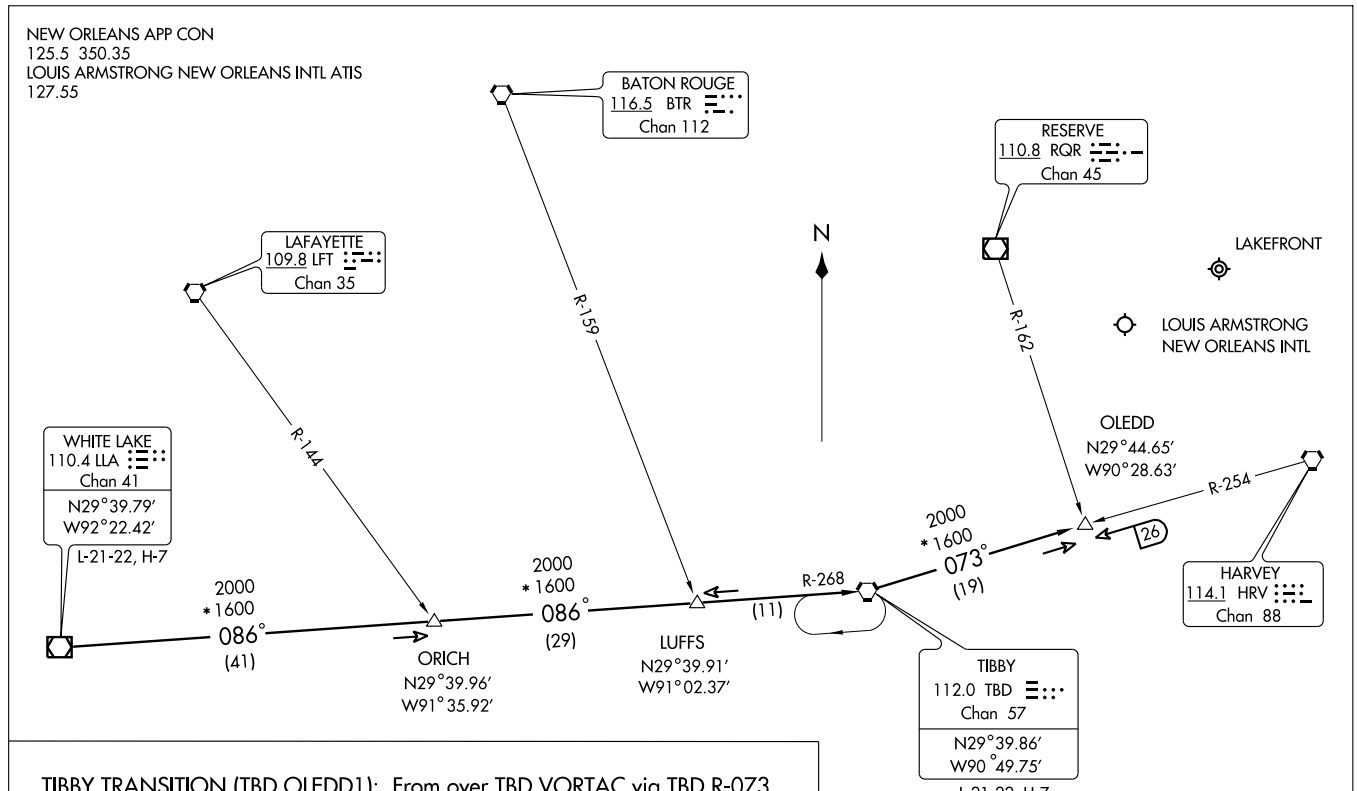
FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

OLEDD ONE ARRIVAL

NEW ORLEANS, LOUISIANA



TIBBY TRANSITION (TBD.OLEDD1): From over TBD VORTAC via TBD R-073 to OLEDD INT. Thence. . . .

WHITE LAKE TRANSITION (LLA.OLEDD1): From over LLA VORTAC via LLA R-086 to TBD VORTAC, then via TBD R-073 to OLEDD INT. Thence. . . .

. . . . Expect radar vectors to final approach course.

TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION

Expect clearance to cross at 11,000′

NOTE: Chart not to scale.

WAAS CH 61302 W18A	APP CRS 177°	Rwy Idg 6639 TDZE 8 Apt Elev 8

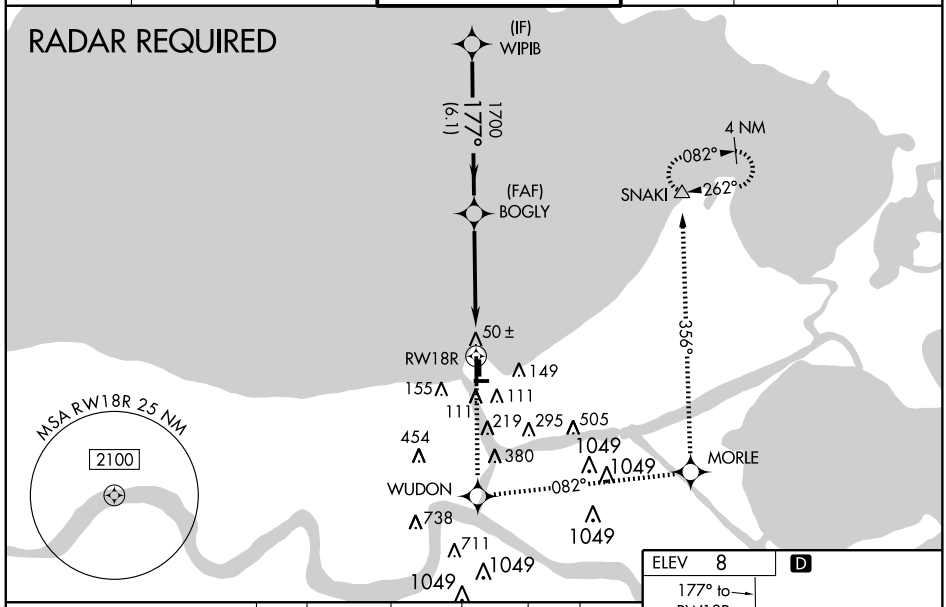
RNAV (GPS) RWY 18R

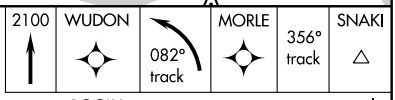
NEW ORLEANS/ LAKEFRONT (NEW)

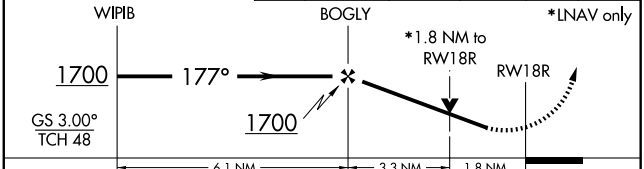
When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DAs 29 feet and all MDAs 40 feet. Increase LNAV/VNAV visibility all Cats ¼ mile. Increase LNAV and circling Cat C/D visibility ¼ mile. Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. VDP NA when using Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 2100 direct WUDON and left turn via 082° track to MORLE and via 356° track to SNAKI and hold.

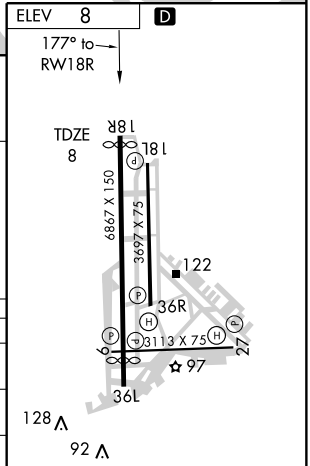
ATIS 124.9	NEW ORLEANS APP CON NORTH 133.15 290.3 SOUTH 123.85 256.9	LAKEFRONT TOWER ★ 119.9 (CTAF)	GND CON 121.7	CLNC DEL 127.4	UNICOM 122.95







CATEGORY	A	B	C	D
LPV DA	332-1¼	324 (400-1¼)		
LNAV/VNAV DA	524-1¾	516 (600-1¾)		
LNAV MDA	640-1	632 (700-1)	640-1¾ 632 (700-1¾)	640-2 632 (700-2)
CIRCLING	640-1	632 (700-1)	640-1¾ 632 (700-1¾)	660-2 652 (700-2)



MIRL Rwys 9-27, 18R-36L and 18L-36R
REIL Rwys 9, 18L, 36L and 36R

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6047
CH 86913	357°	TDZE	8
W36A		Apt Elev	8

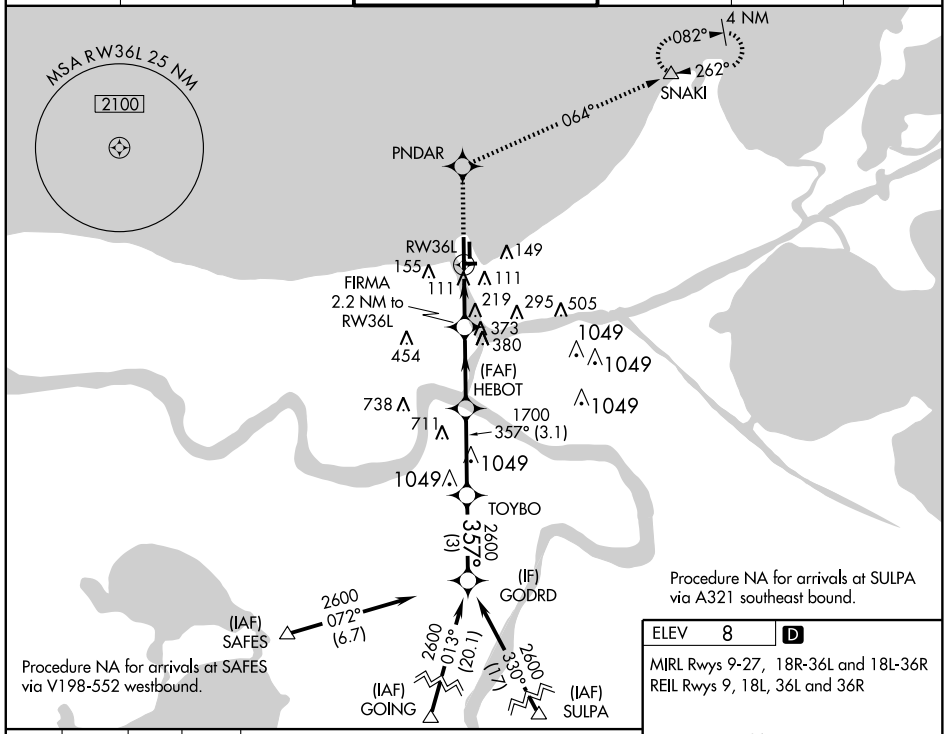
RNAV (GPS) RWY 36L

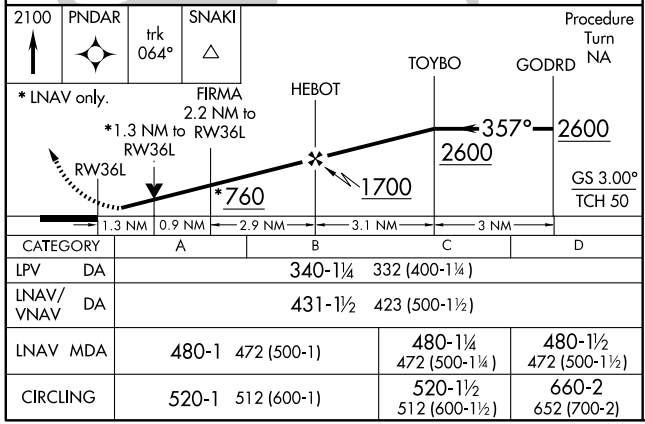
NEW ORLEANS/ LAKEFRONT (NEW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all DA 29 feet and all MDA 40 feet and increase LNAV Cat C/D and Circling Cat D visibilities ¼ mile. VDP and Baro-VNAV NA when using Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 2100 direct PNDAR and via track 064° to SNAKI and hold.

ATIS	NEW ORLEANS APP CON		LAKEFRONT TOWER ★	GND CON	CLNC DEL	UNICOM
124.9	NORTH	133.15 290.3	119.9 (CTAF)	121.7	127.4	122.95
	SOUTH	123.85 256.9				

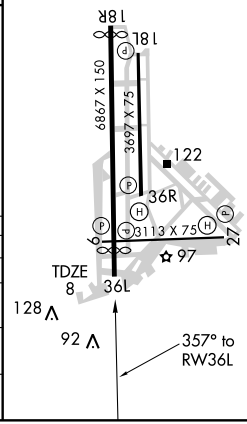




CATEGORY	A	B	C	D
LPV DA	340-1¼ 332 (400-1¼)			
LNAV/VNAV DA	431-1½ 423 (500-1½)			
LNAV MDA	480-1 472 (500-1)		480-1¼ 472 (500-1¼)	480-1½ 472 (500-1½)
CIRCLING	520-1 512 (600-1)		520-1½ 512 (600-1½)	660-2 652 (700-2)

ELEV 8 D

MIRL Rwys 9-27, 18R-36L and 18L-36R
REIL Rwys 9, 18L, 36L and 36R



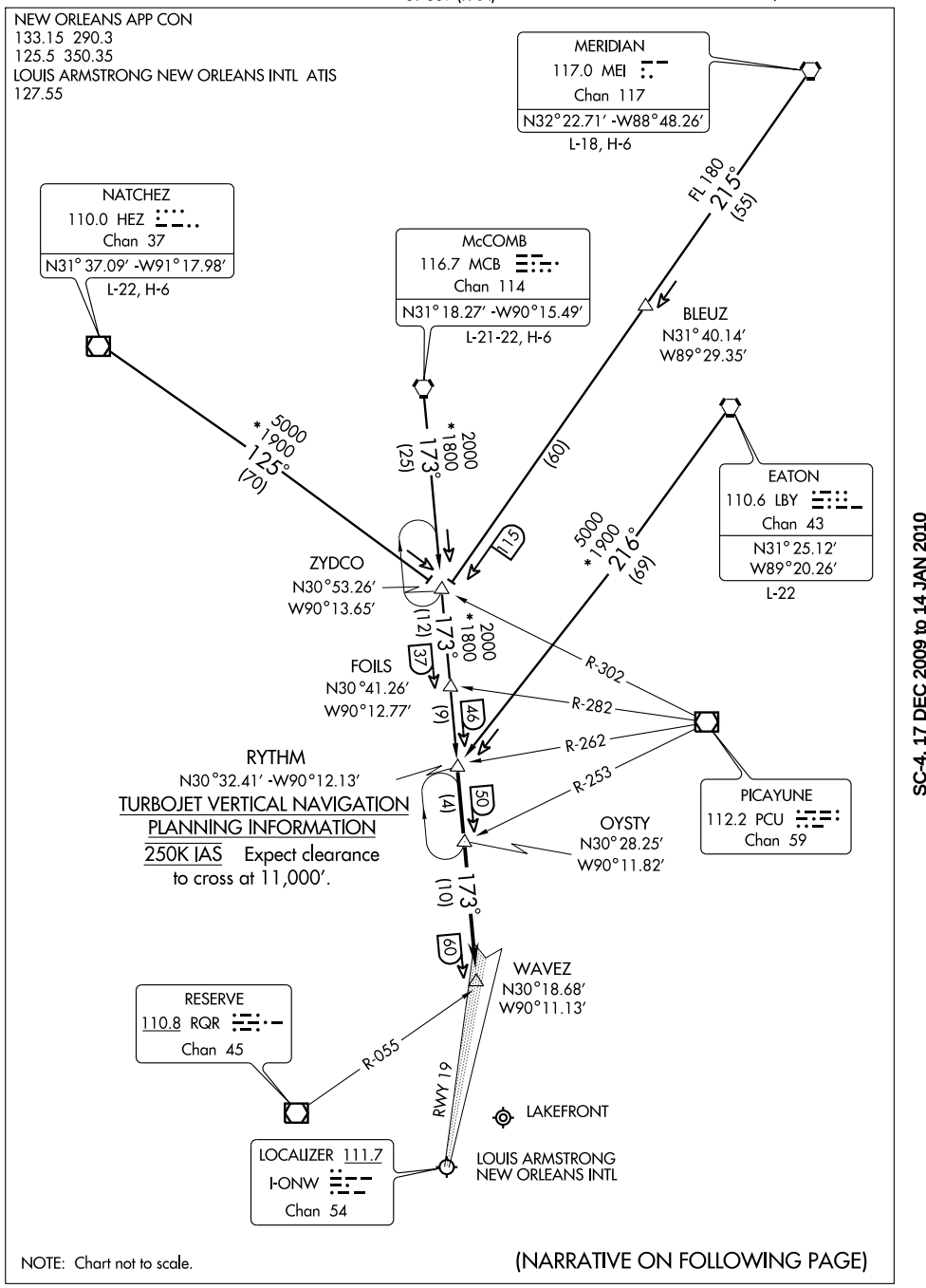
SC-4, 17 DEC 2009 to 14 JAN 2010

(RYTHM.RYTHM3) 07298

RYTHM THREE ARRIVAL

ST-609 (FAA)

NEW ORLEANS, LOUISIANA



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-4, 17 DEC 2009 to 14 JAN 2010

ARRIVAL DESCRIPTION

EATON TRANSITION (LBY.RYTHM3): From over LBY VORTAC via LBY R-216 to RYTHM INT. Thence. . . .
McCOMB TRANSITION (MCB.RYTHM3): From over MCB VORTAC via MCB R-173 to RYTHM INT. Thence. . . .
MERIDIAN TRANSITION (MEI.RYTHM3): From over MEI VORTAC via MEI R-215 to ZYDCO INT then via MCB R-173 to RYTHM INT. Thence. . . .
NATCHEZ TRANSITION (HEZ.RYTHM3): From over HEZ VOR/DME via HEZ R-125 to ZYDCO INT then via MCB R-173 to RYTHM INT. Thence. . . .
. . . . From over RYTHM INT via MCB R-173 to WAVEZ INT. Thence. . . .

LANDING LOUIS ARMSTRONG RWY 19: Intercept I-ONW localizer course and expect clearance for LOC Rwy approach.
LANDING OTHER: Expect vectors to final approach course.

SLIDD TWO ARRIVAL

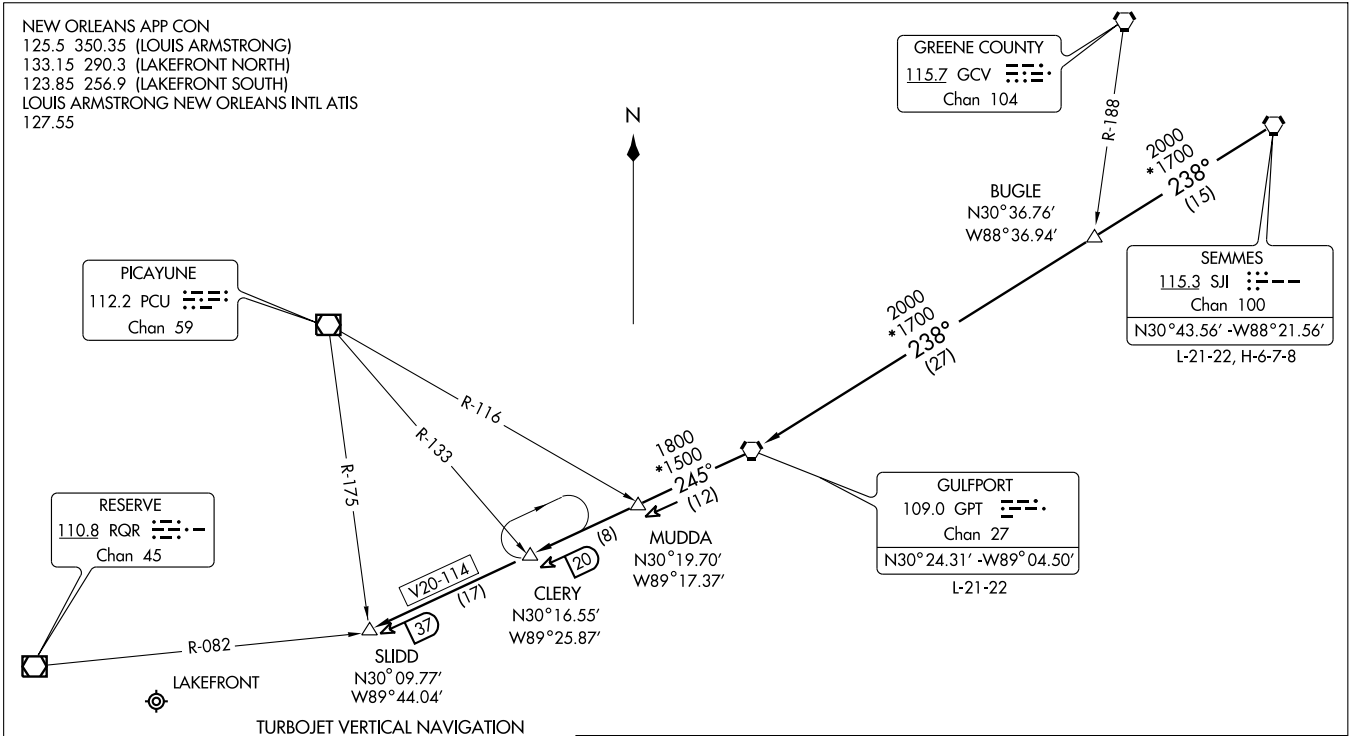
(SLIDD.SLIDD2)

09239

ST-609 (FAA)

NEW ORLEANS, LOUISIANA

NEW ORLEANS APP CON
125.5 350.35 (LOUIS ARMSTRONG)
133.15 290.3 (LAKEFRONT NORTH)
123.85 256.9 (LAKEFRONT SOUTH)
LOUIS ARMSTRONG NEW ORLEANS INTL ATIS
127.55



TURBOJET VERTICAL NAVIGATION PLANNING INFORMATION

Expect clearance to cross at 11,000′

GULFPORT TRANSITION (GPT.SLIDD2): From over GPT VOR/DME via GPT R-245 to SLIDD INT. Thence. . . .

SEMMES TRANSITION (SJI.SLIDD2): From over SJI VORTAC via SJI R-238 to GPT VOR/DME, then via GPT R-245 to SLIDD INT. Thence. . . . . Expect vectors to final approach course.

NOTE: Chart not to scale.

VORTAC HRV	APP CRS	Rwy Idg	6047
114.1	351°	TDZE	8
Chan 88		Apt Elev	8

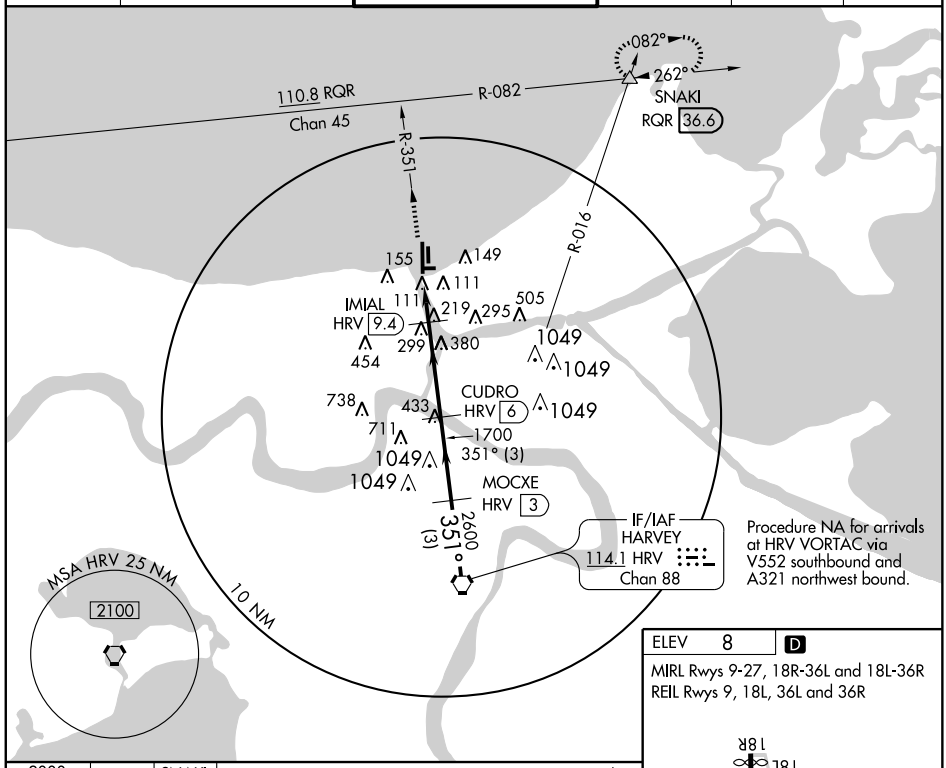
VOR/DME RWY 36L

NEW ORLEANS/ LAKEFRONT (NEW)

▼ Visibility reduction by helicopters NA.
▲ When local altimeter setting not received, use Louis Armstrong New Orleans Intl altimeter setting and increase all MDA 40 feet and increase S-36L Cat C/D and Circling Cat D visibilities ¼ mile.

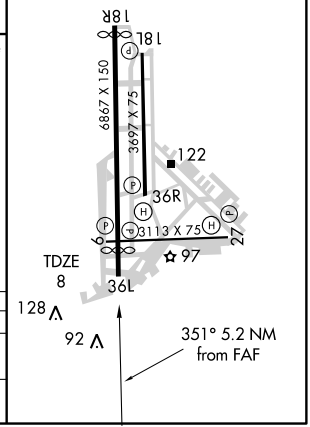
MISSED APPROACH: Climb to 2000 via HRV R-351 and RQR R-082 to SNAKI INT/RQR 36.6 DME and hold.

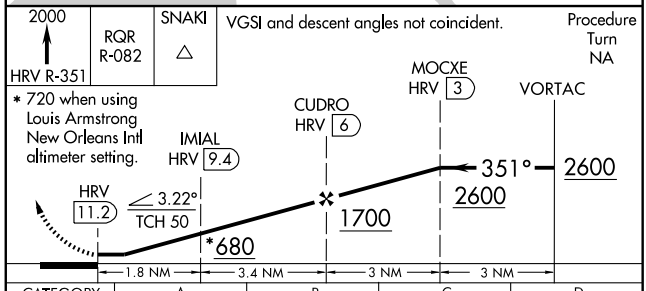
ATIS	NEW ORLEANS APP CON	LAKEFRONT TOWER ★	GND CON	CLNC DEL	UNICOM
124.9	NORTH 133.15 290.3 SOUTH 123.85 256.9	119.9 (CTAF)	121.7	127.4	122.95



ELEV 8 D

MIRL Rwys 9-27, 18R-36L and 18L-36R
REIL Rwys 9, 18L, 36L and 36R





CATEGORY	A	B	C	D
S-36L	480-1 472 (500-1)		480-1¼ 472 (500-1¼)	480-1½ 472 (500-1½)
CIRCLING	520-1 512 (600-1)		520-1½ 512 (600-1½)	660-2 652 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-HZR	APP CRS	Rwy Idg	5003
111.9	360°	TDZE	37
		Apt Elev	40

LOC RWY 36

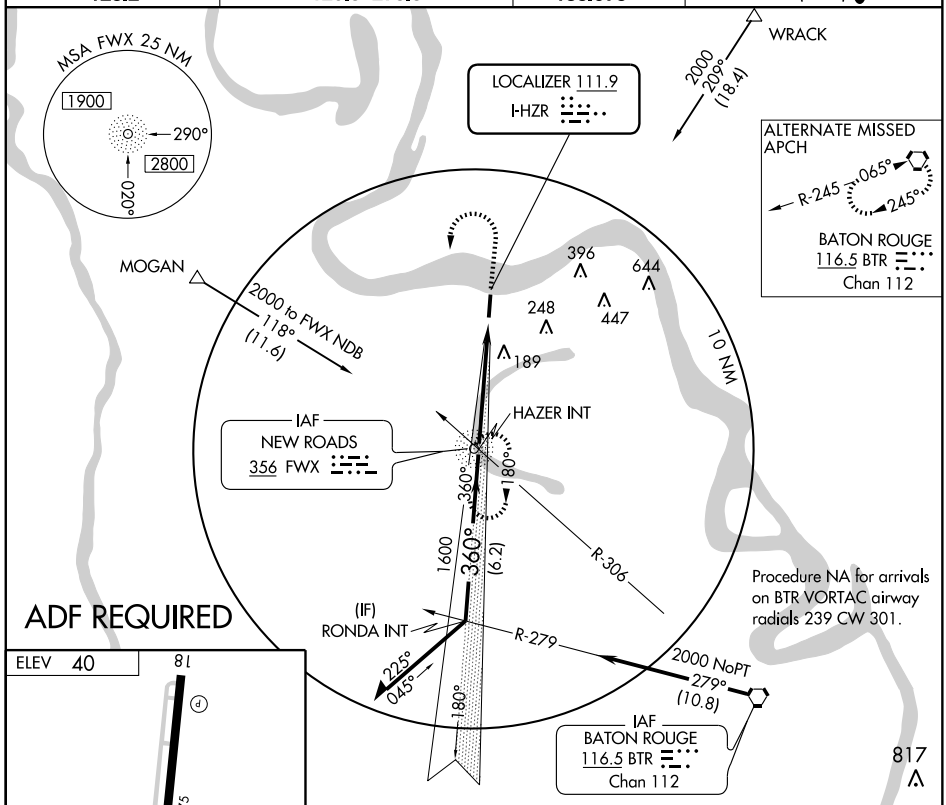
NEW ROADS/ FALSE RIVER RGNL (HZR)

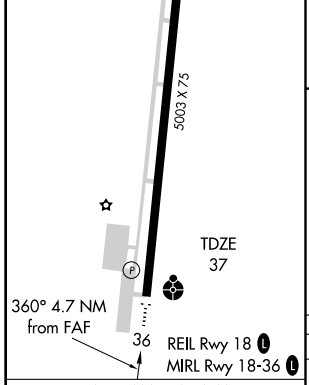
▼ ANA Inoperative table does not apply. ADF required. Visibility reduction by helicopters NA. Use Baton Rouge altimeter setting; when not received, use Lafayette Rgnl altimeter setting and increase all MDA 60 feet, and increase S-36 Cat D and circling Cat C visibility ¼ mile.

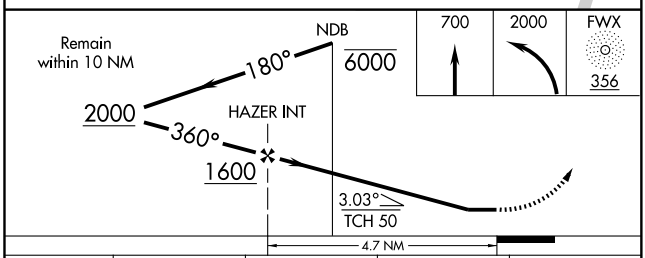
ODALS

MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct FWX NDB and hold.

BATON ROUGE ASOS	BATON ROUGE APP CON ★	GCO	UNICOM
125.2	120.3 278.3	135.075	122.8 (CTAF) L







FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D
S-36	540-1 503 (500-1)		540-1½ 503 (500-1½)	
CIRCLING	540-1 500 (500-1)		600-1½ 560 (600-1½)	600-2 560 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

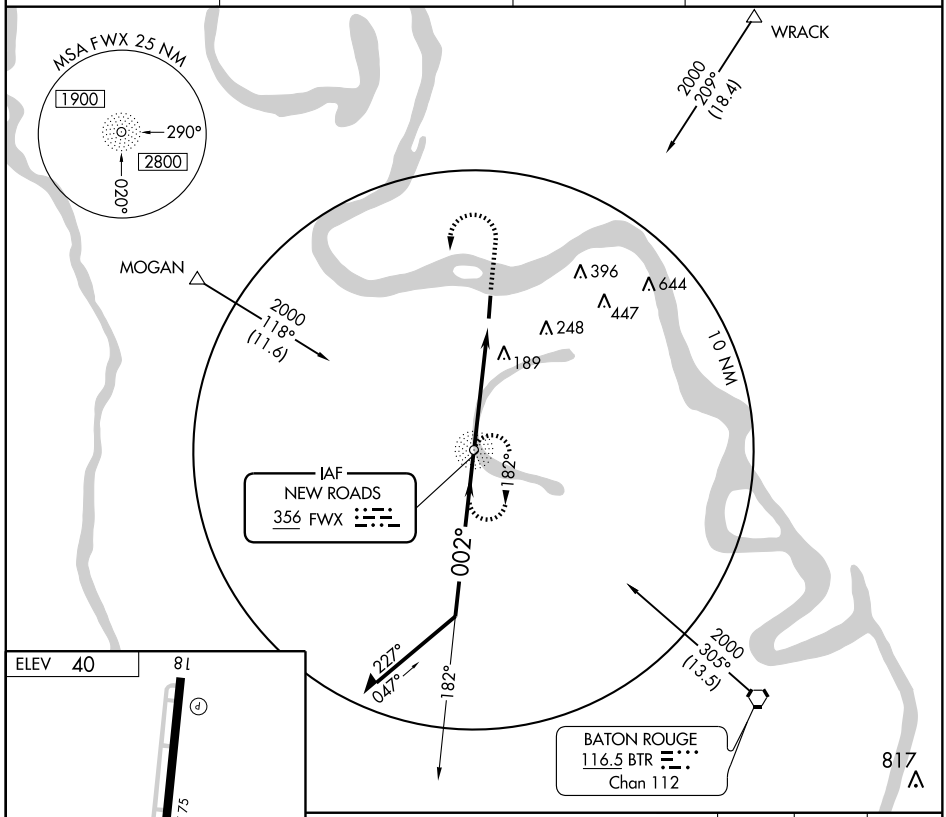
NDB FWX 356	APP CRS 002°	Rwy Idg 5003 TDZE 37 Apt Elev 40

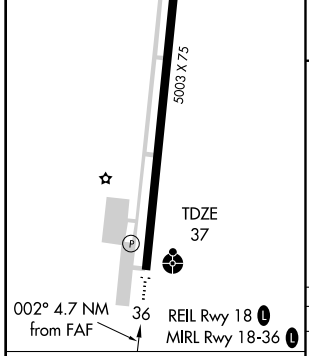
NDB RWY 36

NEW ROADS/FALSE RIVER RGNL (HZR)

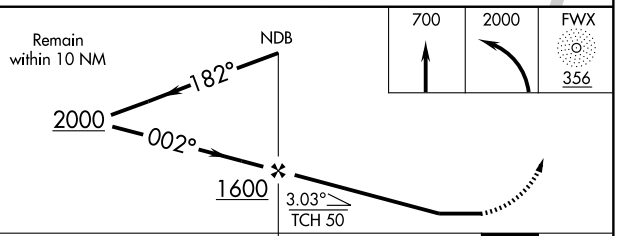
▼ NA Inoperative table does not apply. Use Baton Rouge altimeter setting; when not received, use Lafayette Rgnl altimeter setting and increase all MDA 60 feet, and increase S-36 Cats C and D and circling Cat C visibility ¼ mile.	ODALS	MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct FWX NDB and hold.	

BATON ROUGE ASOS	BATON ROUGE APP CON ★	GCO	UNICOM
125.2	120.3 278.3	135.075	122.8 (CTAF) L





FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S-36	600-1 563 (600-1)		600-1½ 563 (600-1½)	600-1¾ 563 (600-1¾)
CIRCLING	600-1 560 (600-1)		600-1½ 560 (600-1½)	600-2 560 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5003
180°	TDZE	40
	Apt Elev	40

RNAV (GPS) RWY 18

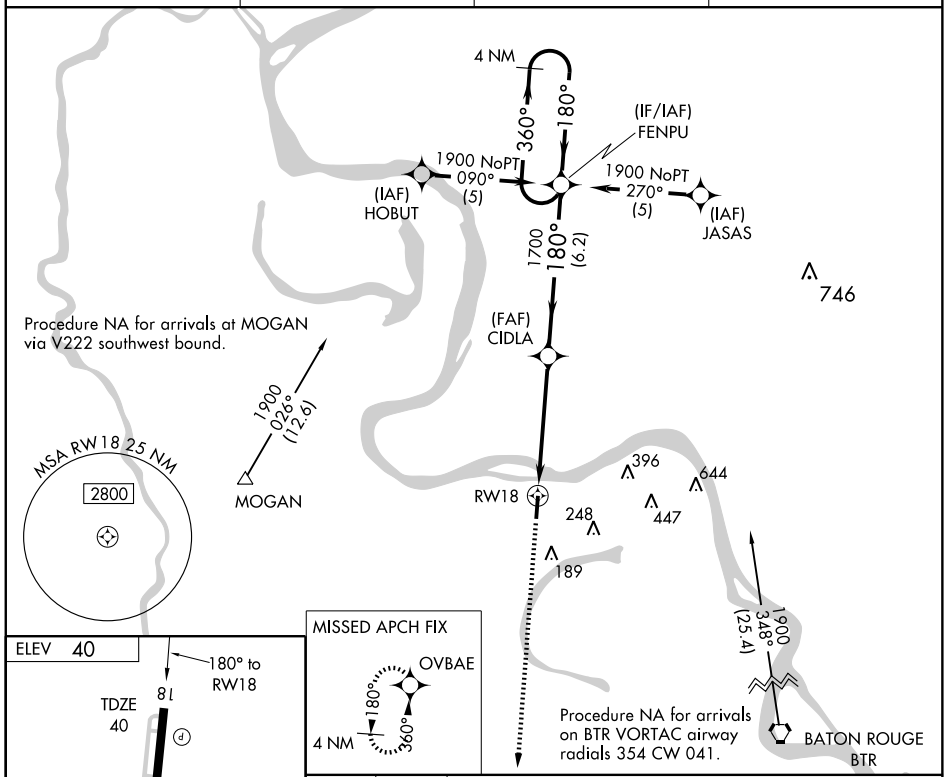
NEW ROADS/FALSE RIVER RGNL (HZR)

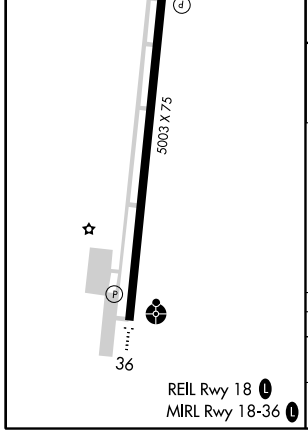
DME/DMERNP-0.3 NA. Visibility reduction by helicopters NA. Use Baton Rouge altimeter setting; when not received, use Lafayette Regnl altimeter setting and increase all MDA 60 feet and Circling Cat. C visibility ¼ mile.

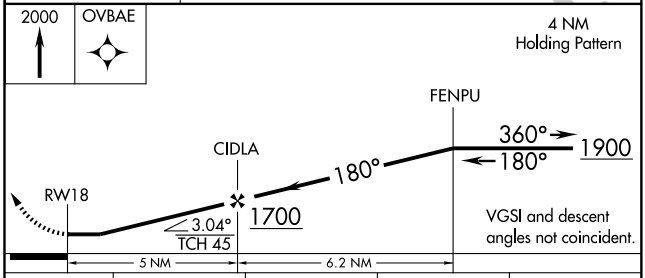
NA

MISSED APPROACH: Climb to 2000 direct OVBAE and hold.

BATON ROUGE ASOS	BATON ROUGE APP CON ★	GCO	UNICOM
125.2	120.3 278.3	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	560-1	520 (600-1)	560-1½ 520 (600-1½)	560-1¾ 520 (600-1¾)
CIRCLING	560-1	520 (600-1)	600-1½ 560 (600-1½)	600-2 560 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5003
CH 42607	360°	TDZE	37
W36A		Apt Elev	40

RNAV (GPS) RWY 36

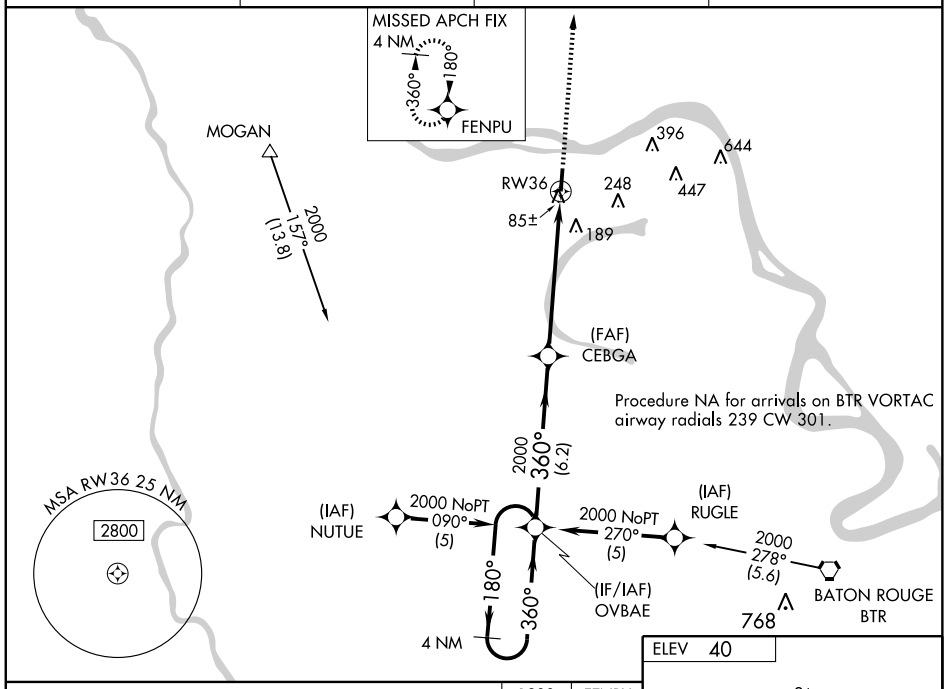
NEW ROADS/FALSE RIVER RGNL (HZR)

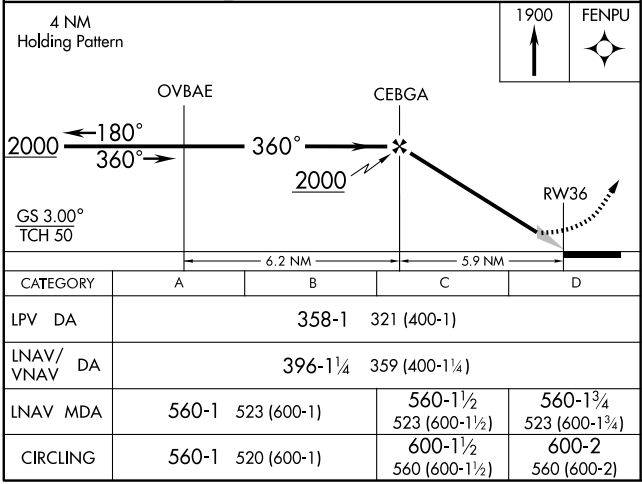
▼ ▲ NA — Inoperative table does not apply. BARO-VNAV NA. Use Baton Rouge altimeter setting; when not received, use Lafayette Rgnl altimeter setting and increase all DA 43 feet and all MDA 60 feet, increase LPV and LNAV/VNAV all Cats and Circling Cat C visibility ¼ mile.

ODALS

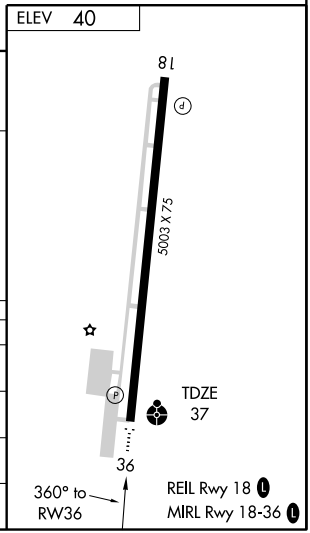
MISSED APPROACH: Climb to 1900 direct FENPU and hold.

BATON ROUGE ASOS	BATON ROUGE APP CON ★	GCO	UNICOM
125.2	120.3 278.3	135.075	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	358-1 321 (400-1)			
LNAV/VNAV DA	396-1¼ 359 (400-1¼)			
LNAV MDA	560-1 523 (600-1)		560-1½ 523 (600-1½)	560-1¾ 523 (600-1¾)
CIRCLING	560-1 520 (600-1)		600-1½ 560 (600-1½)	600-2 560 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC BTR 116.5 Chan 112	APP CRS 320°	Rwy Idg N/A TDZE N/A Apt Elev 40

VOR/DME-A

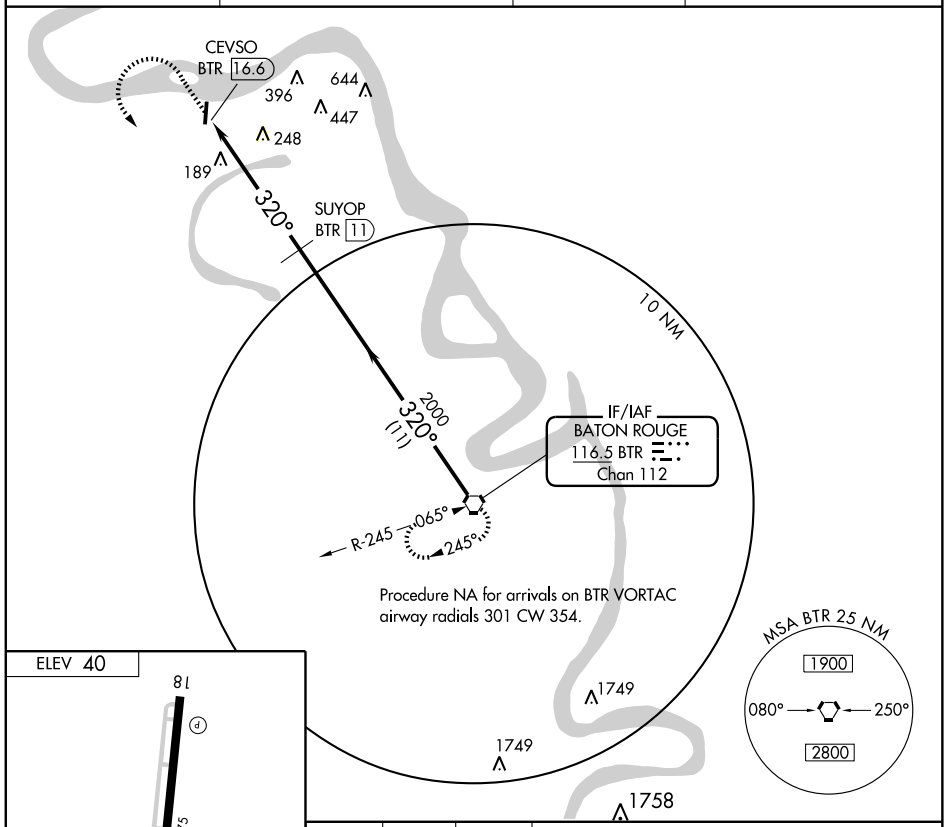
NEW ROADS/ FALSE RIVER RGNL (HZR)

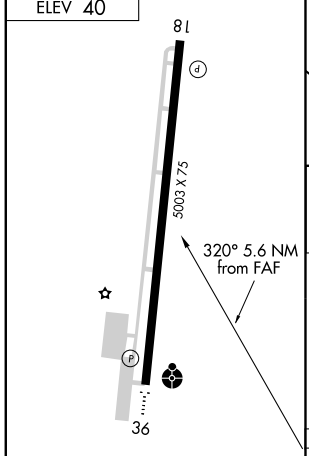
Use Baton Rouge altimeter setting; when not received, use LaFayette Rgnl altimeter setting and increase all MDA 60 feet, and increase Cat C visibility ¼ mile.

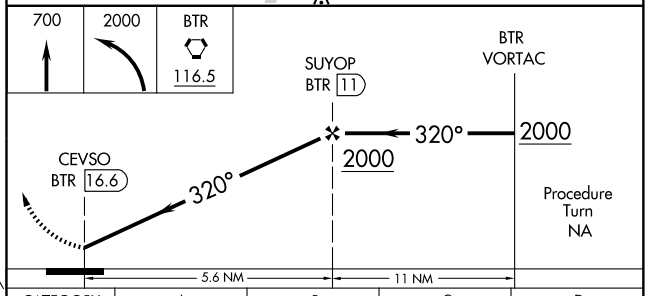
NA

MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct BTR VORTAC and hold.

BATON ROUGE ASOS	BATON ROUGE APP CON★	GCO	UNICOM
125.2	120.3 278.3	135.075	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	560-1	520 (600-1)	600-1½ 560 (600-1½)	600-2 560 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB LRR	APP CRS	Rwy Idg	4994
379	357°	TDZE	107
		Apt Elev	107

NDB RWY 36

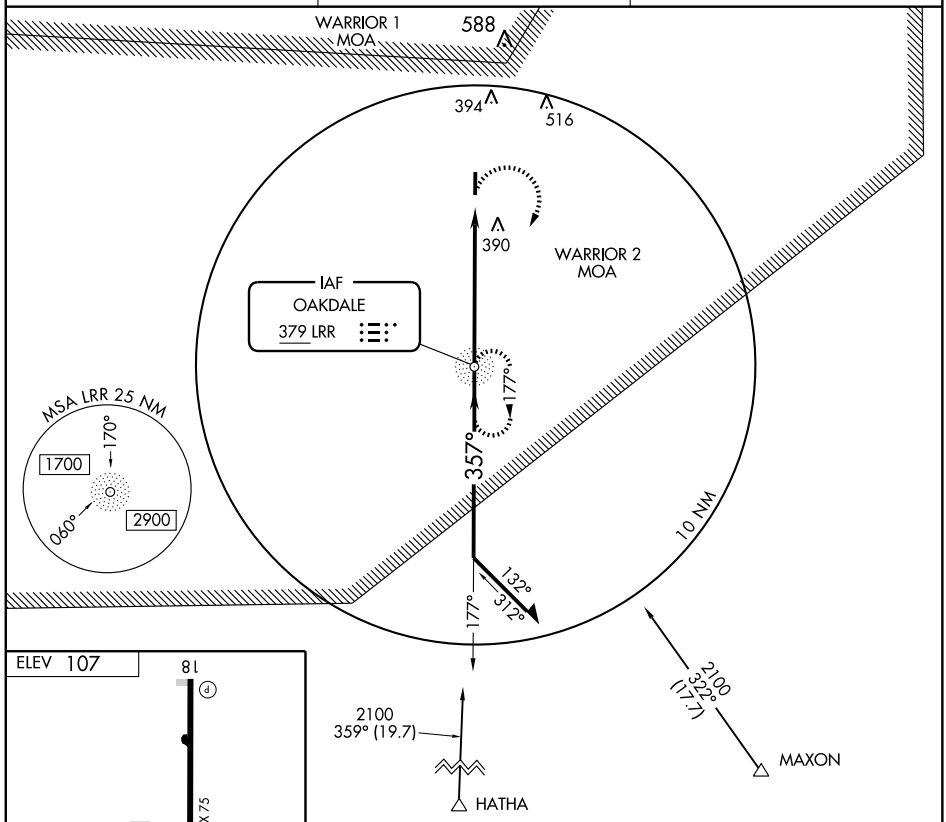
OAKDALE/ ALLEN PARISH (ACP)

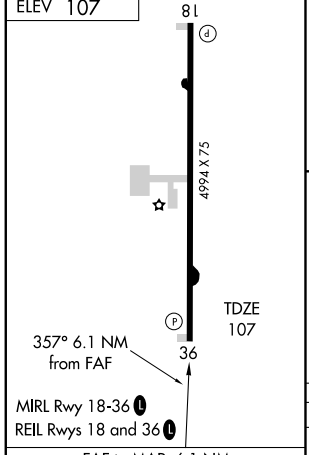
▼ If local altimeter setting not received, use Alexandria Intl altimeter setting and increase all MDAs 100 feet.

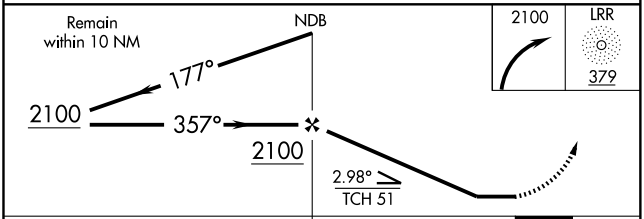
▲ NA

MISSED APPROACH: Climbing right turn to 2100 direct LRR NDB and hold.

AWOS-3	POLK APP CON	UNICOM
118.275	123.7 254.8	122.8 (CTAF) L







FAF to MAP 6.1 NM					
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

CATEGORY	A	B	C	D
S-36	760-1 653 (700-1)		760-1¾ 653 (700-1¾)	NA
CIRCLING	760-1 653 (700-1)		760-1¾ 653 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4994
CH 77914	177°	TDZE	104
W18A		Apt Elev	107

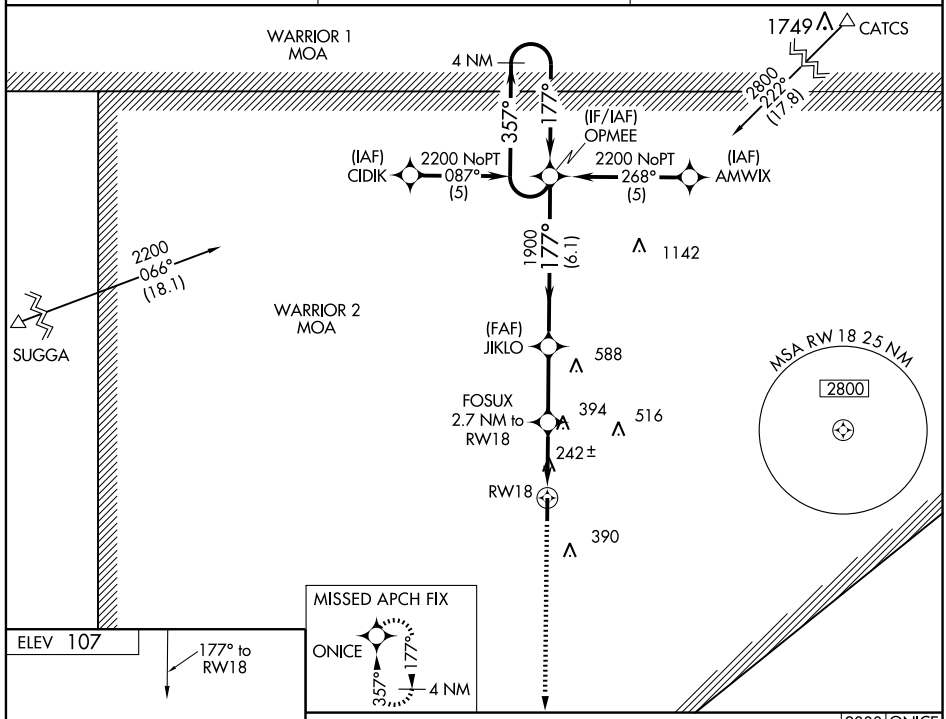
RNAV (GPS) RWY 18

OAKDALE/ ALLEN PARISH (ACP)

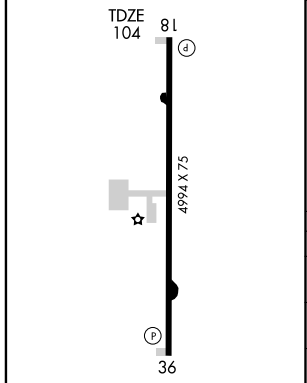
Baro-VNAV NA when using Alexandria Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Alexandria Intl altimeter setting. When local altimeter setting not received, use Alexandria Intl altimeter setting and increase all DA 84 feet, all MDA 100 feet. Increase LPV and LNAV/VNAV all Cats visibility ¼ mile, LNAV Cat C visibility ½ mile and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct ONICE and hold.

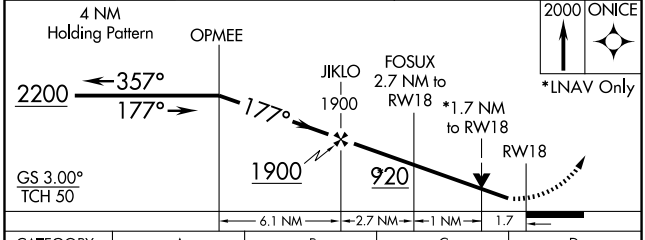
AWOS-3	POLK APP CON	UNICOM
118.275	123.7 254.8	122.8 (CTAF) L



ELEV 107



MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L



CATEGORY	A	B	C	D
LPV DA	515-1½ 411 (500-1½)			NA
LNAV/ VNAV DA	549-1½ 445 (500-1½)			NA
LNAV MDA	700-1 596 (600-1)		700-1½ 596 (600-1½)	NA
CIRCLING	700-1 593 (600-1)	740-1 633 (700-1)	740-1¾ 633 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4994
CH 49214	357°	TDZE	107
W36A		Apt Elev	107

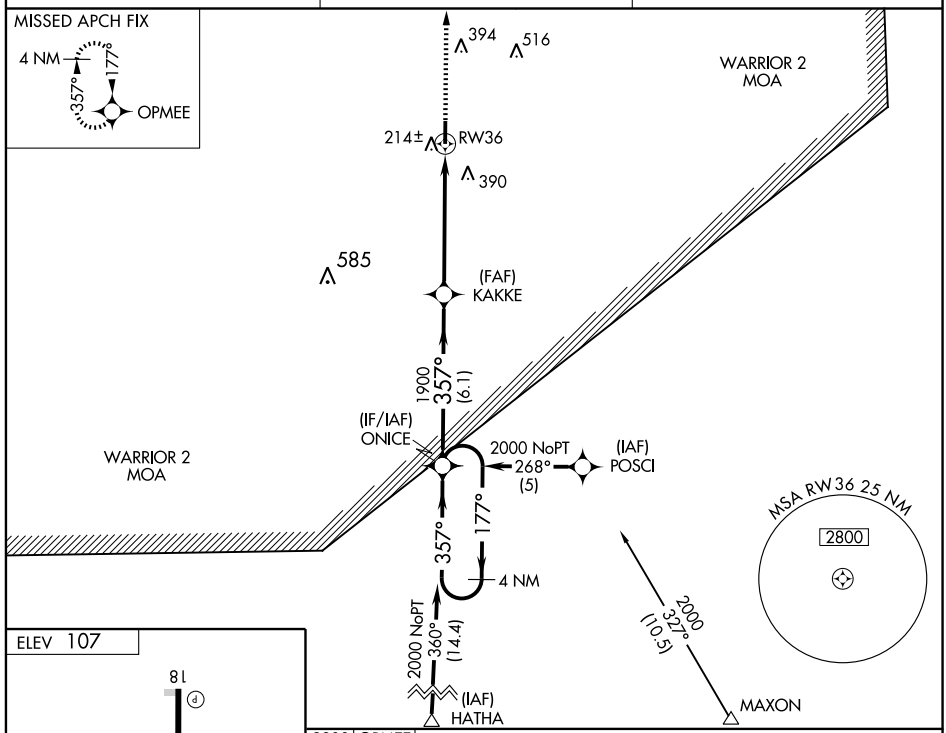
RNAV (GPS) RWY 36

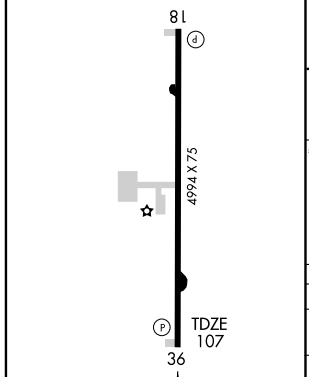
OAKDALE/ ALLEN PARISH (ACP)

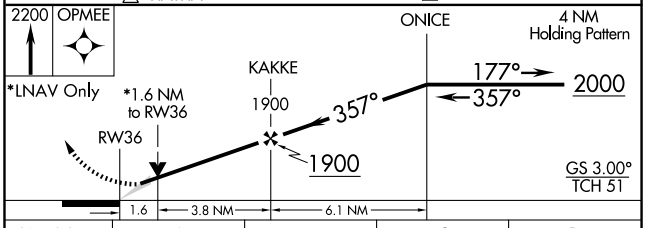
Baro-VNAV NA when using Alexandria Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP NA when using Alexandria Intl altimeter setting. When local altimeter setting not received, use Alexandria Intl altimeter setting and increase all DA 84 feet, all MDA 100 feet. Increase LPV all Cats, LNAV Cat C and Circling Cat C visibility ¼ mile, and LNAV/VNAV all Cats visibility ½ mile.

MISSED APPROACH: Climb to 2200 direct OPMEE and hold.

AWOS-3	POLK APP CON	UNICOM
118.275	123.7 254.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	413-1	306 (400-1)		NA
LNAV/ VNAV DA	702-2	595 (600-2)		NA
LNAV MDA	660-1	553 (600-1)	660-1½ 553 (600-1½)	NA
CIRCLING	660-1 553 (600-1)	740-1 633 (700-1)	740-1½ 633 (700-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB OPL	APP CRS	Rwy Idg	5849
335	176°	TDZE	71
		Apt Elev	75

NDB RWY 18

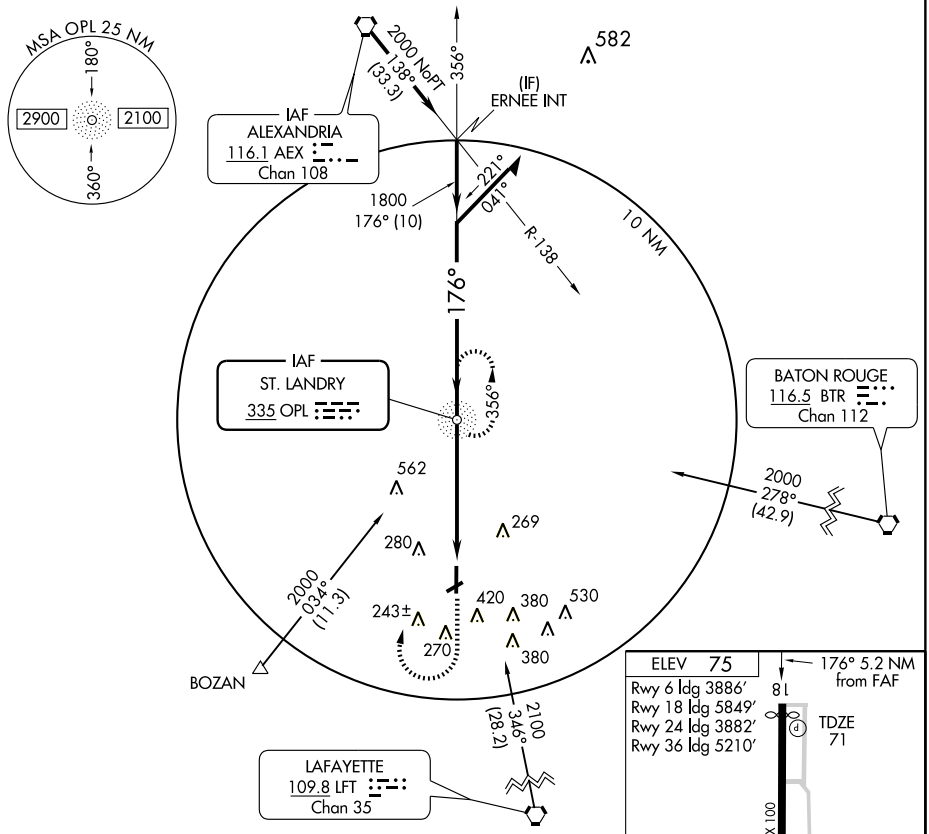
OPELOUSAS/ST. LANDRY PARISH-AHART FIELD (OPL)

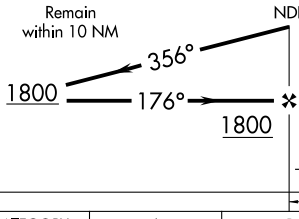
If local altimeter setting not received, use Lafayette Rgnl altimeter setting and increase all MDAs 60 feet.

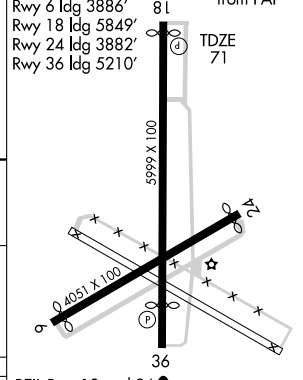
NA

MISSED APPROACH: Climb to 1000 then climbing right turn to 1800 direct OPL NDB and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	123.0 (CTAF) L







REIL Rwy 18 and 36 L

MIRL Rwys 18-36 L

CATEGORY	A	B	C	D
S-18	640-1 569 (600-1)		640-1½ 569 (600-1½)	640-1¾ 569 (600-1¾)
CIRCLING	780-1 705 (800-1)		780-2 705 (800-2)	780-2¼ 705 (800-2¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5849
176°	TDZE	71
	Apt Elev	75

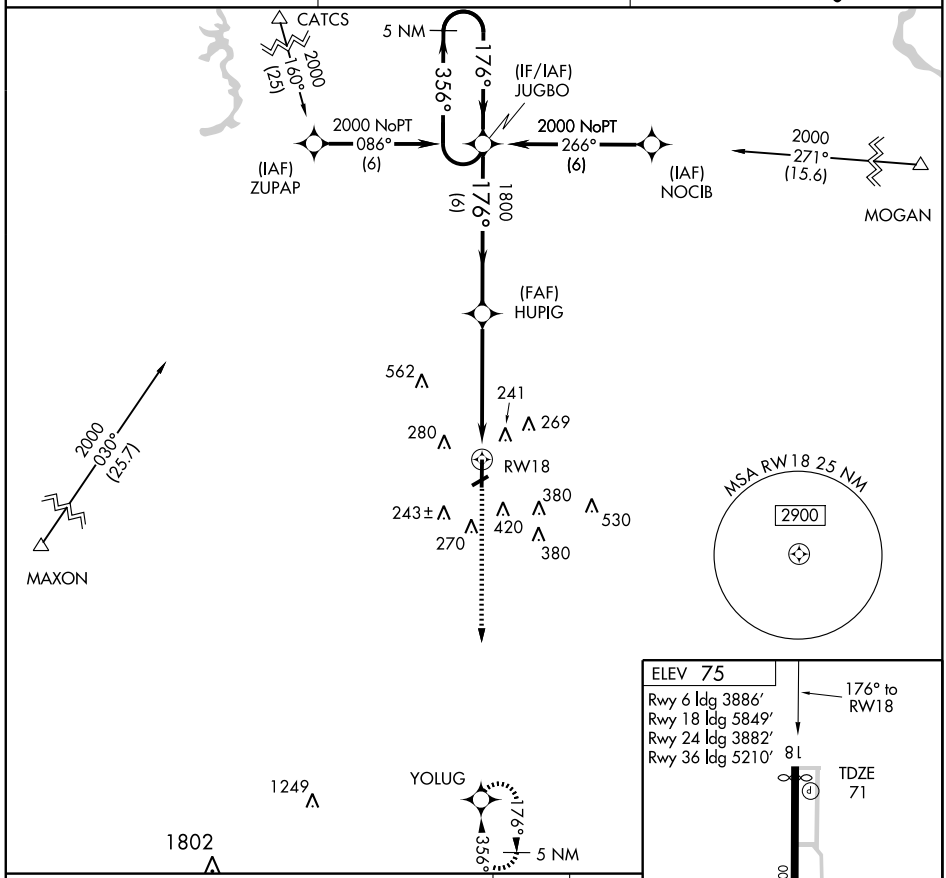
RNAV (GPS) RWY 18

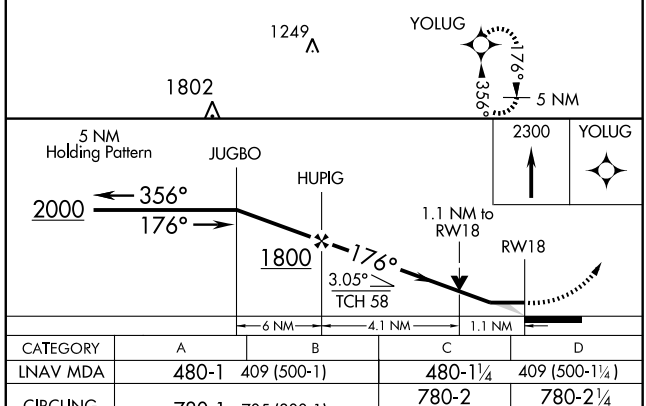
OPELOUSAS/ST. LANDRY PARISH-AHART FIELD (OPL)

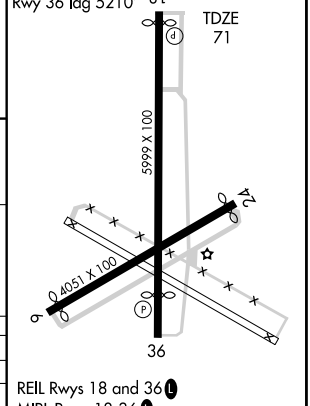
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Lafayette Rgnl altimeter setting and increase all MDAs 60 feet. VDP NA when using Lafayette Rgnl altimeter setting.

MISSED APPROACH: Climb to 2300 direct YOLUG and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	123.0 (CTAF) L







REIL Rwys 18 and 36 L
MIRL Rwys 18-36 L

CATEGORY	A	B	C	D
LNAV MDA	480-1	409 (500-1)	480-1¼	409 (500-1¼)
CIRCLING	780-1	705 (800-1)	780-2	780-2¼
			705 (800-2)	705 (800-2¼)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5210
356°	TDZE	74
	Apt Elev	75

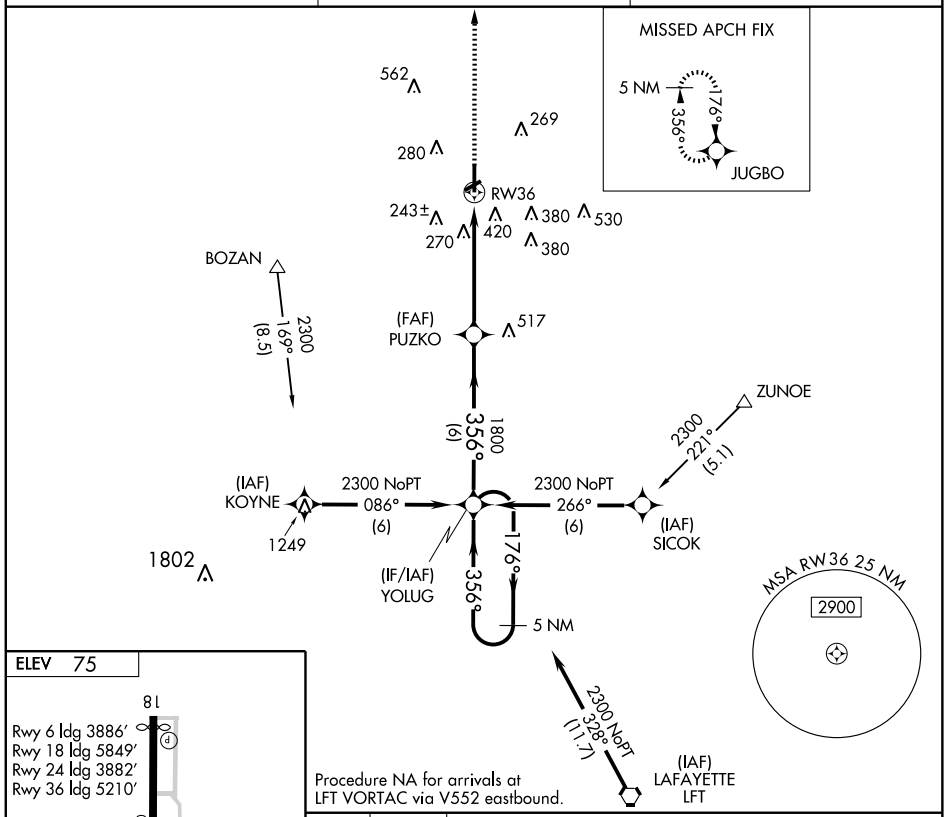
RNAV (GPS) RWY 36

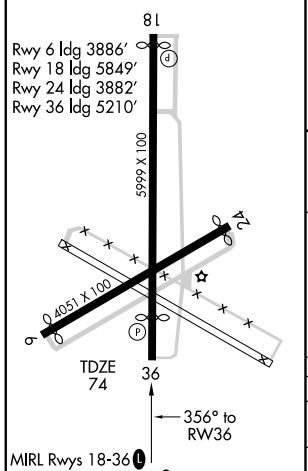
OPELOUSAS/ST. LANDRY PARISH-AHART FIELD (OPL)

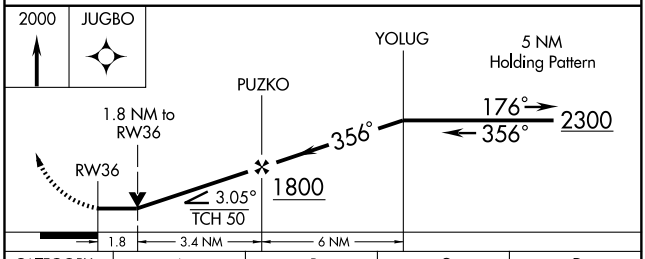
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Lafayette Rgnl altimeter setting and increase all MDAs 60 feet. VDP NA when using Lafayette Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct JUGBO and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1 626 (700-1)		700-1¾ 626 (700-1¾)	700-2 626 (700-2)
CIRCLING	780-1 705 (800-1)		780-2 705 (800-2)	780-2¼ 705 (800-2¼)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LFT	APP CRS	Rwy Idg	5210
109.8	343°	TDZE	74
Chan 35		Apt Elev	75

VOR/DME RWY 36

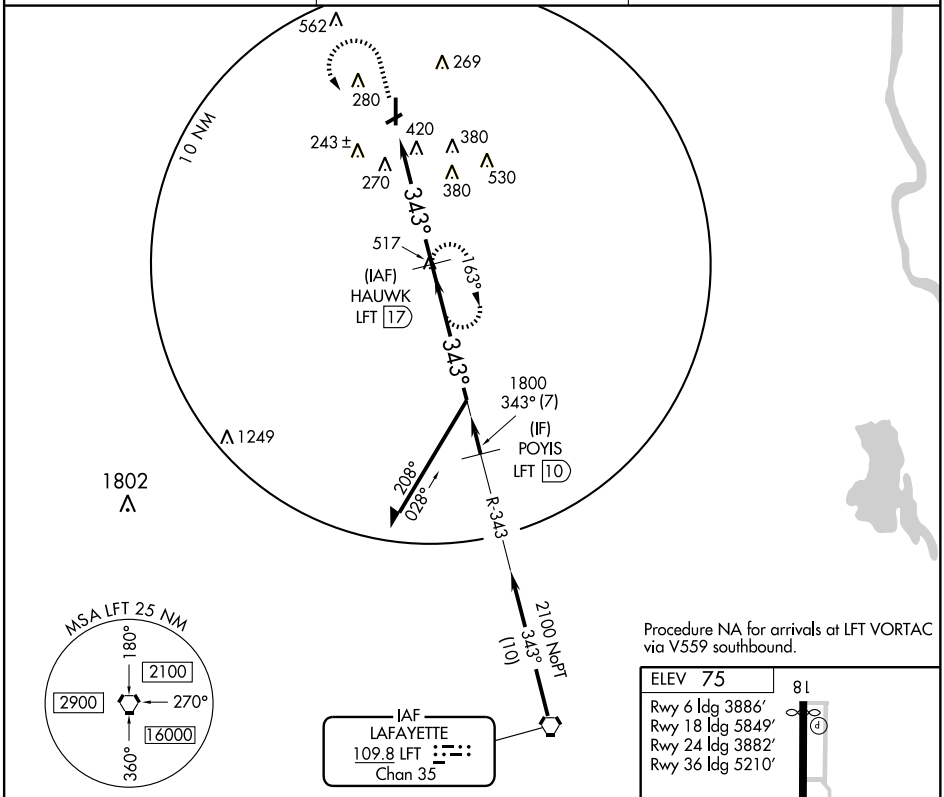
OPELOUSAS/ST. LANDRY PARISH-AHART FIELD (OPL)

If local altimeter setting not received, use Lafayette Rgnl altimeter setting and increase all MDAs 60 feet. Visibility reduction by helicopters NA.

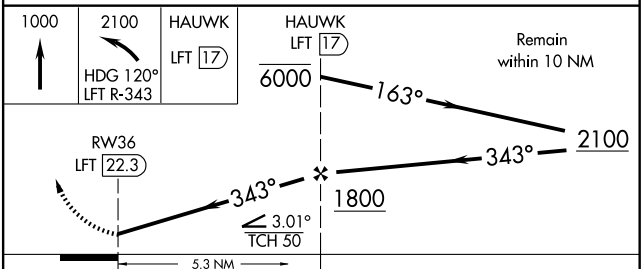
NA

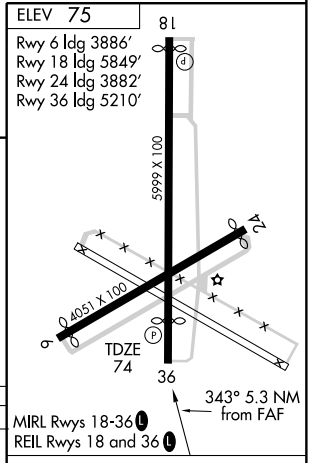
MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 via heading 120° and LFT R-343 to HAUWK 17 DME and hold.

LAFAYETTE APP CON ★	GCO	UNICOM
128.7 268.7	135.075	123.0 (CTAF) L



Procedure NA for arrivals at LFT VORTAC via V559 southbound.





CATEGORY	A	B	C	D
S-36	720-1 646 (700-1)	720-1¼ 646 (700-1¼)	720-1¾ 646 (700-1¾)	720-2 646 (700-2)
CIRCLING	780-1 705 (800-1)	780-1¼ 705 (800-1¼)	780-2 705 (800-2)	780-2¼ 705 (800-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-PTN	APP CRS	Rwy Idg	5399
108.3	238°	TDZE	9
Chan 20		Apt Elev	9

ILS RWY 24

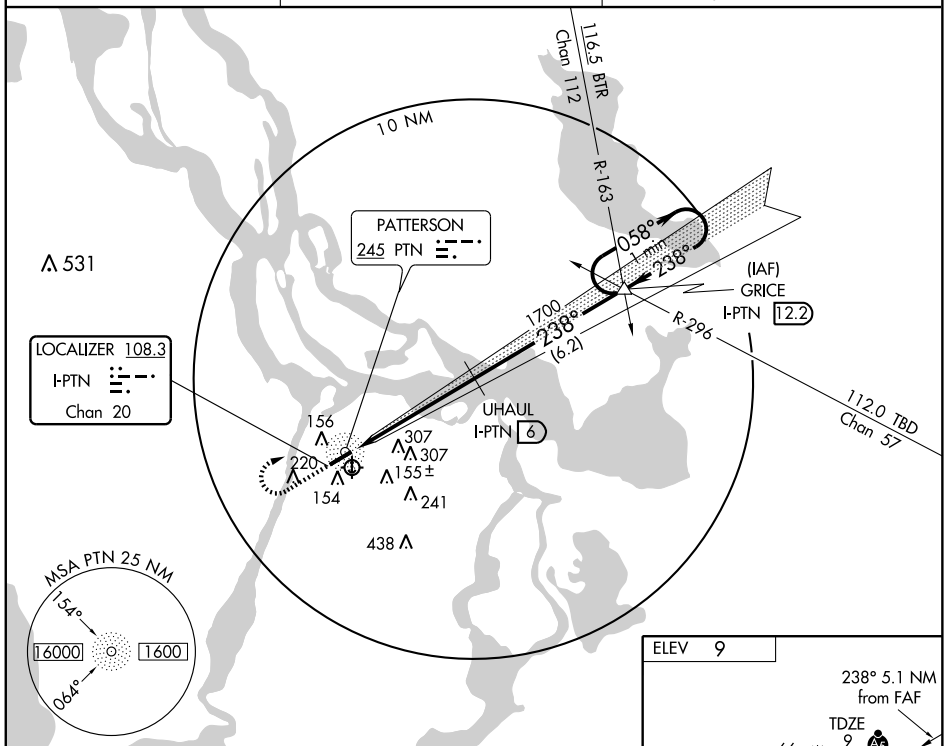
PATTERSON/ HARRY P. WILLIAMS MEMORIAL (PTN)

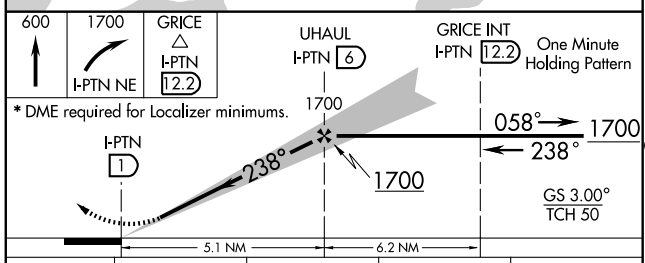
NA

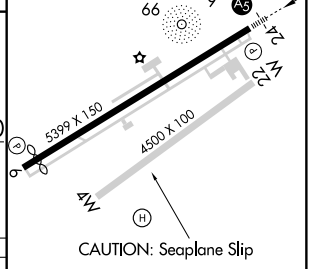
MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 1700 via I-PTN NE course to GRICE Int/I-PTN 12.2 DME and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
134.575	124.3 256.9	122.8 (CTAF) L (MIRL RWY 6-24)
		122.9 L (MIRL RWY 4W-22W)







CATEGORY	A	B	C	D
S-ILS 24	209-½ 200 (200-½)			NA
S-LOC 24 *	400-½ 391 (400-½)			NA
CIRCLING	520-1 511 (600-1)	580-1 571 (600-1)	620-1¾ 611 (700-1¾)	NA

MIRL Rwy 6-24 L
REIL Rwy 6 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB PTN	APP CRS		
245	052°	Rwy Idg	5005
		TDZE	9
		Apt Elev	9

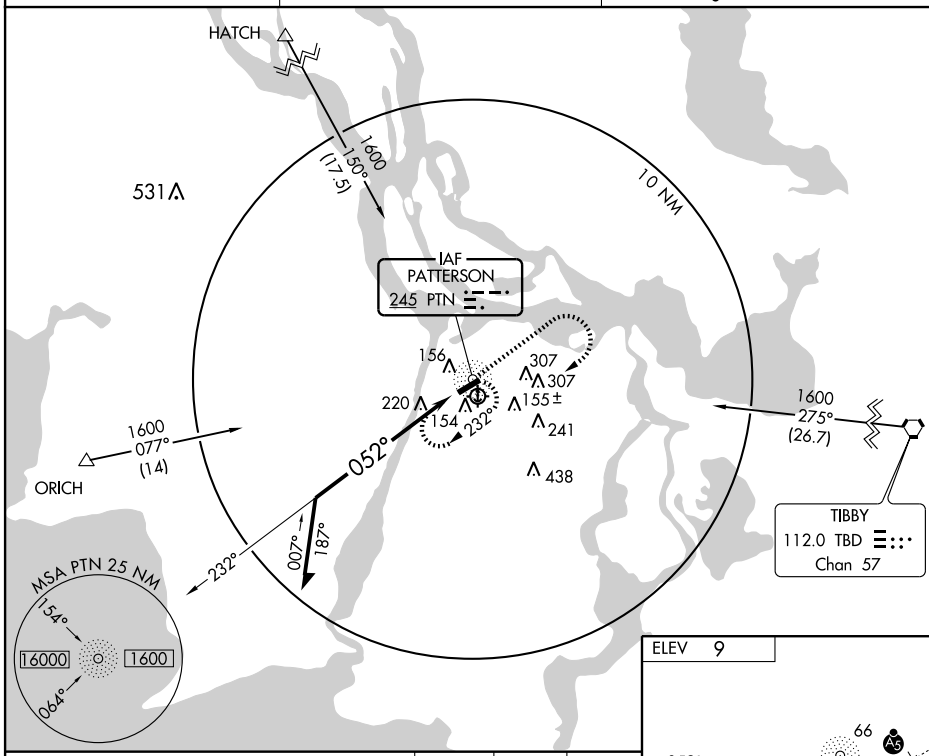
NDB RWY 6

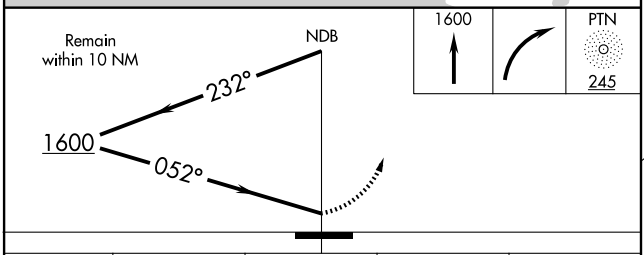
PATTERSON/HARRY P. WILLIAMS MEMORIAL (PTN)

NA

MISSED APPROACH: Climb to 1600, then right turn direct PTN NDB and hold.

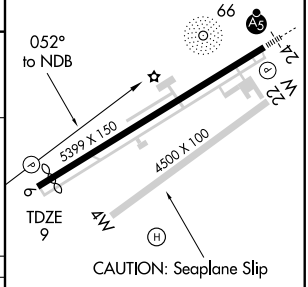
AWOS-3	NEW ORLEANS APP CON	UNICOM
134.575	124.3 256.9	122.8 (CTAF) L (MIRL RWY 6-24) 122.9 L (MIRL RWY 4W-22W)





CATEGORY	A	B	C	D
S-6	640-1	631 (700-1)	640-1¾ 631 (700-1¾)	NA
CIRCLING	640-1	631 (700-1)	640-1¾ 631 (700-1¾)	NA

ELEV 9



MIRL Rwy 6-24 L
REIL Rwy 6 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5005
058°	TDZE	9
	Apt Elev	9

RNAV (GPS) RWY 6

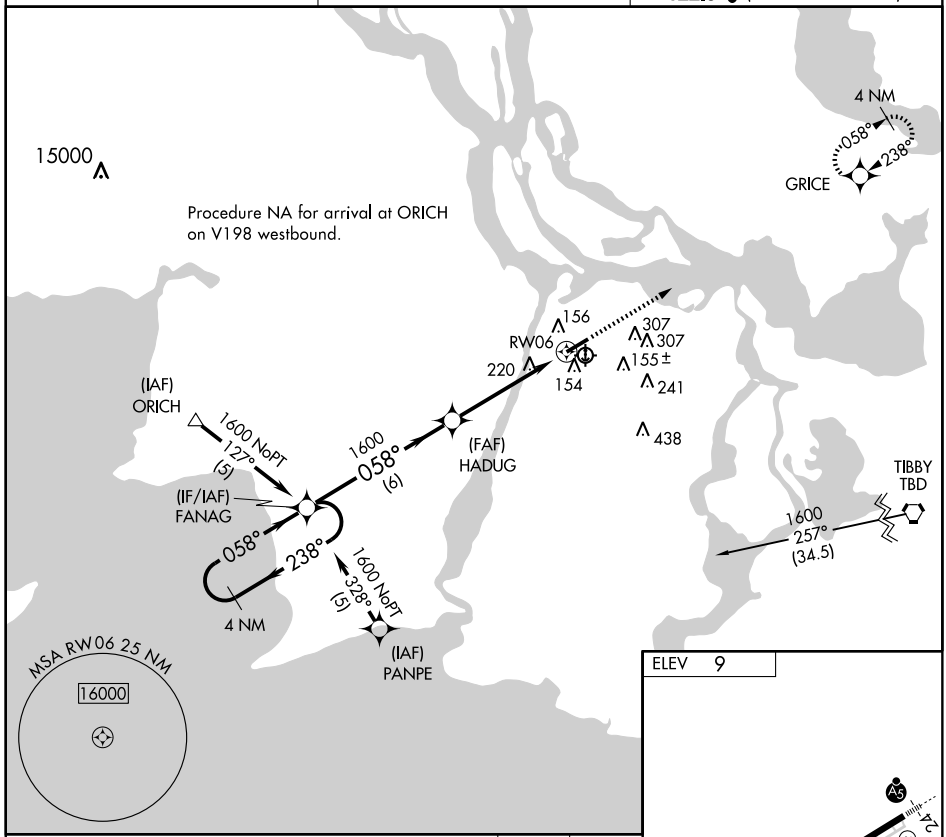
PATTERSON/ HARRY P. WILLIAMS MEMORIAL (PTN)

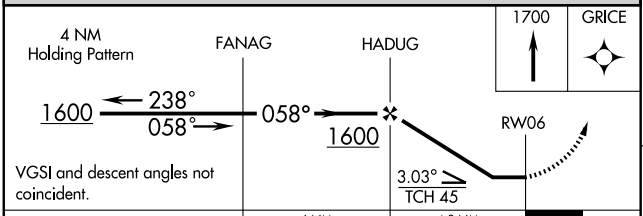
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. When VGSI inoperative, straight-in/circling Rwy 6 procedure NA at night.

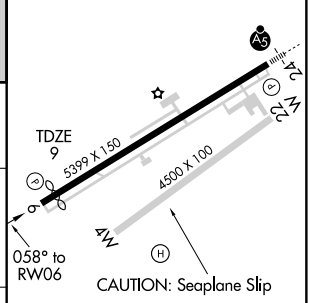
NA

MISSED APPROACH: Climb to 1700 direct GRICE WP and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
134.575	124.3 256.9	122.8 (CTAF) L (MIRL RWY 6-24) 122.9 L (MIRL RWY 4W-22W)







CATEGORY	A	B	C	D
LNAV MDA	540-1 531 (600-1)		540-1½ 531 (600-1½)	NA
CIRCLING	540-1 531 (600-1)	580-1 571 (600-1)	620-1¾ 611 (700-1¾)	NA

REIL Rwy 6 L
MIRL Rwy 6-24 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5399
238°	TDZE	9
	Apt Elev	9

RNAV (GPS) RWY 24

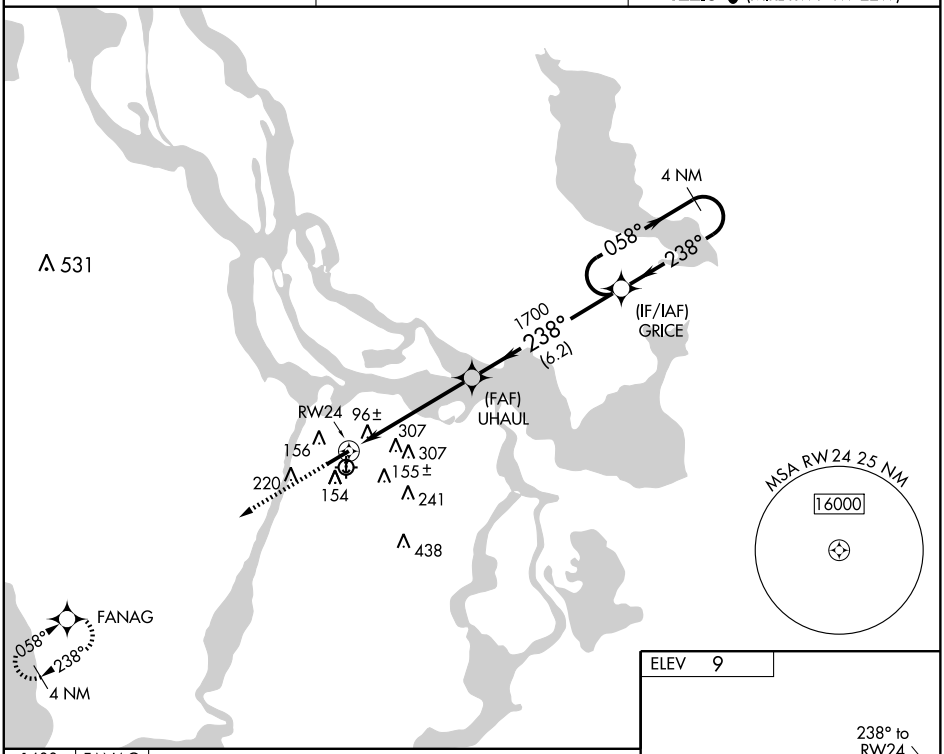
PATTERSON/ HARRY P. WILLIAMS MEMORIAL (PTN)

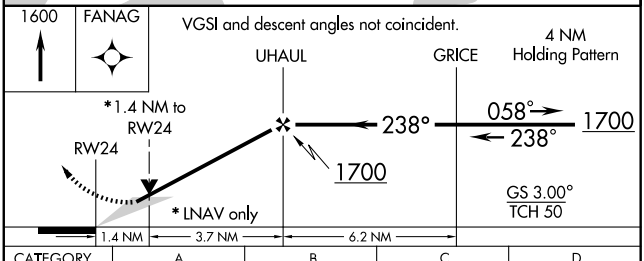
T BARO VNAV NA below -15°C (5°F). When VGSI inoperative, circling Rwy 6 NA at night.
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

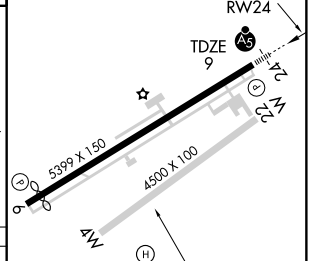
MALSR

MISSED APPROACH: Climb to 1600 direct FANAG WP and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
134.575	124.3 256.9	122.8 (CTAF) L (MIRL RWY 6-24) 122.9 L (MIRL RWY 4W-22W)







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	380-¾ 371 (400-¾)			NA
LNAV MDA	500-½ 491 (500-½)		500-¾ 491 (500-¾)	NA
CIRCLING	520-1¼ 511 (600-1¼)	580-1¼ 571 (600-1¼)	620-1¾ 611 (700-1¾)	NA

REIL Rwy 6 L
MIRL Rwy 6-24 L

SC-4, 17 DEC 2009 to 14 JAN 2010

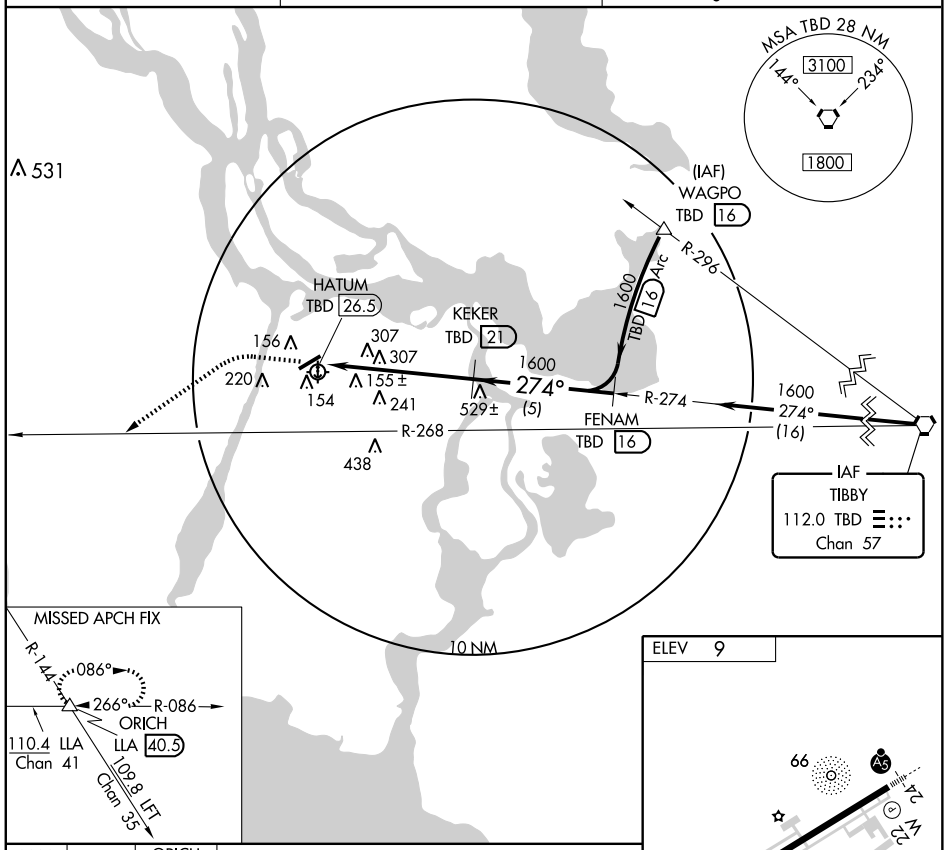
VORTAC TBD	APP CRS	Rwy Idg	N/A
112.0	274°	TDZE	N/A
Chan 57		Apt Elev	9

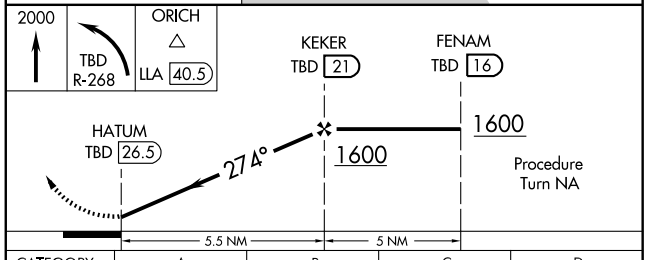
VOR/DME-A

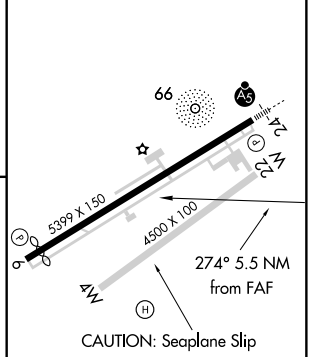
PATTERSON/ HARRY P. WILLIAMS MEMORIAL (PTN)

MISSED APPROACH: Climb to 2000 then left turn via TBD R-268 to ORICH Int/LLA 40.5 DME and hold.

AWOS-3	NEW ORLEANS APP CON	UNICOM
134.575	124.3 256.9	122.8 (CTAF) L (MIRL RWY 6-24) 122.9 L (MIRL RWY 4W-22W)







CATEGORY	A	B	C	D
CIRCLING	1160-1¼ 1151 (1200-1¼)	1160-1½ 1151 (1200-1½)	1160-3 1151 (1200-3)	NA

MIRL Rwy 6-24 L
REIL Rwy 6 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB MRK	APP CRS		
338	002°	Rwy Idg	3707
		TDZE	82
		Apt Elev	83

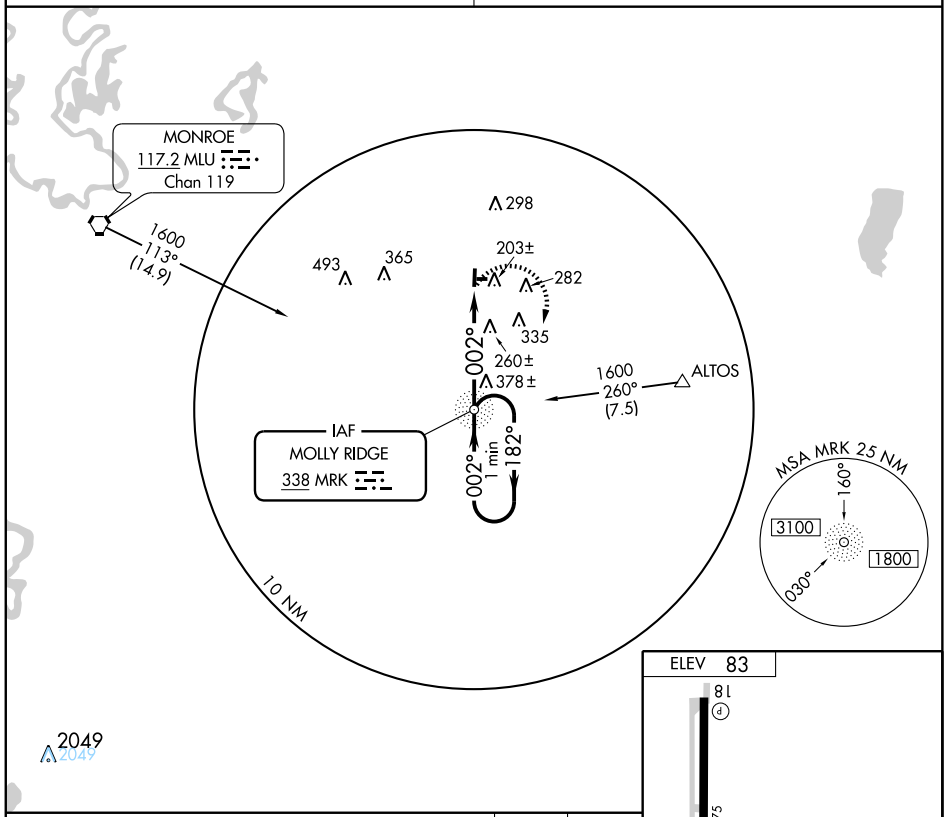
NDB RWY 36

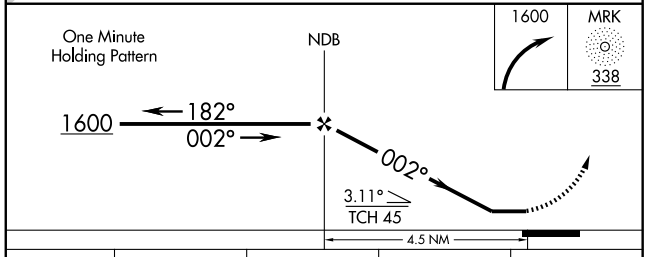
RAYVILLE/JOHN H. HOOKS JR. MEMORIAL (M79)

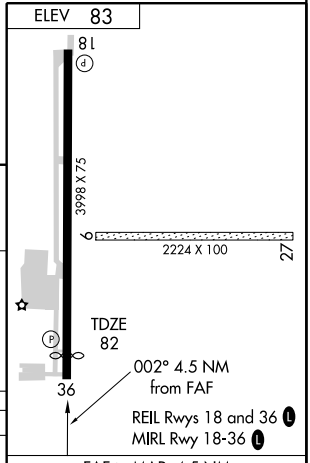
Use Monroe altimeter setting.
NA

MISSED APPROACH: Climbing right turn to 1600 direct MRK NDB and hold.

MONROE APP CON ★	UNICOM
126.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-36	660-1 578 (600-1)		NA	
CIRCLING	660-1 577 (600-1)	680-1 597 (600-1)	NA	

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 58011 W18A	APP CRS 180°	Rwy Idg 3998 TDZE 83 Apt Elev 83

RNAV (GPS) RWY 18

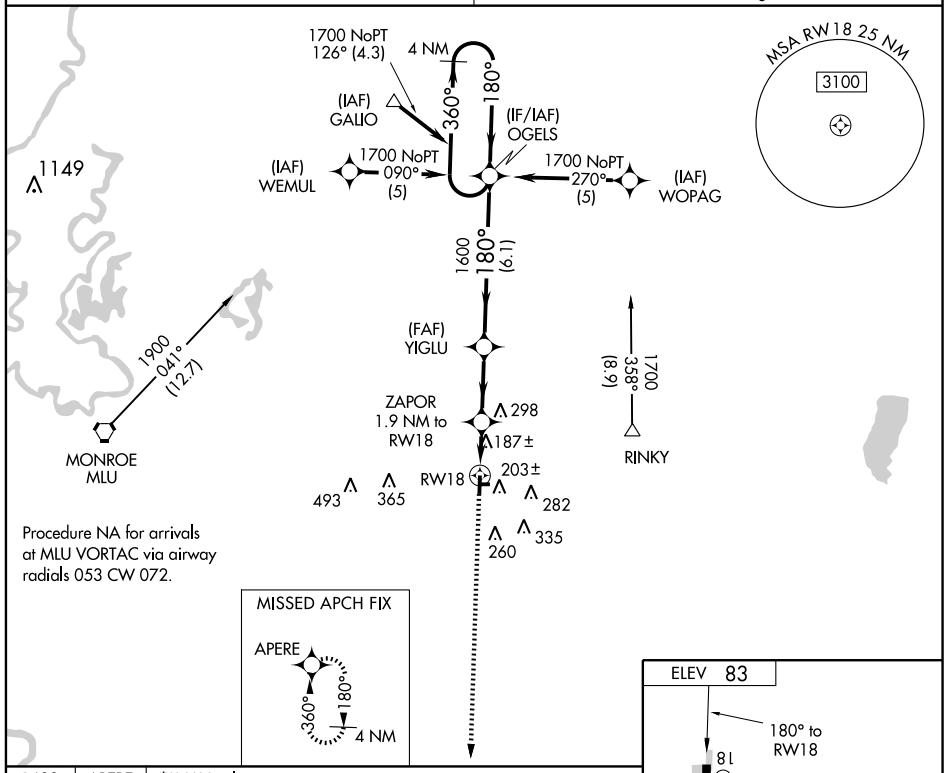
RAYVILLE/ JOHN H. HOOKS JR. MEMORIAL (M79)

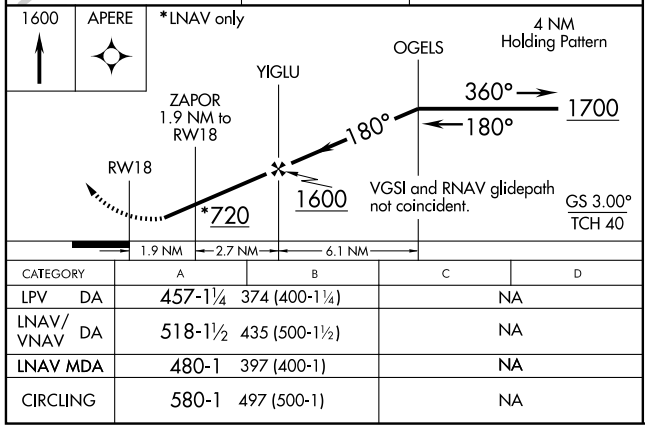
Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Monroe altimeter setting. When Monroe altimeter setting not received, use Bastrop altimeter setting and increase all DA/MDA 20 feet, and increase LPV and LNAV/VNAV visibility ¼ mile all Cats.

NA

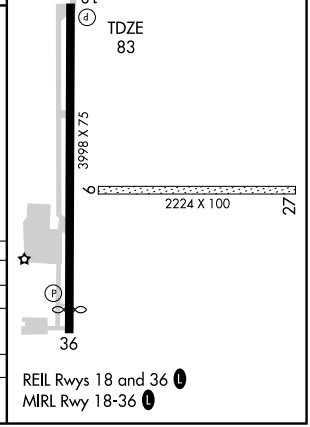
MISSED APPROACH: Climb to 1600 direct APERE and hold.

MONROE APP CON ★	UNICOM
126.9	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	457-1¼	374 (400-1¼)	NA	
LNAV/VNAV DA	518-1½	435 (500-1½)	NA	
LNAV MDA	480-1	397 (400-1)	NA	
CIRCLING	580-1	497 (500-1)	NA	



SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3707
CH 78111	360°	TDZE	83
W36A		Apt Elev	83

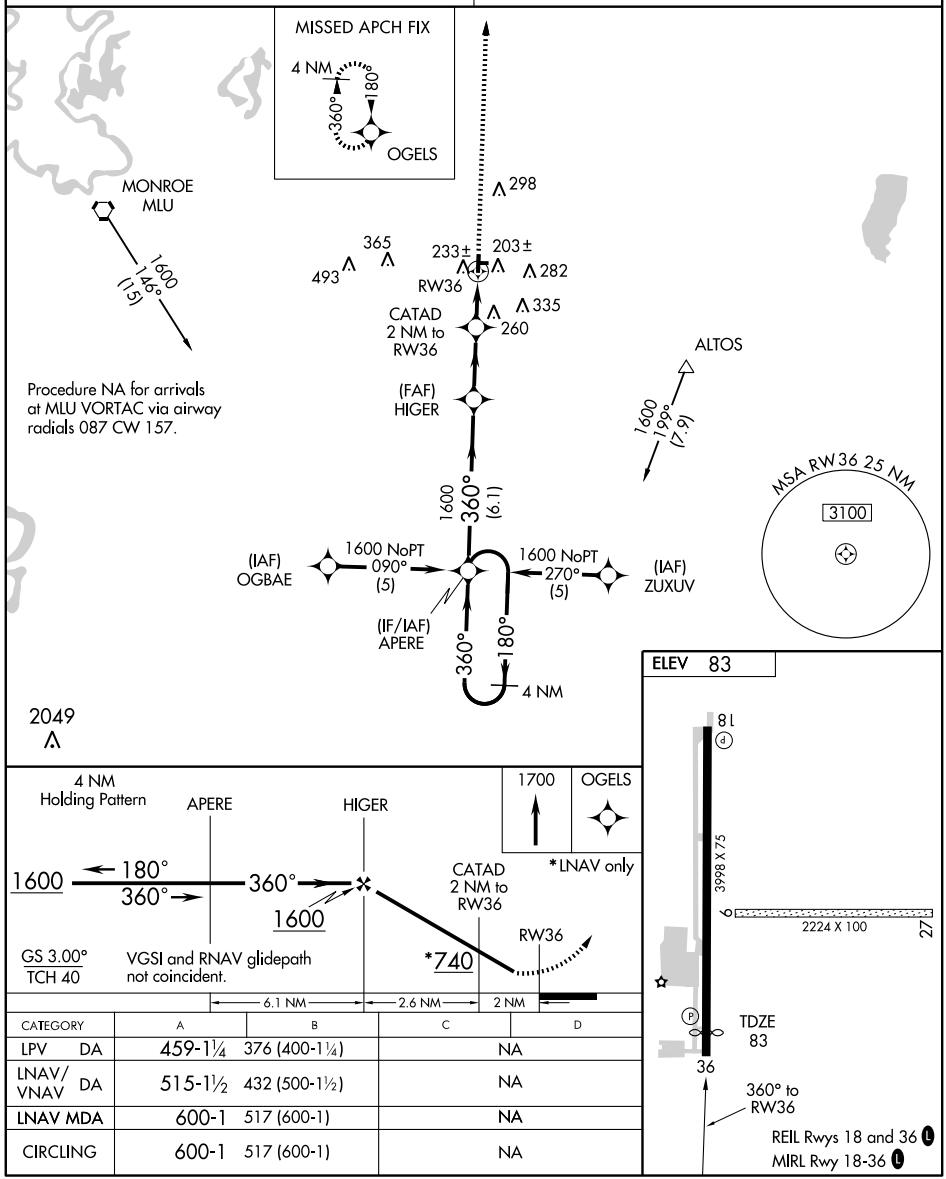
RNAV (GPS) RWY 36

RAYVILLE/JOHN H. HOOKS JR. MEMORIAL (M79)

Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Monroe altimeter setting. When Monroe altimeter setting not received, use Bastrop altimeter setting and increase all DA/MDA 20 feet, and increase LPV visibility ¼ mile all Cats.

MISSED APPROACH: Climb to 1700 direct OGELS and hold.

MONROE APP CON ★	UNICOM
126.9	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	459-1¼	376 (400-1¼)	NA	
LNAV/VNAV DA	515-1½	432 (500-1½)	NA	
LNAV MDA	600-1	517 (600-1)	NA	
CIRCLING	600-1	517 (600-1)	NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MLU 117.2 Chan 119	APP CRS 095°	Rwy Idg N/A TDZE N/A Apt Elev 83

VOR/DME-A

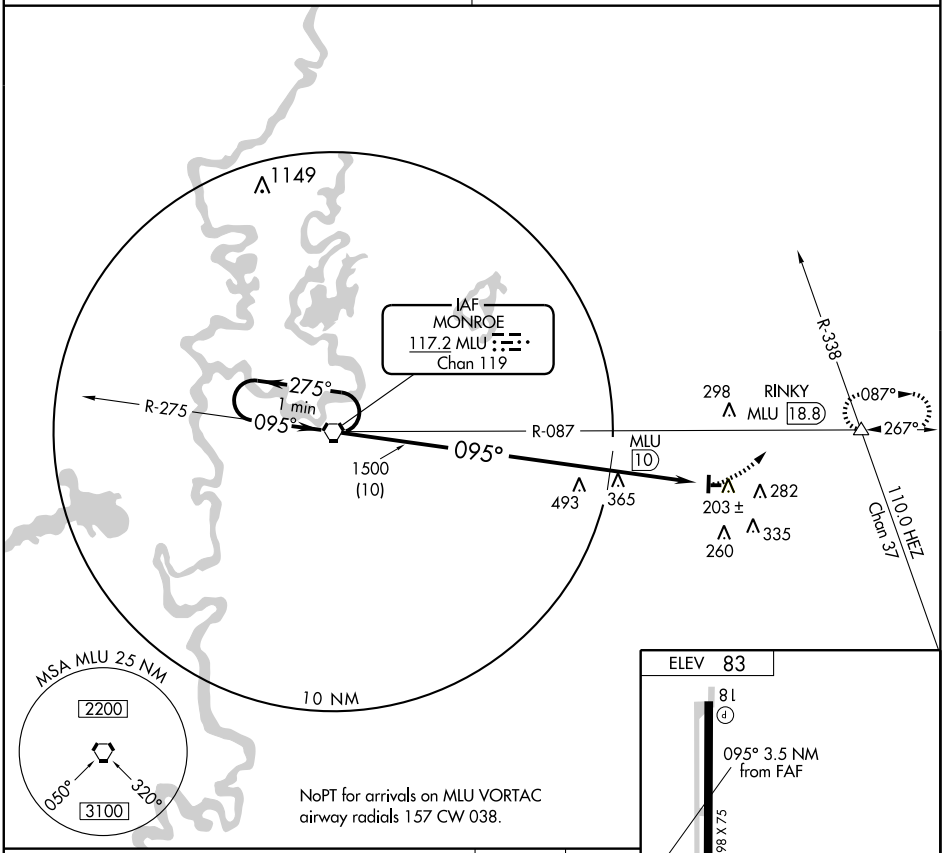
RAYVILLE/ JOHN H. HOOKS JR. MEMORIAL (M79)

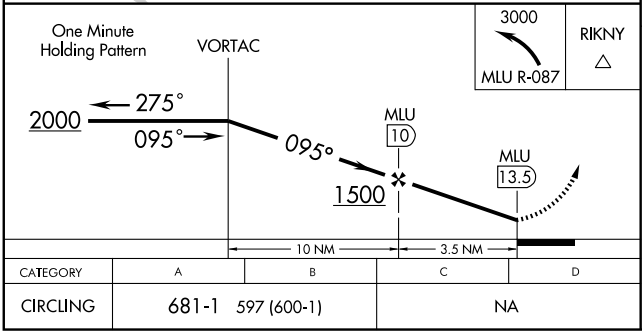
Use Monroe altimeter setting.
NA

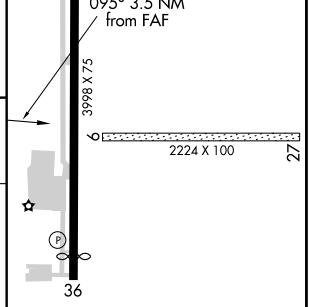
MISSED APPROACH: Climbing left turn to 3000 via MLU R-087 to RINKY Int and hold.

MONROE APP CON ★ 126.9

UNICOM 122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	681-1 597 (600-1)		NA	

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3999
170°	TDZE	6
	Apt Elev	7

RNAV (GPS) RWY 17

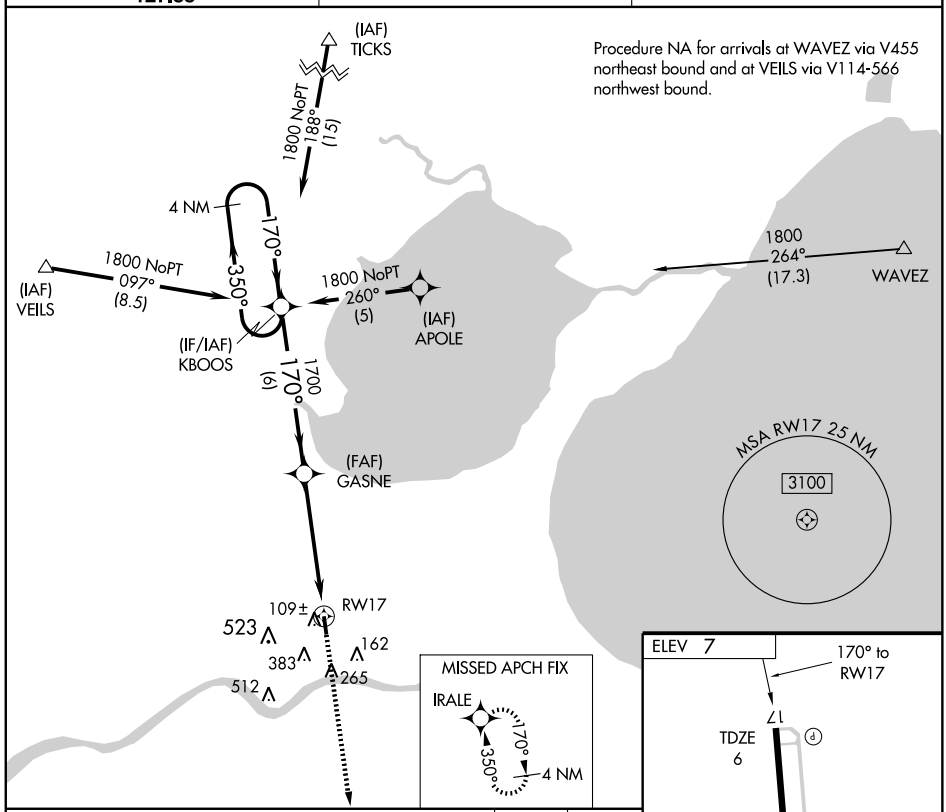
RESERVE/ ST JOHN THE BAPTIST PARISH (1LØ)

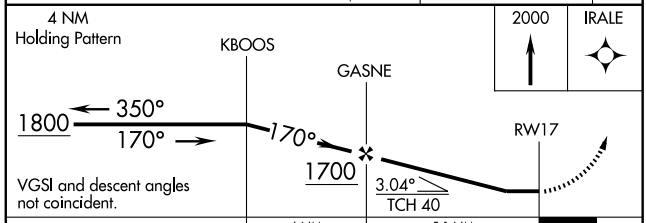
DME/DME RNP-0.3 authorized. Visibility reduction by helicopters NA. Use Louis Armstrong New Orleans Intl altimeter setting; when not received, use Lakefront altimeter setting and increase all MDA 40 feet and increase Circling Cats B and C visibility ¼mile.

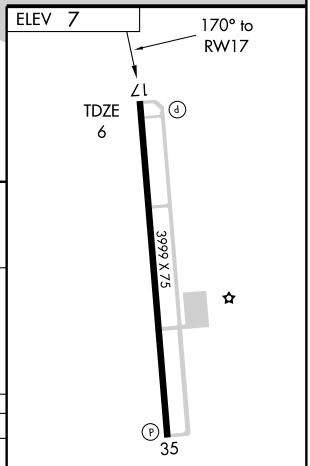
NA

MISSED APPROACH: Climb to 2000 direct IRALE and hold.

LOUIS ARMSTRONG NEW ORLEANS INTL ATIS	NEW ORLEANS APP CON	UNICOM
127.55	125.5 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	540-1	534 (600-1)	540-1½ 534 (600-1½)	NA
CIRCLING	740-1	733 (800-1)	740-2 733 (800-2)	NA

REIL Rwy 17 L
MIRL Rwy 17-35 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3999
CH 87111	350°	TDZE	7
W35A		Apt Elev	7

RNAV (GPS) RWY 35

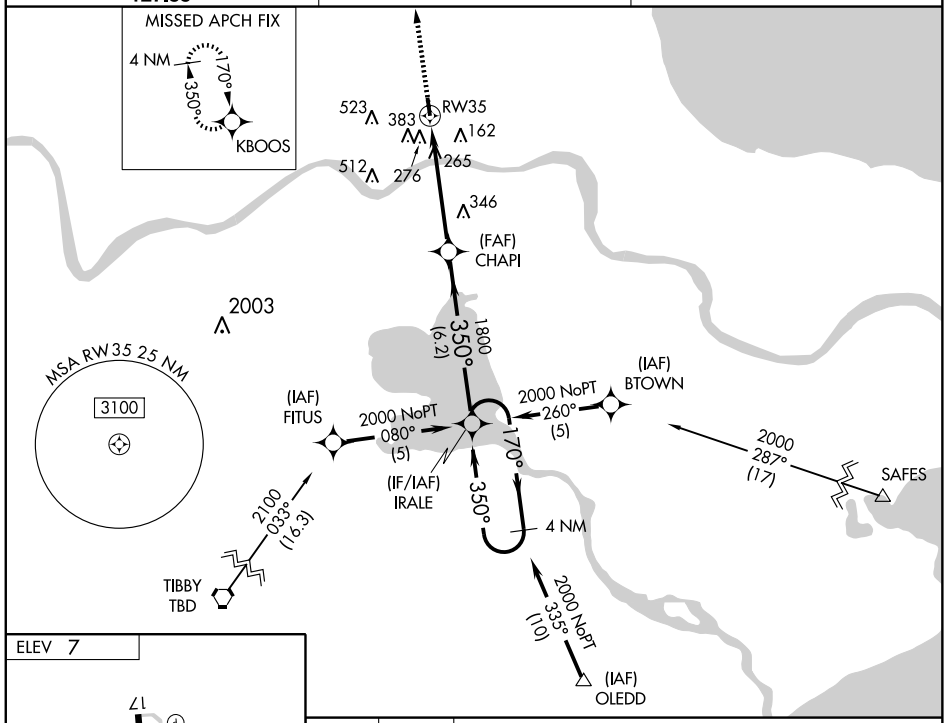
RESERVE/ ST JOHN THE BAPTIST PARISH (1LØ)

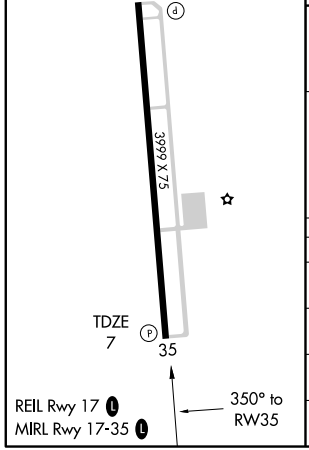
T
A NA

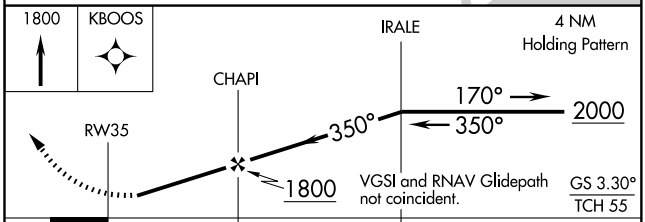
Baro-VNAV NA. Visibility reduction by helicopters NA. Use Louis Armstrong New Orleans Intl altimeter setting; when not received, use Lakefront altimeter setting and increase all DA 25 feet, all MDA 40 feet, and Circling Cats. B and C visibility ¼ mile.

MISSED APPROACH: Climb to 1800 direct KBOOS and hold.

LOUIS ARMSTRONG NEW ORLEANS INTL ATIS	NEW ORLEANS APP CON	UNICOM
127.55	125.5 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	490-1½ 483 (500-1½)			NA
LNAV/ VNAV DA	695-2¼ 688 (700-2¼)			NA
LNAV MDA	700-1 693 (700-1)		700-2 693 (700-2)	NA
CIRCLING	740-1 733 (800-1)		740-2 733 (800-2)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME RQR	APP CRS	Rwy Idg	3999
110.8	335°	TDZE	7
Chan 45		Apt Elev	7

VOR RWY 35

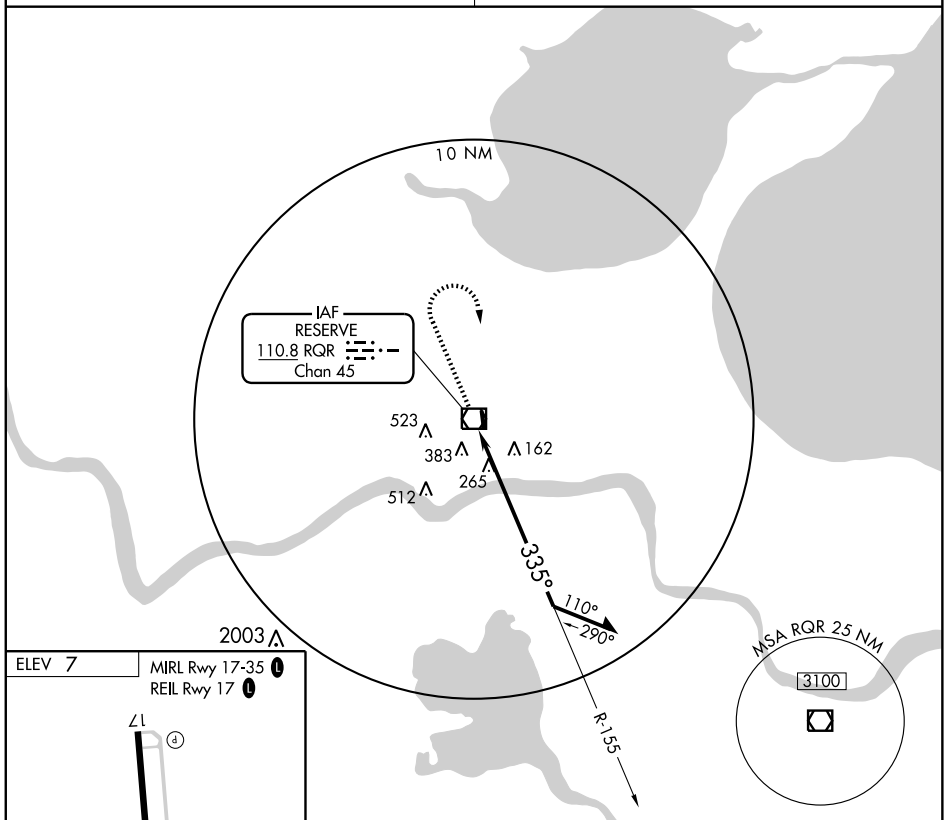
RESERVE/ ST JOHN THE BAPTIST PARISH (1LØ)

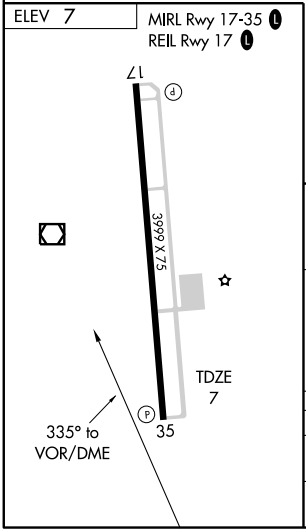
NA

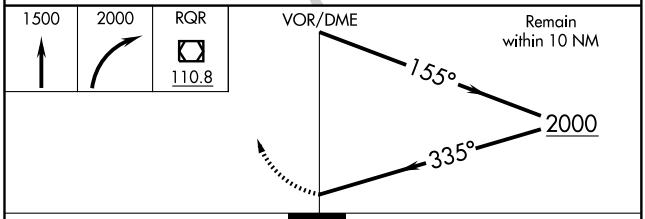
Use Louis Armstrong New Orleans Intl altimeter setting.

MISSED APPROACH: Climb to 1500, then climbing right turn to 2000 direct RQR VOR/DME.

NEW ORLEANS APP CON	UNICOM
125.5 350.35	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-35	740-1	733 (800-1)	740-2 733 (800-2)	NA
CIRCLING	740-1	733 (800-1)	740-2 733 (800-2)	NA

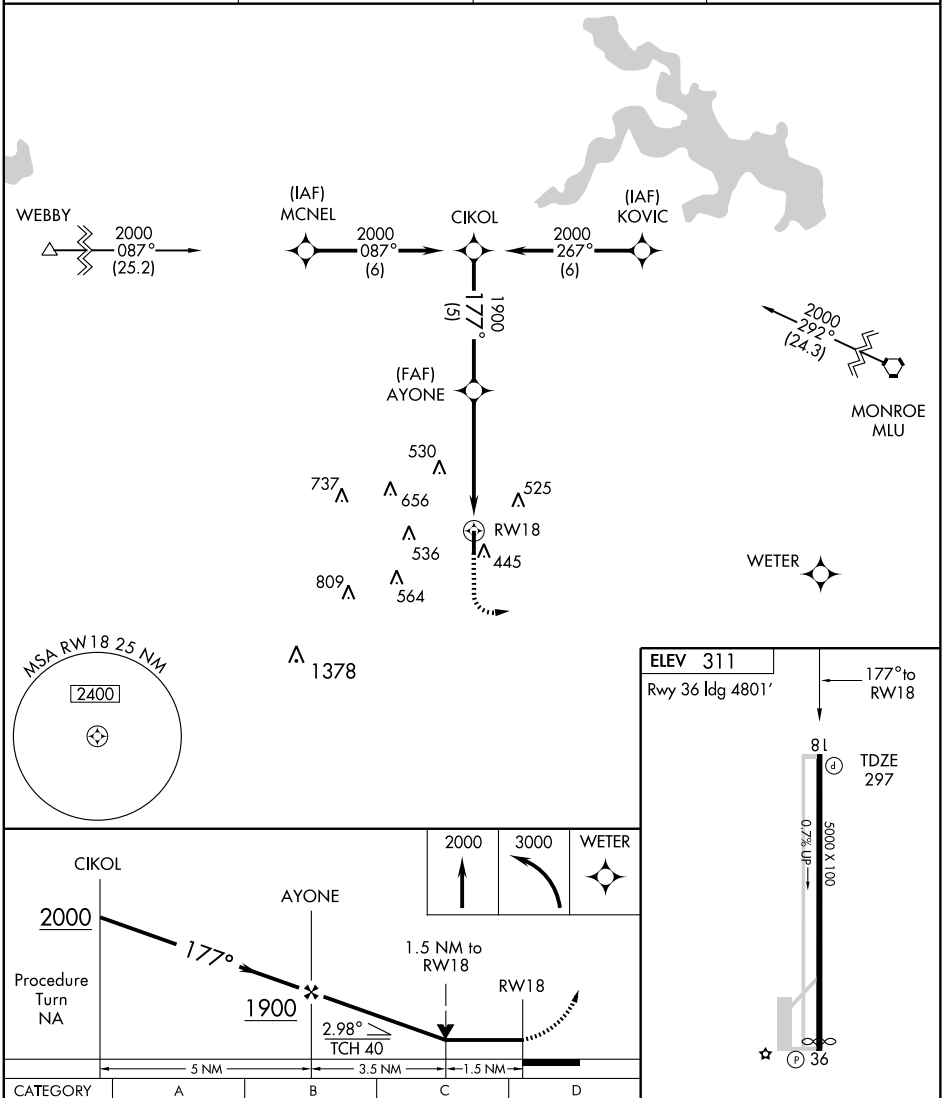
SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
177°	TDZE	297
	Apt Elev	311

GPS RWY 18
RUSTON RGNL (RSN)

⚠ NA If local altimeter setting not received on 119.525, obtain local altimeter setting on CTAF; when not received, procedure NA.	MISSED APPROACH: Climb to 2000, then climbing left turn to 3000 direct WETER.

AWOS-3	MONROE APP CON★	CLNC DEL	UNICOM
119.525	126.9 307.9	118.8	122.7 (CTAF) L



CATEGORY	A	B	C	D
S-18	800-1	503 (500-1)	800-1½	503 (500-1½)
CIRCLING	800-1	489 (500-1)	800-1½ 489 (500-1½)	880-2 569 (600-2)

MIRL Rwy 18-36 L

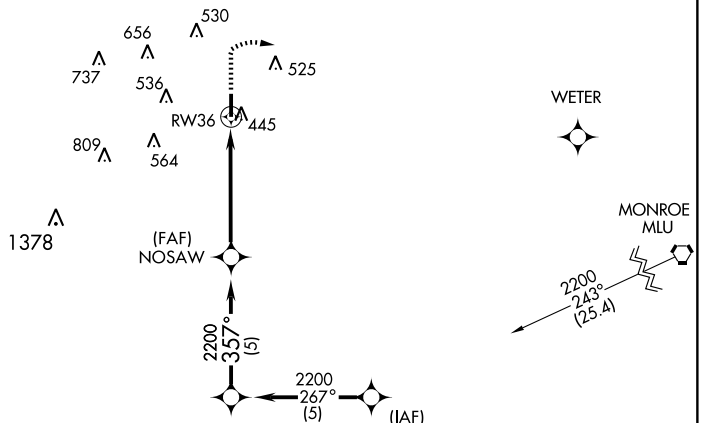
SC-4, 17 DEC 2009 to 14 JAN 2010

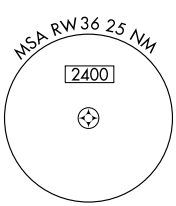
APP CRS		
357°	Rwy Idg	4801
	TDZE	311
	Apt Elev	311

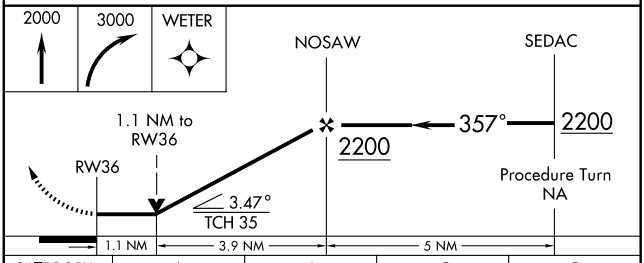
GPS RWY 36
RUSTON RGNL (RSN)

⚠ NA — If local altimeter setting not received on 119.525, obtain local altimeter setting on CTAF; when not received, procedure NA.	MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct WETER WP.

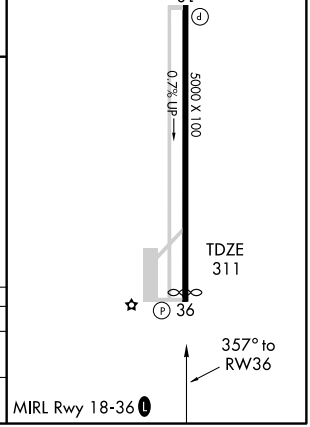
AWOS-3	MONROE APP CON ★	CLNC DEL	UNICOM
119.525	126.9 307.9	118.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-36	760-1 449 (500-1)		760-1¼ 449 (500-1¼)	760-1½ 449 (500-1½)
CIRCLING	800-1 489 (500-1)		800-1½ 489 (500-1½)	880-2 569 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

NDB ROQ	APP CRS	Rwy Idg	5000
368	177°	TDZE	297
		Apt Elev	311

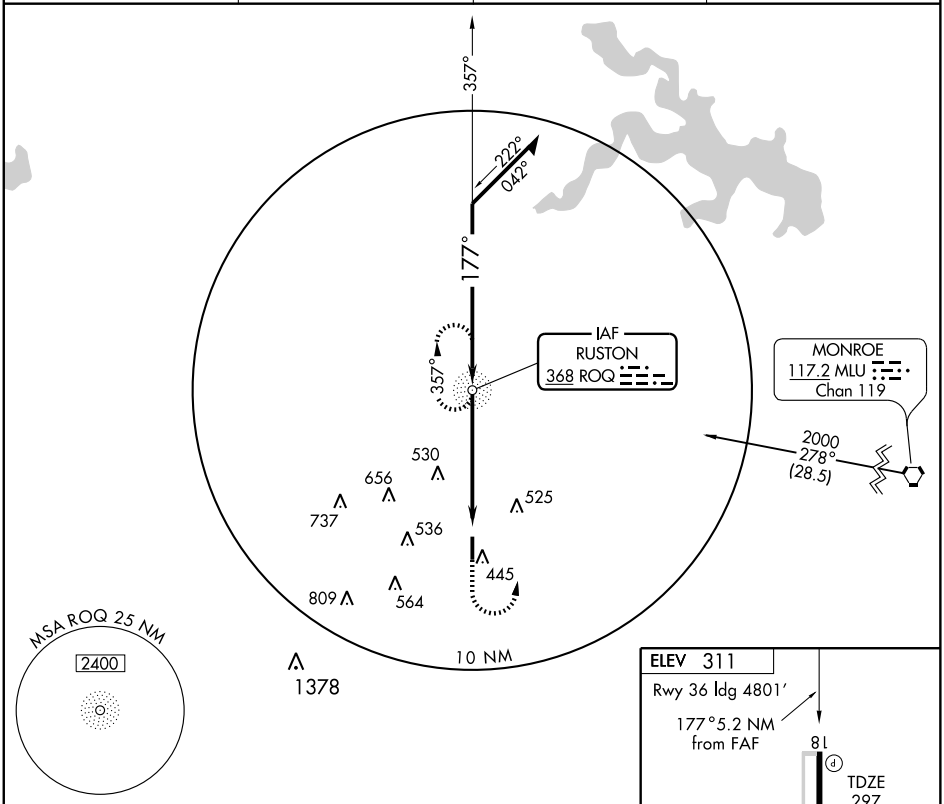
NDB RWY 18

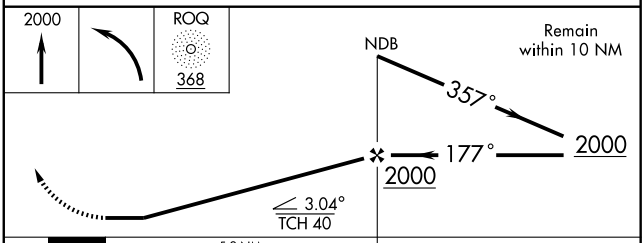
RUSTON RGNL (RSN)

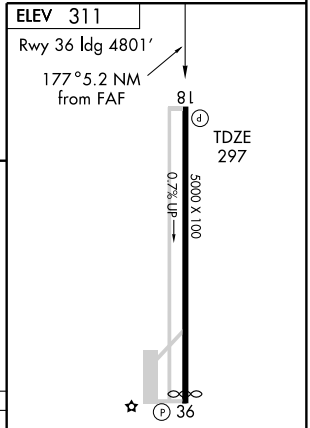
NA If local altimeter setting not received on 119.525, obtain local altimeter setting on CTAF; when not received, procedure NA.

MISSED APPROACH: Climb to 2000, then left turn direct ROQ NDB and hold.

AWOS-3	MONROE APP CON ★	CLNC DEL	UNICOM
119.525	126.9 307.9	118.8	122.7 (CTAF) L







MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-18	900-1	603 (600-1)	900-1¾ 603 (600-1¾)	900-2 603 (600-2)
CIRCLING	900-1	589 (600-1)	900-1¾ 589 (600-1¾)	900-2 589 (600-2)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

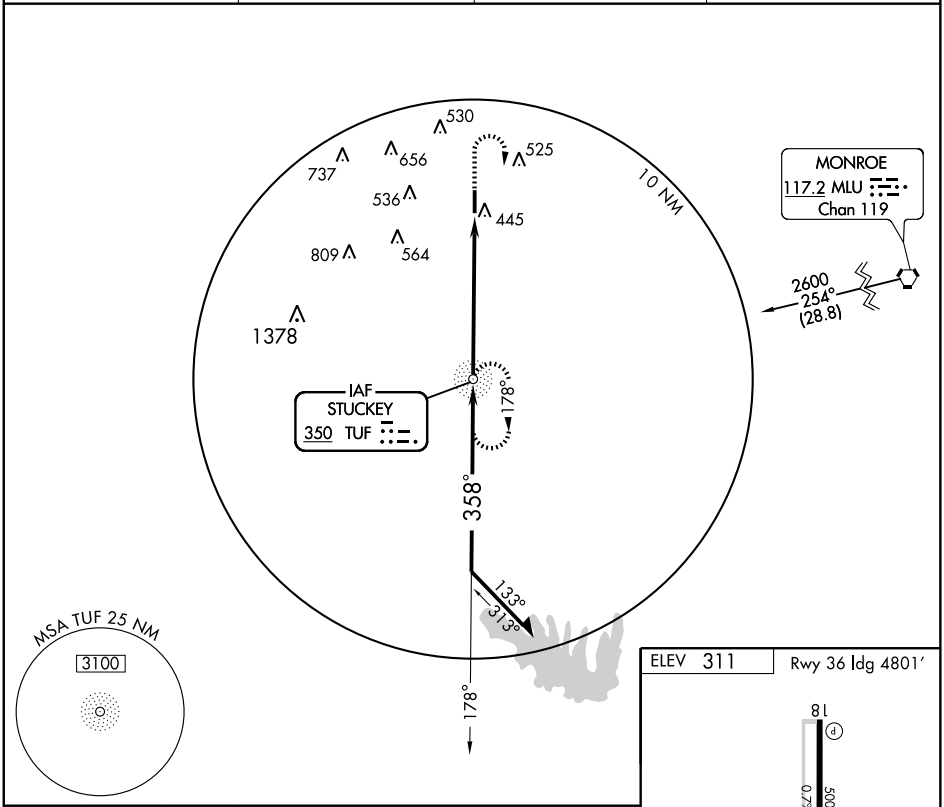
SC-4, 17 DEC 2009 to 14 JAN 2010

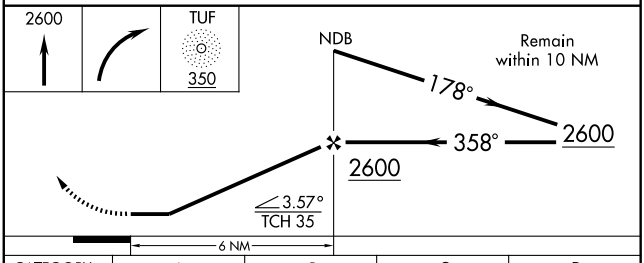
TUF NDB	APP CRS	Rwy Idg	4801
350	358°	TDZE	311
		Apt Elev	311

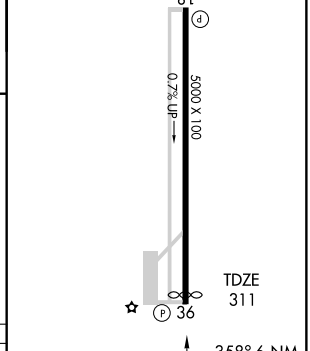
NDB RWY 36
RUSTON RGNL (RSN)

⚠ NA — If local altimeter setting not received on 119.525, obtain local altimeter setting on CTAF; when not received, procedure NA.	MISSED APPROACH: Climb to 2600, then right turn direct TUF NDB and hold.

AWOS-3	MONROE APP CON ★	CLNC DEL	UNICOM
119.525	126.9 307.9	118.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-36	800-1 489 (500-1)		800-1¼ 489 (500-1¼)	800-1½ 489 (500-1½)
CIRCLING	800-1 489 (500-1)		800-1½ 489 (500-1½)	880-2 569 (600-2)

FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

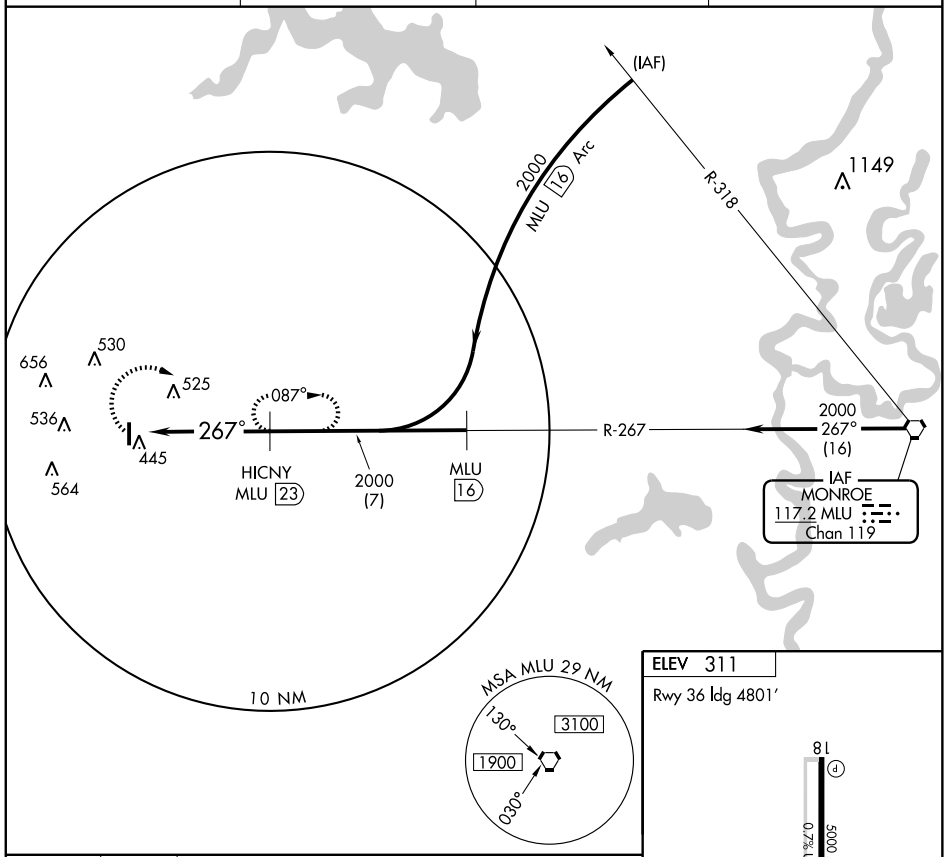
SC-4, 17 DEC 2009 to 14 JAN 2010

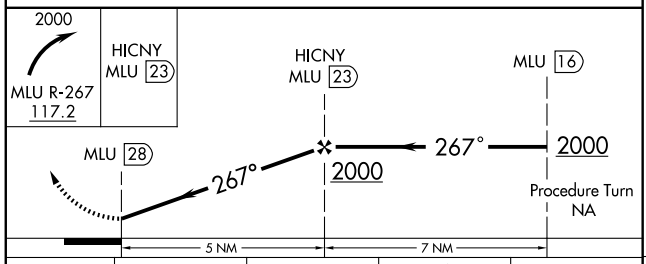
VORTAC MLU	APP CRS	Rwy Idg	N/A
117.2	267°	TDZE	N/A
Chan 119		Apt Elev	311

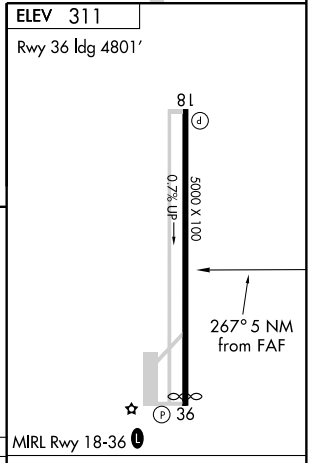
VOR/DME-A
RUSTON RGNL (RSN)

⚠ NA If local altimeter setting not received on 119.525, obtain local altimeter setting on CTAF; when not received, procedure NA.	MISSED APPROACH: Climbing right turn to 2000 via MLU VORTAC R-267 to HICNY/23 DME and hold.

AWOS-3	MONROE APP CON ★	CLNC DEL	UNICOM
119.525	126.9 307.9	118.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	920-1 609 (700-1)	920-1¼ 609 (700-1¼)	920-1¾ 609 (700-1¾)	920-2 609 (700-2)

Knots	60	90	120	150	180
Min:Sec					

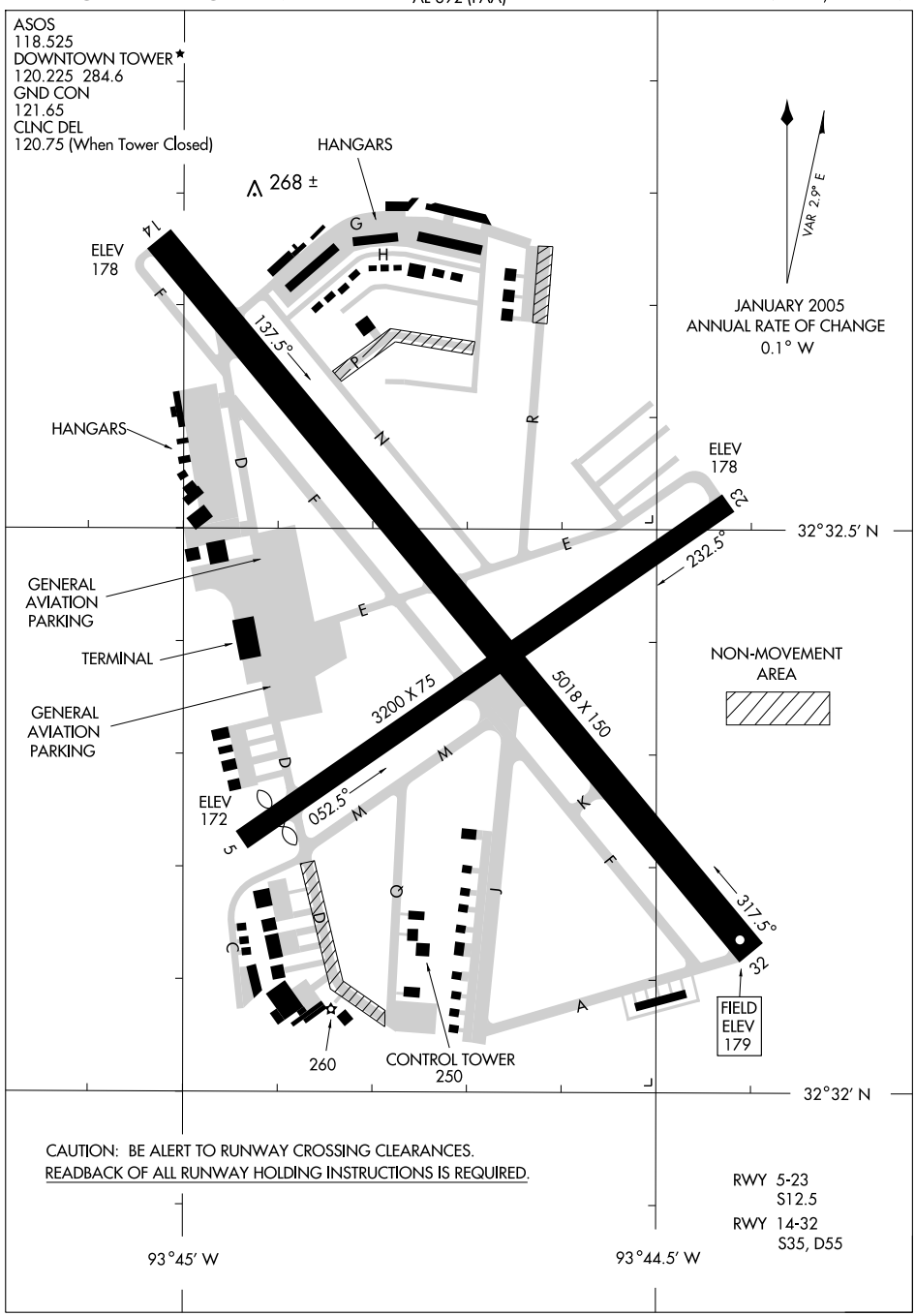
SC-4, 17 DEC 2009 to 14 JAN 2010

09183

AIRPORT DIAGRAM

AL-392 (FAA)

SHREVEPORT DOWNTOWN (DTN)
SHREVEPORT, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

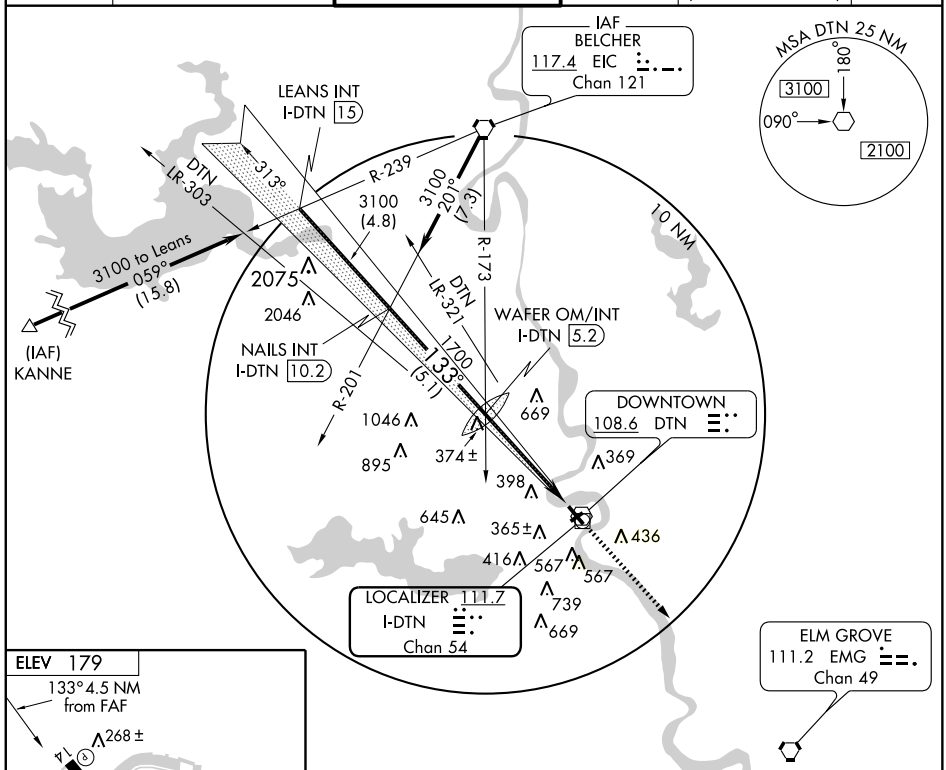
LOC I-DTN	APP CRS	Rwy Idg	5018
111.7	133°	TDZE	179
Chan 54		Apt Elev	179

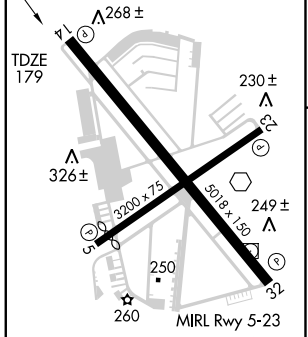
LOC RWY 14
SHREVEPORT DOWNTOWN (DTN)

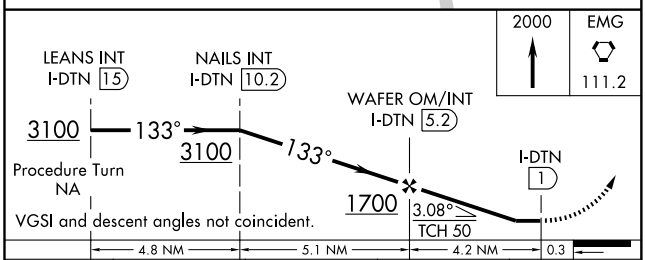
NA

MISSED APPROACH: Climb to 2000 direct EMG VORTAC.

ASOS	SHREVEPORT APP CON	DOWNTOWN TOWER★	GND CON	CLNC DEL	UNICOM
118.525	119.9 335.55	120.225 (CTAF) 284.6	121.65	120.75 (When tower closed)	122.95







FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

CATEGORY	A	B	C	D
S-14	600-1 421 (500-1)		600-1¼ 421 (500-1¼)	
CIRCLING	800-1 621 (700-1)	920-1¼ 741 (800-1¼)	920-2¼ 741 (800-2¼)	920-2½ 741 (800-2½)

SC-4, 17 DEC 2009 to 14 JAN 2010

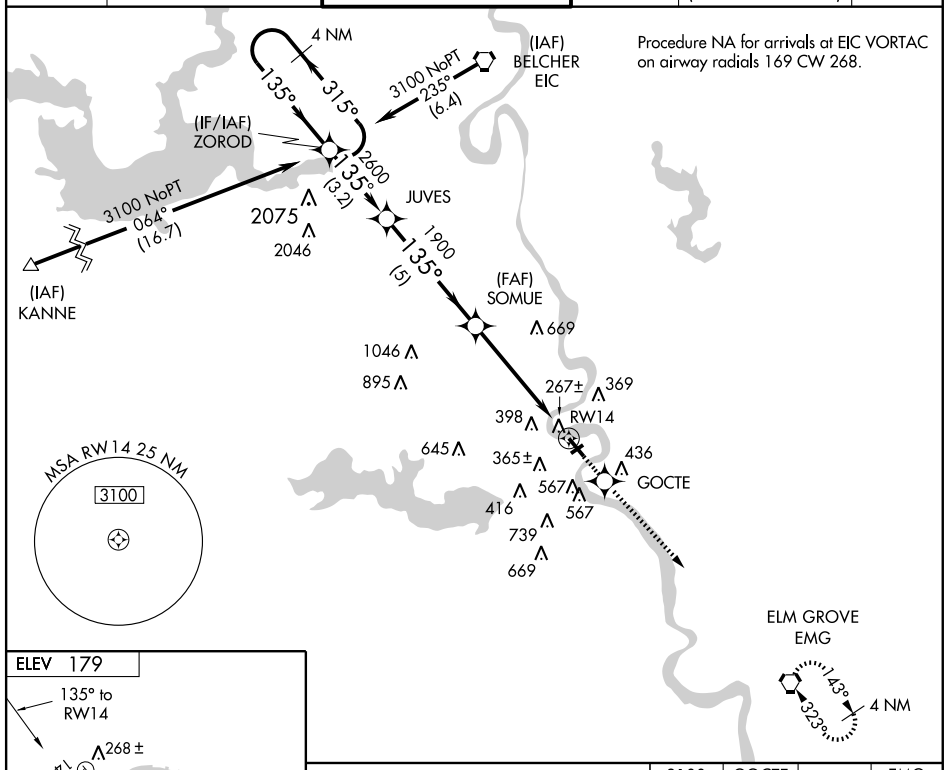
WAAS	APP CRS	Rwy Idg	5018
CH 97399	135°	TDZE	179
W14A		Apt Elev	179

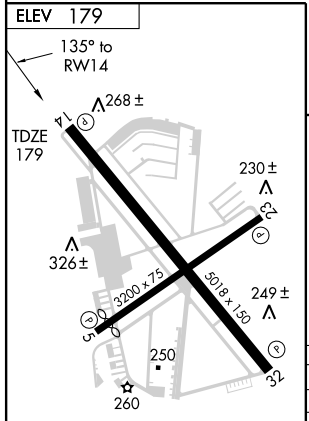
RNAV (GPS) RWY 14
SHREVEPORT DOWNTOWN (DTN)

Procedure NA at night. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Shreveport Rgnl altimeter setting and increase all DAs/MDAs 40 feet. Baro-VNAV NA below -15°C (5°F). Baro-VNAV NA when using Shreveport Rgnl altimeter setting.

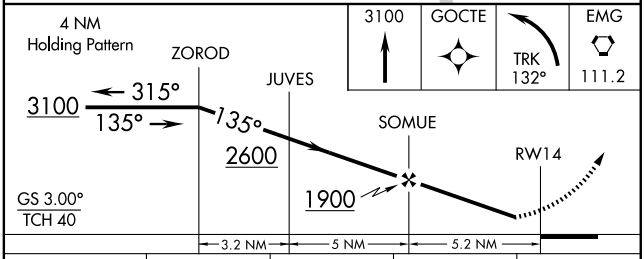
MISSED APPROACH: Climb to 3100 direct GOCTE and left turn via 132° track to EMG VORTAC and hold.

ASOS	SHREVEPORT APP CON	DOWNTOWN TOWER ★	GND CON	CLNC DEL	UNICOM
118.525	119.9 335.55	120.225 (CTAF) 284.6	121.65	120.75 (When tower closed)	122.95





MIRL Rwy 5-23
HIRL Rwy 14-32
REIL Rwys 5, 14, 23 and 32



CATEGORY	A	B	C	D
LPV DA	488-1 309 (400-1)			
LNAV/VNAV DA	697-1¾ 518 (600-1¾)			
LNAV MDA	800-1 621 (700-1)		800-1¾ 621 (700-1¾)	800-2 621 (700-2)
CIRCLING	800-1¾ 621 (700-1¾)	920-1¾ 741 (800-1¾)	920-2¼ 741 (800-2¼)	920-2½ 741 (800-2½)

SC-4, 17 DEC 2009 to 14 JAN 2010

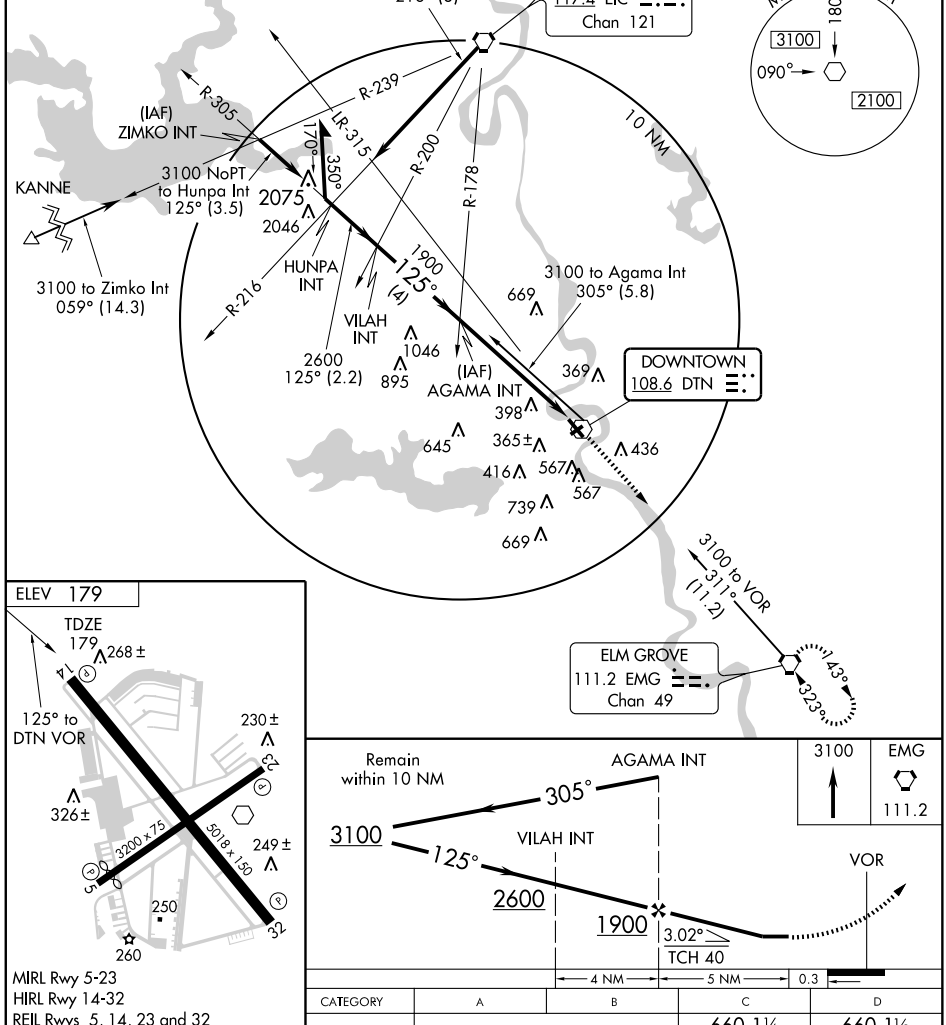
VOR DTN	APP CRS	Rwy Idg	5018
108.6	125°	TDZE	179
		Apt Elev	179

VOR RWY 14
SHREVEPORT DOWNTOWN (DTN)

▼ If local altimeter setting not received, use Shreveport Regional altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 3100 direct EMG VORTAC and hold.

ASOS	SHREVEPORT APP CON	DOWNTOWN TOWER ★	GND CON	CLNC DEL	UNICOM
118.525	119.9 335.55	120.225 (CTAF) 284.6	121.65	120.75 (When tower closed)	122.95



MIRL Rwy 5-23
HIRL Rwy 14-32
REIL Rwys 5, 14, 23 and 32

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
S-14	660-1 481 (500-1)		660-1¼ 481 (500-1¼)	660-1½ 481 (500-1½)
CIRCLING	800-1 621 (700-1)	920-1¼ 741 (800-1¼)	920-2¼ 741 (800-2¼)	920-2½ 741 (800-2½)

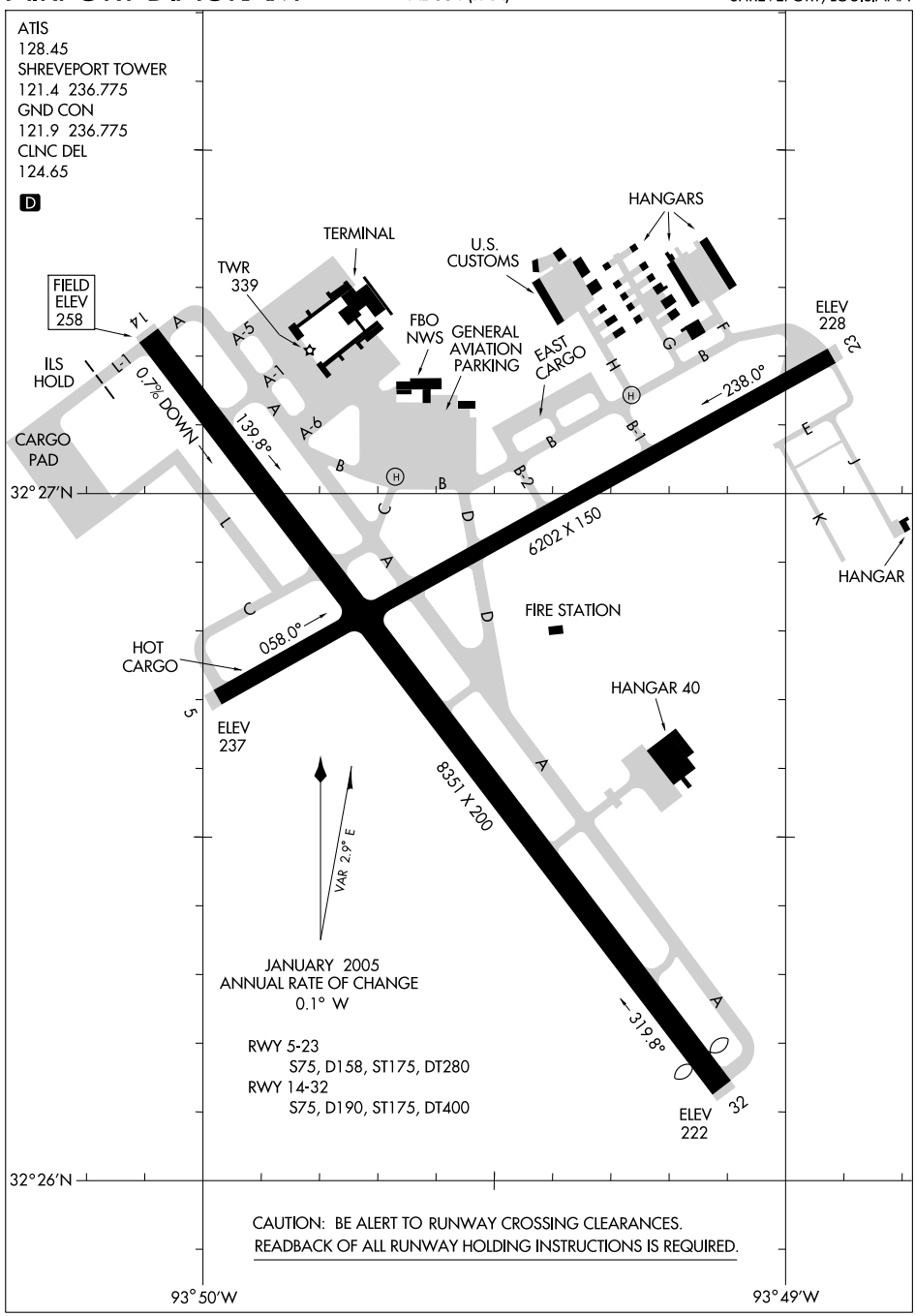
SC-4, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-884 (FAA)

SHREVEPORT RGNL (SHV)

SHREVEPORT, LOUISIANA



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-SHV	APP CRS	Rwy Idg	8351
110.7	141°	TDZE	258
Chan 44		Apt Elev	258

ILS or LOC RWY 14

SHREVEPORT RGNL (SHV)

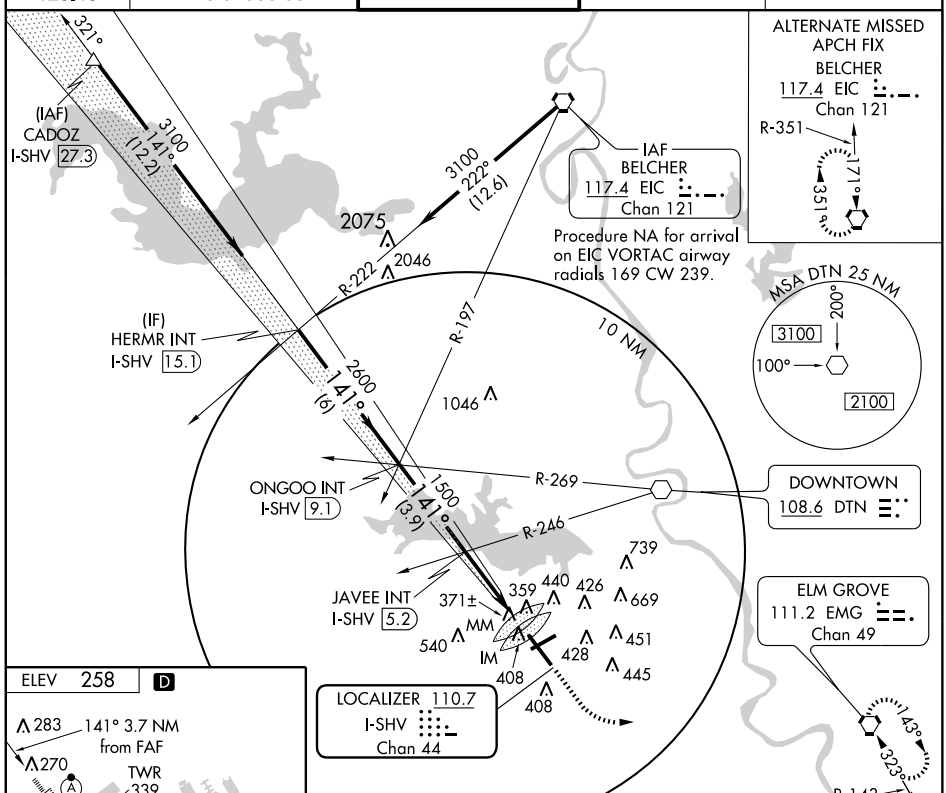
ASR

For inoperative ALSF, increase S-ILS 14 Cat. E visibility to RVR 4000 and S-LOC 14 Cat. E visibility to RVR 6000.

ALSF-2

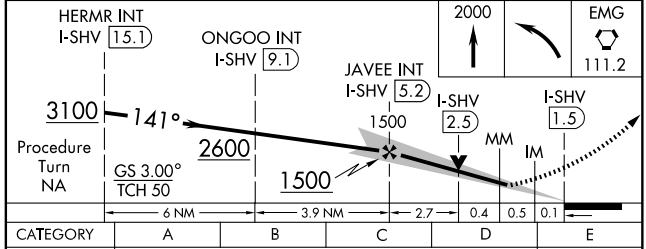
MISSED APPROACH: Climb to 2000 then left turn direct EMG VORTAC and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65



FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14



CATEGORY	A	B	C	D	E
S-ILS 14	458/18 200 (200-½)				458/24 200 (200-½)
S-LOC 14	620/24 362 (400-½)			620/40 362 (400-¾)	
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)	1100-3 842 (900-3)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-FOG	APP CRS	Rwy Idg	7976
110.3	319°	TDZE	222
		Apt Elev	258

ILS or LOC RWY 32

SHREVEPORT RGNL (SHV)

ASR: Inoperative table does not apply to S-ILS 32 all Cats. For inoperative MALSR, increase S-LOC 32 Cats. A, B and C visibility to RVR 5000. Visibility reduction by helicopters NA.

MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 3100 via EIC R-184 to EIC VORTAC and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65

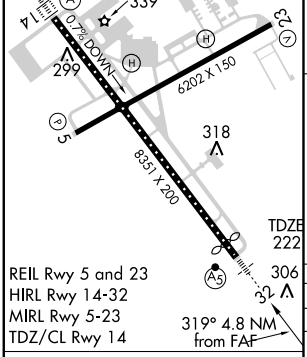
MISSED APCH FIX
BELCHER
117.4 EIC
Chan 121
111°
291°
R-111

BELCHER
117.4 EIC
Chan 121

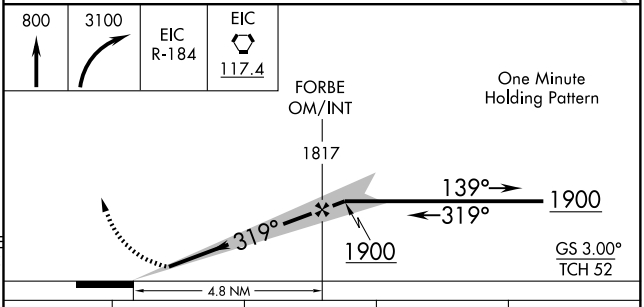
ALTERNATE MISSED APCH FIX
ELM GROVE
111.2 EMG
Chan 49
143°
323°
R-143

ELM GROVE
111.2 EMG
Chan 49

1046
EIC
R-184
167° (24)
2100
10 NM
739
359
440
426
669
408
428
451
540
445
368±
408
319°
R-252
(IAF)
FORBE
OM/INT
1 min
139°
1049
LOCALIZER 110.3
I-FOG
MSA EMG 25 NM
3100



FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-ILS 32	422/40 200 (200-¾)			
S-LOC 32	720/40 498 (400-¾)			720/50 498 (400-1)
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

SHREVEPORT, LOUISIANA AL-884 (FAA)

LOC/DME I-SHV	APP CRS	Rwy Idg	8351
110.7	141°	TDZE	258
Chan 44		Apt Elev	258

ILS RWY 14 (CAT II)

SHREVEPORT RGNL (SHV)

ASR

ALSF-2

MISSED APPROACH: Climb to 2000 then left turn direct EMG VORTAC and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65

(IAF) CADOZ I-SHV 27.3

321°

3100 141° (12.2)

IAF BELCHER 117.4 EIC Chan 121

3100 222° (12.6)

2075

2046

R-222

R-197

Procedure NA for arrival on EIC VORTAC airway radials 169 CW 239.

ALTERNATE MISSED APCH FIX BELCHER 117.4 EIC Chan 121

R-351

171°

351°

MSA DTN 25 NM

200°

3100

100°

2100

(IF) HERMR INT I-SHV 15.1

2600 141° (6)

10 NM

1046

ONGOO INT I-SHV 9.1

1500 141° (3.9)

R-269

R-246

DOWNTOWN 108.6 DTN

739

JAVEE INT I-SHV 5.2

371±

359 440 426 669

540 MM IM 428 451

408 445

408

ELM GROVE 111.2 EMG Chan 49

LOCALIZER 110.7 I-SHV Chan 44

143°

323°

R-143

ELEV 258 D

283

TDZE 258

270

TWR 339

074° DOWN

14

23

299

6202 X 150

5

318

8351 X 200

0

306

32

REIL Rwys 5 and 23
TDZ/CL Rwy 14
HIRL Rwy 14-32
MIRL Rwy 5-23

HERMR INT I-SHV 15.1 ONGOO INT I-SHV 9.1 JAVEE INT I-SHV 5.2

2000 EMG 111.2

3100 141° 2600 1500

MM DH RA 93 IM

258 MSL

Procedure Turn NA

GS 3.00° TCH 50

6 NM 3.9 NM 3.2 NM 2393′ 958′ 1200

CATEGORY	A	B	C	D
S-ILS 14	RA 93/12 100 DA 358			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-MWP	APP CRS	Rwy Idg	6201
109.1	057°	TDZE	237
Chan 28		Apt Elev	258

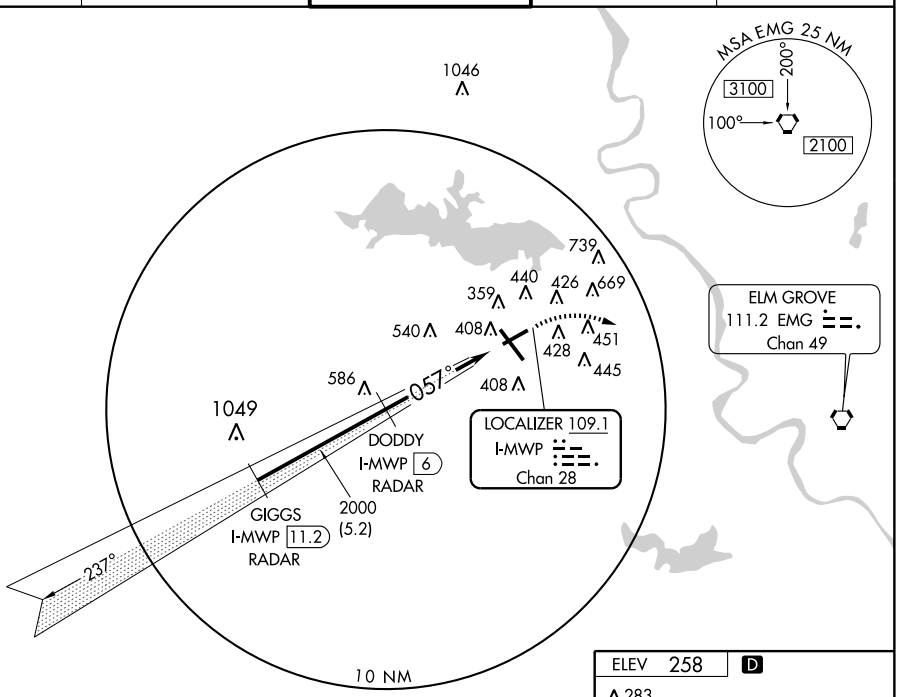
LOC RWY 5

SHREVEPORT RGNL (SHV)

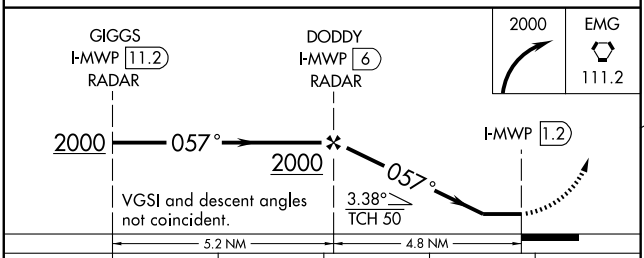
ASR

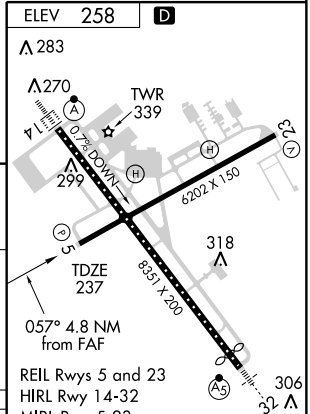
MISSED APPROACH: Climbing right turn to 2000 direct EMG VORTAC.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65



RADAR REQUIRED





CATEGORY	A	B	C	D	E
S-5	620-1 383 (400-1)			620-1¼ 383 (400-1¼)	
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)	1100-3 842 (900-3)

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 49213 W05A	APP CRS 057°	Rwy Idg 6201 TDZE 237 Apt Elev 258

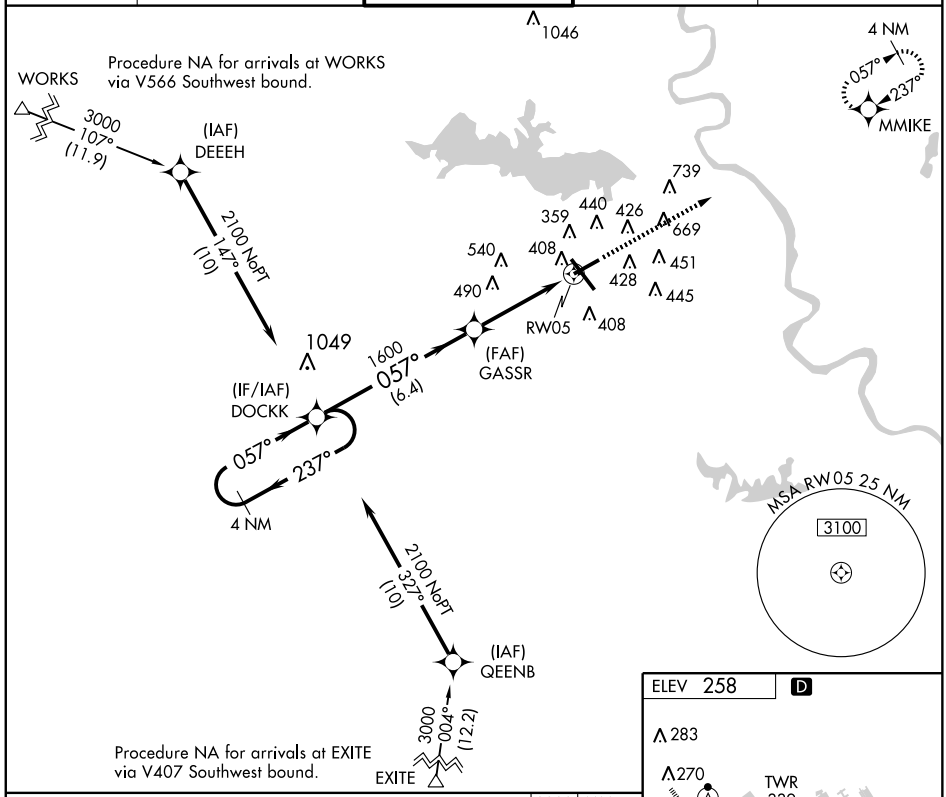
RNAV (GPS) RWY 5

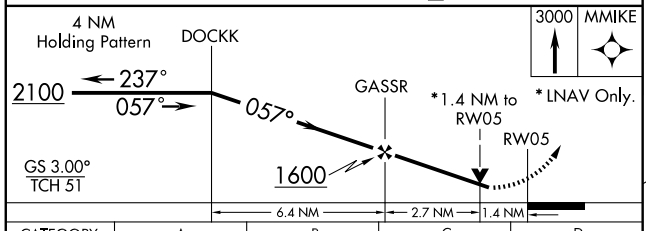
SHREVEPORT RGNL (SHV)

ASR For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibiliy reduction by helicopters NA.

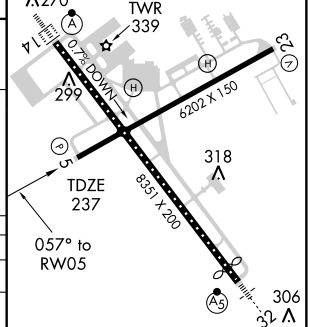
MISSED APPROACH: Climb to 3000 direct MMIKE and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65





CATEGORY	A	B	C	D
LPV DA	594-1¼ 357 (400-1¼)			
LNAV/ VNAV DA	708-1¾ 471 (500-1¾)			
LNAV MDA	720-1 483 (500-1)		720-1¼ 483 (500-1¼)	720-1½ 483 (500-1½)
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)



REIL Rwys 5 and 23
TDZ/CL Rwy 14
HIRL Rwy 14-32
MIRL Rwy 5-23

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 45913 W14A	APP CRS 139°	Rwy Idg 8351 TDZE 258 Apt Elev 258

RNAV (GPS) RWY 14

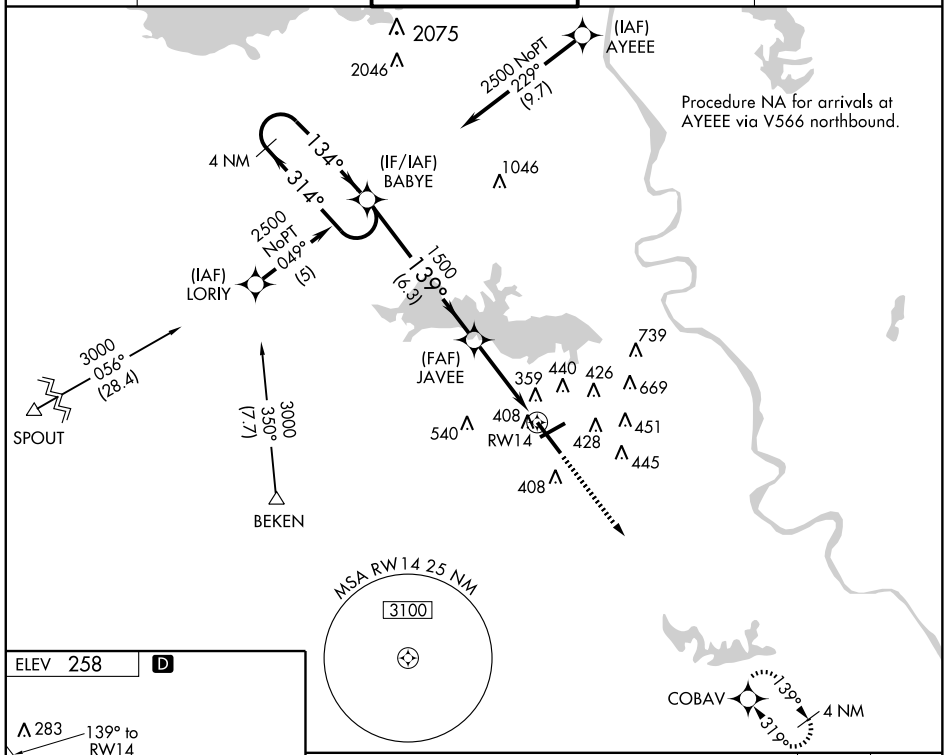
SHREVEPORT RGNL (SHV)

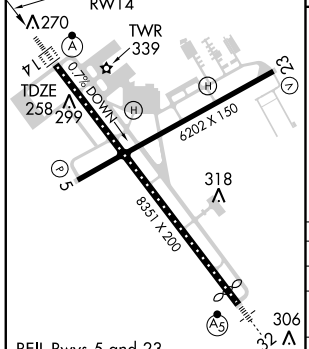
ASR For inoperative ALSF, increase LNAV Cat. D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

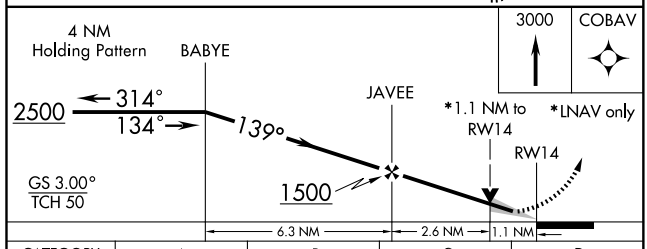
ALSF-2

MISSED APPROACH: Climb to 3000 direct COBAV and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65







CATEGORY	A	B	C	D
LPV DA	458/24	200 (200-½)		
LNAV/VNAV DA	684/50	426 (500-1)		
LNAV MDA	660/24	402 (500-½)	660/40 402 (500-¾)	660/50 402 (500-1)
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6201
237°	TDZE	237
	Apt Elev	258

RNAV (GPS) RWY 23

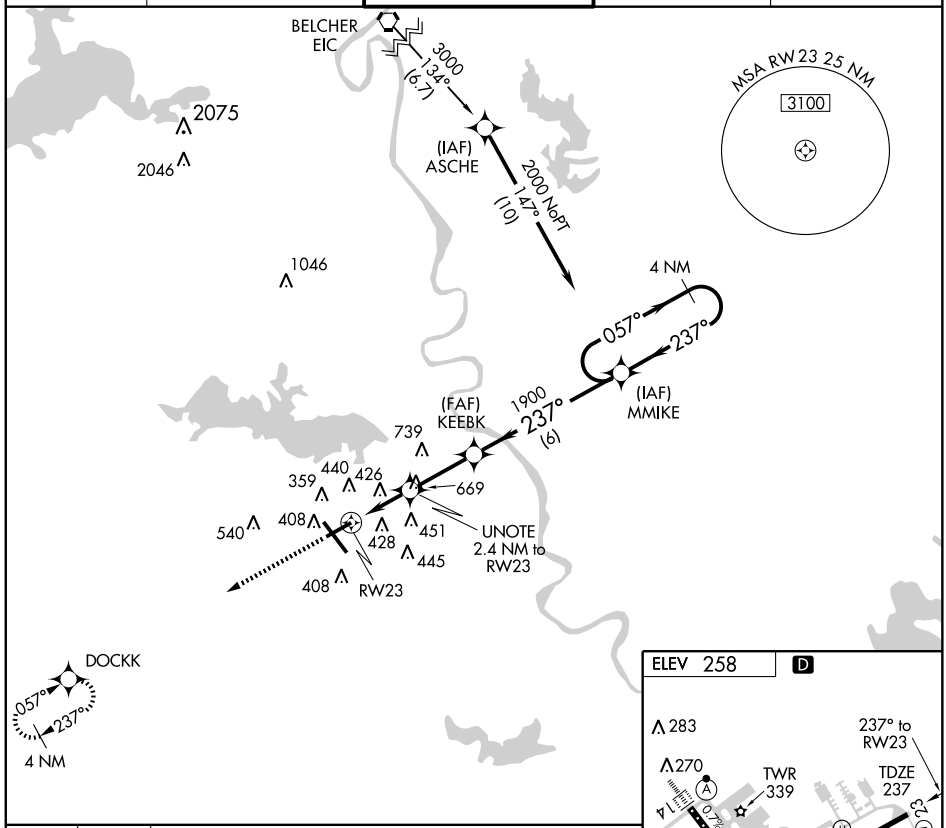
SHREVEPORT RGNL (SHV)

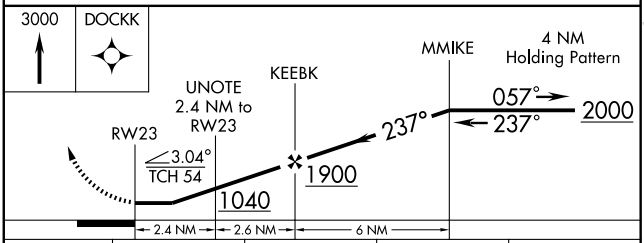
ASR

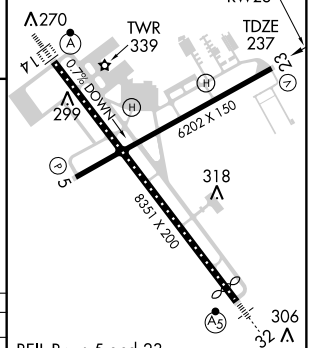
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct DOCKK and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65







CATEGORY	A	B	C	D
LNAV MDA	940-1 703 (700-1)		940-2 703 (700-2)	940-2¼ 703 (700-2¼)
CIRCLING	940-1 682 (700-1)		940-2 682 (700-2)	940-2¼ 682 (700-2¼)

REIL Rwys 5 and 23
TDZ/CL Rwy 14
HIRL Rwy 14-32
MIRL Rwy 5-23

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 77913 W32A	APP CRS 319°	Rwy Idg 7976 TDZE 222 Apt Elev 258

RNAV (GPS) RWY 32

SHREVEPORT RGNL (SHV)

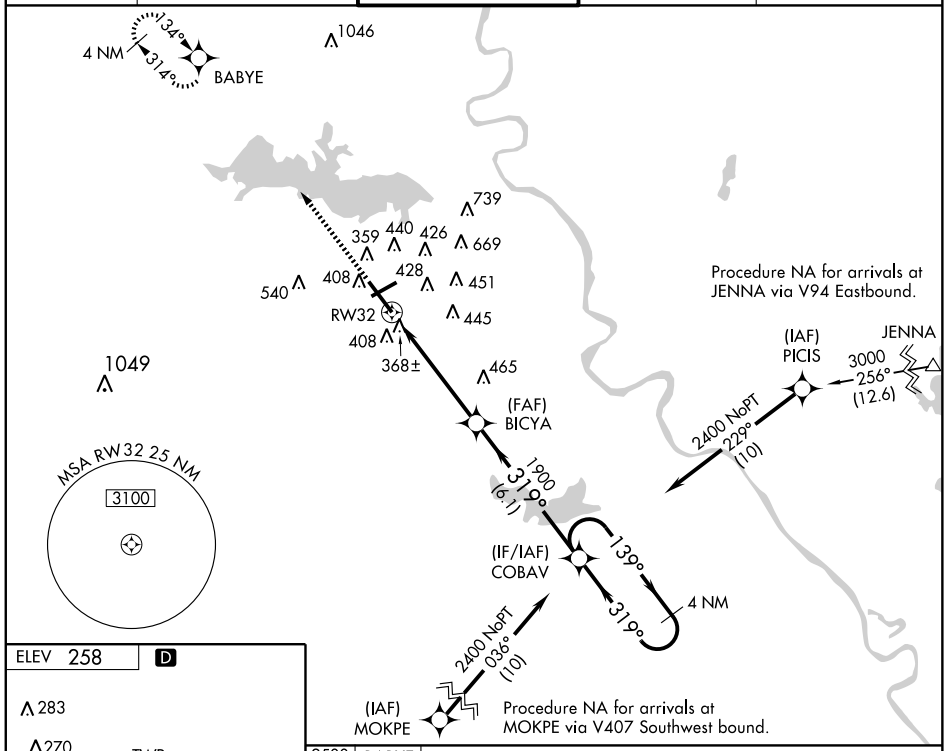
ASR

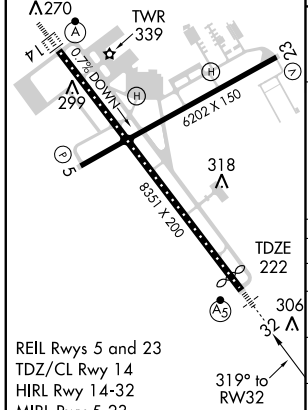
Inoperative table does not apply to LPV all Cats. For inoperative MALSR, increase LNAV Cats. A and B visibility to RVR 5000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

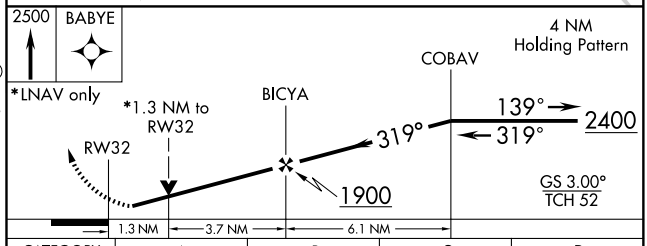
MALSR

MISSED APPROACH: Climb to 2500 direct BABYE and hold.

ATIS	SHREVEPORT APP CON	SHREVEPORT TOWER	GND CON	CLNC DEL
128.45	119.9 335.55	121.4 236.775	121.9 236.775	124.65







CATEGORY	A	B	C	D
LPV DA	422/40 200 (200-¾)			
LNAV/VNAV DA	706/60 484 (500-1¼)			
LNAV MDA	680/40 458 (500-¾)			680/50 458 (500-1)
CIRCLING	800-1 542 (600-1)		800-1½ 542 (600-1½)	820-2 562 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB DEF	APP CRS	Rwy Idg	5001
256	012°	TDZE	28
		Apt Elev	28

NDB RWY 36

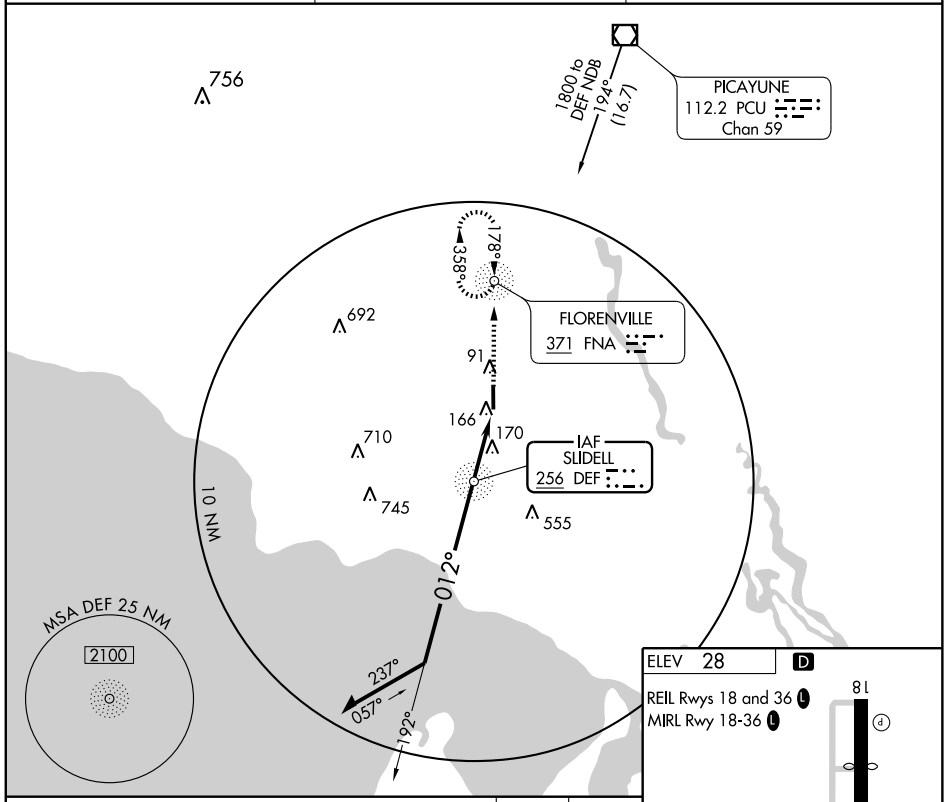
SLIDELL (ASD)

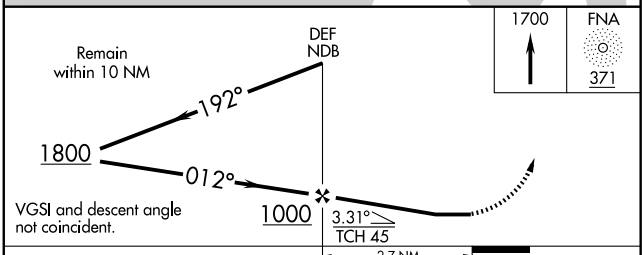
NA

If local altimeter not received, use New Orleans Lakefront altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 1700 direct FNA NDB and hold.

ASOS	NEW ORLEANS APP CON	UNICOM
132.475	133.15 290.3	122.8 (CTAF) L



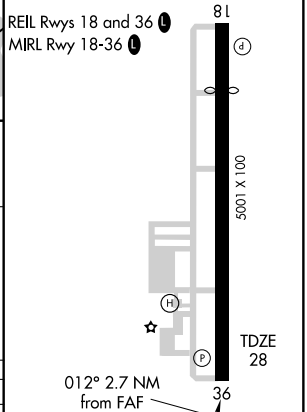


1700	FNA
	371

ELEV 28 D

REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
S-36	540-1	512 (600-1)	540-1½ 512 (600-1½)	NA
CIRCLING	540-1	512 (600-1)	540-1½ 512 (600-1½)	NA

FAF to MAP 2.7 NM

Knots	60	90	120	150	180
Min:Sec	2:42	1:48	1:21	1:05	0:54

SC-4, 17 DEC 2009 to 14 JAN 2010

SLIDELL, LOUISIANA AL-5806 (FAA)

APP CRS	Rwy Idg	4057
178°	TDZE	28
	Apt Elev	28

RNAV (GPS) RWY 18

SLIDELL (ASD)

NA

DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct HOOTY and hold.

ASOS	NEW ORLEANS APP CON	UNICOM
132.475	133.15 290.3	122.8 (CTAF) L

Procedure NA for arrivals at FRANK via V70 westbound.

(IAF) FRANK

2000 NoPT 102° (9.5)

756

4 NM

358°

178°

(IF/IAF) TUCCO

178° (6.1)

1200

(FAF) CIGAS

692

91

123±

RW18

166

710

170

745

555

MSA RW18 25 NM

2100

HOOTY

178°

358°

4 NM

4 NM Holding Pattern

TUCCO

2000

358°

178°

178°

CIGAS

1200

0.9 NM to RW18

RW18

3.03°

TCH 45

VGSI and descent angles not coincident.

6.1 NM 2.6 NM 0.9

2000 HOOTY

ELEV 28

D

178° to RW18

18

TDZE 28

5001 X 100

36

REIL Rwy 18 and 36 L

MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
LNAV MDA	400-1 372 (400-1)			NA
CIRCLING	480-1 452 (500-1)		480-1½ 452 (500-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

SLIDELL, LOUISIANA

AL-5806 (FAA)

APP CRS	Rwy Ldg	5001
358°	TDZE	28
	Apt Elev	28

RNAV (GPS) RWY 36

SLIDELL (ASD)

NA DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct TUCCO and hold.

ASOS	NEW ORLEANS APP CON	UNICOM	GCO
132.475	133.15 290.3	122.8 (CTAF) L	135.075

Procedure NA for arrivals at RYTHM via V9-543 northbound.

MISSED APCH FIX

4 NM 178° 358° TUCCO

PICAYUNE PCU

Procedure NA for arrivals at PCU VOR/DME via V552 northbound and V455 northeastbound.

RYTHM

2000 146° (26.1)

2000 175° (23.3)

692

91

166 RW36

710

170

745

(FAF) REKKO 555

358° (6.2) 1300

(IAF) FIKEL

2000 NoPT 087° (6)

2000 NoPT 268° (6)

(IAF) DUFOS

(IF/IAF) HOOTY

178°

358°

4 NM

MSA RW36 25 NM

2100

2000 NoPT 358° (14.8)

(IAF) MENTC

4 NM Holding Pattern

HOOTY

2000

178° 358°

REKKO

358°

1.1 NM to RW36

1300

3.02° TCH 45

RW36

VGSI and descent angles not coincident.

2000 TUCCO

6.2 NM 2.7NM 1.1

CATEGORY	A	B	C	D
LNAV MDA	420-1 392 (400-1)			NA
CIRCLING	480-1 452 (500-1)		480-1½ 452 (500-1½)	NA

ELEV 28 D

18

5001 X 100

TDZE 28

36

MIRL Rwy 18-36 L

REIL Rwy 18 and 36 L

358° to RW36

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME PCU	APP CRS	Rwy Idg	4057
112.2	195°	TDZE	28
Chan 59		Apt Elev	28

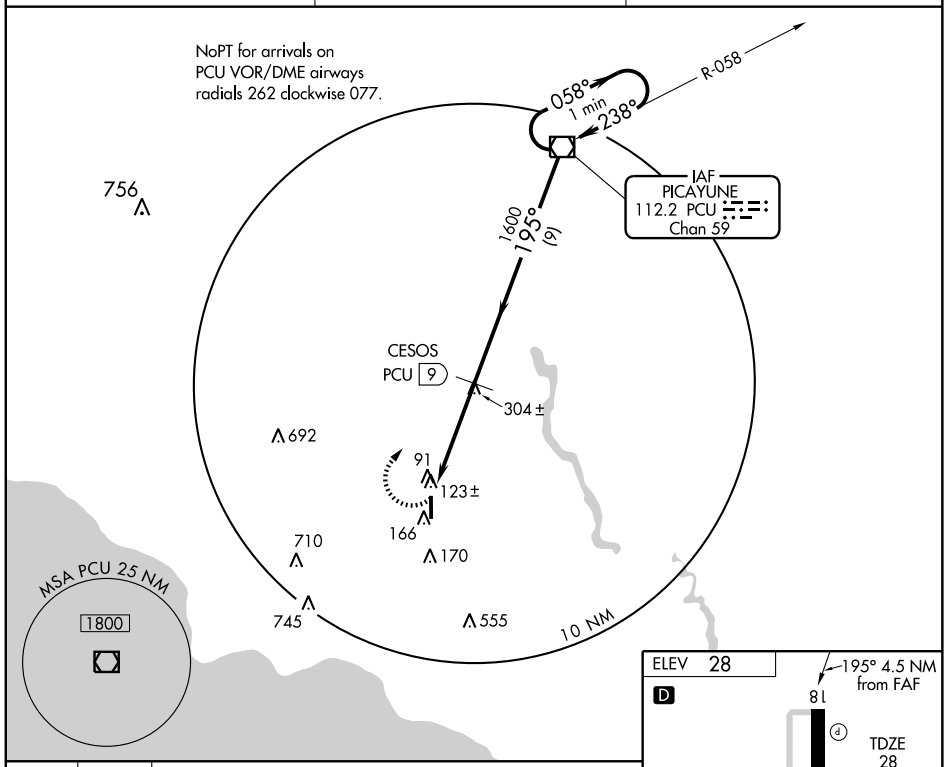
VOR/DME RWY 18

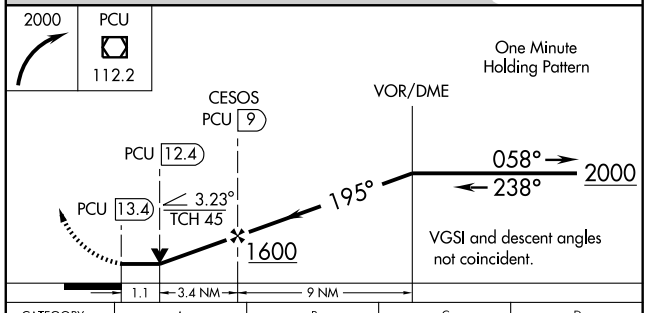
SLIDELL (ASD)

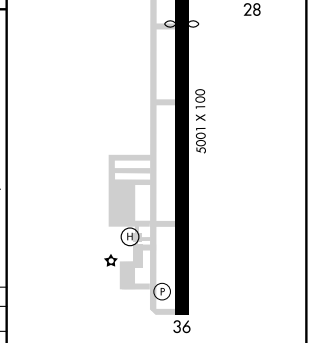
NA

MISSED APPROACH: Climbing right turn to 2000 direct PCU VOR/DME and hold.

ASOS	NEW ORLEANS APP CON	UNICOM
132.475	133.15 290.3	122.8 (CTAF) L







REIL Rwy 18 and 36 L

MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-18	460-1	432 (500-1)	460-1¼ 432 (500-1¼)	NA
CIRCLING	480-1	452 (500-1)	480-1½ 452 (500-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB SPH 375	APP CRS 355°	Rwy Idg 4002 TDZE 210 Apt Elev 218

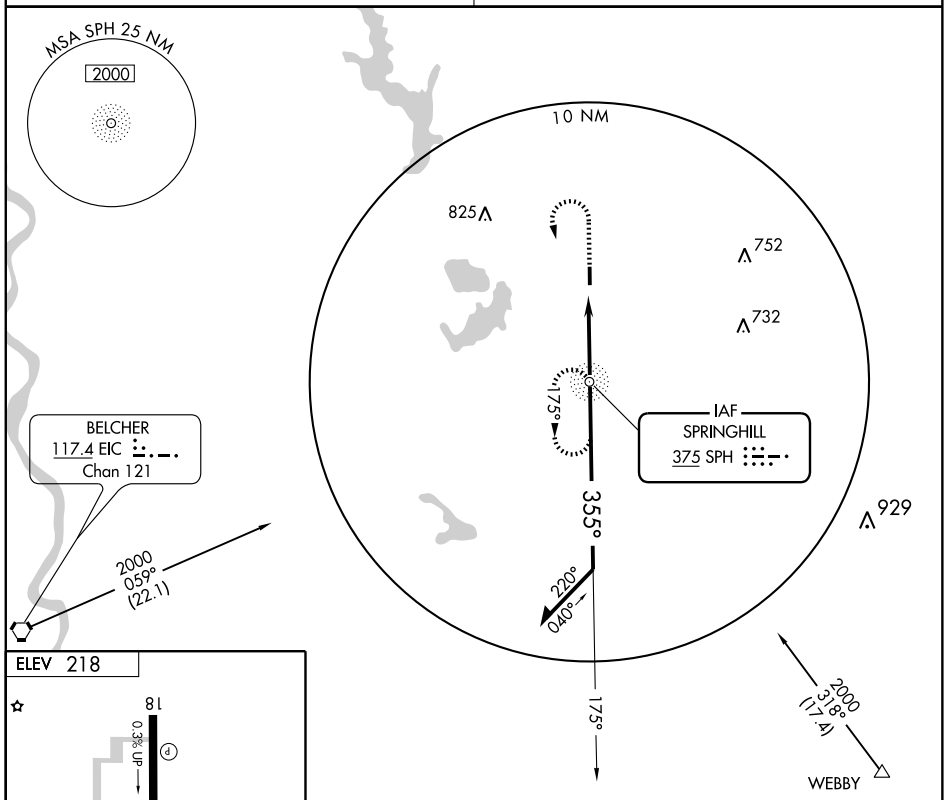
NDB RWY 36
SPRINGHILL (SPH)

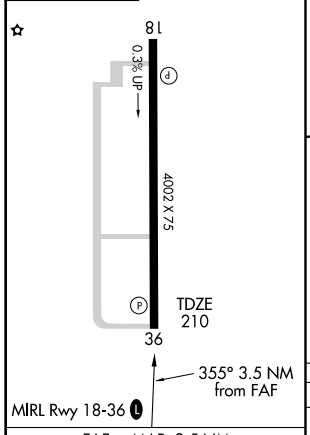
NA — Use Shreveport Regional altimeter setting.

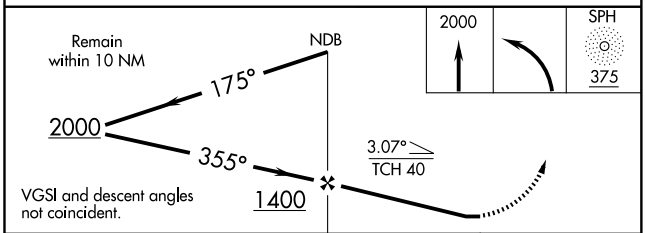
MISSED APPROACH: Climb to 2000 then left turn direct SPH NDB and hold.

SHREVEPORT APP CON
118.6 350.2

UNICOM
122.8 (CTAF) L







FAF to MAP 3.5 NM					
Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

CATEGORY	A	B	C	D
S-36	780-1 570 (600-1)		780-1½ 570 (600-1½)	NA
CIRCLING	800-1 582 (600-1)		800-1½ 582 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-UXL	APP CRS	Rwy Idg	5001
109.3	146°	TDZE	10
		Apt Elev	10

LOC RWY 15

SULPHUR/SOUTHLAND FIELD (UXL)

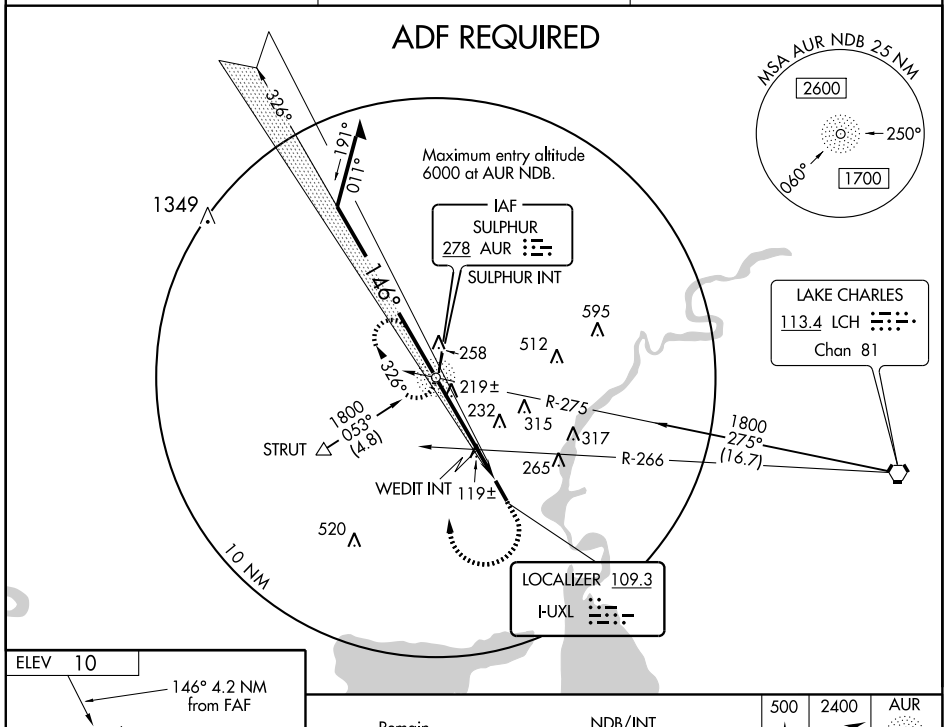
Inoperative table does not apply to S-15 Cat C. Visibility reduction by helicopters NA. When local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase all MDA 20 feet.

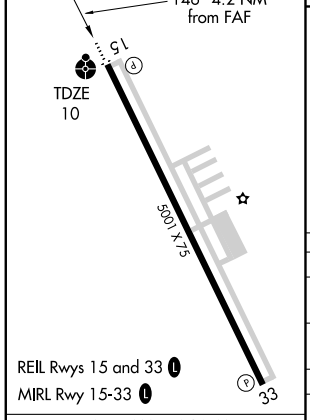
ODALS

MISSED APPROACH: Climb to 500 then climbing right turn to 2400 direct AUR NDB and hold, continue climb-in-hold to 2400.

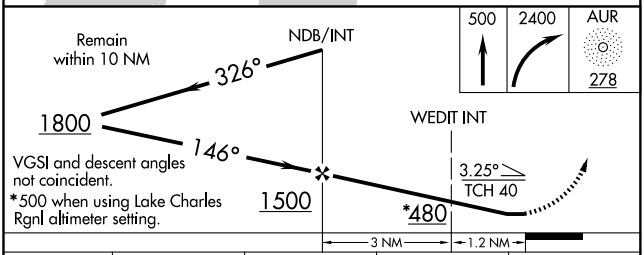
AWOS-3	LAKE CHARLES APP CON ★	UNICOM
118.175	119.35 282.3	122.8 (CTAF) L

ADF REQUIRED





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-15	480-¾ 470 (500-¾)		480-1¼ 470 (500-1¼)	480-1½ 470 (500-1½)
CIRCLING	480-1 470 (500-1)	520-1 510 (600-1)	520-1½ 510 (600-1½)	640-2 630 (700-2)
WEDIT FIX MINIMUMS				
S-15	380-¾ 370 (400-¾)			380-1¼ 370 (400-1¼)
CIRCLING	420-1 410 (500-1)	520-1 510 (600-1)	520-1½ 510 (600-1½)	640-2 630 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5001
CH **86711**	**146°**	TDZE	**10**
W15A		Apt Elev	**10**

RNAV (GPS) RWY 15

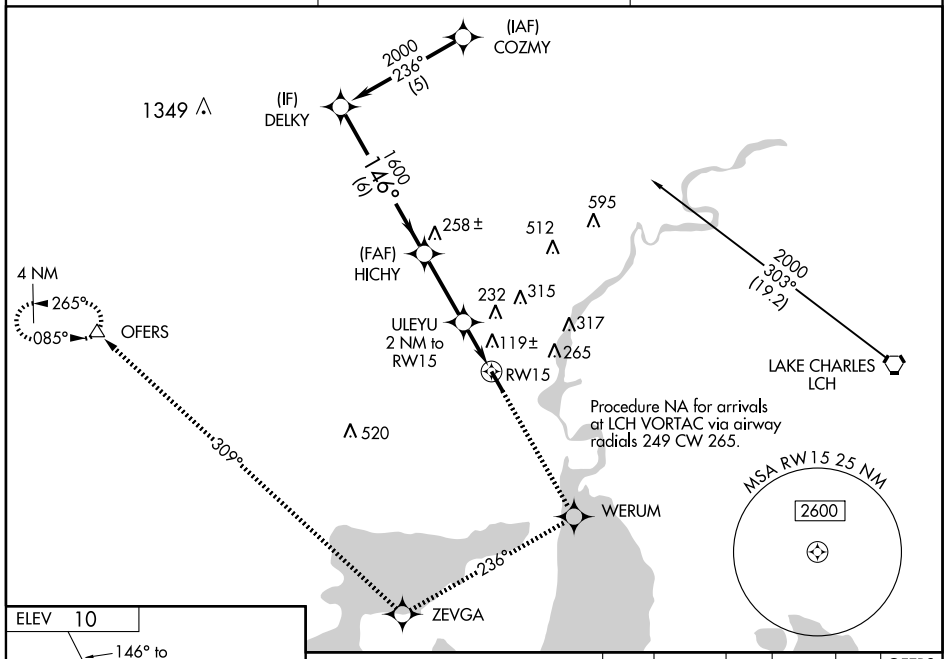
SULPHUR/SOUTHLAND FIELD (UXL)

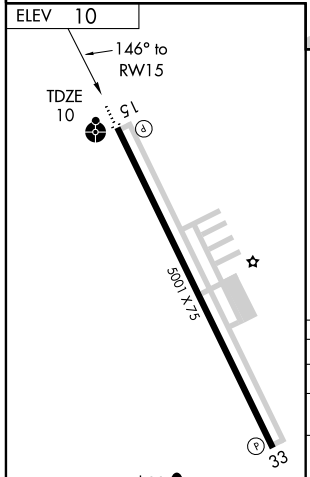
Inoperative table does not apply to LNAV/VNAV. Baro-VNAV NA when using Lake Charles Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase all DA 19 feet, all MDA 20 feet and LPV visibility ¼ mile all Cats. VDP NA when using Lake Charles Rgnl altimeter setting.

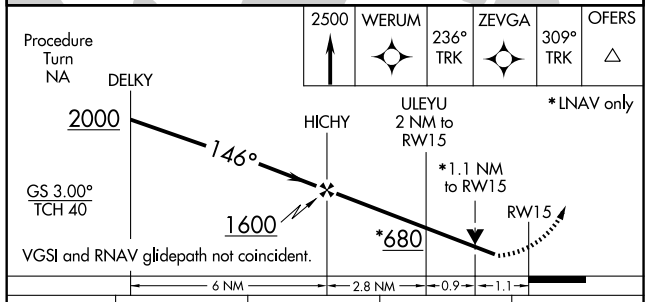
ODALS

MISSED APPROACH: Climb to 2500 direct WERUM and via 236° track to ZEVGA and via 309° track to OFERS and hold.

AWOS-3	LAKE CHARLES APP CON ★	UNICOM
118.175	**119.35 282.3**	**122.8** (CTAF) L







CATEGORY	A	B	C	D
LPV DA		309-1	299 (300-1)	
LNAV/VNAV DA		419-1½	409 (500-1½)	
LNAV MDA	380-¾	370 (400-¾)		380-1¼ 370 (400-1¼)
CIRCLING	420-1 410 (500-1)	520-1 510 (600-1)	520-1½ 510 (600-1½)	640-2 630 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5001
CH 99610	326°	TDZE	10
W33A		Apt Elev	10

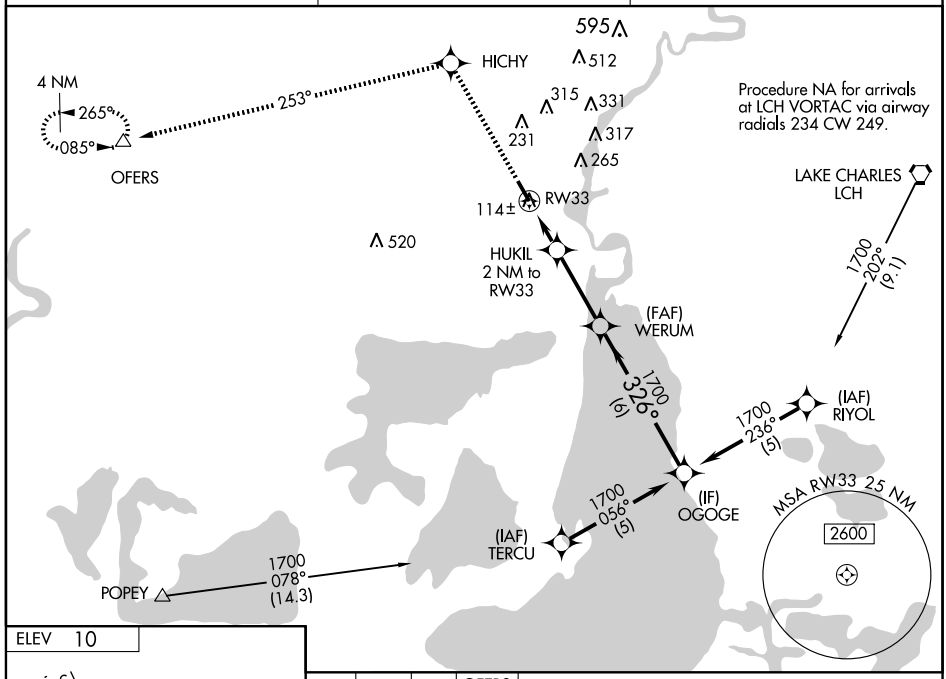
RNAV (GPS) RWY 33

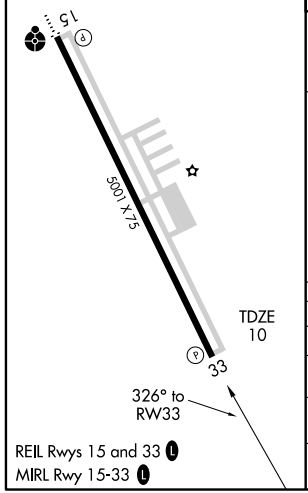
SULPHUR/SOUTHLAND FIELD (UXL)

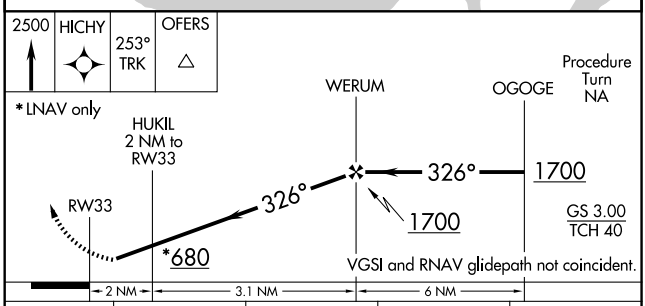
Baro-VNAV NA when using Lake Charles Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase all DA 19 feet, all MDA 20 feet and LNAV/VNAV visibility ¼mile all Cats.

MISSED APPROACH: Climb to 2500 direct HICHY and via 253° track to OFERS and hold.

AWOS-3	LAKE CHARLES APP CON ★	UNICOM
118.175	119.35 282.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	348-1¼ 338 (400-1¼)			
LNAV/VNAV DA	384-1¼ 374 (400-1¼)			
LNAV MDA	380-1 370 (400-1)			380-1¼ 370 (400-1¼)
CIRCLING	420-1 410 (500-1)	520-1 510 (600-1)	520-1½ 510 (600-1½)	640-2 630 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LCH	APP CRS	Rwy Idg	N/A
113.4	261°	TDZE	N/A
Chan 81		Apt Elev	10

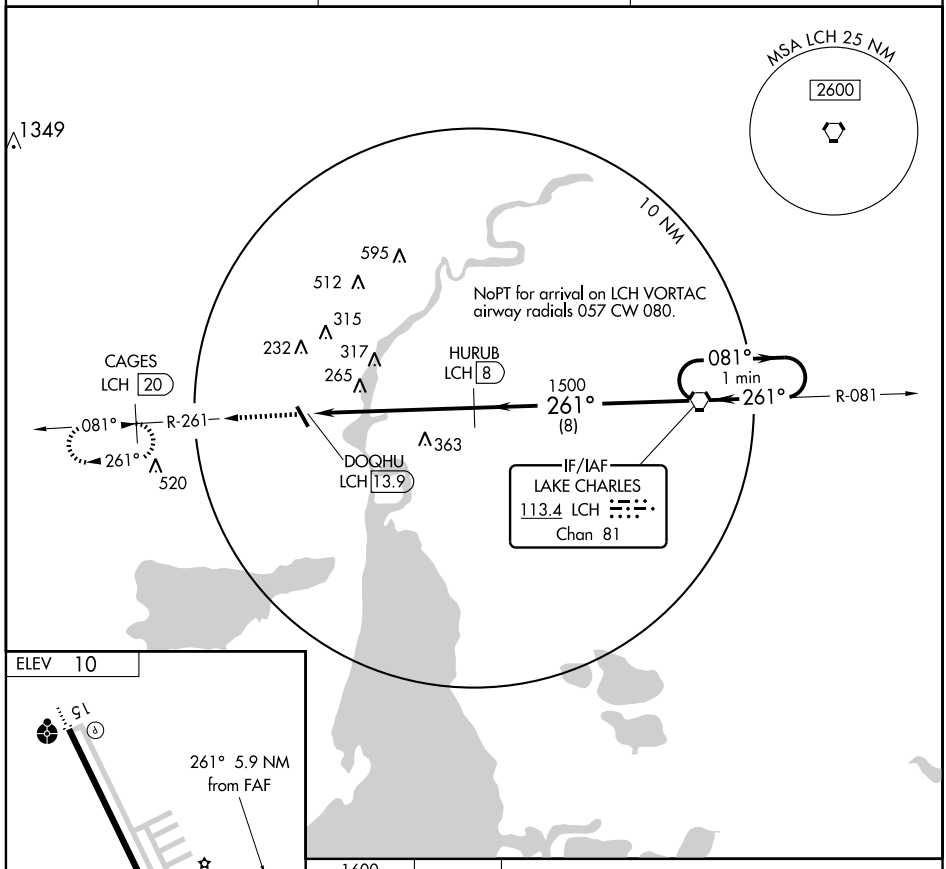
VOR/DME-A

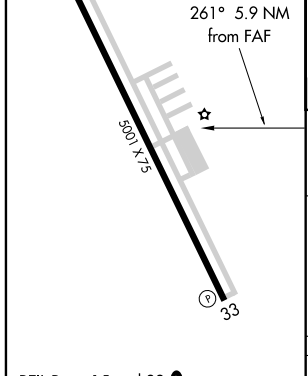
SULPHUR/ SOUTHLAND FIELD (UXL)

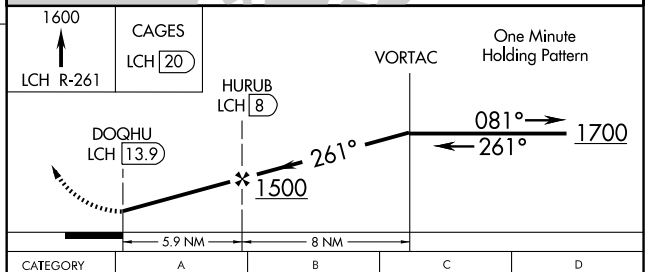
When local altimeter setting not received, use Lake Charles Rgnl altimeter setting and increase all MDA 20 feet and circling Cats C and D visibility ¼ mile.

MISSED APPROACH: Climb to 1600 via LCH R-261 to CAGES/20 DME and hold.

AWOS-3	LAKE CHARLES APP CON ★	UNICOM
118.175	119.35 282.3	122.8 (CTAF) Ⓛ







REIL Rwys 15 and 33 Ⓛ
MIRL Rwy 15-33 Ⓛ

CATEGORY	A	B	C	D
CIRCLING	680-1	670 (700-1)	680-1¾	680-2
			670 (700-1¾)	670 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

TALLULAH, LOUISIANA

AL-9196 (FAA)

LOC I-TVR	APP CRS	Rwy Idg / TDZE / Apt Elev
109.7	357°	5000 / 86 / 86

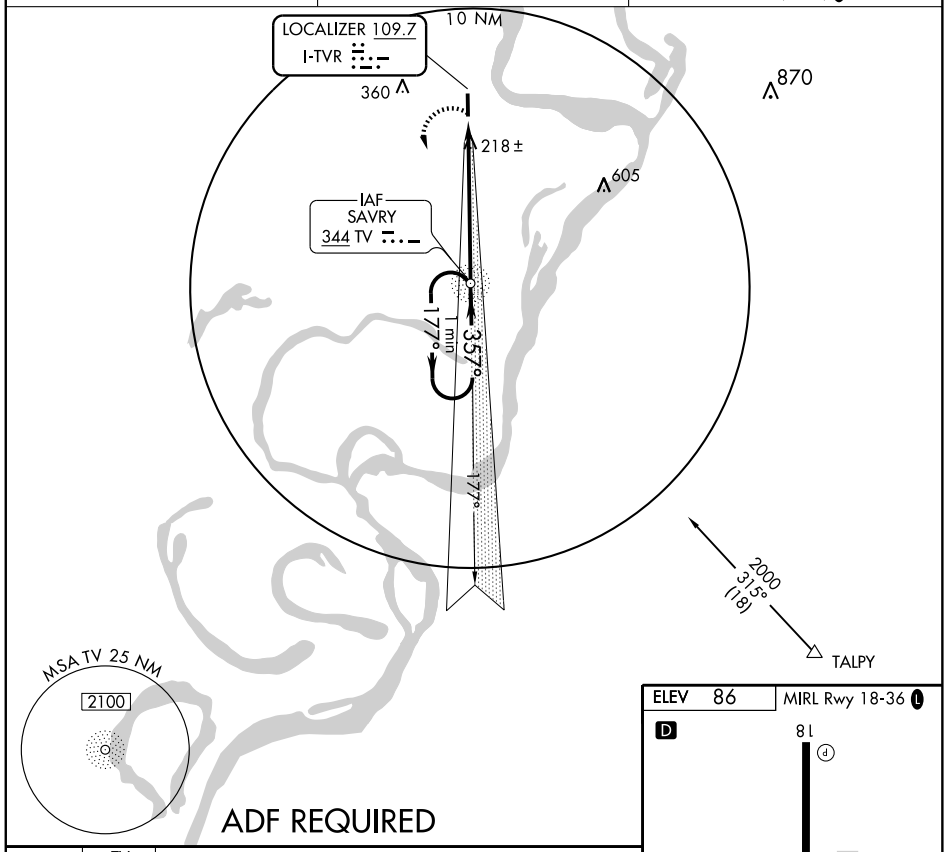
LOC RWY 36

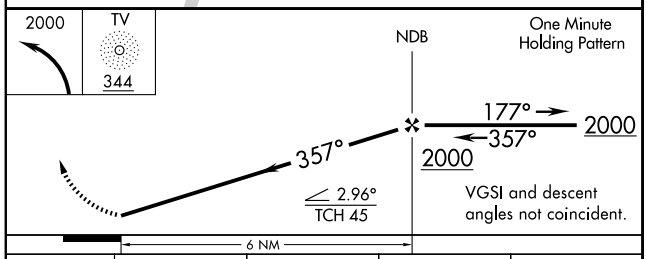
TALLULAH/ VICKSBURG TALLULAH RGNL (TVR)

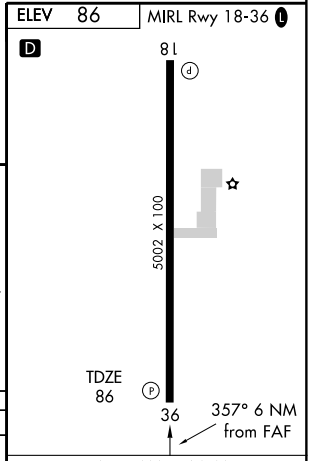
If local altimeter setting not received, use Monroe Regional altimeter setting and increase all MDAs 140 feet.

MISSED APPROACH: Climbing left turn to 2000 direct TV NDB and hold.

ASOS-3	MEMPHIS CENTER	UNICOM
118.525	132.5 259.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-36	500-1 414 (500-1)		500-1¼ 414 (500-1¼)	500-1½ 414 (500-1½)
CIRCLING	520-1 434 (500-1)	540-1 454 (500-1)	540-1½ 454 (500-1½)	640-2 554 (600-2)

FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
177°	TDZE	85
	Apt Elev	86

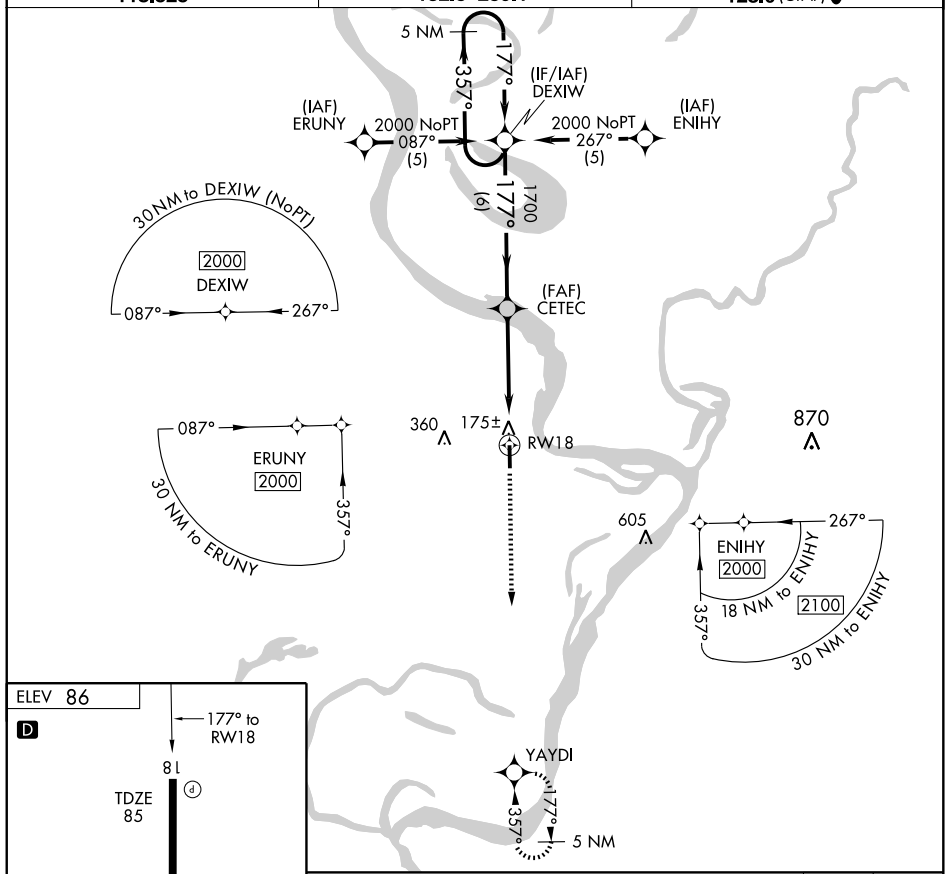
RNAV (GPS) RWY 18

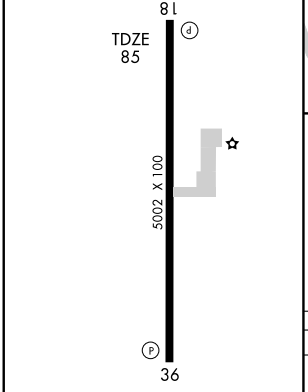
TALLULAH/ VICKSBURG TALLULAH RGNL (TVR)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Hardy-Anders Field Natchez-Adams County altimeter setting and increase all MDAs140 feet.
VDP NA with Hardy-Anders Field Natchez-Adams County altimeter setting.

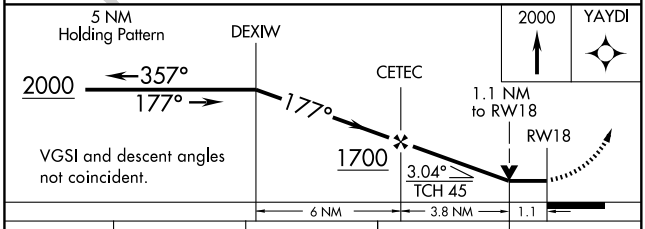
MISSED APPROACH: Climb to 2000 direct YAYDI and hold.

ASOS-3	MEMPHIS CENTER	UNICOM
118.525	132.5 259.1	123.0 (CTAF) L





MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	500-1 415 (500-1)		500-1¼ 415 (500-1¼)	
CIRCLING	520-1 434 (500-1)	540-1 454 (500-1)	540-1½ 454 (500-1½)	640-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5000
Chan 99700	357°	TDZE	86
W36A		Apt Elev	86

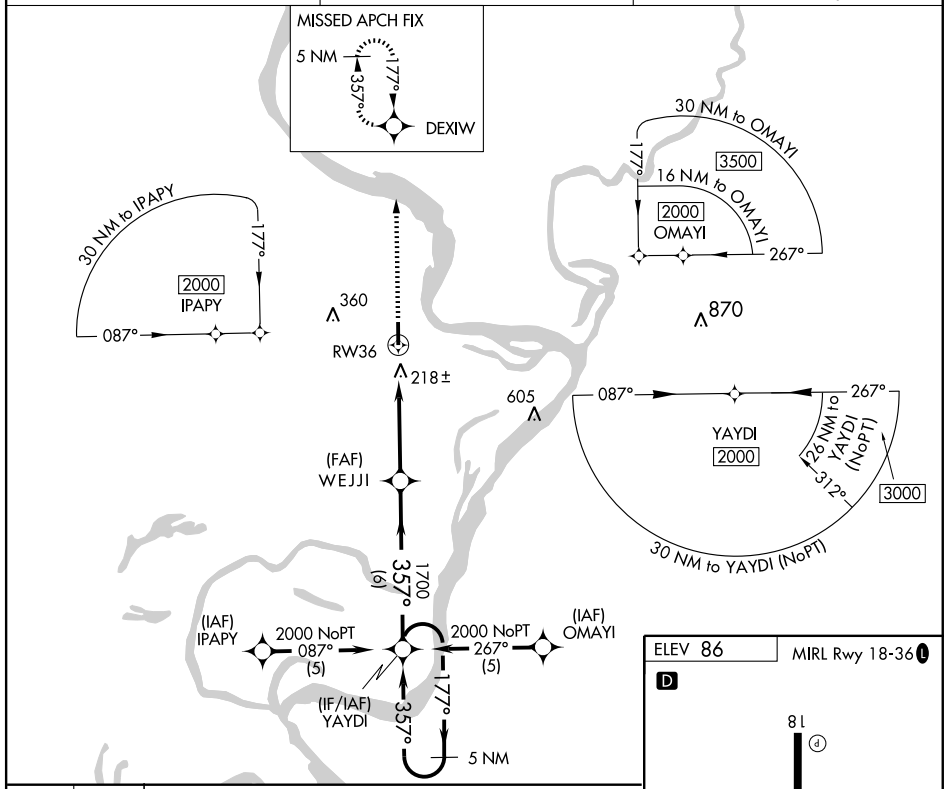
RNAV (GPS) RWY 36

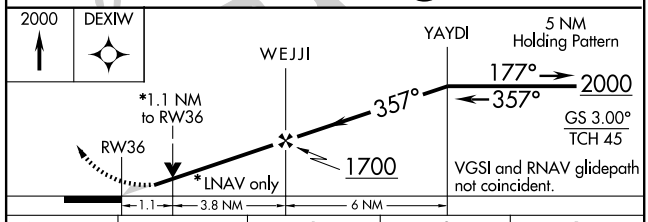
TALLULAH/ VICKSBURG TALLULAH RGNL (TVR)

DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). If local altimeter setting not received, use Hardy-Anders Field Natchez-Adams County altimeter setting and increase all DAs/MDAs 140 feet. BARO-VNAV and VDP NA with Hardy-Anders Field Natchez-Adams County altimeter setting.

MISSED APPROACH: Climb to 2000 direct DEXIW and hold.

ASOS-3	MEMPHIS CENTER	UNICOM
118.525	132.5 259.1	123.0 (CTAF) L

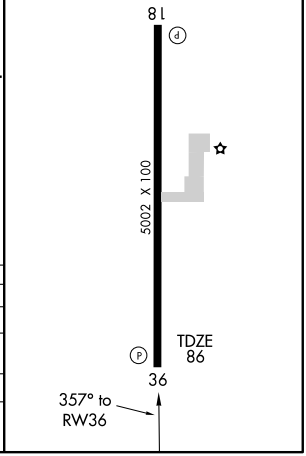




CATEGORY	A	B	C	D
LPV DA	371-1 285 (300-1)			
LNAV/VNAV DA	498-1½ 412 (500-1½)			
LNAV MDA	500-1 414 (500-1)		500-1¼ 414 (500-1¼)	
CIRCLING	520-1½ 434 (500-1½)	540-1½ 454 (500-1½)		640-2 554 (600-2)

ELEV 86 MIRL Rwy 18-36 L

D



VORTAC TBD	APP CRS	Rwy Idg	N/A
112.0	356°	TDZE	N/A
Chan 57		Apt Elev	9

VOR or GPS-A

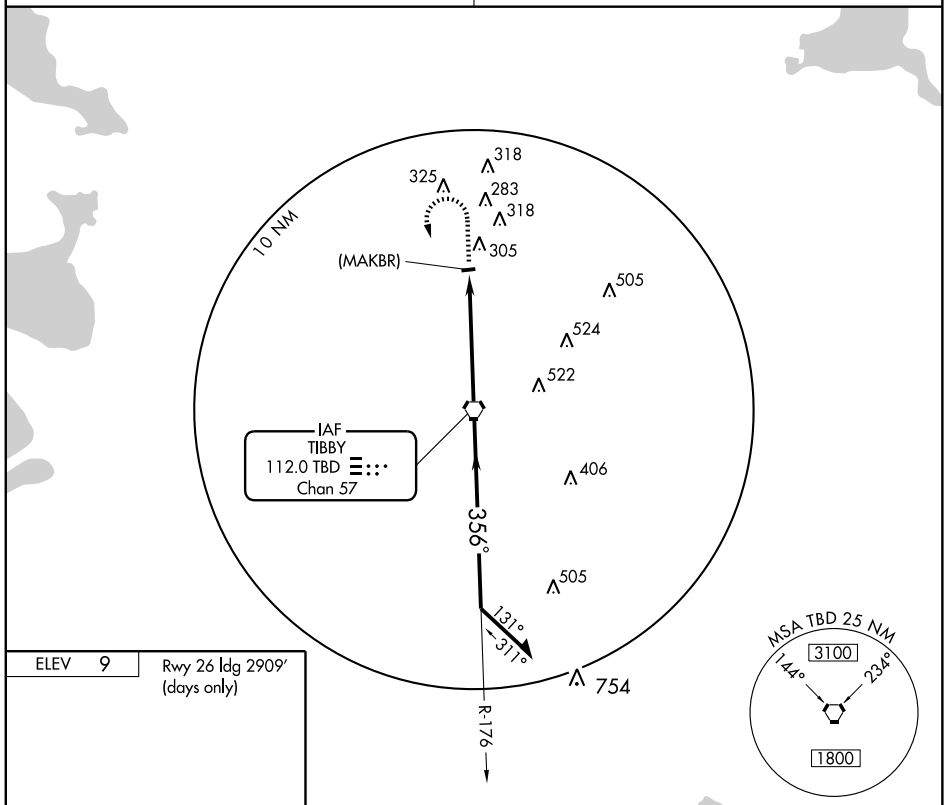
THIBODAUX MUNI (L83)

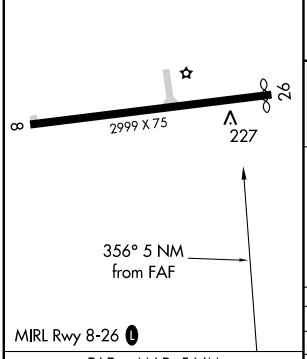
Obtain local altimeter on CTAF; if not received, use New Orleans Intl (Moisant Field) altimeter setting.
NA

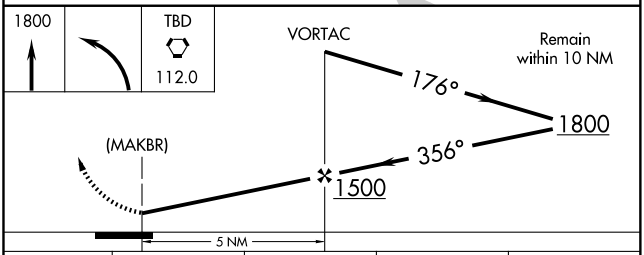
MISSED APPROACH: Climb to 1800 then left turn direct TBD VORTAC.

NEW ORLEANS APP CON
118.9 256.9

UNICOM
122.8 (CTAF) L







FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
CIRCLING	620-1	611 (700-1)	NA	
NEW ORLEANS INTL (MOISANT FIELD) ALTIMETER SETTING MINIMUMS				
CIRCLING	760-1 751 (800-1)	760-1¼ 751 (800-1¼)	NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB VIV 284	APP CRS 090°	Rwy Idg 2998 TDZE 260 Apt Elev 260

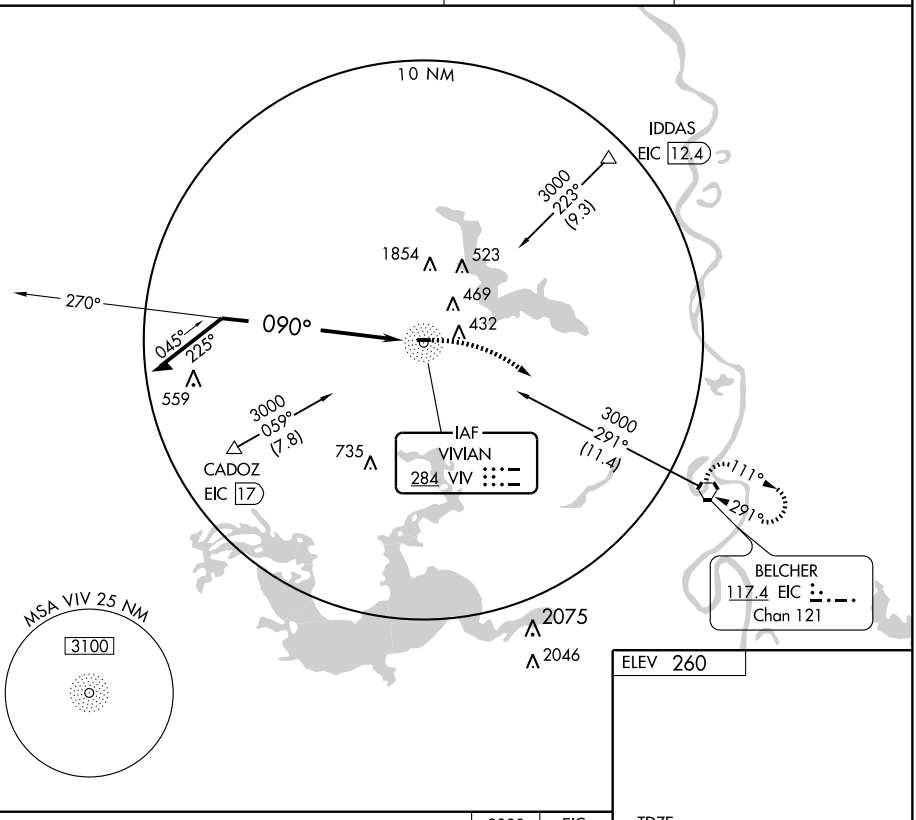
NDB RWY 9
VIVIAN (3F4)

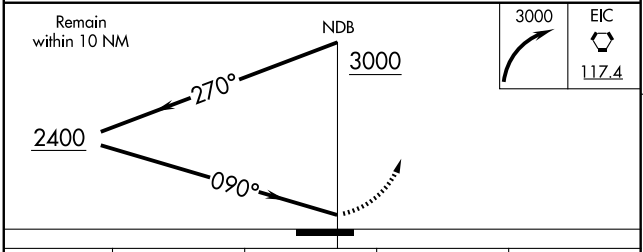
Circling NA north of Rwy 9-27. Use Shreveport Rgnl altimeter setting; when not received, use Shreveport Downtown altimeter setting.

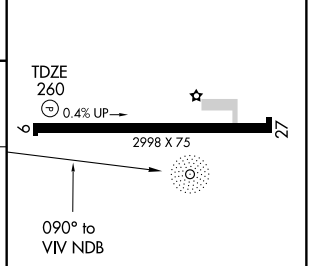
NA

MISSED APPROACH: Climbing right turn to 3000 direct EIC VORTAC and hold.

SHREVEPORT APP CON	UNICOM	GCO
119.9 335.55	122.8 (CTAF) L	135.075







CATEGORY	A	B	C	D
S-9	980-1	720 (800-1)	980-2 720 (800-2)	NA
CIRCLING	980-1	720 (800-1)	980-2 720 (800-2)	NA

MIRL Rwy 9-27 L
REIL Rwy 9 L

SC-4, 17 DEC 2009 to 14 JAN 2010

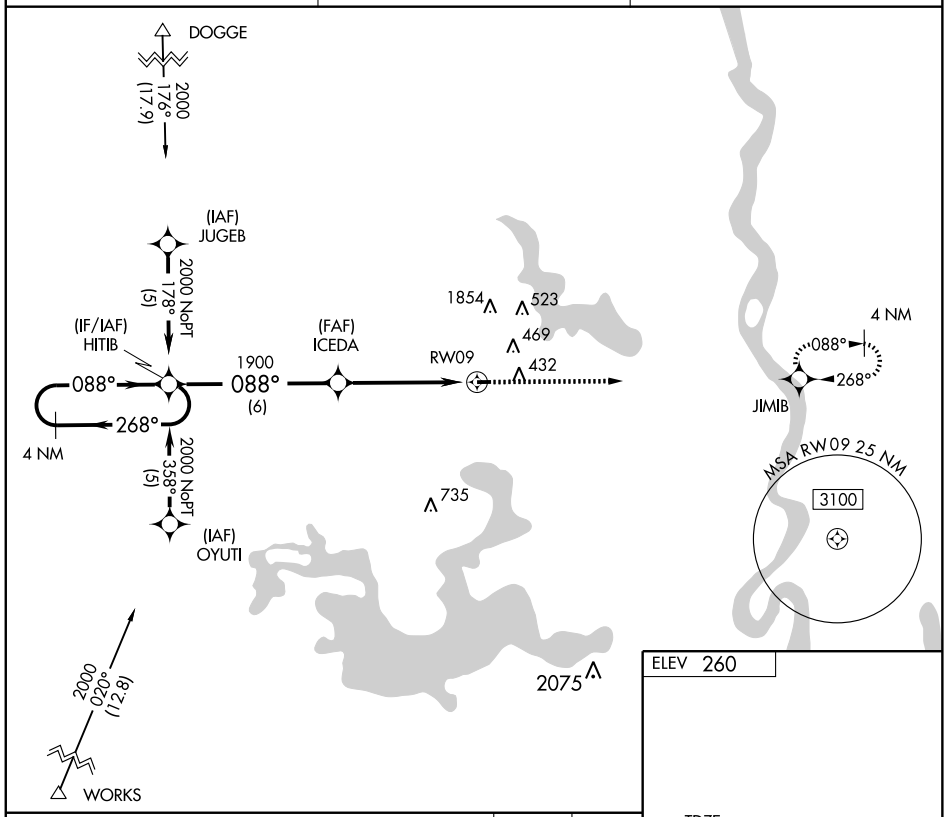
APP CRS	Rwy Idg	2998
088°	TDZE	260
	Apt Elev	260

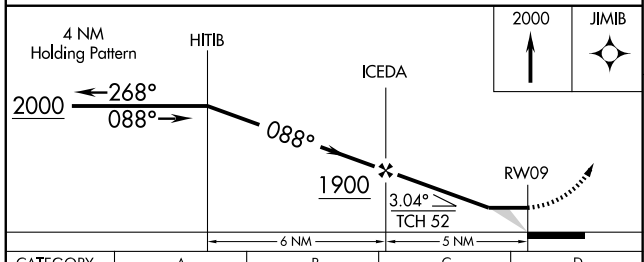
RNAV (GPS) RWY 9
VIVIAN (3F4)

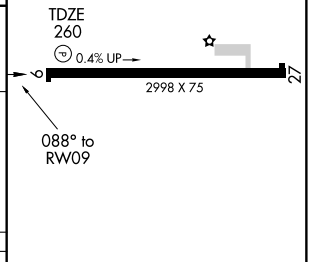
Circling NA north of Rwy 9-27. DME/DME RNP-0.3 NA. Use Shreveport Rgnl altimeter setting; when not received, use Shreveport Downtown altimeter setting.

MISSED APPROACH: Climb to 2000 direct JIMIB and hold.

SHREVEPORT APP CON	UNICOM	GCO
119.9 335.55	122.8 (CTAF) L	135.075







CATEGORY	A	B	C	D
LNAV MDA	860-1	600 (600-1)	860-1½ 600 (600-1½)	NA
CIRCLING	860-1	600 (600-1)	880-1¾ 620 (700-1¾)	NA

MIRL Rwy 9-27 L
REIL Rwy 9 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	2998
268°	TDZE	260
	Apt Elev	260

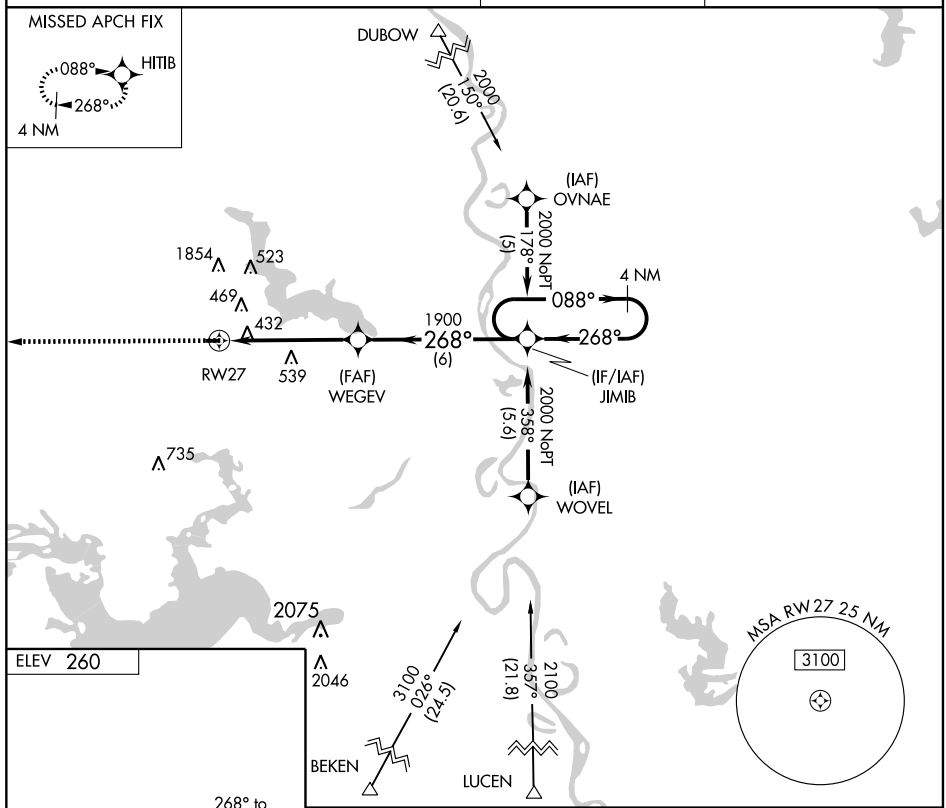
RNAV (GPS) RWY 27
VIVIAN (3F4)

NA

Circling NA north of Rwy 9-27. DME/DME RNP-0.3 NA. Use Shreveport Rgnl altimeter setting; when not received, use Shreveport Downtown altimeter setting.

MISSED APPROACH: Climb to 2000 direct HITIB and hold.

SHREVEPORT APP CON	UNICOM	GCO
119.9 335.55	122.8 (CTAF) L	135.075



CATEGORY	A	B	C	D
LNAV MDA	860-1	600 (600-1)	860-1½ 600 (600-1½)	NA
CIRCLING	860-1	600 (600-1)	880-1¾ 620 (700-1¾)	NA

MIRL Rwy 9-27 L
REIL Rwy 9 L

SC-4, 17 DEC 2009 to 14 JAN 2010

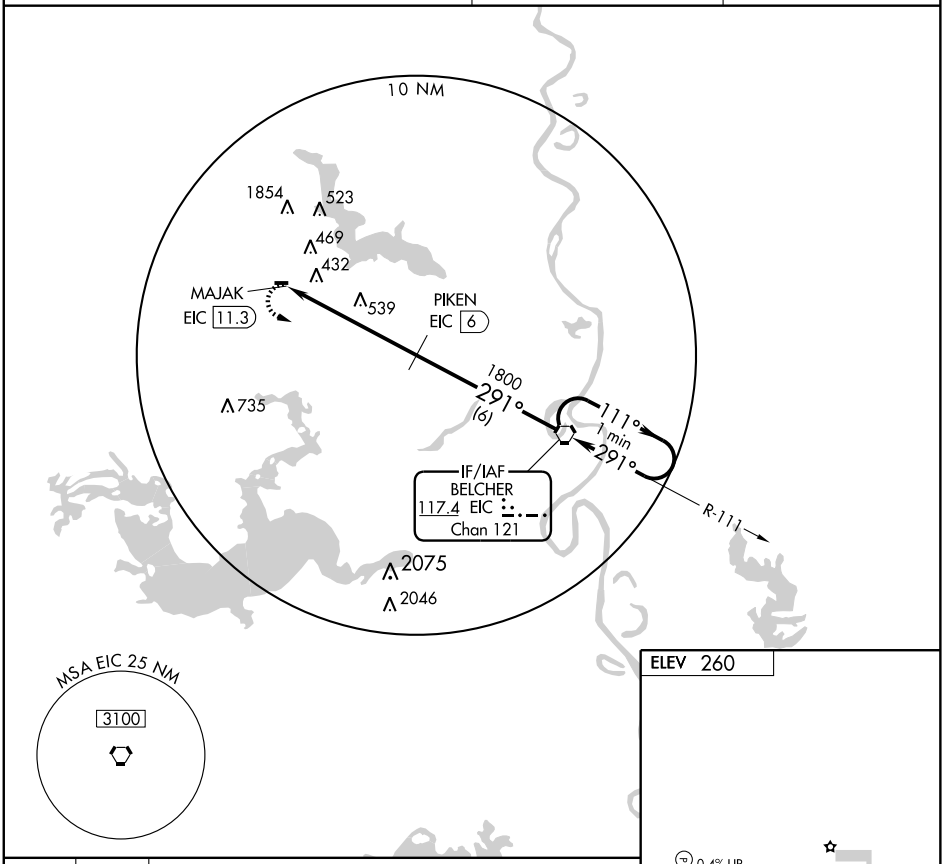
VORTAC EIC 117.4 Chan 121	APP CRS 291°	Rwy Idg N/A TDZE N/A Apt Elev 260

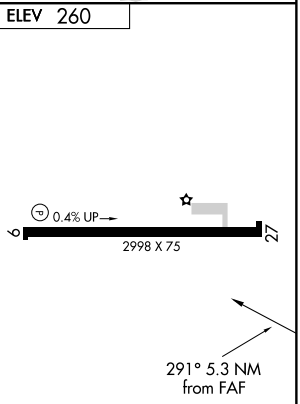
VOR/DME-A
VIVIAN (3F4)

Circling NA north of Rwy 9-27. Use Shreveport Rgnl altimeter setting; when not received, use Shreveport Downtown altimeter setting.

MISSED APPROACH: Climbing left turn to 3000 direct EIC VORTAC and hold.

SHREVEPORT APP CON	UNICOM	GCO
119.9 335.55	122.8 (CTAF) L	135.075





CATEGORY	A	B	C	D
CIRCLING	860-1	600 (600-1)	880-1¾ 620 (700-1¾)	NA

MIRL Rwy 9-27 L
REIL Rwy 9 L

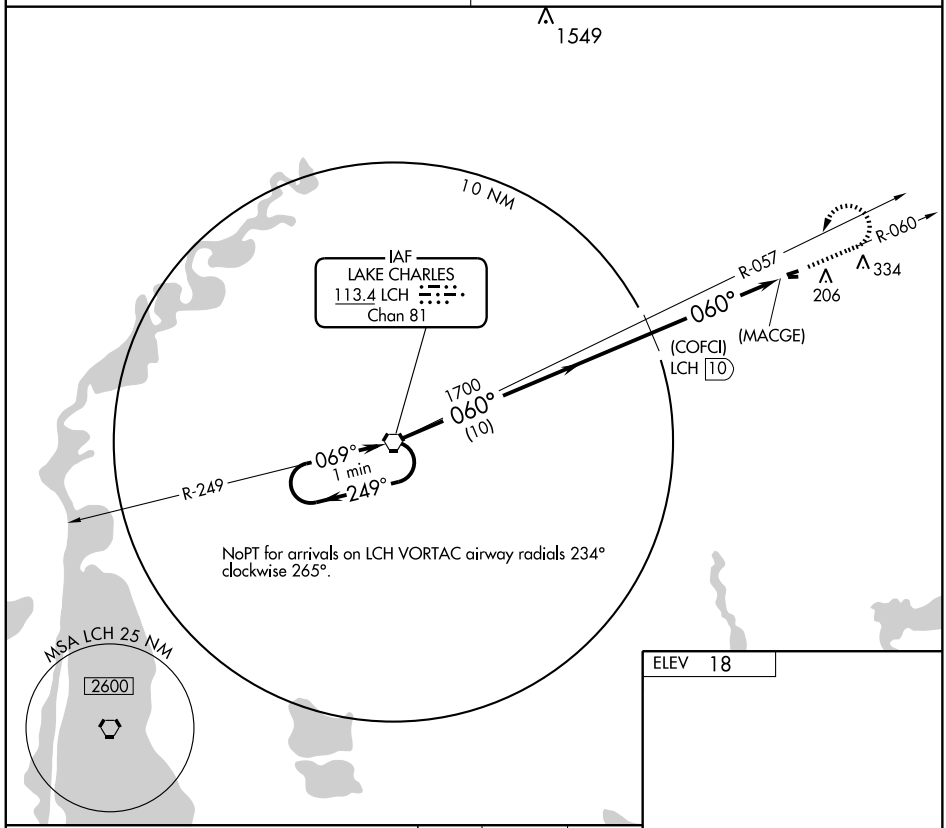
SC-4, 17 DEC 2009 to 14 JAN 2010

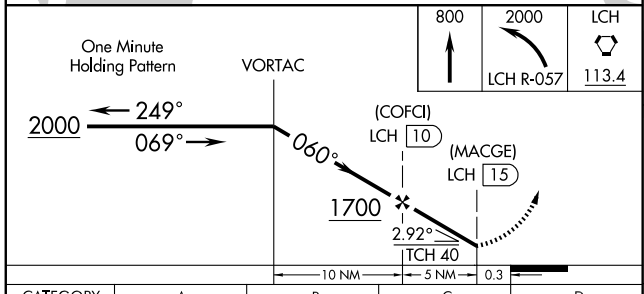
VORTAC LCH 113.4 Chan 81	APP CRS 060°	Rwy Idg 2700 TDZE 18 Apt Elev 18

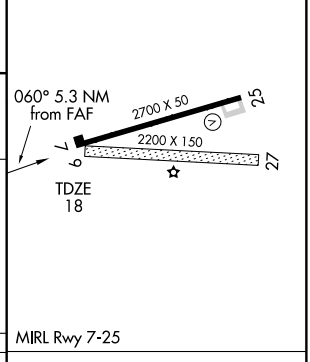
VOR/DME or GPS RWY 7

WELSH (6R1)

NA Use Lake Charles altimeter setting.	MISSED APPROACH: Climb to 800 then climbing left turn to 2000 via LCH R-057 to LCH VORTAC.
LAKE CHARLES APP CON ★ 119.8 282.3	UNICOM 122.8 (CTAF)







CATEGORY	A	B	C	D
S-7	440-1 422 (500-1)		NA	
CIRCLING	600-1 582 (600-1)		NA	

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS		
087°	Rwy Idg	3002
	TDZE	146
	Apt Elev	146

RNAV (GPS) RWY 9

WINNFIELD/ DAVID G. JOYCE (ØR5)

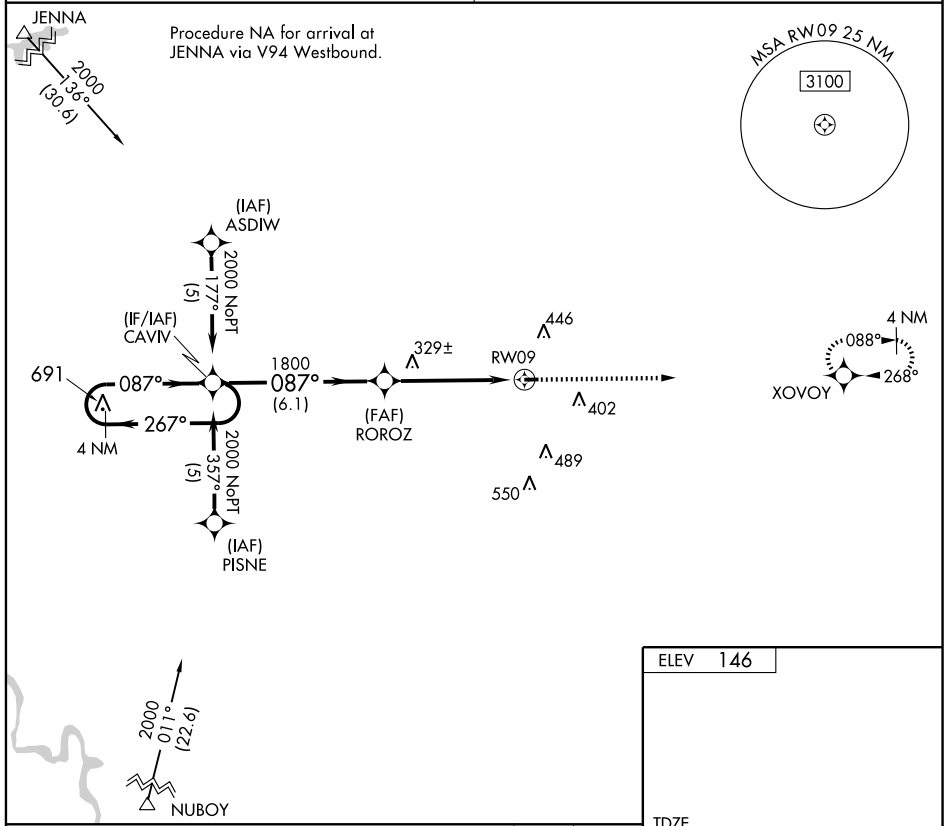
DME/DME RNP-0.3 NA. Use Alexandria Intl altimeter setting, when not received use Esler Rgnl altimeter setting.

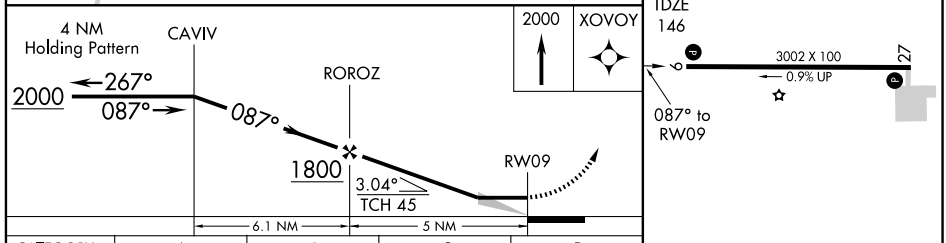
NA

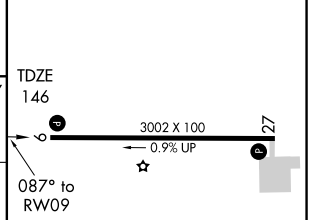
MISSED APPROACH: Climb to 2000 direct XOVOY and hold.

POLK APP CON	UNICOM
125.4 302.2	122.7 (CTAF) L

Procedure NA for arrival at JENNA via V94 Westbound.







CATEGORY	A	B	C	D
LNAV MDA	680-1	534 (600-1)	NA	
CIRCLING	700-1	554 (600-1)	NA	

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3002
267°	TDZE	146
	Apt Elev	146

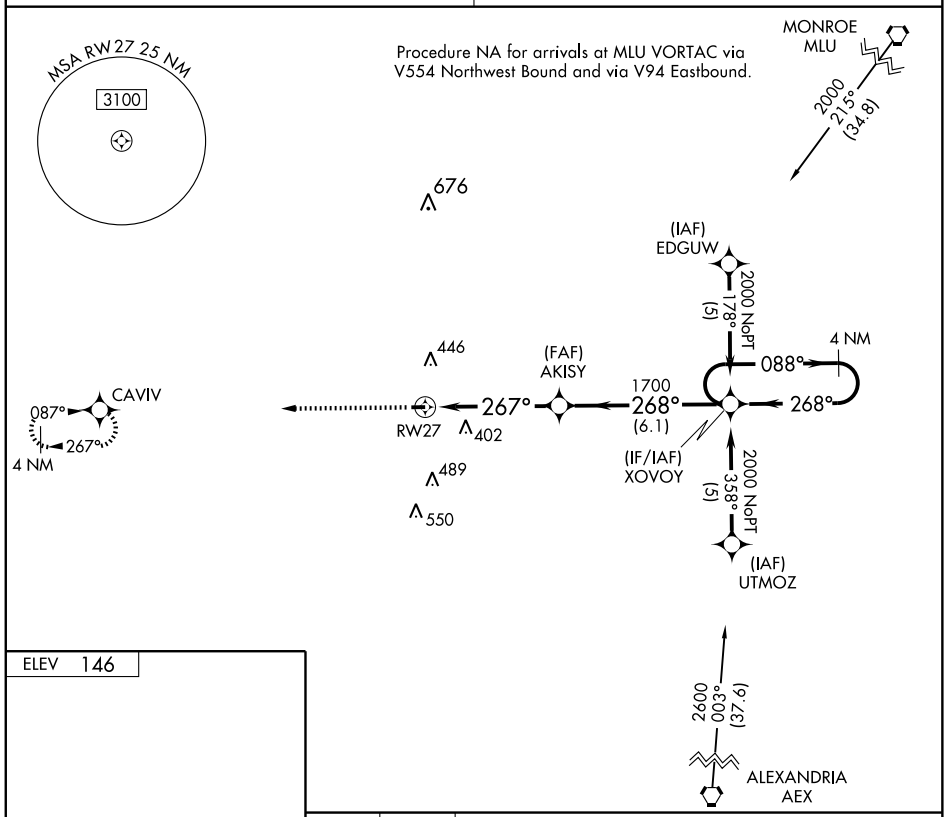
RNAV (GPS) RWY 27

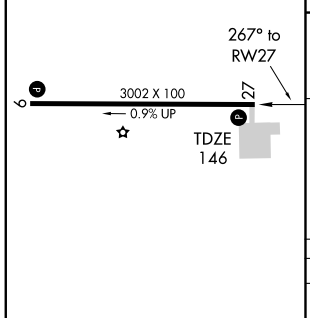
WINNFIELD/ DAVID G. JOYCE (ØR5)

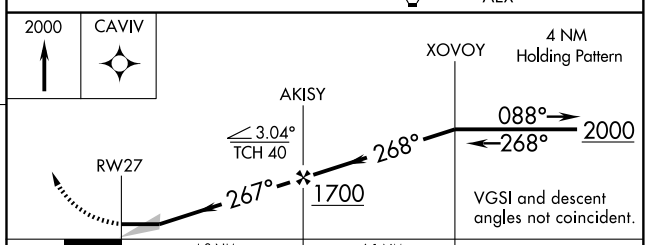
DME/DME RNP-0.3 NA. Use Alexandria Intl altimeter setting, when not received use Esler Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct CAVIV and hold.

POLK APP CON	UNICOM
125.4 302.2	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	740-1	594 (600-1)	NA	
CIRCLING	740-1	594 (600-1)	NA	

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ALEXANDRIA, LA
ESLER RGNL ..... **RNAV (GPS) Rwy 8**
RNAV (GPS) Rwy 26
NA when local weather not available.

BASTROP, LA
MOREHOUSE
MEMORIAL ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.

BATON ROUGE, LA
BATON ROUGE METROPOLITAN:
RYAN FIELD ..... **ILS or LOC Rwy 13[12]**
ILS or LOC Rwy 22R[124]
NDB Rwy 31[23]
RADAR-1[2]
RNAV (GPS) Rwy 4L[4]
RNAV (GPS) Rwy 22R[4]
RNAV (GPS) Rwy 31[4]
VOR Rwy 4L[3]
[1]ILS, Category D, 700-2.
[2]NA when control tower closed.
[3]Categories A,B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[4]NA when local weather not available.

BAY ST LOUIS, MS
STENNIS INTL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
VOR-A
NA when local weather not available.

BOGALUSA, LA
GEORGE R CARR MEMORIAL
AIR FIELD ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

COLUMBUS-WEST POINT-STARKVILLE, MS
GOLDEN TRIANGLE
RGNL ..... **ILS or LOC Rwy 18[1]**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.
[1]NA when control tower closed.

CORINTH, MS
ROSCOE TURNER ..... **ILS or LOC Rwy 18**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.

DE RIDDER, LA
BEAUREGARD RGNL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

GALLIANO, LA
SOUTH LAFOURCHE LEONARD
MILLER JR ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

GREENVILLE, MS
MID DELTA RGNL ..... **ILS or LOC Rwy 18L[1]**
NDB Rwy 36L[1]
NDB Rwy 36R[1]
RNAV (GPS) Rwy 18L[2]
RNAV (GPS) Rwy 18R[2]
RNAV (GPS) Rwy 36L[2]
RNAV (GPS) Rwy 36R[2]
VOR/DME Rwy 18L[2]
VOR/DME Rwy 18R[2]
[1]NA when control tower closed.
[2]NA when local weather not available.

GREENWOOD, MS
GREENWOOD-LEFLORE . **ILS or LOC Rwy 18[1]**
VOR Rwy 5[2]
[1]ILS, Categories C,D, 700-2.
[2]Category D, 800-2¼

NAME	ALTERNATE MINIMUMS

GULFPORT, MS

GULFPORT-BILOXI INTL ..... **ILS or LOC Rwy 14[12]**
ILS or LOC/DME Rwy 32[12]
ILS or LOC RWY 35[3]
RADAR-1[24]
RNAV (GPS) Rwy 14[3]
RNAV (GPS) Rwy 18[3]
RNAV (GPS) Rwy 32[3]
RNAV (GPS) Rwy 36[3]
VOR/DME or TACAN Rwy 14[4]
VOR/DME or TACAN Rwy 32[4]

[1]ILS, Categories B,C,D, 700-2; Category E, 800-2¾. LOC, Category E, 800-2¾.
[2]NA when control tower closed.
[3]NA when local weather not available.
[4]Category E, 800-2¾.

HAMMOND, LA

HAMMOND NORTHSHORE RGNL ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 31

NA when local weather not available.

HATTIESBURG, MS

HATTIESBURG BOBBY L. CHAIN MUNI ..... **RNAV (GPS) Y Rwy 13**
RNAV (GPS) Z Rwy 13
VOR Rwy 13[1]

NA when local weather not available.
[1]Categories A, B, 1900-2; Categories C, D, 1900-3.

HATTIESBURG/LAUREL, MS

HATTIESBURG-LAUREL RGNL ..... **ILS Rwy 18[1]**
RNAV (GPS) Rwy 18[2]
RNAV (GPS) Rwy 36[2]

[1]NA when control zone not in effect.
[2]NA when local weather not available.

HOUMA, LA

HOUMA-TERREBONNE ..... **Copter VOR/DME 12[1]**
ILS or LOC Rwy 18[123]
RNAV (GPS) Rwy 12[14]
RNAV (GPS) Rwy 18[1]
RNAV (GPS) Rwy 30[1]
RNAV (GPS) Rwy 36[1]
VOR/DME Rwy 30[1]
VOR Rwy 12[124]

[1]NA when local weather not available.
[2]NA when control tower closed.
[3]ILS, Category D, 700-2.
[4]Category D, 800-2¼.

NAME	ALTERNATE MINIMUMS

JACKSON, MS

HAWKINS FIELD ..... **ILS Rwy 16[1]**
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

JACKSON-EVERS INTL ..... **ILS or LOC Rwy 34L[12]**
RADAR-1[1]
RNAV (GPS) Rwy 16L[3]
RNAV (GPS) Rwy 16R[3]
RNAV (GPS) Rwy 34L[3]
RNAV (GPS) Rwy 34R[3]

[1]NA when control tower closed.
[2]ILS, Category E, 700-2¼. LOC,Category E, 800-2¼.
[3]NA when local weather not available.

LAFAYETTE, LA

LAFAYETTE RGNL ..... **ILS or LOC/DME Rwy 4R[13]**
ILS or LOC Rwy 22L[23]
RNAV (GPS) Rwy 4R[1]
RNAV (GPS) Rwy 22L[1]
RNAV (GPS) Rwy 29[1]

[1]NA when local weather not available.
[2]NA when control tower closed.
[3]ILS, Category D, 700-2.

LAKE CHARLES, LA

CHENNAULT INTL ..... **ILS or LOC Rwy 15[12]**
VOR Rwy 33[12]

[1]NA when control tower closed.
[2]Category E, 900-3.

LAKE CHARLES RGNL ..... **ILS or LOC Rwy 15**
LOC BC Rwy 33

NA when control tower closed.

MC COMB, MS

MC COMB/PIKE COUNTY/ JOHN E LEWIS FIELD ..... **ILS or LOC Rwy 15**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR/DME-A

NA when local weather not available.

NAME ALTERNATE MINIMUMS

MERIDIAN, MS

KEY FIELD ..... **ILS or LOC Rwy 1[123]**
ILS or LOC Rwy 19[23]
RNAV (GPS) Rwy 1[34]
RNAV (GPS) Rwy 4[34]
RNAV (GPS) Rwy 19[34]
RNAV (GPS) Rwy 22[34]
VOR-A[34]

[1]NA when control tower closed.
[2]ILS, Category D, 700-2; Category E, 900-3.
LOC, Category E, 900-3.
[3]NA when local weather not available.
[4]Category E, 900-3.

MONROE, LA

MONROE RGNL ..... **ILS or LOC Rwy 4**
ILS Rwy 22

NA when control tower closed.

NATCHEZ, MS

HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY ..... **RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 36
VOR/DME Rwy 13

NA when local weather not available.

NEW IBERIA, LA

ACADIANA RGNL ..... **ILS Rwy 34[1]**
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]
VOR or TACAN Rwy 16[13]
VOR/DME Rwy 34[1]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]Category E, 900-3.

NEW ORLEANS, LA

LAKEFRONT ..... **ILS or LOC Rwy 18R[1]**
RNAV (GPS) Rwy 18R
RNAV (GPS) Rwy 36L
VOR/DME Rwy 36L

NA when local weather not available.
[1]Category D, 700-2.

LOUIS ARMSTRONG NEW ORLEANS INTL ..... **LOC Rwy 19**
Category D, 800-2¼.

OAKDALE, LA

ALLEN PARISH ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

OLIVE BRANCH, MS

OLIVE BRANCH ..... **ILS or LOC Rwy 18[12]**
RNAV (GPS) Rwy 18

NA when local weather not available.
[1]ILS, Categories, A,B,C,D, 700-2.
[2]NA when control tower closed.

PASCAGOULA, MS

TRENT LOTT INTL ..... **ILS or LOC Rwy 17[12]**
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 35[2]
VOR-A[23]

[1]ILS, 700-2.
[2]NA when local weather not available.
[3]Category D, 800-2¼.

PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL ..... **VOR/DME-A**
Categories A, B, 1200-2; Category C, 1200-3.

PHILADELPHIA, MS

PHILADELPHIA MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

PICAYUNE, MS

PICAYUNE MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

RAYMOND, MS

JOHN BELL WILLIAMS .... **RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.
Category D, 900-2¾.

SHREVEPORT, LA

SHREVEPORT DOWNTOWN ..... **RNAV (GPS) Rwy 14**
VOR Rwy 14

NA when local weather not available.
Category C, 800-2¼; Category D, 800-2½.

SHREVEPORT RGNL ..... **ILS or LOC Rwy 14[1]**
LOC Rwy 5[1]
RADAR-1[1]
RNAV (GPS) Rwy 23[2]

[1]Category E, 900-3.
[2]Category D, 800-2¼.

NAME	ALTERNATE MINIMUMS
STARKVILLE, MS	
GEORGE M BRYAN	**RNAV (GPS) Rwy 18**
	RNAV (GPS) Rwy 36
	VOR/DME-A
NA when local weather not available.	
SULPHUR, LA	
SOUTHLAND FIELD	**LOC Rwy 15**
	RNAV (GPS) Rwy 15
	RNAV (GPS) Rwy 33
	VOR/DME-A
NA when local weather not available.	
TALLULAH, LA	
VICKSBURG TALLULAH RGNL	**LOC Rwy 36**
	RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 36
NA when local weather not available.	
TUNICA, MS	
TUNICA MUNI	**ILS or LOC Rwy 35**
	RNAV (GPS) Rwy 17
	RNAV (GPS) Rwy 35
NA when local weather not available.	
TUPELO, MS	
TUPELO RGNL	**ILS or LOC Rwy 36**
	RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 36
NA when local weather not available.	

BARKSDALE AFB (KBAD), LA (Bossier City) (Amdt 1, 08129 USAF) ELEV 166

RADAR[1] - (E) 111.2 118.6 119.9 125.1 350.2 335.55 363.8

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[2]	15		AB	660/24	494	(500-½)
			C	660/40	494	(500-¾)
			D	660/50	494	(500-1)
			E	660/60	494	(500-1¼)
	33		AB	660/24	497	(500-½)
			C	660/40	497	(500-¾)
			D	660/50	497	(500-1)
			E	660/60	497	(500-1¼)
CIR[3]	All Rwy		ABC	NOT AUTHORIZED		
			D	720-2	554	(600-2)
			E	780-2¼	614	(700-2¼)

[1]Opr 1200-0500Z++. [2]When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles. [3]Circling not authorized W of Rwy. Circling not authorized over munitions storage area E of arpt.

BATON ROUGE, LA Amdt. 10C, JUN 5, 2008 (FAA) ELEV 70

BATON ROUGE METROPOLITAN: RYAN FIELD

RADAR - 120.3 278.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	31		ABCD	**440**-1¼	371	(400-1¼)				
	13		ABC	**560**-¾	492	(500-¾)	D	**560**-1	492	(500-1)
	22R		ABC	**620**/50	550	(600-1)	D	**620**/60	550	(600-1¼)
	4L		AB	**620**-1¼	551	(600-1¼)	C	**620**-1½	551	(600-1½)
			D	**620**-1¾	551	(600-1¾)				
CIRCLING			AB	**620**-1¼	550	(600-1¼)	C	**660**-1½	590	(600-1½)
			D	**680**-2	610	(700-2)				

When control tower closed ASR NA.
S-22R: For inoperative MALSR, increase Categories A,B, visibility to RVR 6000.
S-31: Inoperative table does not apply.
When VGSI inoperative, circling to Rwy 4L NA at night.

DE RIDDER, LA

Orig, MAR 12, 2009 (FAA) ELEV **204**

BEAUREGARD RGNL

RADAR - 123.7 254.8 ▽ ⚠ NA

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	36	AB	**620**-1	423	(500-1)	CD	**620**-1¼	423	(500-1¼)
	18	AB	**700**-1	498	(500-1)	C	**700**-1¼	498	(500-1¼)
		D	**700**-1½	498	(500-1½)				
CIRCLING		AB	**700**-1	496	(500-1)	C	**700**-1½	496	(500-1½)
		D	**760**-2	556	(600-2)				

When local altimeter not received,use Fort Polk altimeter setting and increase all MDAs 60 feet, increase Category D circling MDA 40 feet.

GULFPORT, MS

AMDT. 6A, MAR 12, 2009 (FAA) ELEV **28**

GULFPORT-BILOXI INTL

RADAR- 124.6 254.25 ▽ ⚠

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	32	ABC	**440**/40	412	(500-¾)	DE	**440**/50	412	(500-1)
	14	AB	**440**/24	413	(500-½)	C	**440**/40	413	(500-¾)
		DE	**440**/50	413	(500-1)				
CIRCLING		A	**500**-1	472	(500-1)	B	**660**-1	632	(700-1)
		C	**660**-1¾	632	(700-1¾)	D	**660**-2	632	(700-2)
		E	**820**-2¾	792	(800-2¾)				

Procedure not authorized when control tower closed.
For inoperative MALSR increase ASR S-14 CAT D visibility RVR to 6000 and CAT E to 1½ mile.
For inoperative MALSR increase ASR S-32 CATs A,B,C visibility to RVR 5000, CAT D to RVR 6000, and CAT E to 1½ mile.

JACKSON, MS

Amdt. 11B, MAY 11, 2006 (FAA) ELEV **346**

JACKSON-EVERS INTL

RADAR- 123.9 317.7

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	16R		AB	**740**-1	421	(500-1)	CD	**740**-1¼	421	(500-1¼)
			E	**740**-1½	421	(500-1½)				
	16L		AB	**740**/24	429	(500-½)	C	**740**/40	429	(500-¾)
			DE	**740**/50	429	(500-1)				
	34L		AB	**800**/24	472	(500-½)	C	**800**/40	472	(500-¾)
			D	**800**/50	472	(500-1)	E	**800**/60	472	(500-1¼)
	34R		AB	**820**/50	474	(500-1)	C	**820**/60	474	(500-1¼)
			D	**820**-1½	474	(500-1½)	E	**820**-1¾	474	(500-1¾)
CIRCLING			A	**840**-1	494	(500-1)	B	**880**-1	534	(600-1)
			C	**880**-1½	534	(600-1½)	D	**900**-2	554	(600-2)
			E	**940**-2	594	(600-2)				

Category E S-16L visibility increased ½ mile for inoperative ALSF-2.
Category E S-34L visibility increased ½ mile for inoperative MALSR.
Category E circling not authorized southwest of runway 16R-34L.
When control tower closed procedure NA.

JOE WILLIAMS NOLF (KNJW),

MS (Moscow) (09351 USN) ELEV **539**

RADAR - (E) 134.1 266.8 300.4 310.8 322.0 325.2 328.4 346.0 363.6

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[1]	31		A	**1120**-1	581	(600-1)
			B	**1120**-1¼	581	(600-1¼)
			C	**1120**-1½	581	(600-1½)
			DE	**1120**-2	581	(600-2)
CIR[1]	All Rwy		A	**1120**-1	581	(600-1)
			B	**1120**-1¼	581	(600-1¼)
			C	**1120**-1½	581	(600-1½)
			D	**1120**-2	581	(600-2)
			E	**1160**-2¼	621	(700-2¼)

[1]Procedure NA at night.

LAFAYETTE, LA

Amdt. 9, MAR 15, 2007(FAA) ELEV **43**

LAFAYETTE RGNL

RADAR - 121.1 363.0

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	29		ABC	**400**-1	358	(400-1)	D	**400**-1¼	358	(400-1¼)
	4R		AB	**480**-1	440	(500-1)	C	**480**-1¼	440	(500-1¼)
			D	**480**-1½	440	(500-1½)				
	11		AB	**560**-1	518	(600-1)	C	**560**-1½	518	(600-1½)
			D	**560**-1¾	518	(600-1¾)				
CIRCLING			A	**560**-1	517	(600-1)	B	**580**-1	537	(600-1)
			C	**580**-1½	537	(600-1½)	D	**660**-2	617	(700-2)

LAKE CHARLES, LA

Amdt. 1A, NOV 25, 1999 (FAA) ELEV **17**

CHENNAULT INTL

RADAR - 119.8 282.3 ⚠NA

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	33	AB	**540**-1	523	(600-1)	C	**540**-1½	523	(600-1½)
		DE	**540**-1¾	523	(600-1¾)				
	15	AB	**560**-½	544	(600-½)	C	**560**-1	544	(600-1)
		D	**560**-1¼	544	(600-1¼)	E	**560**-1½	544	(600-1½)
CIRCLING		AB	**580**-1	563	(600-1)	C	**580**-1½	563	(600-1½)
		D	**580**-2	563	(600-2)	E	**880**-3	863	(900-3)
			LAKE CHARLES REGIONAL ALTIMETER SETTING MINIMUMS						
ASR	33	AB	**540**-1	523	(600-1)	C	**540**-1½	523	(600-1½)
		DE	**540**-1¾	523	(600-1¾)				
	15	AB	**580**-½	564	(600-½)	C	**580**-1	564	(600-1½)
		D	**580**-1¼	564	(600-1¼)	E	**580**-1½	564	(600-1½)
CIRCLING		AB	**600**-1	583	(600-1)	C	**600**-1½	583	(600-1½)
		D	**600**-2	583	(600-2)	E	**900**-3	883	(900-3)

When local altimeter setting not received, use Lake Charles Regional altimeter setting.
Procedure not available when Lake Charles Approach Control closed.
For inoperative MALSR, increase Category E visibilities ½ mile.

LAKE CHARLES, LA

Amdt. 5A, NOV 24, 2005 (FAA) ELEV **15**

LAKE CHARLES RGNL

RADAR - 119.35 353.75 ⚠

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	5	ABC	**380**-1	366	(400-1)	D	**380**-1¼	366	(400-1¼)
	33	ABC	**380**-¾	368	(400-¾)	D	**380**-1¼	368	(400-1¼)
	23	AB	**440**-1	425	(500-1)	CD	**440**-1¼	425	(500-1¼)
	15	AB	**440**/24	428	(500-½)	C	**440**/40	428	(500-¾)
		D	**440**/50	428	(500-1)				
CIRCLING		A	**440**-1	425	(500-1)	B	**480**-1	465	(500-1)
		C	**480**-1½	465	(500-1½)	D	**580**-2	428	(500-2)

When control tower closed, procedure NA.

MERIDIAN NAS (KNMM), (Mc CAIN FIELD), MS (09295 USN) ELEV 316

RADAR - (E) 134.1 266.8 300.4 310.8 322.0 325.2 328.4 346.0 363.6 ▽

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[1]	19L[2]	3.0°/48/1124	ABCDE	416-¼	100	(100-¼)
	1L[3]	3.0°/35/764	ABCDE	453-½	200	(200-½)
	1R	3.0°/38/874	ABCDE	470-¾	200	(200-¾)
	19R	3.0°/37/881	ABCDE	494-¾	200	(200-¾)
PAR W/O GS[1]	19R		ABCDE	640-1¼	346	(400-1¼)
	1R		ABCDE	660-1¼	390	(400-1¼)
	19L[4]		AB	740-½	424	(500-½)
			CD	740-¾	424	(500-¾)
			E	740-1	424	(500-1)
	1L[5]		AB	760-¾	507	(500-¾)
			CD	760-1	507	(500-1)
			E	760-1¼	507	(500-1¼)
ASR	28		ABC	680-1	375	(400-1)
			DE	680-1¼	375	(400-1¼)
	19R		AB	700-1	406	(400-1)
			C	700-1¼	406	(400-1¼)
			DE	700-1½	406	(400-1½)
	1R		AB	700-1	430	(400-1)
			C	700-1¼	430	(400-1¼)
			DE	700-1½	430	(400-1½)
	19L[6]		AB	780-½	464	(500-½)
			C	780-¾	464	(500-¾)
			D	780-1	464	(500-1)
			E	780-1¼	464	(500-1¼)
	1L[7]		AB	760-½	507	(500-½)
			CD	760-1	507	(500-1)
			E	760-1¼	507	(500-1¼)
CIR	All Rwy[8]		AB	820-1	504	(600-1)
			C	820-1½	504	(600-1½)
			D	880-2	564	(600-2)
			E	1060-2¾	744	(800-2¾)

[1]No-NOTAM MP sked: PAR 1300-1700Z++Tue, PAR and PAR W/O GS apch not avbl dur this time. [2]When ALS inop, increase vis All CAT to ½ mile. [3]When ALS inop, increase vis All CAT to ¾ mile. [4]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles, CAT E to 1½ miles. [5]When ALS inop, increase vis CAT AB to 1¼ miles, CAT CD to 1½ miles, CAT E to 1¾ miles. [6]When ALS inop, increase vis CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles. [7]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1½ miles, CAT E to 1¾ miles. [8]When circling from PAR W/O GS Rwys 1L, 1R, 19R, increase vis CAT AB to 1¼ miles.

MONROE, LA

Amdt. 6A, June 12, 2003 (FAA) ELEV **79**

MONROE RGNL

RADAR - 126.9 388.0

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	22		ABCD	**480**-1	402	(500-1)				
	4		ABC	**560**/40	482	(500-¾)	D	**560**/50	482	(500-1)
CIRCLING			AB	**580**-1¼	501	(600-1¼)	C	**620**-1½	541	(600-1½)
			D	**640**-2	561	(600-2)				

NEW ORLEANS, LA

Amdt. 17A, JUN 5, 2008 (FAA) ELEV **4**

LOUIS ARMSTRONG NEW ORLEANS INTL

RADAR - 123.85 256.9, 125.5 350.35, 133.15 290.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	10		ABC	**340**/24	336	(400-½)	D	**340**/50	336	(400-1)
	28		ABC	**400**/40	397	(400-¾)	D	**400**/50	397	(400-1)
	19		ABCD	**420**/60	420	(500-1¼)				
	CIRCLING		AB	**520**-1¼	516	(600-1¼)	C	**520**-1½	516	(600-1½)
			D	**580**-2	576	(600-2)				

Rwy 10: Inoperative table does not apply to Category D.
Rwy 19: Inoperative table does not apply.
Rwy 28: For inoperative MALSR, increase Category D RVR to 6000.

NEW ORLEANS NAS JRB (KNBG), (ALVIN CALLENDER FLD) LA (09239 USN)

RADAR[1 2 13] - **(E)** 125.95 126.55 269.025 290.0 308.4 311.6 336.5 353.65 ▽ **ELEV 2**

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	4[3]	3.0°/51/973	ABCDE	99-¼	100	(100-¼)
	22[4]	3.0°/43/861	ABCDE	249-¾	250	(300-¾)
PAR W/O GS	4[5]		ABC	380-½	381	(400-½)
			DE	380-¾	381	(400-¾)
	22[6]		ABCDE	300-1	301	(400-1)
ASR	4[7]		AB	420-½	421	(500-½)
			CD	420-¾	421	(500-¾)
			E	420-1	421	(500-1)
	22[8]		AB	460-¾	461	(500-¾)
			C	460-1	461	(500-1)
			D	460-1¼	461	(500-1¼)
			E	460-1½	461	(500-1½)
	14		AB	440-1	438	(500-1)
			C	440-1¼	438	(500-1¼)
			DE	440-1½	438	(500-1½)
	32[9]		AB	440-1	438	(500-1)
			C	440-1¼	438	(500-1¼)
			DE	440-1½	438	(500-1½)
CIR[10 11 12]	All Rwy		AB	480-1	478	(500-1)
			C	500-1½	498	(500-1½)
			D	560-2	558	(600-2)
			E	640-2¼	638	(700-2¼)

NOTE: Rwy 32: Trees 35' AGL/32' MSL 675' from thld, 191' left of centerline.

[1]No-NOTAM preventive maint Mon 1300-1800Z++. [2]Outside of afld oprs hr, civ acft transiting CL D airspace, ctc ATC on 123.8 for clnc. [3]When ALS inop, increase vis CAT ABCDE to ½ mile. [4]When ALS inop, increase vis Cat CDE to 1 mile. [5]When ALS inop, increase CAT ABC to 1 mile, CAT DE to 1¼ miles. [6]When ALS inop, increase vis CAT ABCDE to 1¼ miles. [7]When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles, CAT E to 1½ miles. [8]When ALS increase CAT AB to 1 mile, CAT C to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles. [9]Procedure NA at night. [10]CAT E circling NA NW of Rwy 4-22. [11]Night circling NA to Rwy 32. [12]When circling from PAR W/O GS Rwy 22, increase vis CAT AB to 1¼ miles. [13]GCA closed Tues, Wed, Thu from 1300-1500Z++ and 0100-0300Z++.

POLK AAF (KPOE), LA (FORT POLK) (Amdt 4, 03051 USA) ELEV 329

RADAR - (E) 123.7 261.3 ⚠NA Opr 1400-0600Z + + exc hol.

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	15	3.0°/34/741	ABCD	529-¾	200	(200-¾)
	33	3.0°/42/799	AB	579-½	256	(300-½)
			CD	579-¾	256	(300-¾)
ASR	33		AB	660-½	337	(400-½)
			CD	660-¾	337	(400-¾)
	15		AB	780-1	451	(500-1)
			C	780-1¼	451	(500-1¼)
			D	780-1½	451	(500-1½)
CIR	All Rwy		AB	820-1	491	(500-1)
			C	820-1½	491	(500-1½)
			D	880-2	551	(600-2)

SHREVEPORT, LA

Amdt. 3A, JUL 31, 2000 (FAA) ELEV **258**

SHREVEPORT RGNL

RADAR - 119.9 335.55 ⚠

RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
CIRCLING	AB	**800**-1	542	(600-1)
	C	**800**-1½	542	(600-1½)
	D	**820**-2	562	(600-2)
	E	**1100**-3	842	(900-3)

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

ABERDEEN/AMORY, MS

MONROE COUNTY

NOTE: **Rwy 18,** pole 460' from departure end of runway, 365' left of centerline, 25' AGL/254' MSL. Trees beginning 7' from departure end of runway, 61' left of centerline, up to 100' AGL/310' MSL. Trees beginning 839' from departure end of runway, 83' right of centerline, up to 116' AGL/316' MSL. **Rwy 36,** trees beginning 241' from departure end of runway, 490' left of centerline, up to 83' AGL/303' MSL. Trees beginning 27' from departure end of runway, 426' right of centerline, up to 92' AGL/312' MSL. Tree 3078' from departure end of runway, 276' right of centerline, 81' AGL/301' MSL.

ALEXANDRIA, LA

ALEXANDRIA INTL

NOTE: **Rwy 18,** multiple trees and bush beginning 897' from departure end of runway, 210' right of centerline, up to 83' AGL/173' MSL. Multiple trees and fence beginning 91' from departure end of runway, 326' left of centerline, up to 80' AGL/167' MSL. **Rwy 32,** multiple trees beginning 1537' from departure end of runway, 662' right ofcenterline, up to 80' AGL/162' MSL. **Rwy 36,** multiple trees beginning 1298' from departure end of runway, 25' left of centerline, up to 90' AGL/170' MSL. Multiple trees beginning 1340' from departure end of runway, 155' right of centerline, up to 90' AGL/169' MSL. Antenna, 5041' from departure end of runway, 793' left of centerline, 140' AGL/216' MSL.

NAME TAKE-OFF MINIMUMS

ALEXANDRIA, LA (CON'T)

ESLER RGNL

NOTE: **Rwy 8,** tree 1223' from departure end of runway, 928' right of centerline, 73' AGL/163' MSL. **Rwy 14,** tree 928' from departure end of runway, 606' left of centerline, 72' AGL/160' MSL. Tree 942' from departure end of runway, 642' right of centerline, 78' AGL/166' MSL. **Rwy 32,** tree 1959' from departure end of runway, 940' left of centerline, 111' AGL/223' MSL. Tree 1862' from departure end of runway, 812' right of centerline, 103' AGL/215' MSL.

BASTROP, LA

MOREHOUSE MEMORIAL

NOTE: **Rwy 34,** powerlines 1700' from departure end of runway, 70' AGL/214' MSL.

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

09351

BATESVILLE, MS

PANOLA COUNTY

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1½ or std. w/ min. climb of 259' per NM to 500. **Rwy 19,** 200-1½ or std. w/ min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 008° to 800 before turning left. **Rwy 19,** climb heading 188° to 1000 before turning right.

NOTE: **Rwy 1,** multiple trees beginning 74' from departure end of runway, 97' left of centerline, up to 100' AGL/439' MSL. Multiple trees beginning 130' from departure end of runway, 52' right of centerline, up to 100' AGL/420' MSL. **Rwy 19,** pole and road with vehicle beginning 49' from departure end of runway, 499' left of centerline, up to 23' AGL/252' MSL. Terrain 17' from departure end of runway, 37' left of centerline, 263' MSL. Multiple trees beginning 452' from departure end of runway, 106' left of centerline, up to 100' AGL/409' MSL. Terrain 59' from departure end of runway, 210' right of centerline, 224' MSL. Multiple trees beginning 1236' from departure end of runway, 39' right of centerline, up to 100' AGL/399' MSL.

BATON ROUGE, LA

BATON ROUGE METROPOLITAN, RYAN FIELD

DEPARTURE PROCEDURE: **Rwys 22L/R,** climb runway heading to 2000 before turning left or comply with radar vectors.

NOTE: **Rwy 4L,** 97' AGL tree 1368' from departure end of runway, 778' left of centerline. **Rwy 13,** 82' AGL tree 1551' from departure end of runway, 838' left of centerline. **Rwy 22R,** 94' AGL antenna 1173' from departure end of runway, 740' right of centerline.

CAUTION: Unmarked balloon and cable to 15,000 in R-3807. **Rwy 4L,** 209°/51.4 NM, **Rwy 4R,** 209°/51.2. NM. **Rwy 13,** 209°/50.7 NM, **Rwy 31,** 208°/50.9 NM. **Rwy 22L,** 209°/50.6 NM, **Rwy 22R,** 209°/50.3 NM.

BOGALUSA, LA

GEORGE R. CARR MEMORIAL AIR FIELD (BXA)

AMDT 2 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18**, 500-3 or std. with a min. climb of 255' per NM to 800.

NOTE: **Rwy 18,** numerous trees beginning 1463' from DER, 332' left of centerline up to 100' AGL/203' MSL. Numerous trees beginning 1272' from DER 360' right of centerline up to 100' AGL/200' MSL. Water tower 2734' from DER, 1046' left of centerline, 160' AGL/262' MSL. Smoke stack 9654' from DER, 2140' left of centerline, 250' AGL/357' MSL. **Rwy 36,** trees 486' from DER, 459' left of centerline, up to 100' AGL/217' MSL. Building 12' from DER, 305' right of centerline, 10' AGL/130' MSL.

BOONEVILLE/BALDWYN, MS

BOONEVILLE/BALDWYN

NOTE: **Rwy 15,** trees 1250' from departure end of runway, 100' right of centerline, 100' AGL/465' MSL. Trees 3847' from departure end of runway, 127' left of centerline, 100' AGL/519' MSL. **Rwy 33,** road and vehicle 8' from departure end of runway, 188' right of centerline, 15' AGL/394' MSL.

BROOKHAVEN, MS

BROOKHAVEN-LINCOLN COUNTY

TAKE-OFF MINIMUMS: **Rwy 22,** 500-1.

DEPARTURE PROCEDURE: **Rwy 4,** climb runway heading to 900 before turning.

BUNKIE, LA

BUNKIE MUNI (2R6)

ORIG 09127 (FAA)

NOTE: **Rwy 18,** trees 1404' from DER, 506' right of centerline, 50' AGL/109' MSL. Vehicle on road 481' from DER, 28' right of centerline, 15' AGL/74' MSL.

CLARKSDALE, MS

FLETCHER FIELD (CKM)

ORIG 08269 (FAA)

NOTE: **Rwy 18,** building 476' from departure end of runway, 495' right of centerline 168' AGL/215' MSL. Vehicle 995' from departure end of runway, 502' left of centerline, 165' AGL/190' MSL. Trees beginning 5619' from departure end of runway, 630' left of centerline, 158' AGL/273' MSL. **Rwy 36,** trees beginning 2258' from departure end of runway, 220' left of centerline, 100' AGL/274' MSL.

CLEVELAND, MS

CLEVELAND MUNI

TAKE-OFF MINIMUMS: **Rwys 8, 26,** NA.

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 600 before turning.

COLUMBIA, MS

COLUMBIA-MARION COUNTY (0R0)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-obstacles.

DEPARTURE PROCEDURE: **Rwy 23,** climb heading 234° to 800 before turning left.

NOTE: **Rwy 5,** trees beginning 175' from departure end of runway, 414' right of centerline, up to 100' AGL/379' MSL. **Rwy 23,** vehicle on road beginning 133' from departure end of runway, 46' right of centerline, 17' AGL/266' MSL. Tree and house beginning 227' from departure end of runway, 240' right of centerline, up to 100' AGL/349' MSL. Trees beginning 357' from departure end of runway, 273' left of centerline, up to 100' AGL/349' MSL.

COLUMBUS, MS

COLUMBUS-LOWNDES COUNTY

TAKE-OFF MINIMUMS: **Rwy 18,** 300-1 or std. with a min. climb of 350' per NM to 500. **Rwy 36,** 400-1 or std. with a min. climb of 370' per NM to 500.

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 600 before turning.

COLUMBUS AFB (KCBM)

COLUMBUS, MS.....08353

All Rwys: Cross DER at least 35' AGL.

TAKE-OFF OBSTACLES: **Rwy 13C,** Trees 288' MSL/74' AGL 2967' from DER 1010' left of centerline. Trees 288' MSL/74' AGL 3005' from DER, 223' right of centerline. **Rwy 13R,** Ramp lights 273' MSL/69' AGL 2795' from DER, 766' right of centerline. **Rwy 31R,** Taxiing aircraft 199' MSL/ 14' AGL 80' from DER 472' left of centerline.

COLUMBUS/WESTPOINT/STARKVILLE, MS

GOLDEN TRIANGLE RGNL

NOTE: **Rwy 18,** tree 2025' from departure end of runway, 1019' left of centerline, 78' AGL/315' MSL. Tree 108' from departure end of runway, 295' right of centerline, 15' AGL/262' MSL. **Rwy 36,** tree 626' from departure end of runway, 579' right of centerline, 38' AGL/285' MSL. Tree 122' from departure end of runway, 268' left of centerline, 23' AGL/270' MSL. Tree 525' from departure end of runway, 592' right of centerline, 26' AGL/279' MSL.

CORINTH, MS

ROSCOE TURNER (CRX)

ORIG 08045 (FAA)

NOTE: **Rwy 18,** Vehicle on road 207' from departure end of runway, 481' right of centerline, 15' AGL/446' MSL. Trees 305' from departure end of runway, 451' left of centerline, up to 71' AGL/500' MSL. Trees 633' from departure end of runway, 505' right of centerline, up to 79' AGL/520' MSL. **Rwy 36,** Trees 1099' from departure end of runway, 766' right of centerline, up to 86' AGL/480' MSL. Trees 1645' from departure end of runway, 751' left of centerline, up to 86' AGL/480' MSL.

DE RIDDER, LA

BEAUREGARD RGNL (DRI)

AMDT 4 09127 (FAA)

NOTE: **Rwy 14,** trees 1673' from DER, 128' left of centerline, 100' AGL/309' MSL. **Rwy 18,** multiple trees beginning 53' from DER, 222' left of centerline, up to 30' AGL/220' MSL. Multiple trees beginning 152' from DER, 272' right of centerline, up to 73' AGL/263' MSL. **Rwy 32,** multiple trees and bushes beginning 129' from DER, 17' left of centerline, up to 68' AGL/248' MSL. Trees 299' from DER, 190' right of centerline, 26' AGL/216' MSL. **Rwy 36,** pole 563' from DER, 353' left of centerline, 38' AGL/238' MSL. Multiple trees beginning 634' from DER, 1' left of centerline, up to 113' AGL/313' MSL. Multiple trees beginning 557' from DER, 73' right of centerline, up to 99' AGL/299' MSL.

EUNICE, LA

EUNICE

TAKE-OFF MINIMUMS: **Rwy 16,** 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 280' per NM to 2400. **Rwy 34,** 1100-2½, climb in visual conditions to cross Eunice Airport at or above 1000 MSL before proceeding on course or std. with a min. climb of 220' per NM to 2400.

CAUTION: Unmarked balloon and cable to 15000 in R-3807. **Rwy 16,** 133°/56.1 NM. **Rwy 34,** 132°/55.4 NM.

GALLIANO, LA

SOUTH LAFOURCHE LEONARD MILLER JR (GAO)

ORIG 08269 (FAA)

NOTE: **Rwy 18,** multiple trees beginning 1258' from departure end of runway, 661' left of centerline, up to 45' AGL/56' MSL. Multiple trees beginning 127' from departure end of runway, 275' right of centerline, up to 45' AGL/53' MSL. **Rwy 36,** tree 14' from departure end of runway, 454' right of centerline, up to 35' AGL/45' MSL. Multiple trees beginning 1391' from departure end of runway, 449' right of centerline, up to 55' AGL/86' MSL. Multiple trees beginning 2288' from departure end of runway, 291' left of centerline, up to 55' AGL/97' MSL.

GONZALES, LA

LOUISIANA RGNL

TAKE-OFF MINIMUMS: **Rwy 35,** 400-2 or std. with a min. climb of 220' per NM to 400.

GREENVILLE, MS

MID DELTA RGNL

DEPARTURE PROCEDURE: **Rwys 18L,18R,** climb runway heading to 800 before turning.

NOTE: **Rwy 27,** 64' AGL tree 812' from departure end of runway, 392' left of centerline. 91' AGL tree, 2027' from departure end of runway, 460' right of centerline.

GREENWOOD, MS

GREENWOOD-LE FLORE

TAKE-OFF MINIMUMS: **Rwy 5,** 400-1 or std. with a min. climb of 270' per NM to 400.

GRENADA, MS

GRENADA MUNI

DEPARTURE PROCEDURE: **Rwys 4, 31,** climb to 700 before turning on course. **Rwys 13, 22,** climb to 800 before turning on course.

GULFPORT, MS

GULFPORT-BILOXI INTL (GPT)

AMDT 6 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36,** 300-1¼ or std. with a min. climb of 292' per NM to 300.

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 013° to 700 before proceeding on course.

NOTE: **Rwy 14,** tree 1931' from DER, 627' left of centerline, 71' AGL/90' MSL. Pole 3354' from DER, 1068' right of centerline, 85' AGL/115' MSL. **Rwy 18,** trees beginning 924' from DER, 354' right of centerline, up to 84' AGL/98' MSL. Trees beginning 1383' from DER, 165' left of centerline, up to 52' AGL/71' MSL. Antenna 5411' from DER, 1579' left of centerline, 165' AGL/172' MSL. **Rwy 32,** trees beginning 1586' from DER, left and right of centerline, up to 79' AGL/93' MSL. **Rwy 36,** trees beginning 1391' from DER, 327' right of centerline, up to 82' AGL/96' MSL. Trees beginning 1593' from DER, 348' left of centerline, up to 82' AGL/96' MSL. Crane 4592' from DER, 2673' right of centerline, 142' AGL/151' MSL.

HAMMOND, LA

HAMMOND NORTHSHORE RGNL

TAKE-OFF MINIMUMS: **Rwy 31,** 600-2 or std. with a min. climb rate of 210' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 31,** climb runway heading to 800 prior to turning west.

HATTIESBURG, MS

HATTIESBURG BOBBY L. CHAIN MUNI (HBG)

AMDT 1 09015 (FAA)

DEPARTURE PROCEDURE: **Rwy 31,** climb heading 309° to 900 before turning west.

NOTE: **Rwy 13,** numerous trees beginning 1184' from departure end of runway, 26' left of centerline, up to 111' AGL/251' MSL. Multiple trees beginning 2023' from departure end of runway, 49' right of centerline, up to 89' AGL/229'. **Rwy 31,** numerous trees beginning 189' from departure end of runway, 111' left of centerline, up to 103' AGL/253' MSL. Multiple trees beginning 894' from departure end of runway, 69' right of centerline, up to 84' AGL/234' MSL.

HATTIESBURG/LAUREL, MS

HATTIESBURG-LAUREL RGNL

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 1000 before turning east.

NOTE: **Rwy 36,** 86' AGL tree 2117' from departure end of runway, 911' left of centerline.

HOLLY SPRINGS, MS

HOLLY SPRINGS-MARSHALL COUNTY

DEPARTURE PROCEDURE: **Rwy 36,** climb runway heading to 800 before turning left.

HOMER, LA

HOMER MUNI (5F4)

ORIG 08157 (FAA)

NOTE: **Rwy 12,** road and vehicle 69' from departure end of runway, 280' left of centerline, 15' AGL/234' MSL, trees beginning 282' from departure end of runway, 419' right of centerline, up to 100' AGL/349' MSL. **Rwy 30,** trees beginning 443' from departure end of runway, 309' left of centerline, up to 100' AGL/319' MSL, road and vehicle 603' from departure end of runway, 217' right of centerline, 15' AGL/274' MSL, trees beginning 1180' from departure end of runway, 140' right of centerline, up to 100' AGL/359' MSL.

HOUMA, LA

HOUMA-TERREBONNE (HUM)

AMDT 5 09183 (FAA)

DEPARTURE PROCEDURE: **Rwy 30,** climb heading 304° to 600 before proceeding on course.

NOTE: **Rwy 12,** trees and equipment building beginning 86' from DER, 254' left of centerline, up to 40' AGL/44' MSL. Ground and tree beginning 220' from DER, 202' right of centerline, up to 29' AGL/33' MSL. **Rwy 18,** trees and poles beginning 923' from DER, 238' left of centerline, up to 100' AGL/109' MSL. Trees beginning 249' from DER, 345' right of centerline, up to 60' AGL/64' MSL. **Rwy 30,** trees beginning 802' from DER, 93' left of centerline, up to 60' AGL/64' MSL. Poles and road beginning 527' from DER, 427' right of centerline, up to 38' AGL/42' MSL. **Rwy 36,** antenna 1589' from DER, 882' left of centerline, 63' AGL/72' MSL. Trees beginning 2894' from DER, 971' right of centerline, up to 100' AGL/109' MSL.

INDIANOLA, MS

INDIANOLA MUNI

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 2200 before turning east. **Rwy 35,** climb runway heading to 700 before turning east.

JACKSON, MS

HAWKINS FIELD

TAKE-OFF MINIMUMS: **Rwy 16,** 300-1.

DEPARTURE PROCEDURE: **Rwys 11, 34,** climb runway heading to 800 before making turn. **Rwy 16,** climb runway heading to 1300 before making right turn. **Rwy 29,** climb runway heading to 1200 before making left turn.

JACKSON-EVERS INTL

TAKE-OFF MINIMUMS: **Rwy 16R,** 300-1 or std. with a min. climb of 280' per NM to 700.

JENNINGS, LA

JENNINGS

TAKE-OFF MINIMUMS: **Rwy 13**, 300-1 or std. with a min climb of 352' per NM to 300. **Rwys 17, 35,** NA.

NOTE: **Rwy 8,** multiple poles 1080' from departure end of runway, 260' left of centerline, 40' AGL/62' MSL. **Rwy 13,** tank 3428' from departure end of runway, 1072' right of centerline, 156' AGL/181' MSL. **Rwy 26,** trees 1080' from departure end of runway, 45' AGL/55' MSL. **Rwy 31,** fence 140' from departure end of runway, 15' AGL/32' MSL.

KEESLER AFB (KBIX)

BILOXI, MS 09211

TAKE-OFF OBSTACLES: **Rwy 3:** Trees 977' from DER, 764' right of centerline, 62' AGL/70' MSL. Terrain 222' right of centerline, 19' MSL. **Rwy 21:** Trees 1903' from DER, 669' right of centerline, 71' AGL/102' MSL. Trees 1803' from DER, 658' left of centerline, 43' AGL/70' MSL. Multiple power poles 2670' from DER, 893' left of centerline, 65' AGL/109' MSL. Multiple power poles 3514' from DER, 119' right of centerline, 65' AGL/115' MSL Terrain 6' from DER, 500' left of centerline 23' MSL.

KOSCIUSKO, MS

KOSCIUSKO-ATTALA COUNTY

NOTE: **Rwy 14,** trees 1054' from departure end of runway, 503' left of centerline, 100' AGL/559' MSL. Trees 1172' from departure end of runway, 555' right of centerline, 100' AGL/559' MSL. Terrain 18' from depature end of runway, 91' right of centerline, 473' MSL. Terrain 68' from departure end of runway, 485' right of centerline, 473' MSL. **Rwy 32,** trees 1676' from departure end of runway, 288' right of centerline, 100' AGL/619' MSL. Trees 1341' from departure end of runway, 231' left of centerline, 100' AGL/609' MSL. Terrain 129' from departure end of runway, 139' right of centerline, 502' MSL. Terrain 182' from departure end of runway, 532' right of centerline, 493' MSL. Terrain 352' from departure end of runway, 344' right of centerline, 496' MSL. Terrain 79' from departure end of runway, 254' left of centerline, 486' MSL. Terrain 525' from departure end of runway, 156' right of centerline, 496' MSL. Terrain 302' from departure end of runway, 49' left of centerline, 489' MSL.

LAFAYETTE, LA

LAFAYETTE RGNL (LFT)

AMDT 1A 08325 (FAA)

TAKE-OFF MINIMUMS: **CAUTION:** Unmarked balloon and cable to 15000' MSL in R-3807. **Rwy 4L,** 141/29NM, **Rwy 4R,** 140/28.8 NM, **Rwy 11,** 141/29.5 NM, **Rwy 22L,** 143/29.2 NM, **Rwy 22R,** 142/29.2 NM, **Rwy 29,** 142/28.8 NM.

NOTE: **Rwy 4L,** fence beginning 2506' from departure end of runway, 682' left of centerline, up to 121' AGL/163' MSL. Multiple trees beginning 671' from departure end of runway, 307' left of centerline, up to 57' AGL/87' MSL.Obstruction light on windsock 155' from departure end of runway, 251' right of centerline, 38' AGL/58' MSL. **Rwy 4R,** multiple trees beginning 776' from departure end of runway, 111' left of centerline, up to 60' AGL/79' MSL. Multiple trees beginning 29' from departure end of runway, 269' right of centerline, up to 84' AGL/103' MSL. **Rwy 11,** multiple trees beginning 553' from departure end of runway 128' left of centerline, up to 81' AGL/91' MSL. Multiple trees beginning 523' from departure end of runway, 28' right of centerline, 72' AGL/82' MSL. **Rwy 22L,** multiple trees beginning 2392' from departure end of runway, 4' left of centerline, up to 75' AGL/114' MSL. Multiple trees beginning 1853' from departure end of runway, 247' right of centerline, up to 96' AGL/135' MSL. **Rwy 22R,** tower 2545' from departure end of runway, 26' left of centerline, 104' AGL/142' MSL. Multiple trees, buildings, obstruction lights and antenna beginning 153' from departure end of runway, 270' right of centerline, up to103' AGL/142' MSL. **Rwy 29,** multiple trees, towers and pole beginning 925' from departure end of runway, 5' left of centerline, up to 110' AGL/150' MSL. Multiple trees, towers, poles and obstruction light on antenna beginning 99' from departure end of runway, 70' right of centerline, up to 130' AGL/165' MSL.

LAKE PROVIDENCE, LA

BYERLEY

NOTE: **Rwy 17,** tower 4466' from departure end of runway, 1602' right of centerline, 150' AGL/257' MSL.

LAUREL, MS

HESLER-NOBLE FIELD

DEPARTURE PROCEDURE: **Rwy 13,** climb runway heading to 500 before turning.

LEXINGTON, MS

C. A. MOORE

DEPARTURE PROCEDURE: **Rwy 19,** climb runway heading to 1000 before turning.

LOUISVILLE, MS

LOUISVILLE- WINSTON COUNTY (LMS)

AMDT 2A 08325 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 500-2¼ or std. with a min. climb of 400' per NM to 1100.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170° to 1100 before turning left.

NOTE: **Rwy 17,** tower 1.7 NM from departure end of runway, 2209 left of centerline, 410' AGL/950' MSL.

MADISON, MS

BRUCE CAMPBELL FIELD

TAKE-OFF MINIMUMS: **Rwy 35,** 200-1.

MANY, LA

HART (3R4)

ORIG-A 08185 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12**, 600-3 or std. with a min. climb of 250' per NM to 900.

DEPARTURE PROCEDURE: **Rwy 12**, climb heading 117° to 1100 before proceeding on course.

NOTE: **Rwy 12,** trees beginning 1' from departure end of runway, 594' left to 598' right of centerline, up to 100' AGL/385' MSL. Powerline/poles beginning 1198' from departure end of runway, 309' right of centerline, up to 58' AGL/354' MSL. **Rwy 30,** trees beginning 74' from departure end of runway, 781' left to 509' right of centerline, up to 100' AGL/391' MSL. Powerline/pole 484' from departure end of runway, 318' right of centerline, 62' AGL/358' MSL.

MARKS, MS

SELFS

DEPARTURE PROCEDURE: **Rwy 2,** climb runway heading to 700 before turning right.

MCCOMB, MS

MCCOMB/PIKE COUNTY/JOHN E. LEWIS FIELD (MCB)

ORIG 09183 (FAA)

NOTE: **Rwy 15,** trees beginning 89' from departure end of runway, 91' right of centerline, up to 100' AGL/509' MSL. Trees beginning 476' from departure end of runway, 83' left of centerline, up to 100' AGL/475' MSL. **Rwy 33,** tree 1440' from departure end of runway, 49' left of centerline, 59' AGL/488' MSL.

MERIDIAN, MS

KEY FIELD

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1 or std. w/ a min. climb of 290' per NM to 600. **Rwy 22,** 300-1½ or std. w/ a min. climb of 280' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 4,** climb via heading 043° to 1100 before turning south.

NOTE: **Rwy 1,** antenna, vent on tank, and numerous trees beginning 323' from departure end of runway, 98' right of centerline, up to 100' AGL/463' MSL. Interstate road and numerous trees beginning 1196' from departure end of runway, 1' left of centerline, up to 100' AGL/403' MSL. **Rwy 4,** stack, tree and numerous light poles beginning 406' from departure end of runway, 278' right of centerline, up to 133' AGL/433' MSL. Fence, railing on tank, and light pole beginning 34' from departure end of runway, 253' left of centerline, up to 35' AGL/330' MSL. **Rwy 19,** antenna and tree beginning 482' from departure end of runway, 570' left of centerline, up to 100' AGL/395' MSL. Tree 1894' from departure end of runway, 934' right of centerline, 100' AGL/380' MSL. **Rwy 22,** numerous trees beginning 1621' from departure end of runway, 304' right of centerline, up to 100' AGL/529' MSL. Numerous trees beginning 2479' from departure end of runway, 30' left of centerline, up to 100' AGL/457' MSL.

MERIDIAN NAS (MC CAIN FIELD) (KNMM)

MERIDIAN, MS 09295

Rwy 1R, 600-1½*

Rwy 19R, 600-2**

* Or standard with a minimum civil climb of 215 ft/NM to 600, minimum military climb of 210 ft/NM to 600.

** Or standard with minimum climb of 210 ft/NM to 600.

TAKE-OFF OBSTACLES: **Rwy 1R:** Multiple trees 95' AGL/399' MSL, 2708' from DER, 1137' left of centerline. Multiple trees 95' AGL/399' MSL, 3147' from DER, 950' left of centerline. Multiple trees 75' AGL/474' MSL, 6025' from DER, 2057' left of centerline. Multiple trees 75' AGL/499' MSL, 6896' from DER, 2315' left of centerline. **Rwy 19L:** Trees 95' AGL/414' MSL, 4831' from DER, 875' left of centerline. **Rwy 19R:** Trees 100' AGL/499' MSL, 9429' from DER, 1203' right of centerline. **Rwy 10:** Terrain 399' MSL, 1344' from DER, 253' right of centerline. Multiple trees 90' AGL/399' MSL, 3235' from DER, 371' right of centerline. Multiple trees 85' AGL/424' MSL, 3692' from DER, 458' left of centerline.

MONROE, LA

MONROE RGNL

DEPARTURE PROCEDURE: **Rwy 22,** climb via heading 222° to 900 before turning west. **Rwy 32,** climb via heading 317° to 900 before turning west. **Rwy 36,** climb via heading 357° to 900 before turning west.

NOTE: **Rwy 4,** tree 3535' from departure end of runway, 1136' left of centerline, 98' AGL/177' MSL. Tree 995' from departure end of runway, 726' left of centerline, 66' AGL/142' MSL. Tree 2423' from departure end of runway, 903' right of centerline, 65' AGL/141' MSL. Tree 1765' from departure end of runway, 773' right of centerline, 44' AGL/120' MSL. **Rwy 14,** tree 1409' from departure end of runway, 770' left of centerline, 96' AGL/162' MSL. **Rwy 18,** tree 1614' from departure end of runway, 242' right of centerline, 68' AGL/137' MSL. Tree 1649' from departure end of runway, 45' right of centerline, 71' AGL/140' MSL. Tree 1659' from departure end of runway, 112' left of centerline, 77' AGL/146' MSL. Tree 1696' from departure end of runway, 619' left of centerline, 72' AGL/138' MSL. Tree 2149' from departure end of runway, 102' right of centerline, 76' AGL/145' MSL. **Rwy 22,** sign 99' from departure end of runway 459' right of centerline, 14' AGL/83' MSL. Tree 2613' from departure end of runway, 1052' right of centerline, 104' AGL/170' MSL. **Rwy 32,** tree 2361' from departure end of runway, 7' left of centerline, 77' AGL/160' MSL. Tree 1781' from departure end of runway, 342' right of centerline, 66' AGL/149' MSL. Tree 1709' from departure end of runway, 302' right of centerline, 78' AGL/161' MSL. Tree 2103' from departure end of runway, 325' left of centerline, 73' AGL/156' MSL. Light pole 384' from departure end of runway, 491' left of centerline, 18' AGL/97' MSL. **Rwy 36,** antenna 3728' from departure end of runway, 599' right of centerline, 107' AGL/190' MSL. Tower 3526' from departure end of runway, 478' right of centerline, 100' AGL/179' MSL. Tree 2756' from deprture end of runway, 129' right of centerline, 68' AGL/151' MSL.

NATCHEZ, MS

HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

ORIG 07354 (FAA)

NOTE: **Rwy 13,** multiple trees beginning 1445' from departure end of runway, 226' left of centerline, up to 101' AGL/380' MSL. Multiple trees beginning 17' from departure end of runway, 301' right of centerline, up to 99' AGL/334' MSL. **Rwy 18,** multiple trees beginning 1060' from departure end of runway, 162' left of centerline, up to 93' AGL/372' MSL. Multiple trees beginning 788' from departure end of runway, 374' right of centerline, up to 90' AGL/369' MSL. **Rwy 31,** multiple trees beginning 1320' from departure end of runway, 736' left of centerline, up to 105' AGL/364' MSL. Trees 2129' from departure end of runway, 813' right of centerline, 81' AGL/340' MSL. **Rwy 36,** multiple trees beginning 935' from departure end of runway, 327' left of centerline, up to 47' AGL/306' MSL. Trees 473' from departure end of runway, 517' right of centerline, 79' AGL/338' MSL.

NATCHITOCHES, LA

NATCHITOCHES RGNL (IER)
AMDT 6 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwy 25**, 300-1¾ or std. with a min. climb of 336' per NM to 600.

NOTE: **Rwy 17,** building, pole, and trees beginning 90' from DER, 359' right of centerline, up to 83' AGL/204' MSL. **Rwy 25,** tower 1.29 NM from DER, 633' right of centerline, 205' AGL/385' MSL. **Rwy 35,** light pole 1975' from DER, 418' right of centerline, 75' AGL/180' MSL. Trees beginning 1007' from DER, 311' right of centerline, up to 72' AGL/188' MSL.

NEW ALBANY, MS

NEW ALBANY-UNION COUNTY

TAKE-OFF MINIMUMS: **Rwy 18,** std. w/ min. climb of 245' per NM to 900, or 500-2¼ w/ min. climb of 207' per NM to 1000, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway, or 800-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18,** for climb in visual conditions: Cross New Albany-Union County airport at or above 1100 before proceeding on course.

NOTE: **Rwy 18,** multiple trees beginning 146' from departure end of runway, 158' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 387' from departure end of runway, 565' right of centerline, up to 100' AGL/499' MSL. **Rwy 36,** multiple trees beginning 467' from departure end of runway, 524' left of centerline, up to 100' AGL/499' MSL. Multiple trees beginning 2000' from departure end of runway, on centerline, up to 100' AGL/546' MSL.

NEW IBERIA, LA

ACADIANA RGNL

TAKE-OFF MINIMUMS: CAUTION: Unmarked balloon and cable up to 15000' in R-3807. **Rwy 16,** 138/17.2 NM. **Rwy 34,** 136/17.2 NM.

NOTE: **Rwy 16,** trees 41' from departure end of runway, 497' right of centerline, 12' AGL/32' MSL.

NEW ORLEANS, LA

LAKEFRONT

DEPARTURE PROCEDURE: **Rwys 18L/R,** climb to 1500 before turning left or comply with RADAR vectors. **Rwy 9,** climb to 1500 before turning right, or comply with RADAR vectors.

NEW ORLEANS, LA (CON'T)

LOUIS ARMSTRONG NEW ORLEANS INTL

NOTE: **Rwy1,** multiple vehicles on roads beginning 3' from departure end of runway, 437' right of centerline, up to 26' AGL/28' MSL. Multiple trees beginning 493' from departure end of runway, 542' right of centerline, up to 38' AGL/40' MSL. Multiple poles beginning 831' from departure end of runway, 583' left of centerline, up to 34' AGL/36' MSL. Multiple signs beginning 906' from departure end of runway, 235' right of centerline, up to 49' AGL/51' MSL. Multiple buildings beginning 1369' from departure end of runway, 679' right of centerline, up to 48' AGL/50' MSL. Multiple trees beginning 1555' from departure end of runway, 574' left of centerline up to 45'AGL/47' MSL. Antenna 1888' from departure end of runway, 692' right of centerline, 49' AGL/51' MSL. Obstruction light 1822' from departure end of runway, 834' right of centerline, 64' AGL/66' MSL. Crane 2412' from departure end of runway, 487' left of centerline, 81' AGL/83' MSL. **Rwy 6,** multiple trees beginning 727' from departure end of runway, 314' right of centerline, up to 62' AGL/63' MSL. Multiple trees beginning 1883' from departure end of runway, 717' left of centerline, up to 58' AGL/59' MSL. Building 2887' from departure end of runway, 553' right of centerline, 105' AGL/105' MSL. **Rwy 10,** obstruction light 623' from departure end of runway, 620' right of centerline, 21'AGL/25' MSL. Pole 936' from departure end of runway, 663' right of centerline, 25' AGL/29' MSL. Multiple trees beginning 1051' from departure end of runway, 37' left of centerline, up to 96' AGL/100' MSL. Multiple trees beginnig 1919' from departure end of runway, 157' right of centerline, up to 81' AGL/85' MSL. **Rwy 19,** vehicle on road 201' from departure end of runway, 458' left of centerline, 29' AGL/30' MSL. Sign 708' from departure end of runway, 688' left of centerline, 38' AGL/39' MSL. Rod on building 664' from departure end of runway, 249' left of centerline, 23' AGL/24' MSL. Pole 1124' from departure end of runway, 635' left of centerline, 31' AGL/32' MSL. Multiple poles beginning 1358' from departure end of runway, 420' right of centerline, up to 46' AGL/47' MSL. Tree 2057' from departure end of runway, 881' left of centerline, 67' AGL/68' MSL. Multiple trees beginning 2604' from departure end of runway, 622' right of centerline, up to 85' AGL/86' MSL. Ship 4166' from departure end of runway, on centerline, 152' AGL/153' MSL. **Rwy 24,** obstruction light 2973' from departure end of runway, 415' left of centerline, 89' AGL/89' MSL. **Rwy 28,** tree 1265' from departure end of runway, 748' left of centerline, 58' AGL/59' MSL. Multiple trees beginning 1541' from departure end of runway, 550' right of centerline, up to 65' AGL/66' MSL.

NEW ORLEANS NAS JRB(ALVIN CALLENDER FLD) (KNBG)

NEW ORLEANS, LA. 09239

DEPARTURE PROCEDURE: **Rwy 4,** Diverse departures authorized 044° CW 224°. Right turn to departure heading only. **Rwy 22,** Diverse departures authorized 044° CW 314°. **Rwy 32,** Diverse departures authorized 140° CW 320° left turn to departure heading only.

TAKE-OFF OBSTACLES: **Rwy 4:** Building 304' from DER, 568' right of centerline, 39' AGL/38' MSL. **Rwy 14:** Trees 729' from DER, 246' right of centerline, 33' AGL/32' MSL. Crane 3808' from DER, 1061' right of centerline, 181' AGL/180' MSL. Mississippi River shipping channel, starting 6042' from DER, vessels up to 180' MSL. **Rwy 32:** Intercoastal waterway shipping channel, starting 5859' from DER, vessels up to 160' MSL. Crane 6091' from DER, 1317' right of centerline, 172' MSL.

NEW ROADS, LA

FALSE RIVER RGNL (HZR)

ORIG 08157 (FAA)

NOTE: **Rwy 36,** fence 97' from departure end of runway, 248' right of centerline, 5' AGL/44' MSL. Pole 1263' from departure end of runway, 215' left of centerline, 45' AGL/84' MSL. Trees beginning 1268' from departure end of runway, 127' right of centerline, up to 110' AGL/159' MSL. Trees beginning 2436' from departure end of runway, 26' left of centerline, up to 127' AGL/176' MSL. **Rwy 18,** road beginning 86' from departure end of runway, 398' right of centerline, up to 15' AGL/49' MSL. Fence 220' from departure end of runway, 362' right of centerline, 6' AGL/39' MSL.

OAKDALE, LA

ALLEN PARISH

NOTE: **Rwy 18,** trees 400' from departure end of runway, 260' left of centerline, 30' AGL/134' MSL. **Rwy 36,** trees 1300' from departure end of runway, on centerline, 50' AGL/159' MSL.

OKOLONA, MS

OKOLONA MUNI-RICHARD STOVALL FIELD

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 800 before turning westbound.

OLIVE BRANCH, MS

OLIVE BRANCH

TAKE-OFF MINIMUMS: **Rwy 18,** 400-1 or std. with a min. climb of 350' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 18,** climb runway heading to 800 before turning east.

OPELOUSAS, LA

ST. LANDRY PARISH-AHART FIELD

TAKE-OFF MINIMUMS: **Rwy 18,** 200-1 or std. with a min. climb of 236' per NM to 400.

NOTE: **Rwy 18,** tower 6060' from departure end of runway, 896' left of centerline, 209' AGL/270' MSL.

OXFORD, MS

UNIVERSITY-OXFORD

TAKE-OFF MINIMUMS: **Rwy 9,** 300-1 or std. with a min. climb of 400' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 9,** climb runway heading to 900 before turning.

PASCAGOULA, MS

TRENT LOTT INTL

TAKE-OFF MINIMUMS: **Rwy 17,** 200-1¼ or std. w/ min. climb of 226' per NM to 400, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1600' prior to departure end of runway.

NOTE: **Rwy 17,** multiple trees beginning 1622' from departure end of runway, 46' left of centerline, up to 58' AGL/67' MSL. Tree 2298' from departure end of runway, 77' right of centerline, 71' AGL/80' MSL. Transmission tower 3912' from departure end of runway, 1412' left of centerline, 112' AGL/121' MSL. Obstruction light on sign 5396' from departure end of runway, 1137' right of centerline, 159' AGL/170' MSL. **Rwy 35,** tree 2998' from departure end of runway, 1163' right of centerline, 79' AGL/93' MSL.

PATTERSON, LA

HARRY P. WILLIAMS MEMORIAL

TAKE-OFF MINIMUMS: **CAUTION:** unmarked balloon and cable to 15000 in R-3807. **Rwy 6,** 290°/17.6 NM. **Rwy 24,** 287°/18.2 NM.

NOTE: **Rwy 24,** tree 1262' from departure end of runway, 452' right of centerline, 95' AGL/102' MSL.

PHILADELPHIA, MS

PHILADELPHIA MUNI (MPE)

AMDT 2 09295

NOTE: **Rwy 18,** trees beginning 35' from DER, 58' left of centerline and 276' right of centerline, up to 100' AGL/585' MSL. **Rwy 36,** trees beginning 184' from DER, 370' right of centerline, up to 75' AGL/494' MSL. Trees beginning 2500' from DER, 51' right of centerline 136' AGL/535' MSL.

PICAYUNE, MS

PICAYUNE MUNI (MJD)

ORIG 08269 (FAA)

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 359° to 800 before proceeding on course.

NOTE: **Rwy 18,** trees and bushes beginning 76' from departure end of runway, 18' left of centerline, up to 20' AGL/69' MSL. Trees and bushes beginning 211' from departure end of runway, 182' right of centerline, up to 28' AGL/77' MSL. **Rwy 36,** pole, trees, and bushes beginning 969' from departure end of runway, 183' left of centerline, up to 94' AGL/144' MSL. Pole, bush, and trees beginning 63' from departure end of runway, 74' right of centerline, up to 97' AGL/143' MSL.

PRENTISS, MS

PRENTISS-JEFFERSON DAVIS COUNTY (M43)

ORIG 08269 (FAA)

NOTE: **Rwy 12,** poles and trees beginning 168' from departure end of runway, 256' left of centerline, up to 85' AGL/544' MSL. Trees beginning 231' from departure end of runway, 264' right of centerline, up to 72' AGL/511' MSL. **Rwy 30,** vehicle on road and trees beginning 91' from departure end of runway, 110' left of centerline, up to 64' AGL/513' MSL. Trees beginning 673' from departure end of runway, 360' right of centerline, up to 81' AGL/530' MSL.

RAYMOND, MS

JOHN BELL WILLIAMS (M16)

AMDT 3 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 12,** std. with a min. climb of 240' per NM to 2600, or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 12,** climb via heading 121° to 2600 before proceeding on course, or for climb in visual conditions, cross John Bell Williams airport at or above 2400 before proceeding on course. **Rwy 30,** climb via heading 301° to 2000 before proceeding on course.

NOTE: **Rwy 12,** trees beginning 226' from departure end of runway, 359' right of centerline, up to 100' AGL/359' MSL. Trees beginning 641' from departure end of runway, 432' left of centerline, up to 100' AGL/359' MSL. Trees left and right of centerline beginning 1259' from departure end of runway, up to 100' AGL/359' MSL. **Rwy 30,** pole 1523' from departure end of runway, 534' right of centerline, 57' AGL/287' MSL.

RAYVILLE, LA

JOHN H HOOKS JR MEMORIAL (M79)

ORIG 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwys 9, 27,** NA-Environmental.

NOTE: **Rwy 18,** building 104' from DER, 364' right of centerline, 22' AGL/101' MSL. Trees beginning 442' from DER, 230' left of centerline, up to 100' AGL/174' MSL. Trees beginning 1874' from DER, 972' right of centerline, up to 100' AGL/146' MSL. **Rwy 36,** trees beginning 20' from DER, 328' right of centerline, up to 100' AGL/156' MSL. Trees beginning 900' from DER, 300' left of centerline, up to 100' AGL/156' MSL. Trees beginning 1973' from DER, from left to right of centerline, up to 100' AGL/178' MSL.

RESERVE, LA

ST JOHN THE BAPTIST PARISH (1L0)

ORIG 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 300-1¾ or std. w/ min. climb of 230' per NM to 400.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170° to 1400 before turning right.

NOTE: **Rwy 17,** Tower 2012' from DER, 648' right of centerline, 115' AGL/124' MSL. Tower 2116' from DER, 783' right of centerline, 104' AGL/115' MSL. Elevator 1.5 NM from DER, 117' right of centerline, 250' AGL/265' MSL. **Rwy 35,** trees beginning 1' from DER, 401' left of centerline, up to 100' AGL/104' MSL. Trees beginning 1503' from DER, 705' left of centerline, up to 88' AGL/92' MSL. Trees beginning 1' from DER, 404' right of centerline, up to 100' AGL/104' MSL. Trees beginning 194' from DER, 62' right of centerline, up to 87' AGL/91' MSL.

RIPLEY, MS

RIPLEY

TAKE-OFF MINIMUMS: **Rwy 3,** 300-1¾ or std. w/ min. climb of 233' per NM to 800, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2100' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 21,** climb heading 213° to 1100 before turning left.

NOTE: **Rwy 3,** multiple trees beginning 774' from departure end of runway, 189' left of centerline, up to 100' AGL/569' MSL. Multiple trees beginning 1485' from departure end of runway, 331' left of centerline, up to 100' AGL/576' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 1852' right of centerline, up to 100' AGL/689' MSL. Multiple trees beginning 1.2 NM from departure end of runway, 9' left of centerline, up to 100' AGL/669' MSL. Multiple trees beginning 1.4 NM from departure end of runway, 2100' right of centerline, up to 100' AGL/699' MSL. **Rwy 21,** multiple trees beginning 198' from departure end of runway, 189' left of centerline, up to 100' AGL/519' MSL. Multiple trees beginning 333' from departure end of runway, 307' right of centerline, up to 100' AGL/519' MSL.

SHREVEPORT, LA

SHREVEPORT DOWNTOWN

DEPARTURE PROCEDURE: **Rwys 5,14,23**, maintain runway heading until 600 prior to turning.

SHREVEPORT RGNL

TAKE-OFF MINIMUMS: **Rwy 5,** std. w/ a min. climb of 233' per NM to 900 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 5,** for climb in visual conditions cross Shreveport Rgnl Airport at or above 1000 before proceeding on course.

NOTE: **Rwy 5,** multiple trees beginning 1711' from departure end of runway, 435' right of centerline, up to 80' AGL/299' MSL. Tree 1985' from departure end of runway, 475' left of centerline, 60' AGL/279' MSL. **Rwy 23,** terrain 110' from departure end of runway, 471' right of centerline, 240' MSL. Multiple trees beginning 3685' from departure end of runway, 319' right of centerline, up to 80' AGL/344' MSL. Multiple trees beginning 2123' from departure end of runway, 187' left of centerline, up to 97' AGL/357' MSL. **Rwy 14,** multiple poles, antennas, and trees beginning 458' from departure end of runway, 205' right of centerline, up to 32' AGL/254' MSL. Multiple poles, trees, and railroad beginning 886' from departure end of runway, 9' left of centerline, up to 100' AGL/346' MSL.

STARKVILLE, MS

GEORGE M. BRYAN

NOTE: **Rwy 18,** multiple trees beginning 52' from departure end of runway,395' right of centerline up to 79' AGL/378' MSL. Trees 1037' from departure end of runway, 463' left of centerline, 45' AGL/365' MSL. Tower 5406' from departure end of runway, 402' left of centerline, 165' AGL/464' MSL. **Rwy 36,** windsock and trees beginning 24' from departure end of runway, 340' right of centerline up to 110' AGL/429' MSL. Trees 170' from departure end of runway, 323' left of centerline, 67' AGL/376' MSL.

STARKVILLE, MS (CON'T)

OKITIBBEHA (M51)
ORIG 09267 (FAA)

NOTE: **Rwy 13,** trees 117' from DER, 199' right of centerline, up to 100' AGL/359' MSL. Trees 207' from DER, 103' left of centerline, up to 100' AGL/359' MSL. Vehicle on road 28' from DER, on centerline, 15' AGL/265' MSL. **Rwy 18,** trees beginning 76' from DER, left and right of centerline, up to 100' AGL/379' MSL. **Rwy 31,** trees beginning 123' from DER, 372' left of centerline, up to 100' AGL/369' MSL. Trees beginning 378' from DER, right and left of centerline, up to 100' AGL/369' MSL.
Rwy 36, trees beginning 242' from DER, 466' right of centerline, up to 100' AGL/359' MSL. Trees beginning 1190' from DER, left and right of centerline, up to 100' AGL/349' MSL.

SULPHUR, LA

SOUTHLAND FIELD (UXL)
ORIG 09071 (FAA)

NOTE: **Rwy 15,** numerous trees and poles beginning 200' from DER, left and right of centerline, up to 63' AGL/72' MSL. Tree 862' from DER, 494' right of centerline, 100' AGL/114' MSL. **Rwy 33,** numerous trees and poles beginning 64' from DER, left and right of centerline, up to 38' AGL/47' MSL. Tree 1849' from DER, 647' left of centerline, 100' AGL/114' MSL.

TALLULAH, LA

VICKSBURG TALLULAH RGNL

NOTE: **Rwys 18, 36** cross departure end of runway at or above 35' AGL/121' MSL. **Rwy 18,** tree 1610' from departure end of runway, 922' left of centerline, 120' AGL/203' MSL.

TUNICA, MS

TUNICA MUNI (UTA)
AMDT 1 09267 (FAA)

NOTE: **Rwy 17,** trees beginning 523' from DER, 365' left of centerline, 100' AGL/294' MSL, trees beginning 913' from DER, 183' right of centerline, 100' AGL/294' MSL. **Rwy 35,** trees beginning 1211' from DER, 803' right of centerline, 79' AGL/267' MSL.

VICKSBURG, MS

VICKSBURG MUNI

TAKE-OFF MINIMUMS: **Rwy 1,** 600-2¾ or std. w/ min. climb of 354' per NM to 900. **Rwy 19,** 300-2 or std. w/ a min. climb of 224' per NM to 500, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 1,** trees beginning 1032' from departure end of runway, 316' left of centerline, up to 100' AGL/199' MSL. Stack 2.21 NM from departure end of runway, 2838' left of centerline, 594' AGL/699' MSL. Trees beginning 6387' from departure end of runway, 2174' right of centerline, up to 100' AGL/319' MSL. **Rwy 19,** tower 1.6 NM from departure end of runway, 2749' right of centerline, 108' AGL/366' MSL.

VIVIAN, LA

VIVIAN (3F4)
AMDT 2 09099 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9,** 200-1¼ or std. w/ min. climb of 303' per NM to 600. **Rwy 27,** 300-2 or std. w/ min. climb of 203' per NM to 600, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 088° to 1900 before turning left. **Rwy 27,** climb heading 268° to 1900 before turning right.

NOTE: **Rwy 9,** tower 2476' from DER, 803' left of centerline, 100' AGL/360' MSL. Tank 1 NM from DER, 375' left of centerline, 162' AGL/432' MSL. Vehicle and road, crossing southwest to northeast beginning 1271' from DER, 645' right of centerline, 15' AGL/294' MSL. **Rwy 27,** vehicle and road 204' from DER, 495' right of centerline, 15' AGL/274' MSL.

WEST POINT, MS

MCCHAREN FIELD

TAKE-OFF MINIMUMS: **Rwy 36,** 400-1 ¾ or std. with a min. climb of 360' per NM to 800.

NOTE: **Rwy 18,** numerous trees beginning 1' from departure end of runway, 250' left of centerline, up to 100' AGL/309' MSL. Terrain beginning 146' from departure end of runway, 22' left of centerline, up to 207' MSL. Fence 200' from departure end of runway, on centerline, up to 4' AGL/213' MSL. Terrain 151' from departure end of runway, 232' right of centerline, 207' MSL. Numerous trees beginning 913' from departure end of runway, 744' right of centerline, up to 100' AGL/279' MSL. Vehicle on road 268' from departure end of runway, on centerline, 10' AGL/219' MSL. **Rwy 36,** railroad track beginning 50' from departure end of runway, on centerline, 23'AGL/232'MSL. Terrain 243' from departure end of runway, 262' left of centerline, 214'MSL. Numerous trees beginning 1287' from departure end of runway, 299' left of centerline, up to 100' AGL/349' MSL. Tree 2016' from departure end of runway, 138' right of centerline, 100' AGL/319' MSL. Tower 1.4 NM from departure end of runway, 1398' right of centerline, 348' AGL/587' MSL. Tower 1.5 NM from departure end of runway, 1365' right of centerline, 305' AGL/547' MSL.

WINNFIELD, LA

DAVID G. JOYCE (0R5)
ORIG 09351 (FAA)

NOTE: **Rwy 9,** trees beginning 202' from DER, 330' right of centerline, 100' AGL/219' MSL, trees beginning 187' from DER, 256' left of centerline, 100' AGL/219' MSL. **Rwy 27,** trees beginning 192' from DER, 426' right of centerline, 100' AGL/259' MSL, trees beginning 3440' from DER, 1392' left of centerline, 100' AGL/289' MSL.

WINONA, MS

WINONA-MONTGOMERY COUNTY (ONA)
ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21,** 400-2¾ or std. w/ min. climb of 215' per NM to 900. Alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 3,** Climb heading 030° to 1000 before turning west.

NOTE: **Rwy 21,** Tower 2.1 NM from departure end of runway, 2789' right of centerline, 350' AGL/703' MSL.

WAAS	APP CRS	Rwy Idg	4999
CH 56604	185°	TDZE	226
W18A		Apt Elev	226

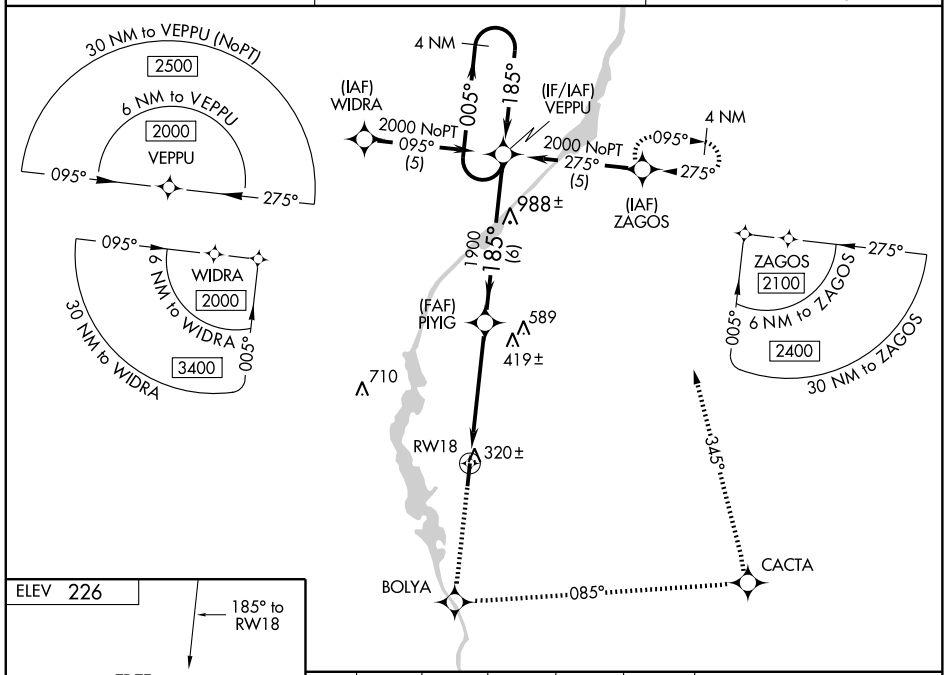
RNAV (GPS) RWY 18

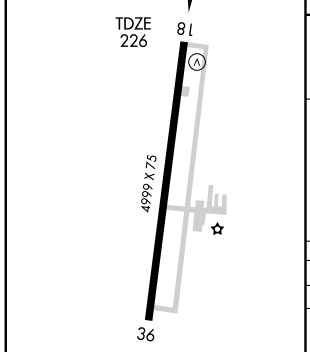
ABERDEEN/ MONROE COUNTY (M40)

Baro-VNAV NA when using Golden Triangle Rgnl altimeter setting.
NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all DA 65 feet and all MDA 80 feet, increase LPV and LNAV/VNAV visibility all Cats ¼, and increase LNAV visibility Cat C/D ¼.

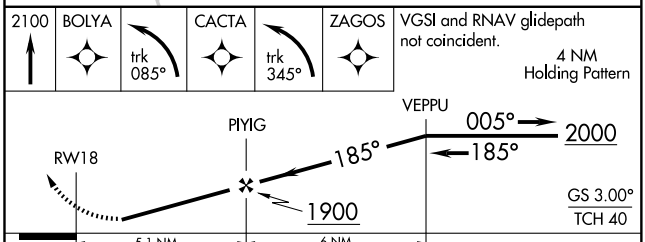
MISSED APPROACH: Climb to 2100 direct BOLYA and left turn via track 085° to CACTA and left turn via track 345° to ZAGOS and hold.

AWOS-3	COLUMBUS APP CON *	UNICOM
118.475	126.075 239.25	122.8 (CTAF) L





REIL Rwy 18 L
MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	560-1¼ 334 (400-1¼)			
LNAV/VNAV DA	590-1¼ 364 (400-1¼)			
LNAV MDA	660-1 434 (500-1)		660-1¼ 434 (500-1¼)	660-1½ 434 (500-1½)
CIRCLING	720-1 494 (500-1)		720-1½ 494 (500-1½)	780-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4999
CH 70414	005°	TDZE	226
W36A		Apt Elev	226

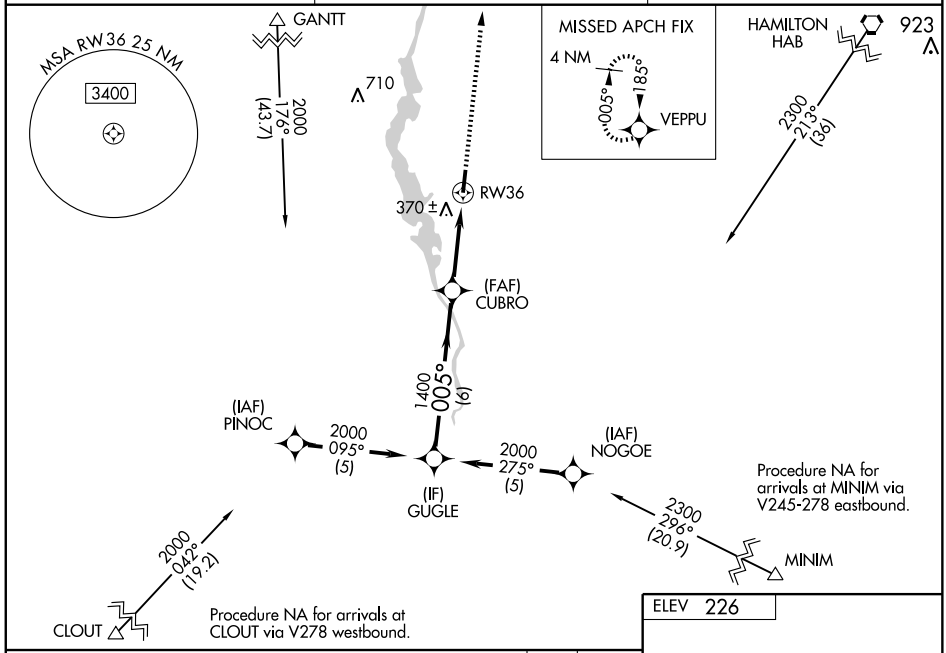
RNAV (GPS) RWY 36

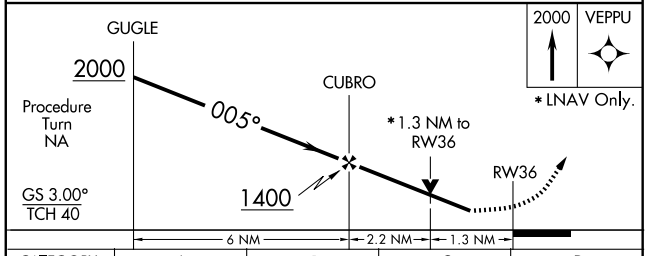
ABERDEEN/ MONROE COUNTY (M40)

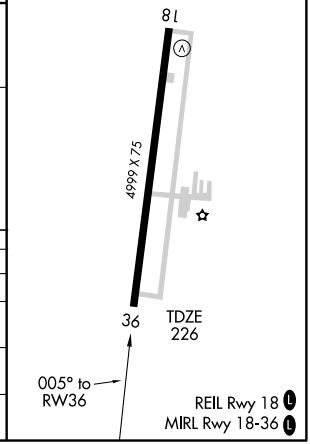
T
NA Baro-VNAV NA when using Golden Triangle Rgnl altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 47°C (116°F).
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
VDP NA when using Golden Triangle Rgnl altimeter setting.
When local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all DA 65 feet and all MDA 80 feet, increase LPV and LNAV/VNAV visibility all Cats ¼, and increase LNAV visibility Cat C and D ¼.

MISSED APPROACH: Climb to 2000 direct VEPPU and hold.

AWOS-3	COLUMBUS APP CON *	UNICOM
118.475	126.075 239.25	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	559-1¼ 333 (400-1¼)			
LNAV/VNAV DA	715-1¾ 489 (500-1¾)			
LNAV MDA	680-1 454 (500-1)		680-1¼ 454 (500-1¼)	680-1½ 454 (500-1½)
CIRCLING	720-1 494 (500-1)		720-1½ 494 (500-1½)	780-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC IGB 116.2 Chan 109	APP CRS 179°	Rwy Idg 4999 TDZE 226 Apt Elev 226

VOR RWY 18

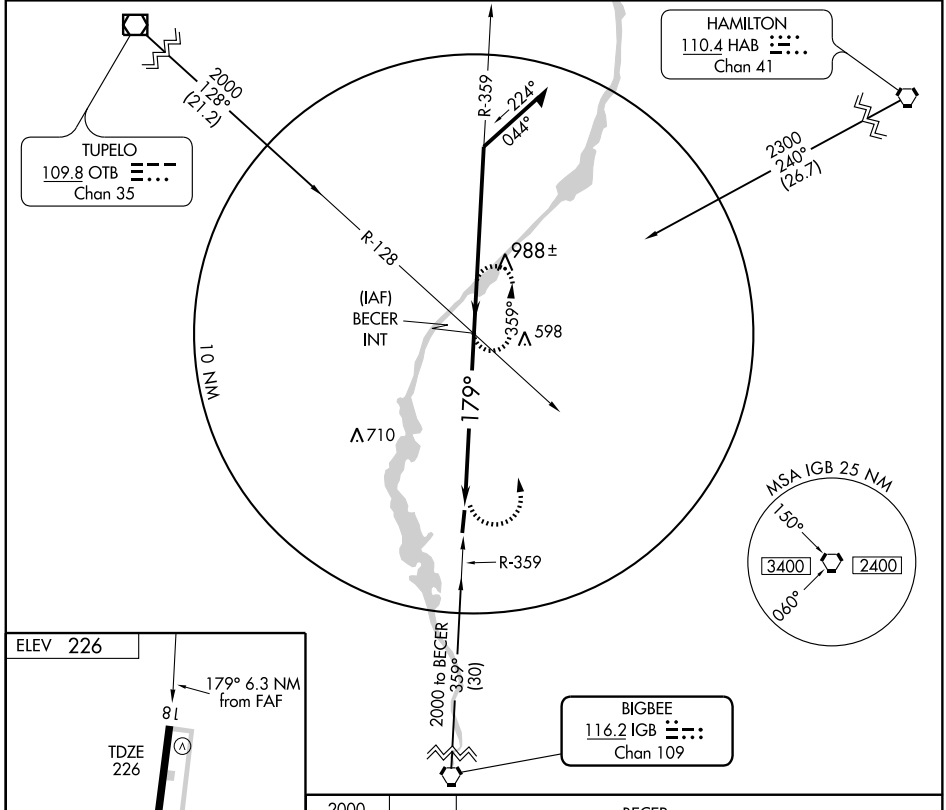
ABERDEEN/ MONROE COUNTY (M40)

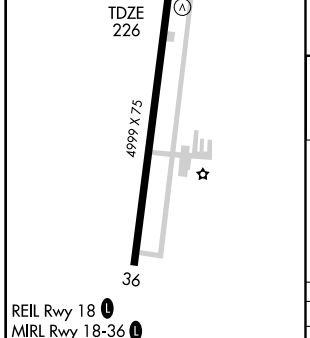
Visibility reduction by helicopters NA.
When local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all MDA 80 feet, increase all Cat C/D visibilities ¼ mile.

NA

MISSED APPROACH: Climbing left turn to 2000 via IGB VORTAC R-359 to BECER INT and hold.

AWOS-3 118.475	COLUMBUS APP CON ★ 126.075 239.25	UNICOM 122.8 (CTAF) L

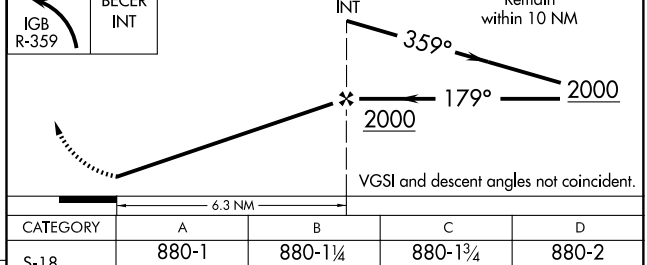




REIL Rwy 18 L
MIRL Rwy 18-36 L

FAF to MAP 6.3 NM

Knots	60	90	120	150	180
Min:Sec	6:18	4:12	3:09	2:31	2:06



CATEGORY	A	B	C	D
S-18	880-1 654 (700-1)	880-1¼ 654 (700-1¼)	880-1¾ 654 (700-1¾)	880-2 654 (700-2)
CIRCLING	880-1 654 (700-1)	880-1¼ 654 (700-1¼)	880-1¾ 654 (700-1¾)	880-2 654 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PMU	APP CRS	Rwy Idg	5000
110.35	189°	TDZE	221
Chan 40 (Y)		Apt Elev	221

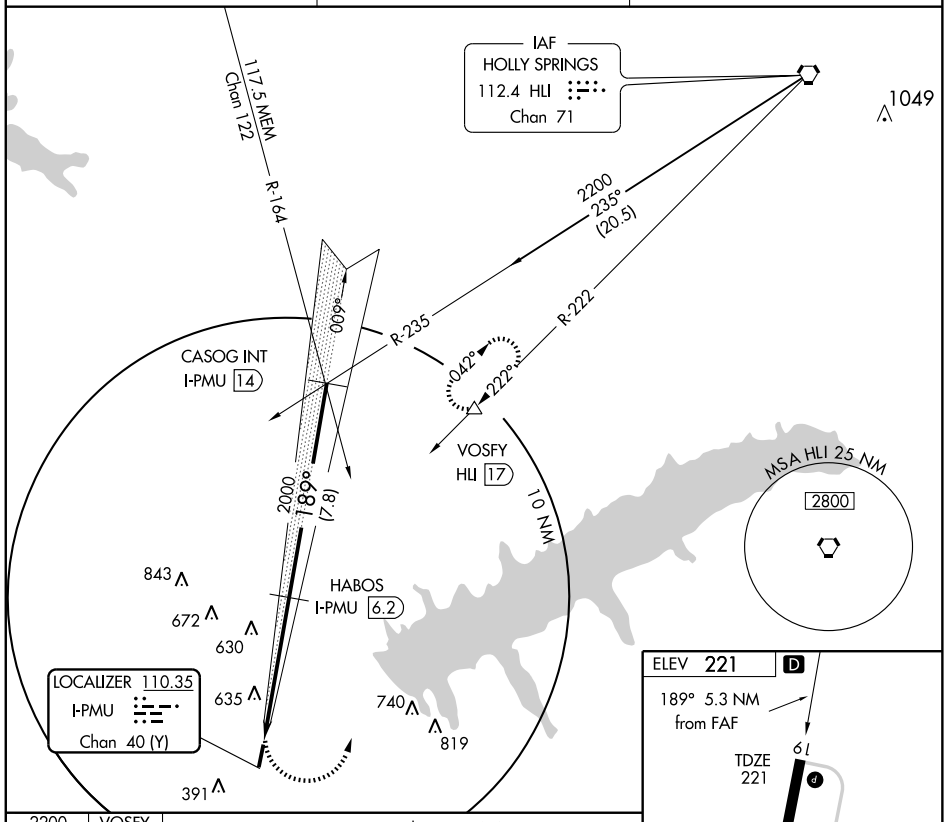
LOC/DME RWY 19

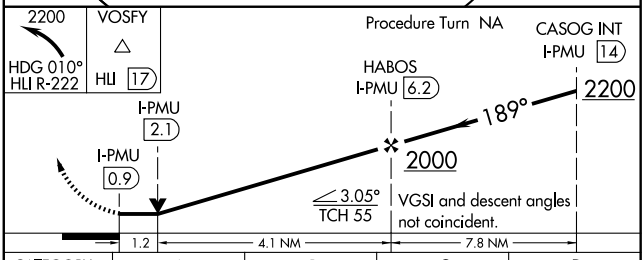
BATESVILLE/ PANOLA COUNTY (PMU)

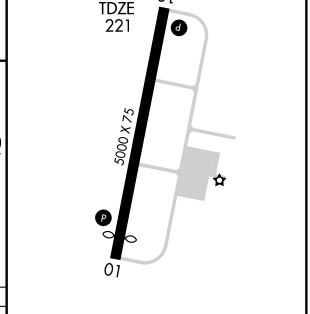
T
A NA — If local altimeter setting not received, use Oxford altimeter setting and increase all MDAs 80 feet. VDP NA with Oxford altimeter setting.

MISSED APPROACH: Climbing left turn to 2200 via heading 010° and HLI R-222 to VOSFY/17 DME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.225	128.5 381.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-19	760-1	540 (600-1)	760-1½ 540 (600-1½)	760-1¾ 540 (600-1¾)
CIRCLING	760-1	539 (600-1)	940-2 719 (800-2)	940-2¼ 719 (800-2¼)

MIRL Rwy 1-19

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4410
009°	TDZE	219
	Apt Elev	221

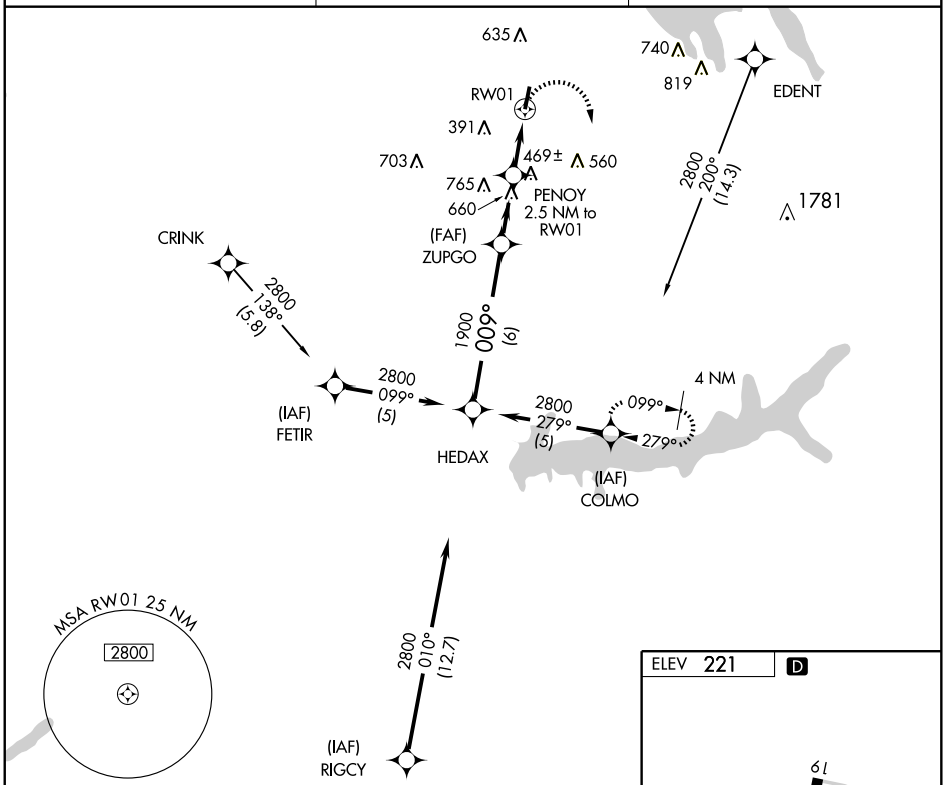
RNAV (GPS) RWY 1

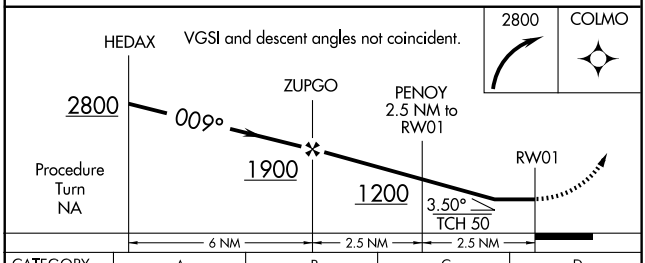
BATESVILLE/ PANOLA COUNTY (PMU)

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
NA If local altimeter setting not received, use Oxford altimeter setting and increase all MDAs 80 feet. Procedure NA at night.

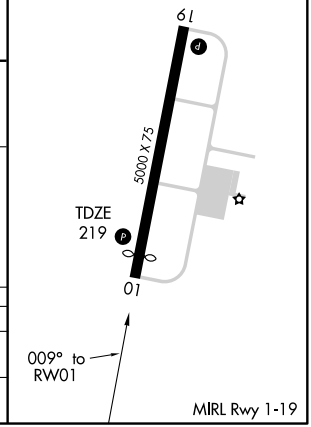
MISSED APPROACH: Climbing right turn to 2800 direct COLMO WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.225	128.5 381.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	720-1	501 (500-1)	720-1½	501 (500-1½)
CIRCLING	740-1	519 (600-1)	1000-2¼ 779 (800-2¼)	1000-2½ 779 (800-2½)



SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
189°	TDZE	219
	Apt Elev	221

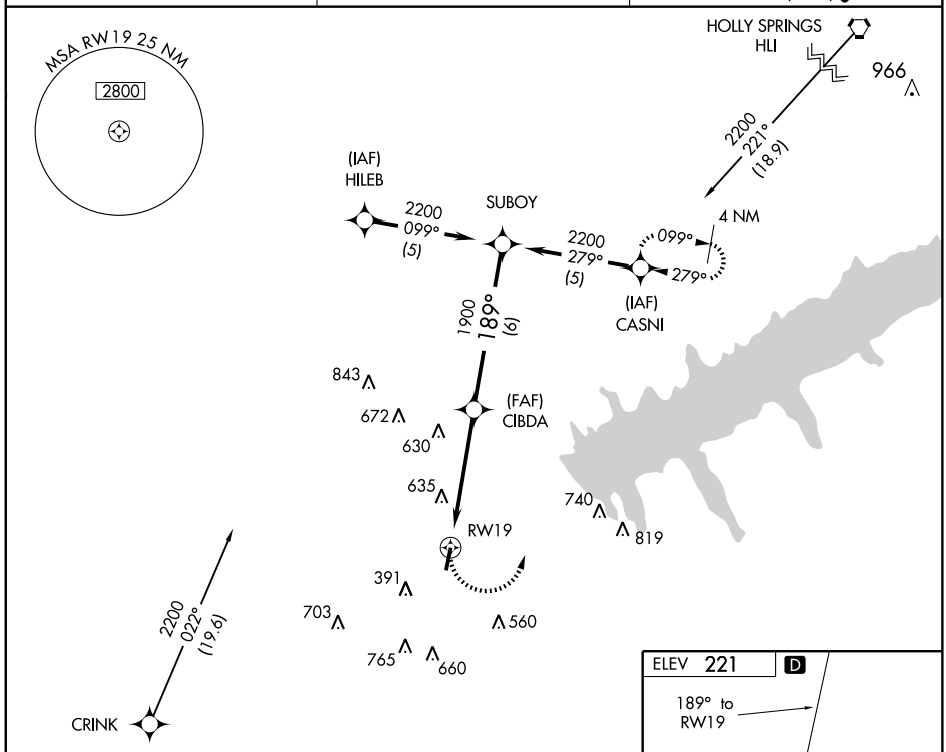
RNAV (GPS) RWY 19

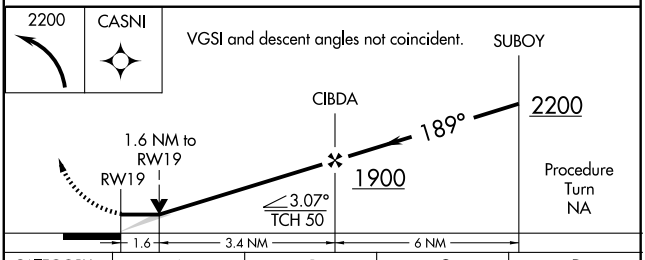
BATESVILLE/ PANOLA COUNTY (PMU)

T NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. If local altimeter setting not received, use Oxford altimeter setting and increase all MDAs 80 feet. VDP NA with Oxford altimeter setting. Procedure NA at night.

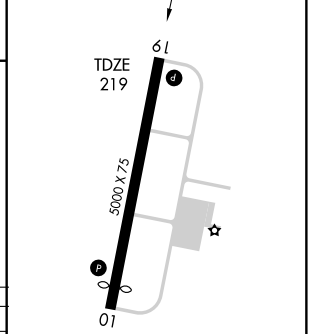
MISSED APPROACH: Climbing left turn to 2200 direct to CASNI WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.225	128.5 381.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	940-1	721 (800-1)	940-2 721 (800-2)	940-2¼ 721 (800-2¼)
CIRCLING	940-1	719 (800-1)	1000-2¼ 779 (800-2¼)	1000-2½ 779 (800-2½)



MIRL Rwy 1-19

SC-4, 17 DEC 2009 to 14 JAN 2010

BAY ST. LOUIS, MISSISSIPPI

AL-5860 (FAA)

ILS or LOC RWY 18

BAY ST. LOUIS/STENNIS INTL (HSA)

LOC I-HSA	APP CRS	Rwy Idg	8497
110.35	179°	TDZE	23
		Apt Elev	23

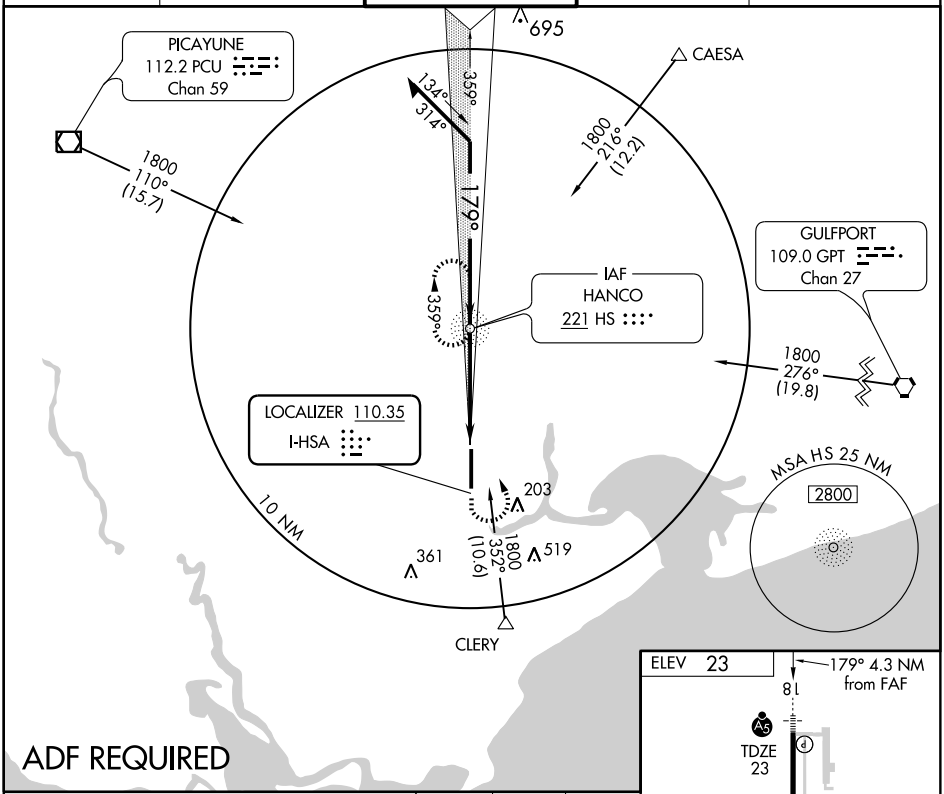
NA

If local altimeter setting not received, use Gulfport altimeter setting and increase decision altitude to 270 feet and all MDAs 60 feet.

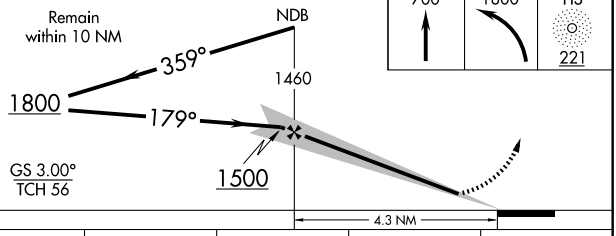
MALSR

MISSED APPROACH: Climb to 700 then climbing left turn to 1800 direct HS NDB and hold.

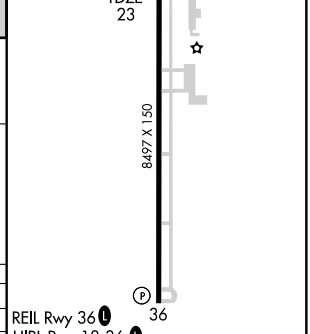
AWOS-3	GULFPORT APP CON★	STENNIS TOWER★	GND CON	UNICOM
118.375	124.6 354.1	127.15	121.725	123.0 (CTAF) L



ADF REQUIRED



700	1800	HS
↑	↰	221



CATEGORY	A	B	C	D
S-18	223-½ 200 (200-½)			
S-LOC 18	460-½ 437 (500-½)		460-¾ 437 (500-¾)	460-1 437 (500-1)
CIRCLING	460-1 437 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB HS	APP CRS	Rwy Idg	8497
221	178°	TDZE	23
		Apt Elev	23

NDB RWY 18

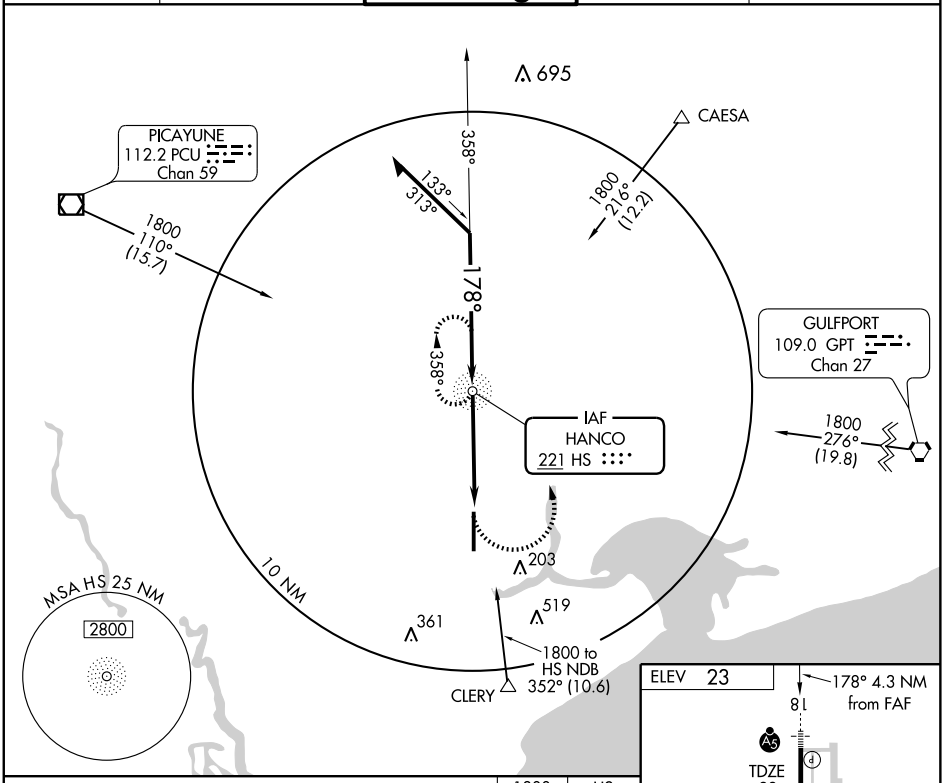
BAY ST. LOUIS /STENNIS INTL (HSA)

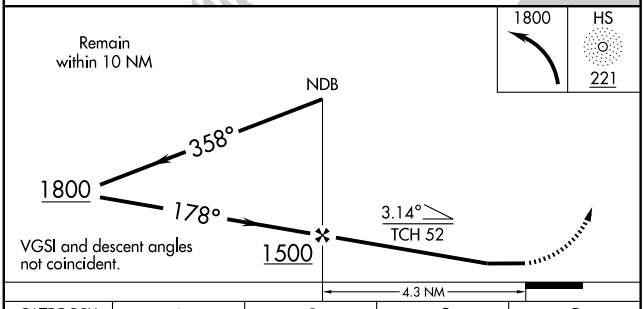
NA If local altimeter setting not received, use Gulfport altimeter setting and increase all MDAs 60 feet.

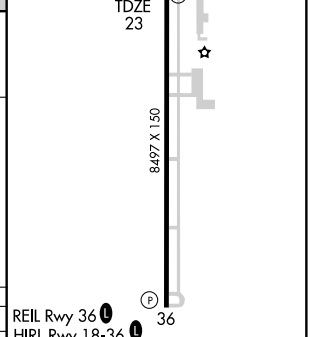
MALSR

MISSED APPROACH: Climbing left turn to 1800 direct HS NDB and hold.

AWOS-3	GULFPORT APP CON★	STENNIS TOWER★	GND CON	UNICOM
118.375	124.6 354.1	127.15	121.725	123.0 (CTAF)







CATEGORY	A	B	C	D
S-18	600-¾ 577 (600-¾)		600-1 577 (600-1)	600-1½ 577 (600-1½)
CIRCLING	600-1 577 (600-1)		600-1½ 577 (600-1½)	600-2 577 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-4, 17 DEC 2009 to 14 JAN 2010

BAY ST. LOUIS, MISSISSIPPI AL-5860 (FAA)

APP CRS	Rwy Idg	8497
179°	TDZE	23
	Apt Elev	23

RNAV (GPS) RWY 18

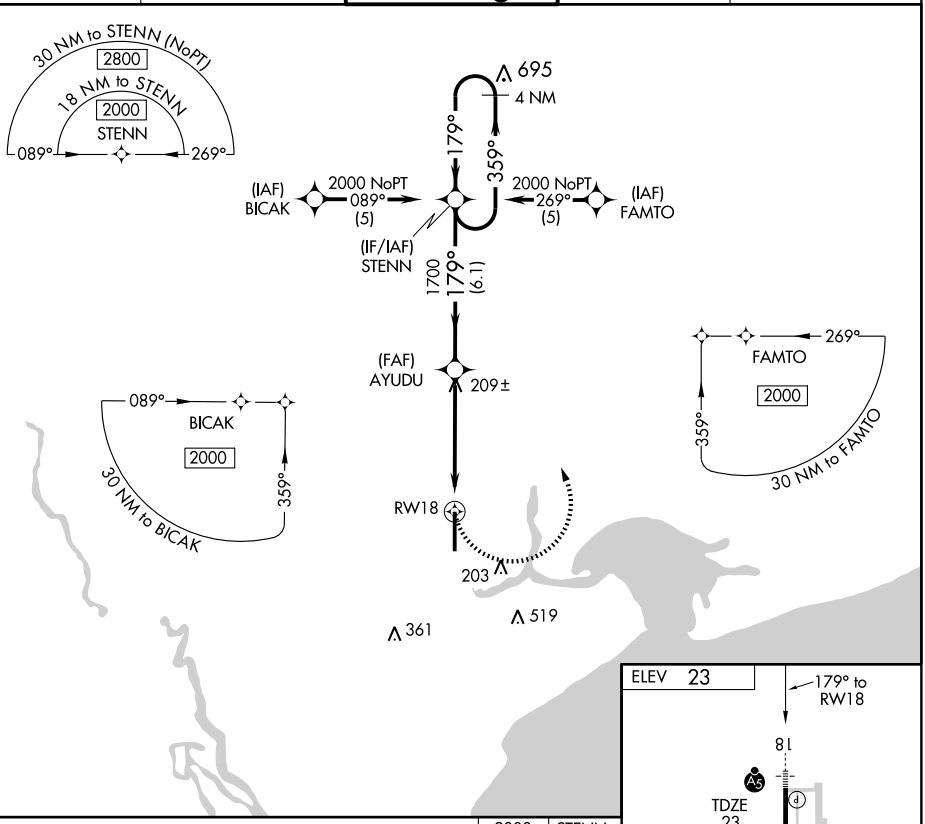
BAY ST. LOUIS /STENNIS INTL (HSA)

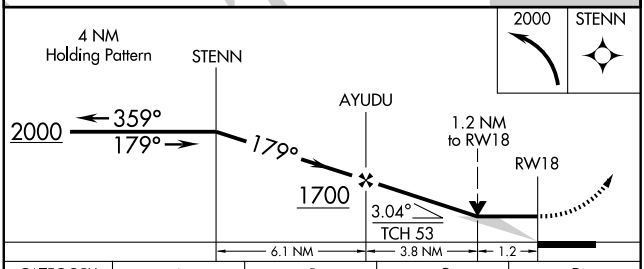
If local altimeter setting not received, use Gulfport altimeter setting and increase all MDAs 60 feet. DME/DME RNP-0.3 NA. VDP NA when using Gulfport altimeter setting.

MALSR

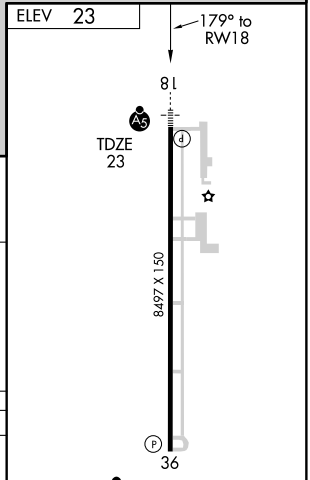
MISSED APPROACH: Climbing left turn to 2000 direct STENN and hold.

AWOS-3	GULFPORT APP CON ★	STENNIS TOWER ★	GND CON	UNICOM
118.375	124.6 354.1	127.15	121.725	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	460-½ 437 (500-½)		460-¾ 437 (500-¾)	460-1 437 (500-1)
CIRCLING	460-1 437 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)



REIL Rwys 36 L

HIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 63109 W36A	APP CRS 359°	Rwy Idg 8497 TDZE 14 Apt Elev 23

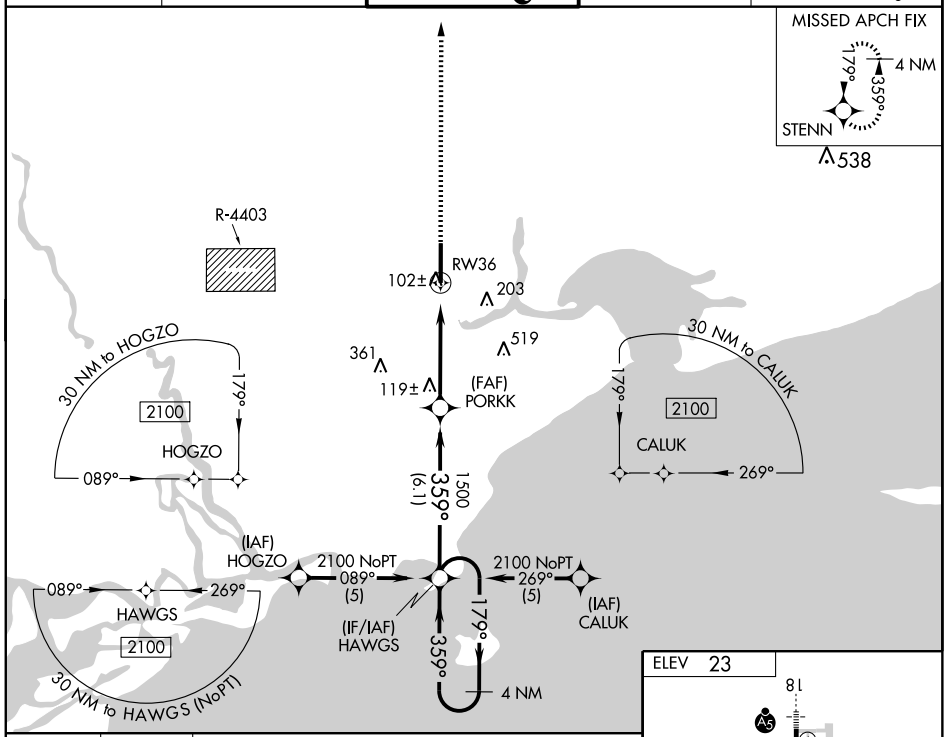
RNAV (GPS) RWY 36

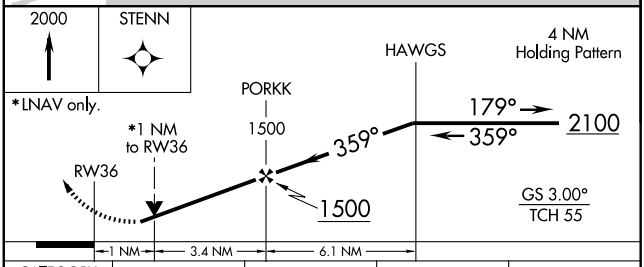
BAY ST. LOUIS/STENNIS INTL (HSA)

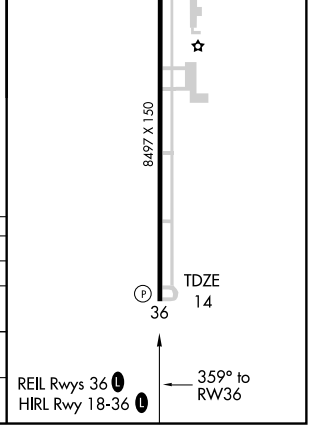
Baro-VNAV NA when using Gulfport altimeter setting. For uncompensated Baro-VANV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). When local altimeter setting not received, use Gulfport altimeter setting and increase LPV DA to 378, LNAV/VNAV DA to 409. Increase LPV visibility ¼ mile. Increase all MDA 60 feet and Cat C visibility ¼ mile. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Gulfport altimeter setting.

MISSED APPROACH: Climb to 2000 direct STENN and hold.

AWOS-3	GULFPORT APP CON ★	STENNIS TOWER ★	GND CON	UNICOM
118.375	124.6 354.1	127.15 (A5)	121.725	123.0 (CTAF) (L)







CATEGORY	A	B	C	D
LPV DA	331-1	317 (400-1)		
LNAV/VNAV DA	362-1¼	348 (400-1¼)		
LNAV MDA	380-1	366 (400-1)		380-1¼ 366 (400-1¼)
CIRCLING	520-1	497 (500-1)	520-1½ 497 (500-1½)	580-2 557 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC GPT 109.0 Chan 27	APP CRS 261°	Rwy Idg N/A TDZE N/A Apt Elev 23

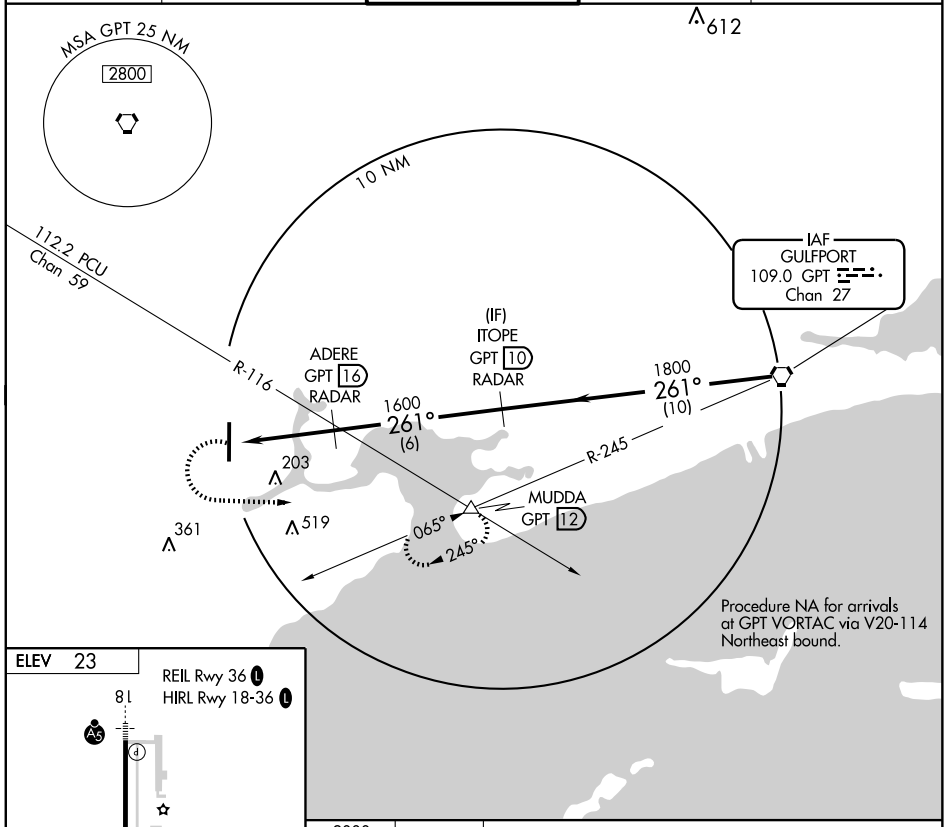
VOR-A

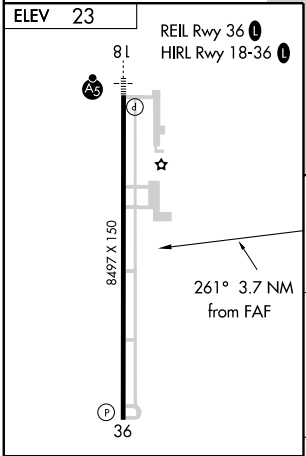
BAY ST. LOUIS/STENNIS INTL (HSA)

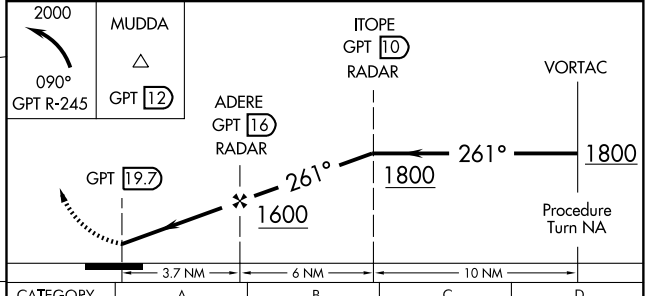
If local altimeter setting not received, use Gulfport altimeter setting and increase all MDAs 60 feet. DME or radar required.

MISSED APPROACH: Climbing left turn to 2000 via heading 090°and GPT R-245 to MUDDA Int/GPT 12 DME and hold.

AWOS-3 118.375	GULFPORT APP CON★ 124.6 354.1	STENNIS TOWER★ 127.15	GND CON 121.725	UNICOM 123.0 (CTAF)



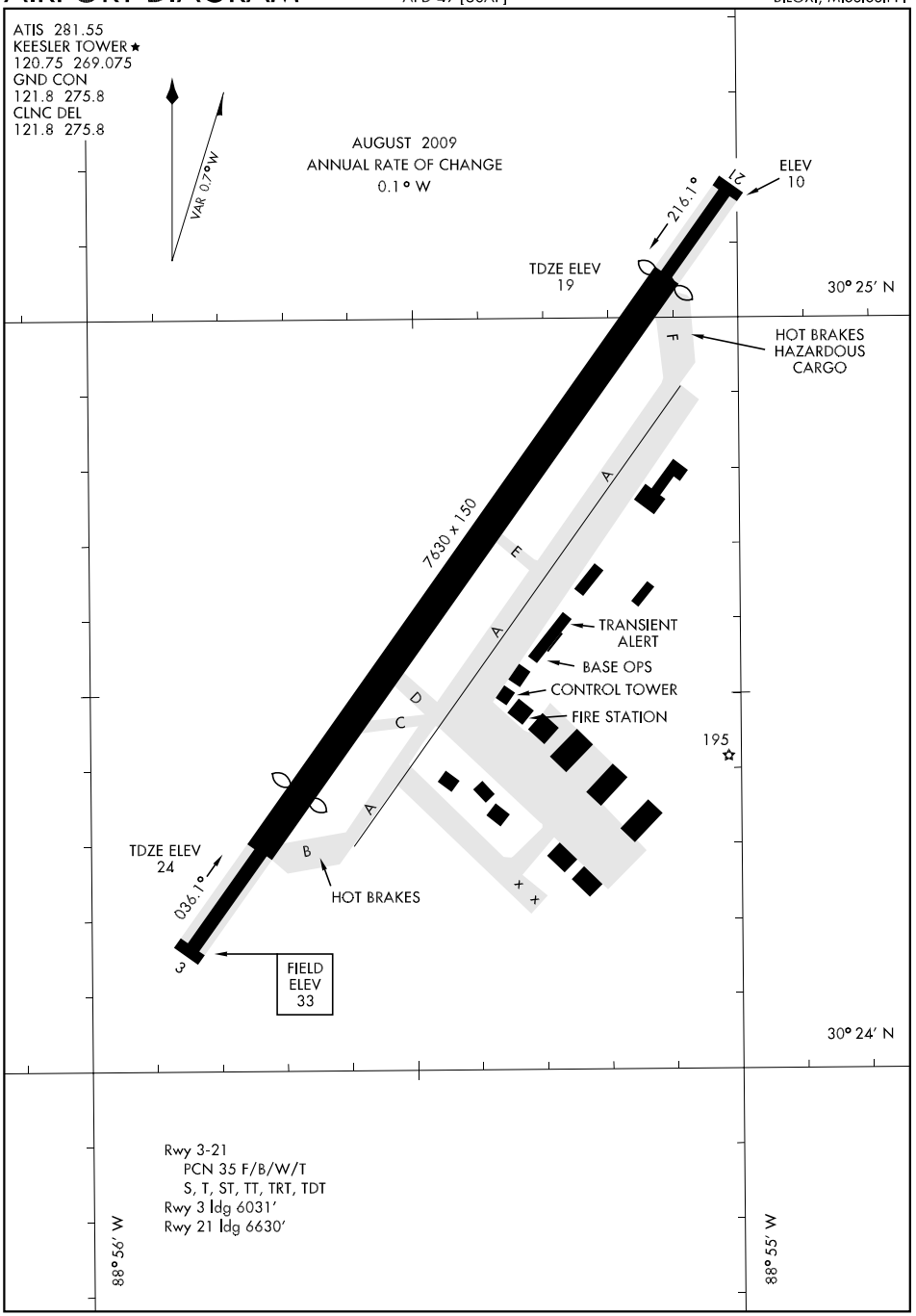




FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

CATEGORY	A	B	C	D
CIRCLING	460-1 437 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010



SC-4, 17 DEC 2009 to 14 JAN 2010

ILS or LOC/DME RWY 21

LOC I-BIX	APCH CRS	Rwy ldg 6630 / TDZE 19 / Arpt Elev 33	AL-49 [USAF]	KEESLER AFB (KBIX)
109.7	214°			

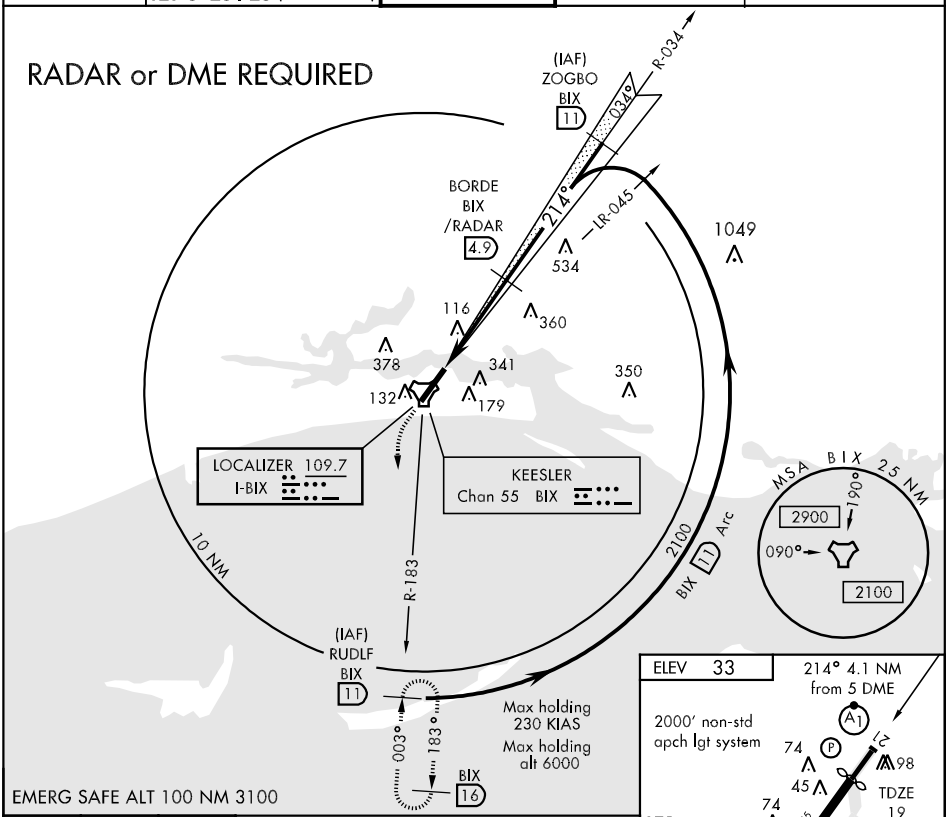
▼ * When ALS inop, increase CAT ABCD RVR to 40, vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50, vis to 1 mile, CAT C RVR to 60, vis to 1¼ miles and CAT D vis to 1½ miles.

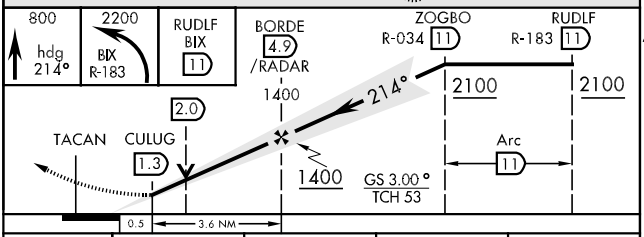
ALSF-1 (A1)

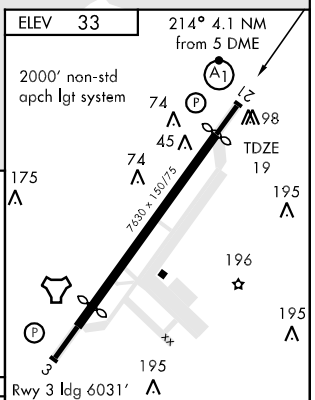
MISSED APPROACH: Climb to 800 heading 214°, upon reaching 800 turn left climbing to 2200 to RUDLF (BIX TACAN R-183/11 DME) and hold.

ATIS	GULFPORT APP CON	KEESLER TOWER ★	GND CON	CLNC DEL
281.55	124.6 354.1 (130°- 309°) 127.5 254.25 (310°- 129°)	120.75 269.075	121.8 275.8	121.8 275.8

RADAR or DME REQUIRED







CATEGORY	A	B	C	D
S-ILS 21*	219/24 200 (200-½)			
S-LOC 21**	460/24 441 (500-½)		460/40 441 (500-¾)	460/50 441 (500-1)
CIRCLING	620-1 587 (600-1)	700-1 667 (700-1)	700-1¾ 667 (700-1¾)	740-2¼ 707 (800-2¼)

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

TACAN RWY 3

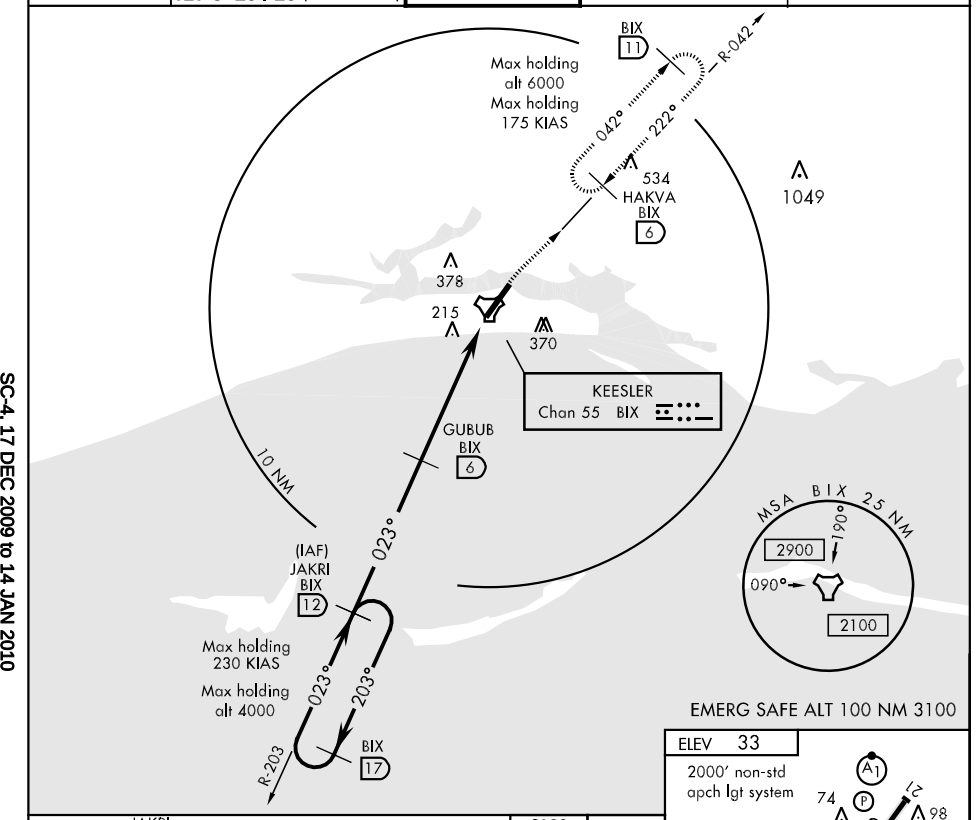
TACAN	APCH CRS	Rwy ldg	6031
Chan 55	023°	TDZE	23
		Arpt Elev	33

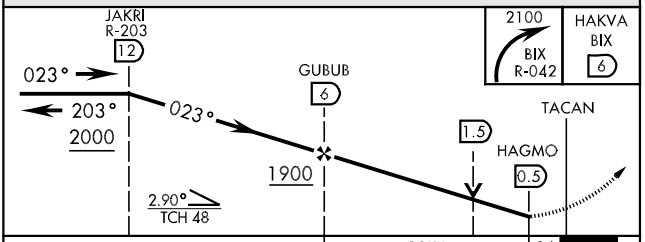
AL-49 [USAF]

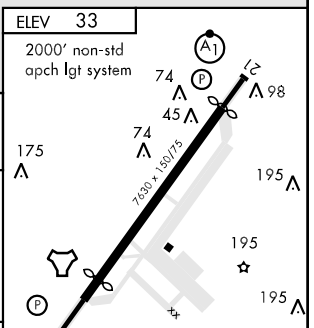
KEESLER AFB (KBIX)

MISSED APPROACH: Turn right climbing to 2100 direct to HAKVA (BIX TACAN R-042/6 DME) and hold.

ATIS	GULFPORT APP CON	KEESLER TOWER ★	GND CON	CLNC DEL
281.55	124.6 354.1 (130°- 309°) 127.5 254.25 (310°- 129°)	120.75 269.075	121.8 275.8	121.8 275.8







CATEGORY	A	B	C	D
S-3	520/50 497 (500-1)		520/60 497 (500-1¼)	520-1½ 497 (500-1½)
CIRCLING	620-1 587 (600-1)	700-1 667 (700-1)	700-1¾ 667 (700-1¾)	740-2¼ 707 (800-2¼)

SC-4, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 21

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
BIX Chan 55	219°	6630	19	33

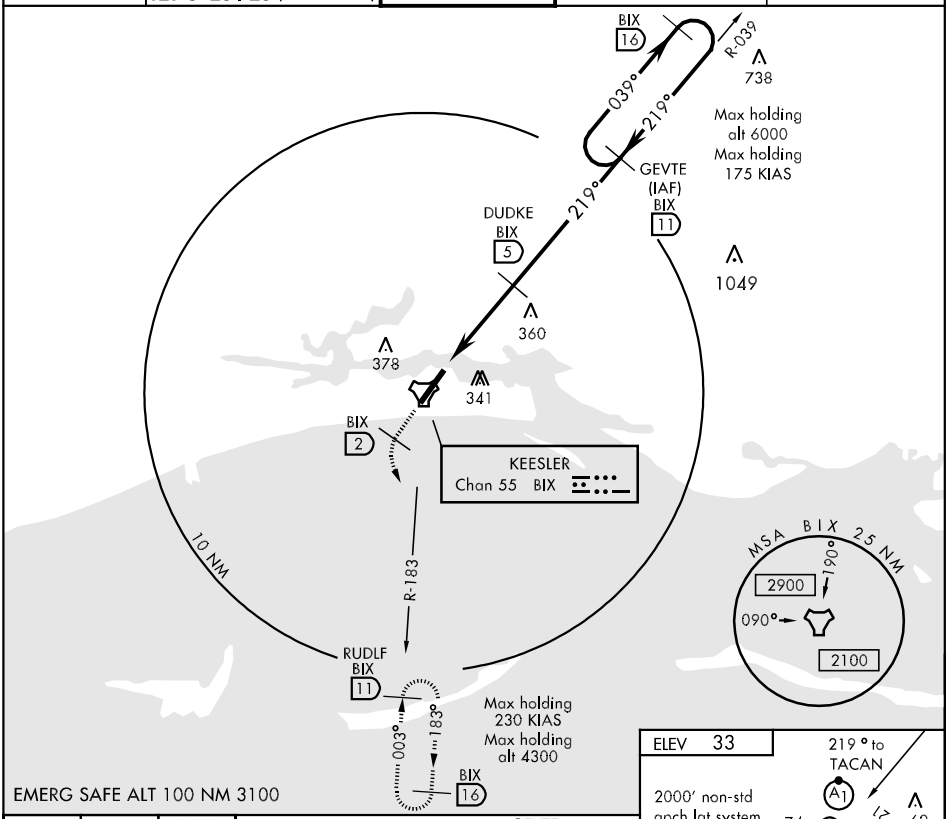
AL-49 [USAF] — KEESLER AFB (KBIX)

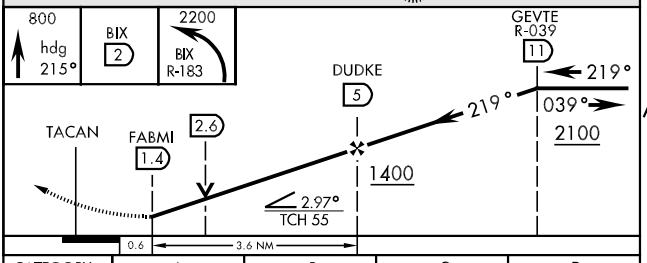
▼ * When ALS inop, increase CAT AB RVR to 50, vis to 1 mile, CAT C vis to 1¾ miles, CAT D vis to 2 miles.

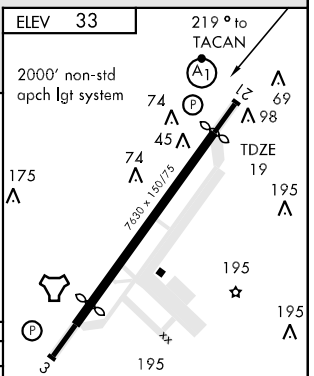
ALSF-1 (A1)

MISSED APPROACH: Climb to 800 heading 215° until 2 DME, then left turn climbing to 2200 to RUDLF (BIX TACAN R-183/11 DME) and hold.

ATIS	GULFPORT APP CON	KEESLER TOWER ★	GND CON	CLNC DEL
281.55	124.6 354.1 (130°- 309°) 127.5 254.25 (310°- 129°)	120.75 269.075	121.8 275.8	121.8 275.8







CATEGORY	A	B	C	D
S-21*	640/40 621 (700-¾)		640/60 621 (700-1¼)	640-1½ 621 (700-1½)
CIRCLING	640-1 607 (700-1)	700-1 667 (700-1)	700-1¾ 667 (700-1¾)	740-2¼ 707 (800-2¼)

VOR/DME-A

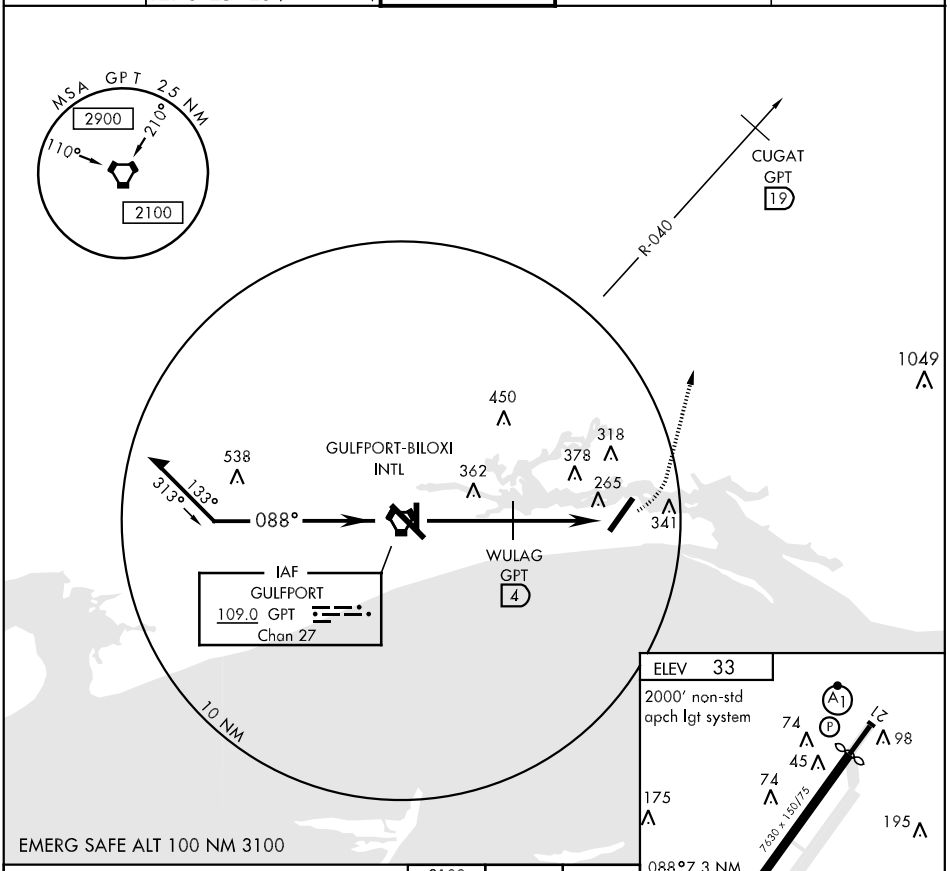
VORTAC GPT	APCH CRS	Rwy Idg	N/A
109.0	088°	TDZE	N/A
Chan 27		Arpt Elev	33

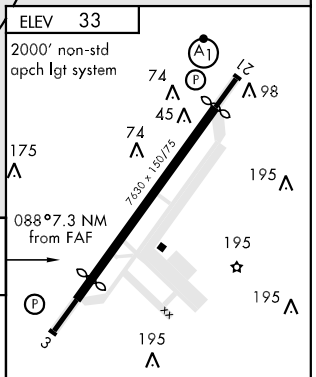
AL-49 [USAF]

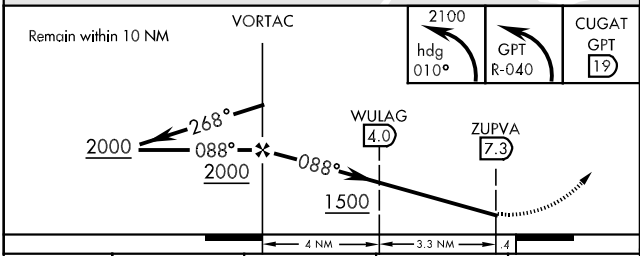
KEESLER AFB (KBIX)

MISSED APPROACH: Turn left heading 010° to 2100 intcp GPT VORTAC R-040 to CUGAT (R-040/19 DME).

ATIS	GULFPORT APP CON	KEESLER TOWER ★	GND CON	CLNC DEL
281.55	124.6 354.1 (130°- 309°) 127.5 254.25 (310°- 129°)	120.75 269.075	121.8 275.8	121.8 275.8







CATEGORY	A	B	C	D
CIRCLING	1040-1¼ 1007 (1100-1¼)	1040-1½ 1007 (1100-1½)	1040-3 1007 (1100-3)	

FAF to MAP 7.3 NM					
Knots	60	90	120	150	180
Min:Sec	7:18	4:52	3:39	2:55	2:26

SC-4, 17 DEC 2009 to 14 JAN 2010

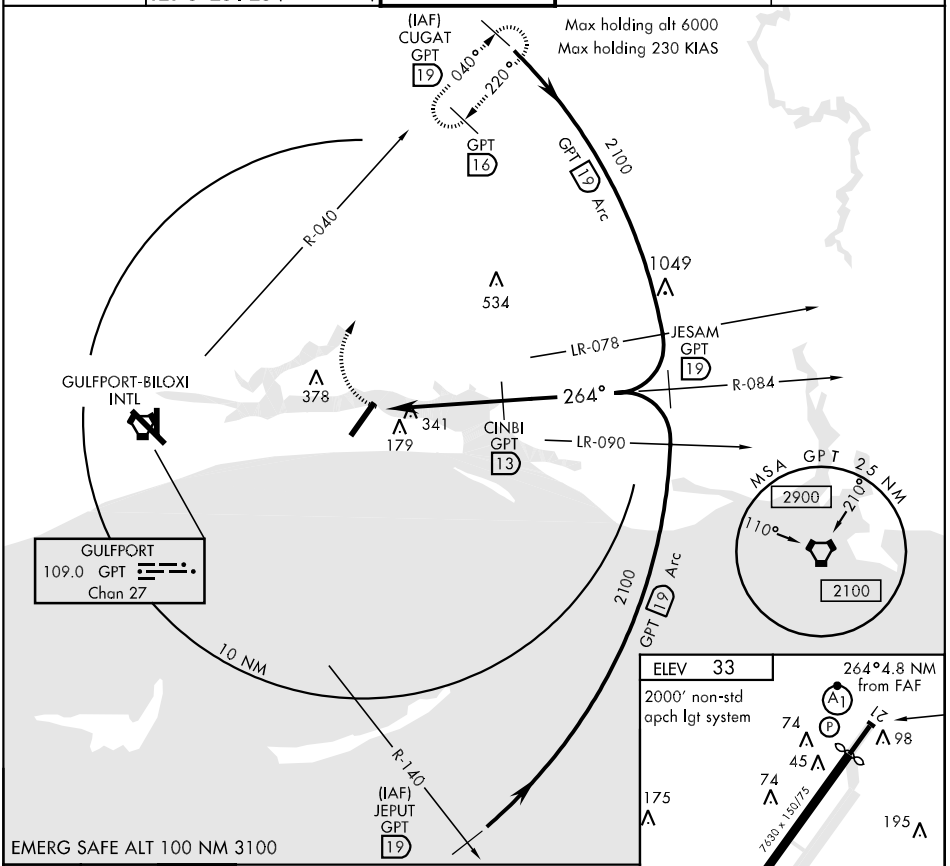
VOR/DME-B or TACAN-B

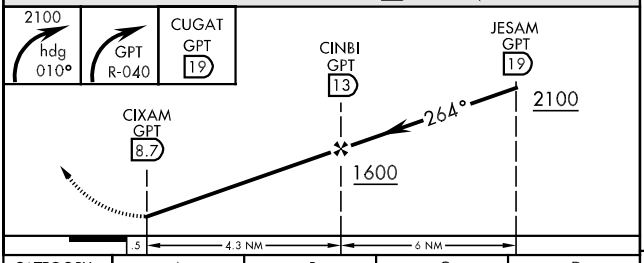
VORTAC GPT 109.0 Chan 27	APCH CRS 264°	Rwy ldg N/A TDZE N/A Arpt Elev 33

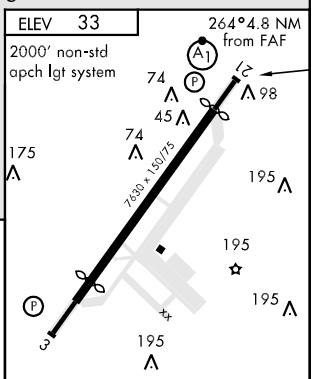
AL-49 [USAF] KEESLER AFB (KBIX)

MISSED APPROACH: Turn right heading 010° to 2100 intcp GPT VORTAC R-040 to CUGAT (R-040/19 DME) and hold.

ATIS	GULFPORT APP CON	KEESLER TOWER ★	GND CON	CLNC DEL
281.55	124.6 354.1 (130°- 309°) 127.5 254.25 (310°- 129°)	120.75 269.075	121.8 275.8	121.8 275.8







CATEGORY	A	B	C	D
CIRCLING	660-1 627 (700-1)	700-1 667 (700-1)	700-1¾ 667 (700-1¾)	740-2¼ 707 (800-2¼)

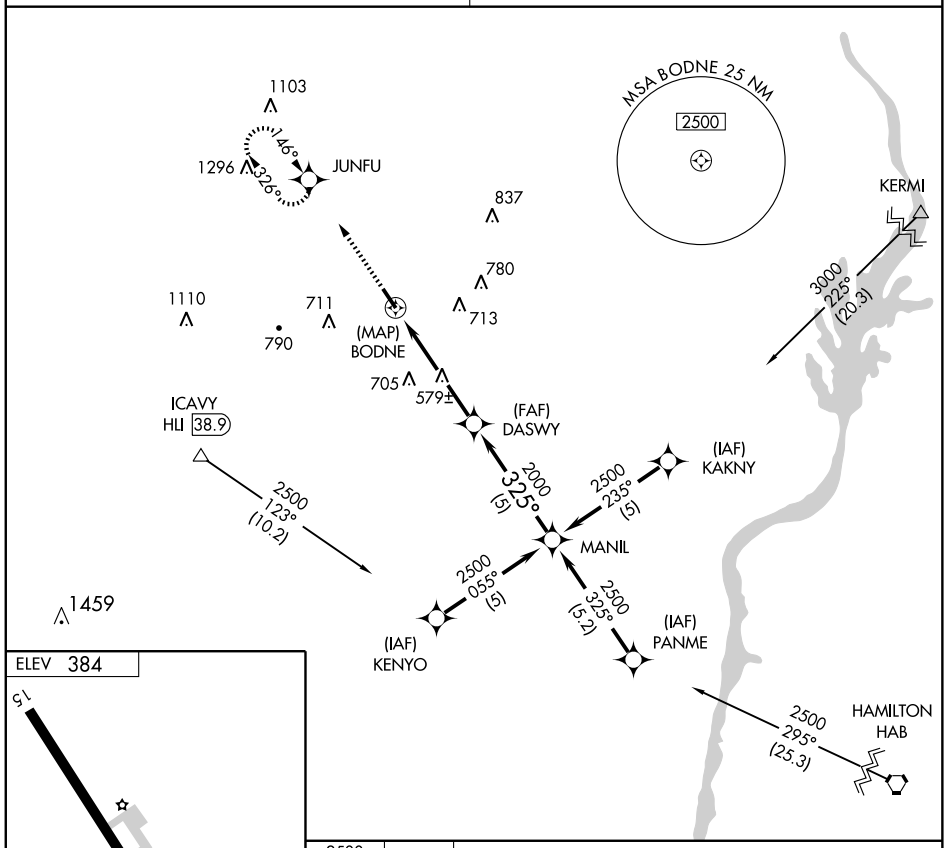
FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

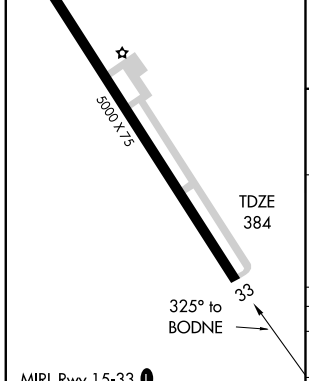
APP CRS	Rwy Idg	5000
325°	TDZE	384
	Apt Elev	384

GPS RWY 33

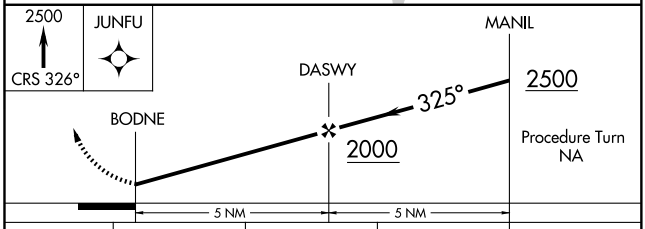
BOONEVILLE/BALDWYN (8M1)

⚠ NA Use Tupelo Regional, MS altimeter setting.	MISSED APPROACH: Climb to 2500 via 326° course to JUNFU WP and hold.
MEMPHIS CENTER **135.9 273.55**	UNICOM **122.8** (CTAF) Ⓛ





MIRL Rwy 15-33 Ⓛ
REIL Rwy 15 and 33



CATEGORY	A	B	C	D
S-33	900-1	516 (600-1)	900-1½ 516 (600-1½)	NA
CIRCLING	920-1	536 (600-1)	920-1½ 536 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME OTB	APP CRS	Rwy Idg	N/A
109.8	015°	TDZE	N/A
Chan 35		Apt Elev	384

VOR/DME or GPS-A

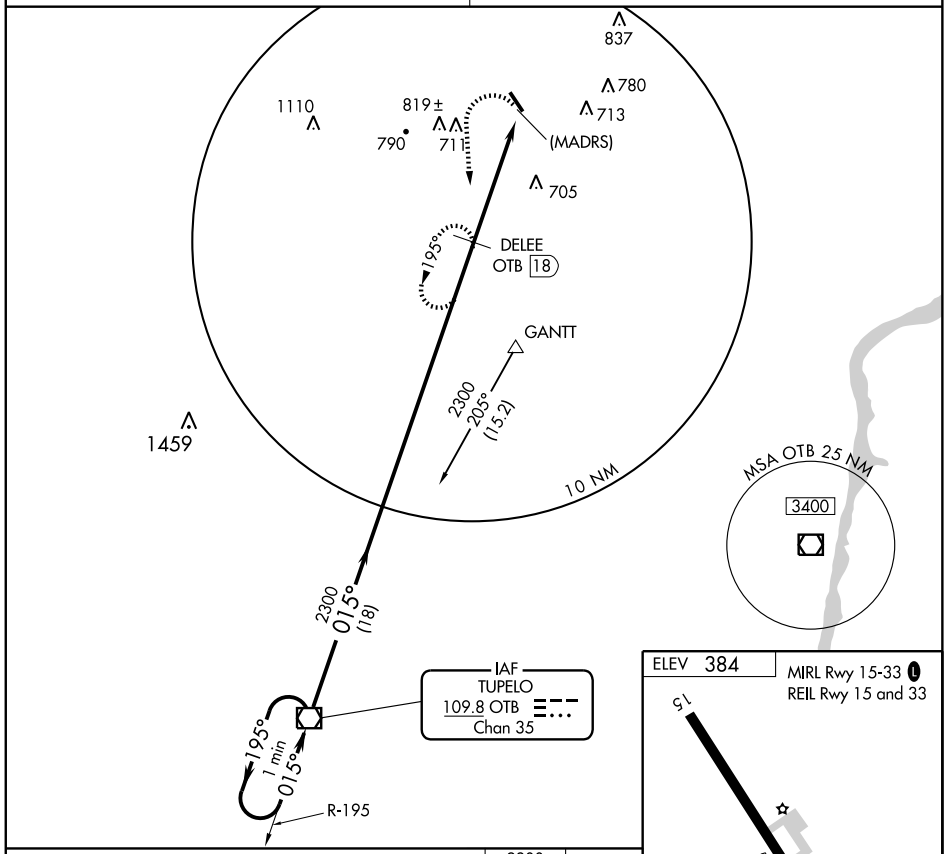
BOONEVILLE/BALDWYN (8M1)

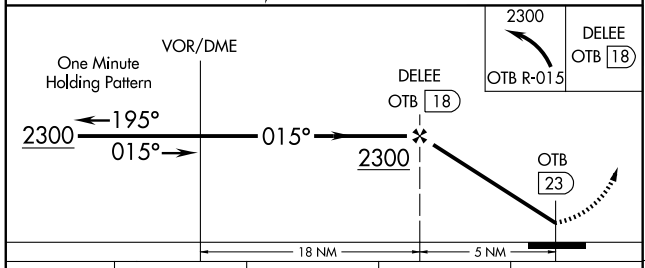
⚠ NA Use Tupelo altimeter setting.

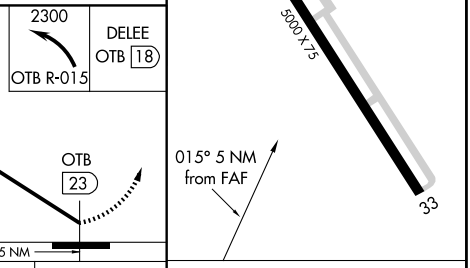
MISSED APPROACH: Climbing left turn to 2300 via OTB R-015 to DELEE/OTB 18 DME and hold.

MEMPHIS CENTER
135.9 273.55

UNICOM
122.8 (CTAF) L







ELEV 384
MIRL Rwy 15-33 L
REIL Rwy 15 and 33

CATEGORY	A	B	C	D
CIRCLING	1040-1 656 (700-1)	1040-1¼ 656 (700-1¼)	1040-1¾ 656 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
225°	TDZE	487
	Apt Elev	489

RNAV (GPS) RWY 22

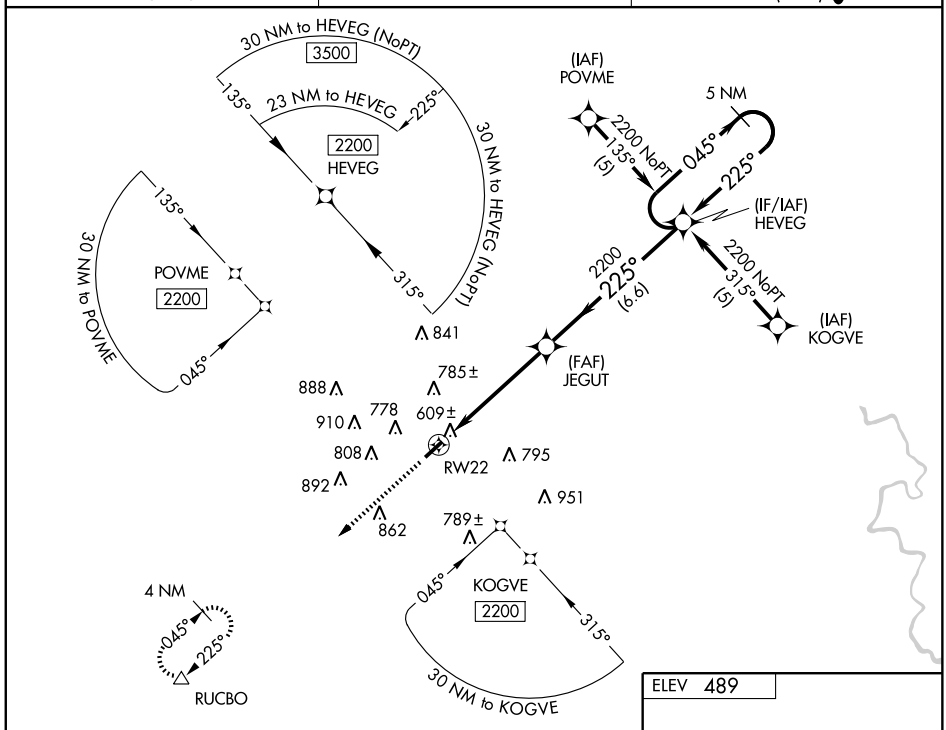
BROOKHAVEN-LINCOLN COUNTY (1R7)

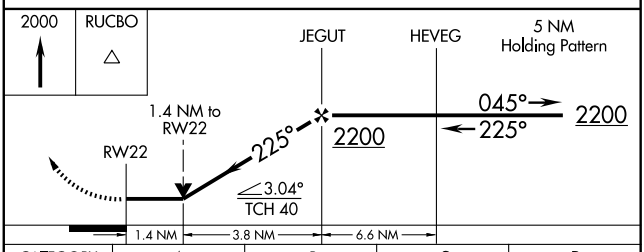
DME/DME RNP-0.3 NA. Circling to Rwy 4 NA at night. If local altimeter setting not received, use McComb altimeter setting and increase all MDAs 80 feet. VDP NA when using McComb altimeter setting. Visibility reduction by helicopters NA.

NA

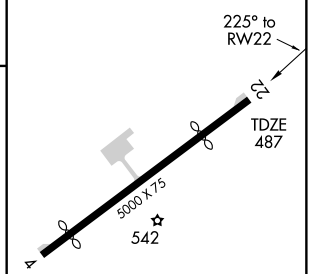
MISSED APPROACH: Climb to 2000 direct RUCBO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.125	126.8 327.8	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	960-1 473 (500-1)		960-1¼ 473 (500-1¼)	NA
CIRCLING	960-1 471 (500-1)	1080-1 591 (600-1)	1080-1½ 591 (600-1½)	NA



MIRL Rwy 4-22 (L)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MCB 116.7 Chan 114	APP CRS 334°	Rwy Idg N/A TDZE N/A Apt Elev 489

VOR/DME-A

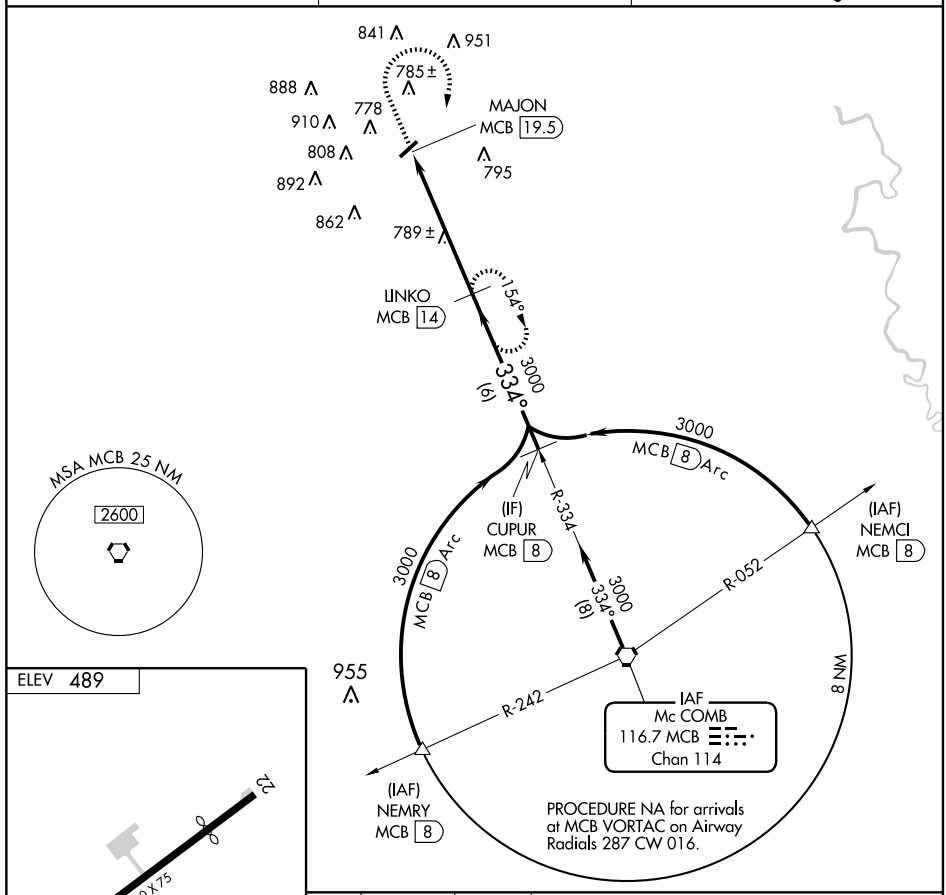
BROOKHAVEN-LINCOLN COUNTY (1R7)

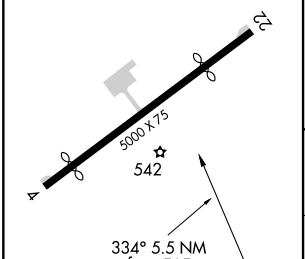
Circling to Rwy 4 NA at night. If local altimeter setting not received, use McComb altimeter setting and increase all MDAs 80 feet.

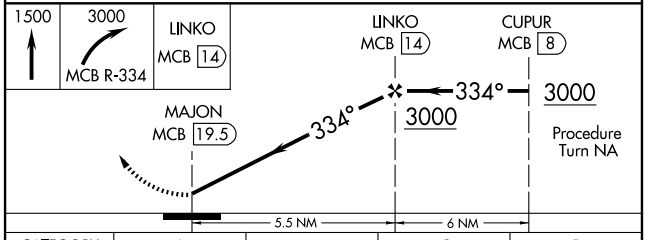
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 via MCB R-334 to LINKO/14 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.125	126.8 327.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1000-1 511 (600-1)	1080-1 591 (600-1)	1080-1½ 591 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

CLARKSDALE, MISSISSIPPI AL-5734 (FAA)

APP CRS		
181°	Rwy Idg	5404
	TDZE	173
	Apt Elev	173

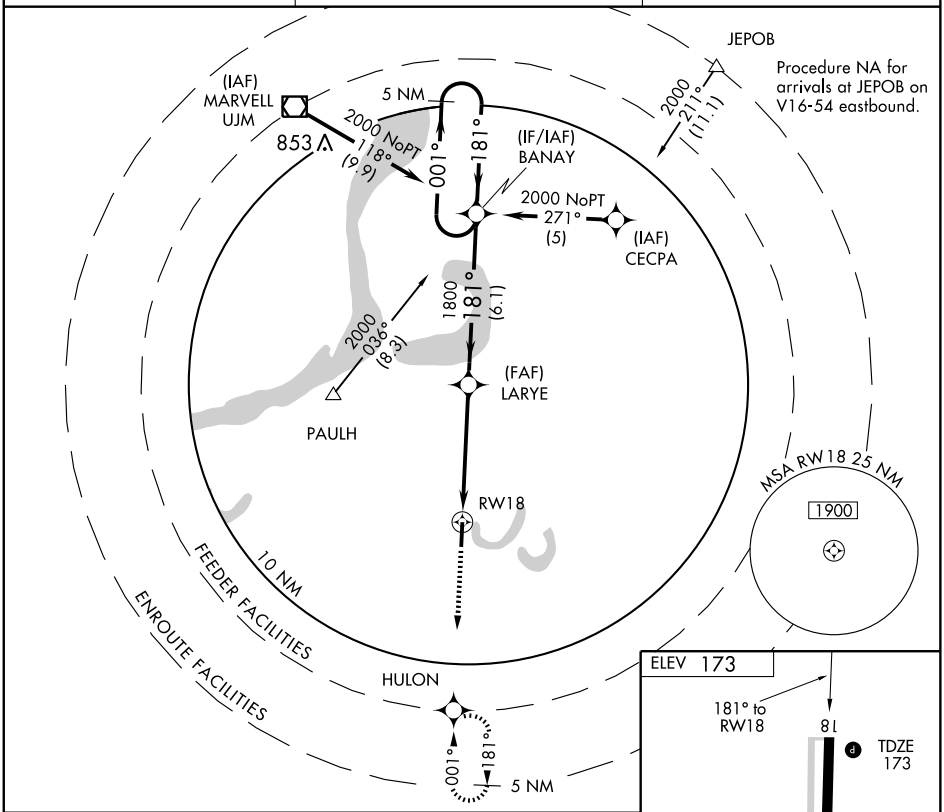
RNAV (GPS) RWY 18

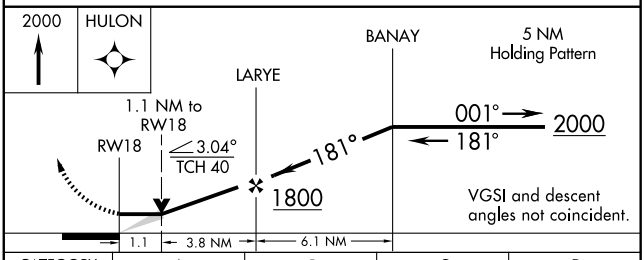
CLARKSDALE/FLETCHER FIELD (CKM)

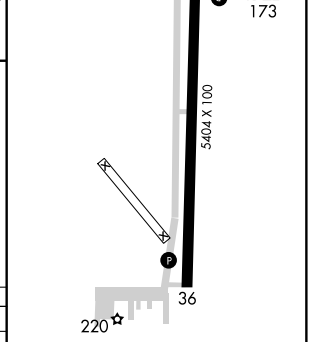
If local altimeter setting not received, use Tunica altimeter setting and increase all MDAs 60 feet. VDP NA with Panola County altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct HULON and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	560-1 387 (400-1)			560-1¼ 387 (400-1¼)
CIRCLING	580-1 407 (500-1)	640-1 467 (500-1)	640-1½ 467 (500-1½)	740-2 567 (600-2)

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

CLARKSDALE, MISSISSIPPI AL-5734 (FAA)

APP CRS	Rwy Idg	5404
001°	TDZE	173
	Apt Elev	173

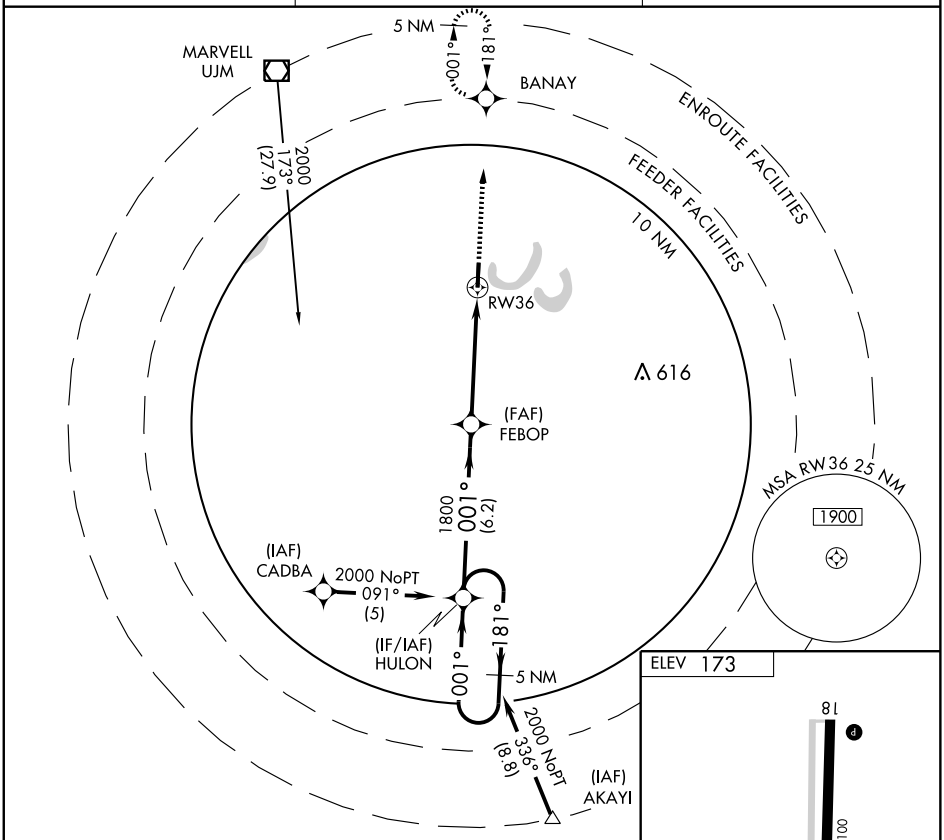
RNAV (GPS) RWY 36

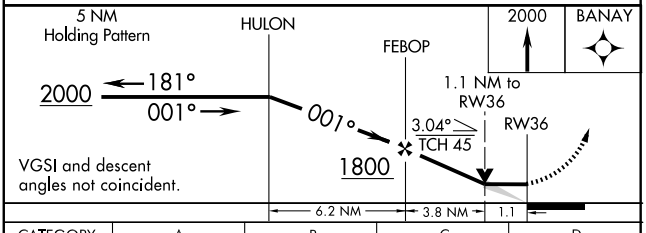
CLARKSDALE/FLETCHER FIELD (CKM)

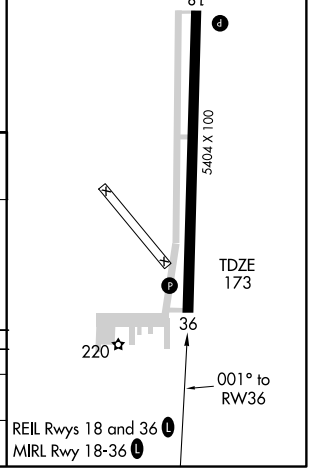
If local altimeter setting not received, use Tunica altimeter setting and increase all MDAs 60 feet. VDP NA with Panola County altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct BANAY and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	540-1 367 (400-1)			540-1¼ 367 (400-1¼)
CIRCLING	580-1 407 (500-1)	640-1 467 (500-1)	640-1½ 467 (500-1½)	740-2 567 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

CLARKSDALE, MISSISSIPPI

AL-5734 (FAA)

VORTAC UJM	APP CRS	Rwy Idg	5404
109.6	152°	TDZE	173
Chan 33		Apt Elev	173

VOR/DME RWY 18

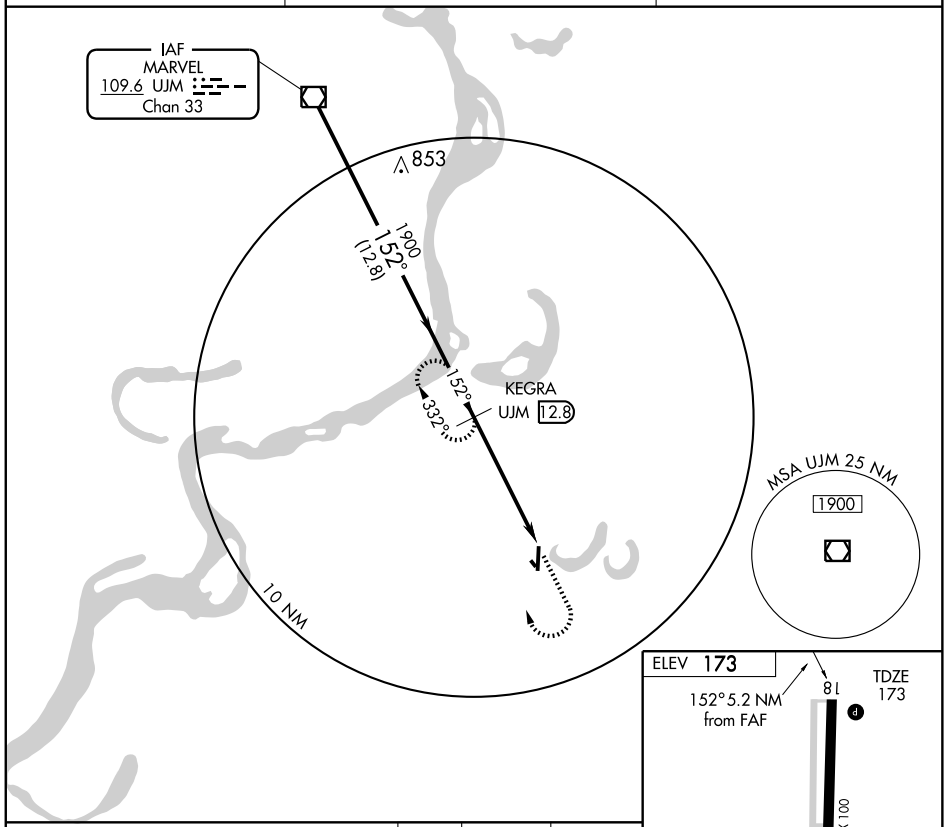
CLARKSDALE/FLETCHER FIELD (CKM)

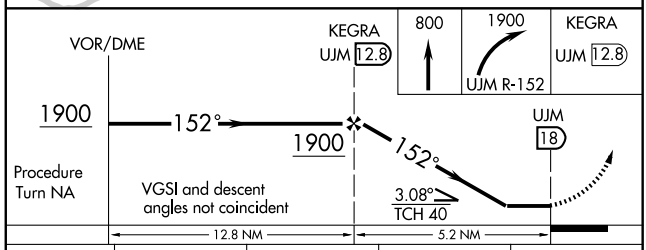
If local altimeter setting not received, use Tunica altimeter setting and increase all MDAs 60 feet.

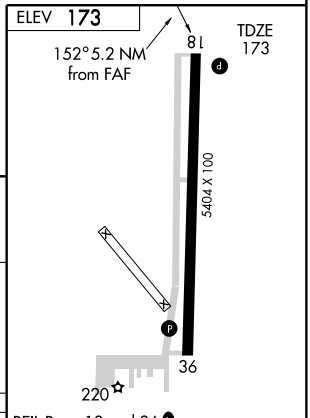
NA

MISSED APPROACH: Climb to 800 then climbing right turn to 1900 via UJM R-152 to KEGRA/ 12.8 DME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
120.675	135.3 335.8	122.8 (CTAF) L







REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-18	560-1 387 (400-1)		560-1¼ 387 (400-1¼)	560-1½ 387 (400-1½)
CIRCLING	580-1 407 (500-1)	640-1 467 (500-1)	640-1½ 467 (500-1½)	740-2 567 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4002
359°	TDZE	140
	Apt Elev	140

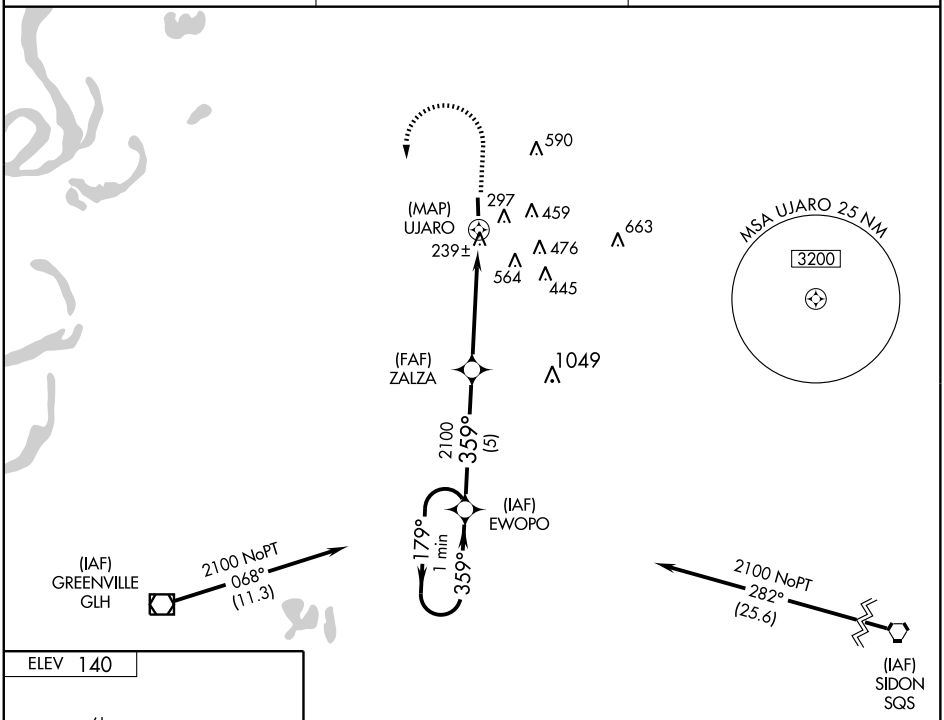
GPS RWY 35
CLEVELAND MUNI (RNV)

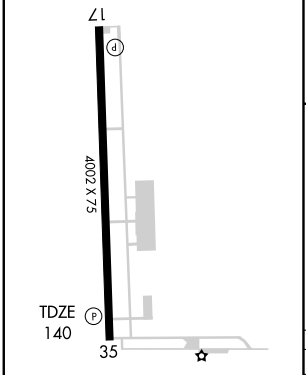
When local altimeter setting not received, use Greenwood altimeter setting.

NA

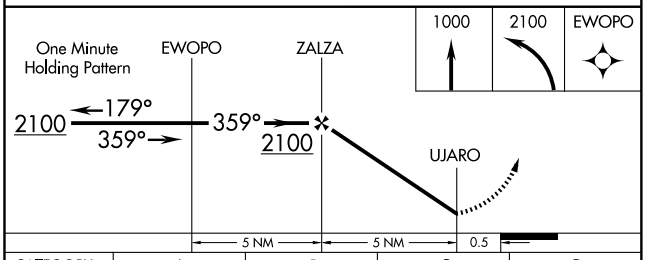
MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct EWOPO WP and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
124.175	135.875 269.35	122.725 (CTAF) L





MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
S-35	580-1	440 (500-1)	580-1¼ 440 (500-1¼)	580-1½ 440 (500-1½)
CIRCLING	700-1	560 (600-1)	820-2 680 (700-2)	1040-2¾ 900 (900-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

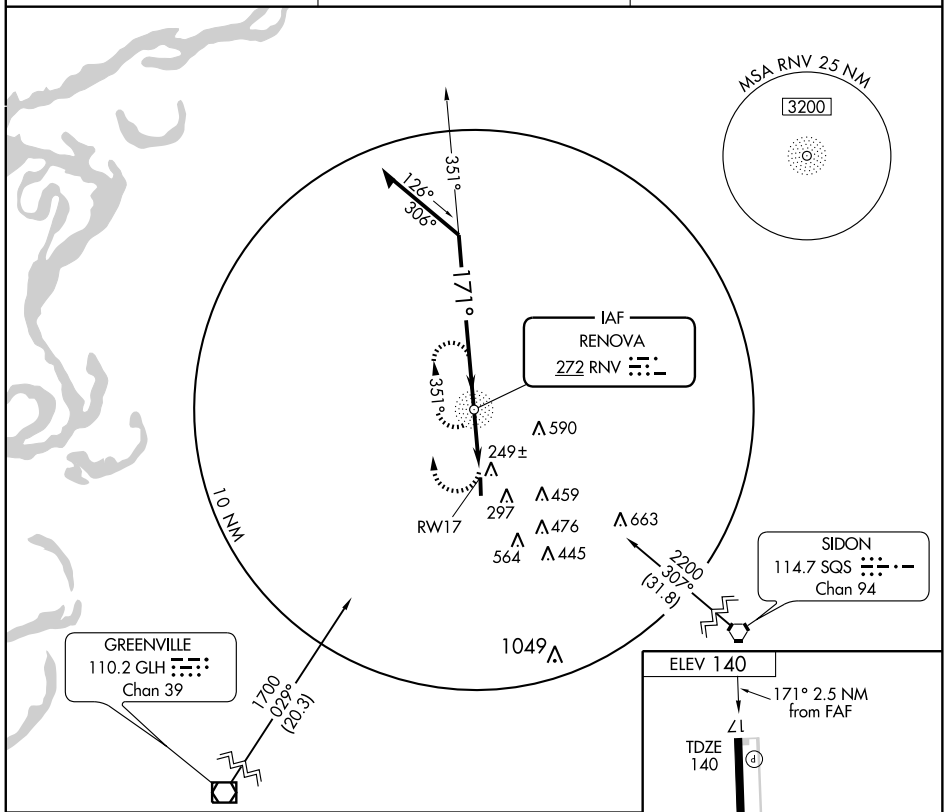
NDB RNV	APP CRS	Rwy Idg	4002
272	171°	TDZE	140
		Apt Elev	140

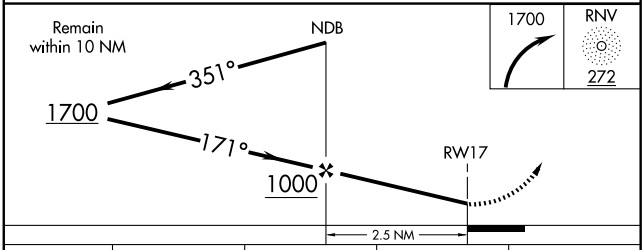
NDB or GPS RWY 17
CLEVELAND MUNI (RNV)

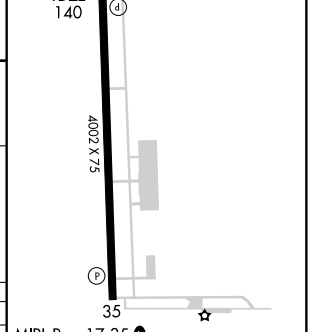
Use Greenwood altimeter setting.
NA

MISSED APPROACH: Climbing right turn to 1700 direct RNV NDB and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
124.175	135.875 269.35	122.725 (CTAF) L







CATEGORY	A	B	C	D
S-17	760-1	620 (700-1)	760-1¾ 620 (700-1¾)	760-2 620 (700-2)
CIRCLING	760-1	620 (700-1)	860-2 720 (800-2)	1040-3 900 (900-3)

FAF to MAP 2.5 NM

Knots	60	90	120	150	180
Min:Sec	2:30	1:40	1:15	1:00	0:50

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME GLH	APP CRS	Rwy Idg	N/A
110.2	035°	TDZE	N/A
Chan 39		Apt Elev	140

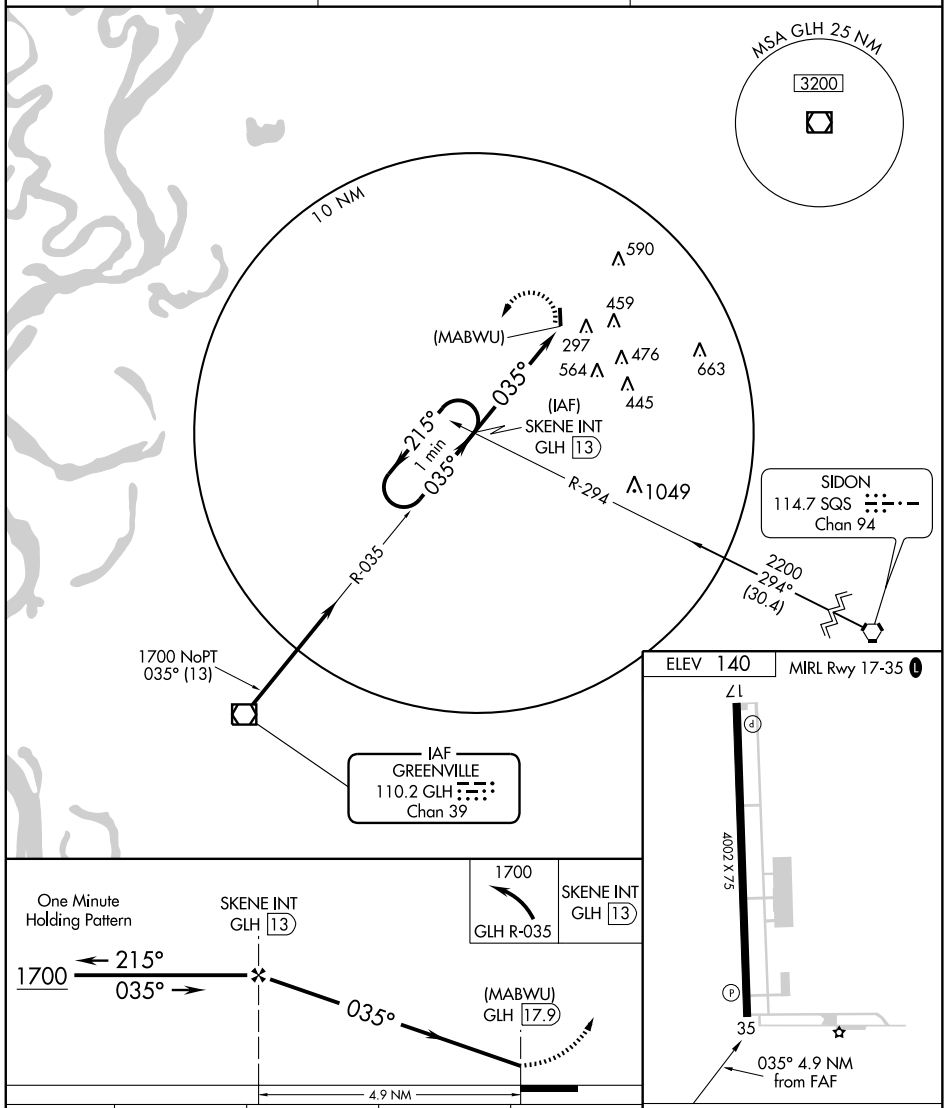
VOR or GPS-A
CLEVELAND MUNI (RNV)

NA

Use Greenwood altimeter setting.

MISSED APPROACH: Climbing left turn to 1700 via GLH R-035 to SKENE Int and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
124.175	135.875 269.35	122.725 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	860-1	720 (800-1)	860-2	1040-3
			720 (800-2)	900 (900-3)

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

SC-4, 17 DEC 2009 to 14 JAN 2010

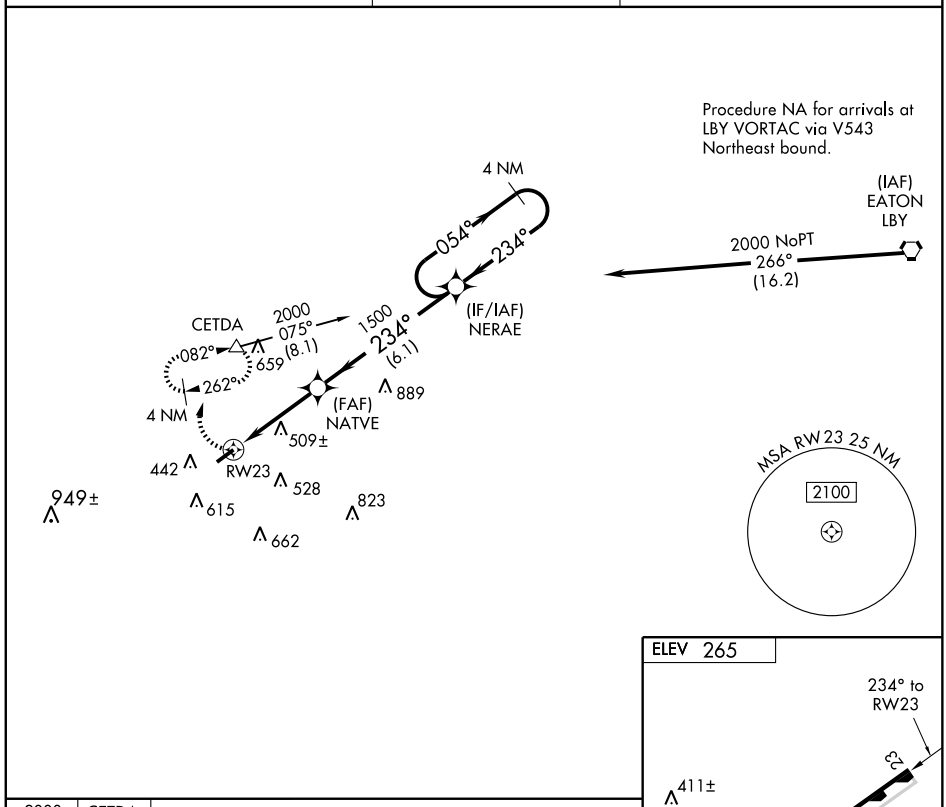
APP CRS	Rwy Idg	4460
234°	TDZE	265
	Apt Elev	265

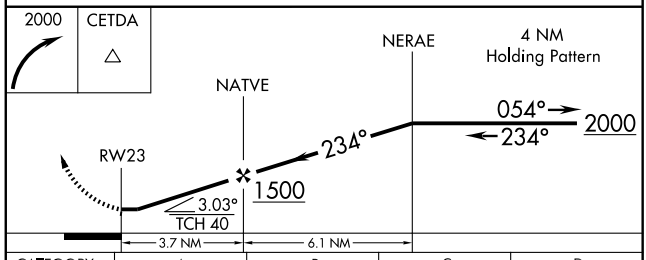
RNAV (GPS) RWY 23
COLUMBIA-MARION COUNTY (ØRØ)

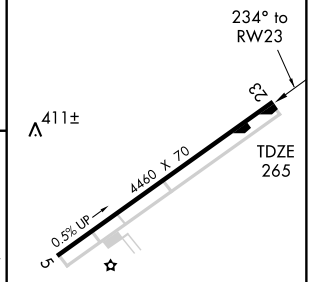
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Hattiesburg-Laurel Rgnl altimeter setting; when not received, use Hattiesburg Bobby L Chain Muni altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climbing right turn to 2000 direct CETDA and hold.

HATTIESBURG-LAUREL AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	122.8 (CTAF) L



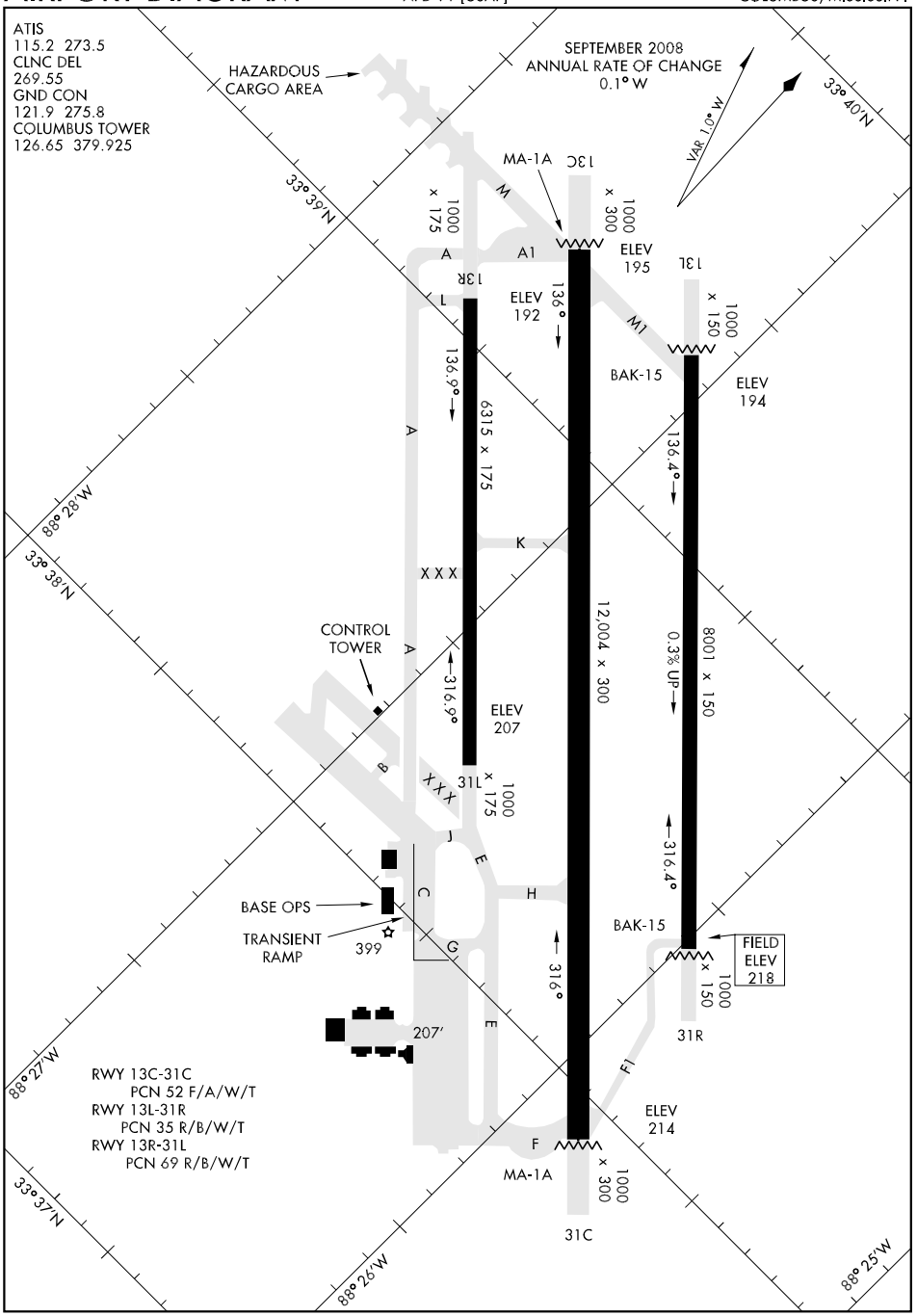




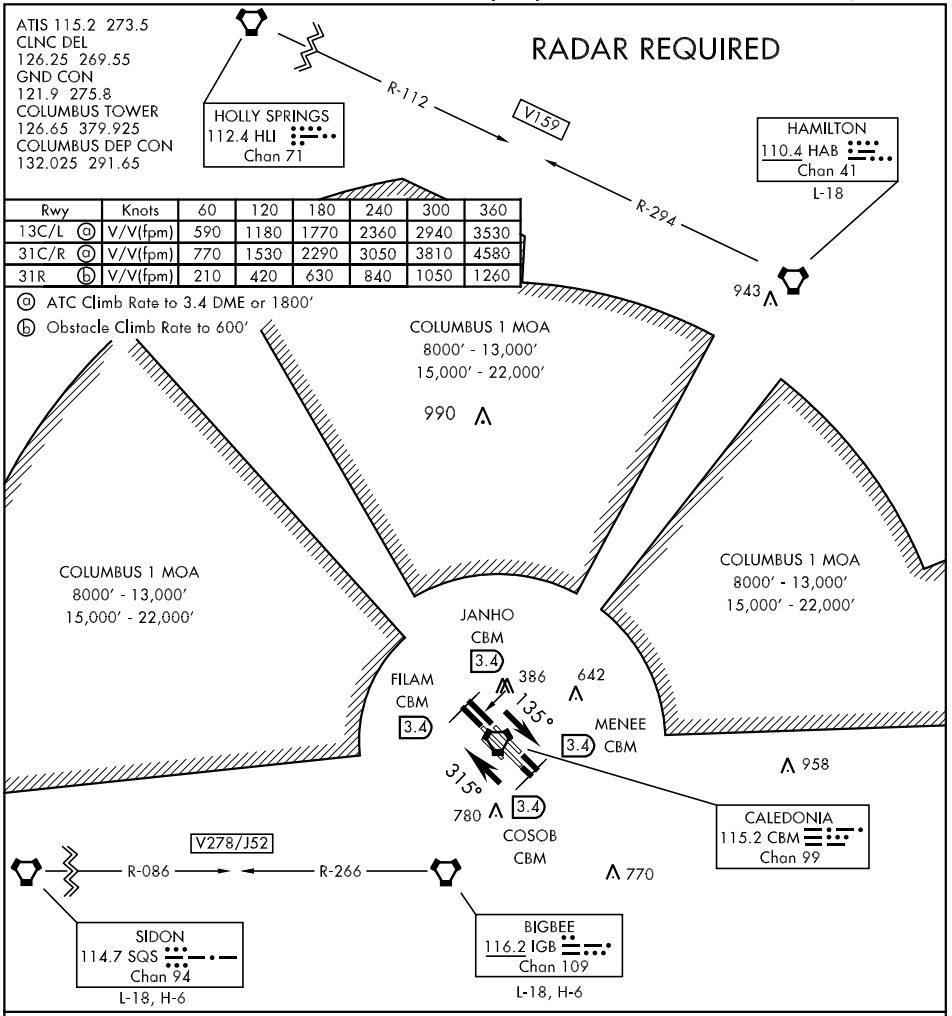
CATEGORY	A	B	C	D
LNAV MDA	840-1	575 (600-1)	840-1½ 575 (600-1½)	840-1¾ 575 (600-1¾)
CIRCLING	840-1	575 (600-1)	840-1½ 575 (600-1½)	1040-2½ 775 (800-2½)

REIL Rwy 23
MIRL Rwy 5-23 L

SC-4, 17 DEC 2009 to 14 JAN 2010



SC-4, 17 DEC 2009 to 14 JAN 2010



Rwy	Knots	60	120	180	240	300	360
13C/L ⓒ	V/V(fpm)	590	1180	1770	2360	2940	3530
31C/R ⓒ	V/V(fpm)	770	1530	2290	3050	3810	4580
31R ⓑ	V/V(fpm)	210	420	630	840	1050	1260

DEPARTURE ROUTE DESCRIPTION

NOTE: Rwy 13/31C departure will be towards a raised MA-1A barrier 110′ into the overrun approximately 4′ high.

TAKE-OFF RWY 13C: Cross DER at least 35′ AGL. Climb on track 135° to intercept CBM R-138, direct COSOB (CBM R-138/3.4 DME). Cross COSOB at or above 1800′, then via ATC instructions.

TAKE-OFF RWY 13L: Cross DER at least 35′ AGL. Climb on track 135° to intercept CBM R-132, direct MENEE (CBM R-132/3.4DME). Cross MENEE at or above 1800′, then via ATC instructions.

TAKE-OFF RWY 31C: Cross DER at least 35′ AGL. Climb on track 315° to intercept CBM R-312, direct FILAM (CBM R-312/3.4 DME). Cross FILAM at or above 1800′, then via ATC instructions.

TAKE-OFF RWY 31R: Cross DER at least 35′ AGL. Climb on track 315° to intercept CBM R-318, direct JANHO (CBM R-318/3.4 DME). Cross JANHO at or above 1800′, then via ATC instructions.

HI-ILS or LOC/DME RWY 13C

LOC I-CBM	APCH CRS	Rwy ldg 12,004 / TDZE 197 / Arpt Elev 218
109.3	135°	

JAL-91 [USAF]

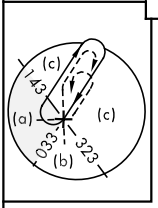
COLUMBUS AFB (KCBM)

* When ALS inop increase CAT C vis to 1½, CAT D vis to 1¾, CAT E vis to 2 miles.

ALSF-1

MISSED APPROACH: Track heading 135° to intercept the CBM R-136 outbound to SNAEK (CBM R-136/20) and hold. Maintain 4000.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

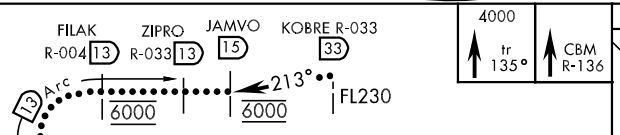


** CAUTION: Runway centerlines separated by 1450 ft.

Max holding alt FL240
Max holding 265 KIAS

CBM 33
033°
213°
R-033
(IAF)
KOBRE
CBM 33
919
WOLOV
CBM 23
R-004
LR-324
R-315
663
812
CBM 13 Arc
JAMVO
CBM 15
FILAK
CBM 13
315°
PLACD
CBM 13
685
135°
R-033
ZIPRO
CBM 13
2325
GAITR
748
CBM 5.8
/RADAR
LOCALIZER 109.3
I-CBM
Localizer signal usable to 20 DME.
RADAR AND DME REQUIRED
CALEDONIA
115.2 CBM
Chan 99
032°
(43)
BIGBEE
670
770
SNAEK
CBM
20
/RADAR
Max holding 265 KIAS
Max holding alt 7000
136°
316°
25
R-136
20 NM
EMERG SAFE ALT 100 NM 3700

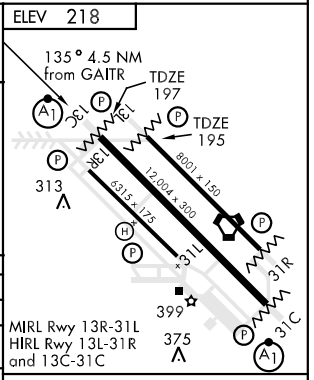
M.S.A CBM 25 NM
150°
3400
060°
2200



4000
tr 135°

CBM R-136

ELEV 218



CATEGORY	C	D	E
S-ILS 13C	397/40 200 (200-¾)		
S-LOC 13C *	740/50 543 (600-1)	740/60 543 (600-1¼)	740-1½ 543 (600-1½)
** SIDE STEP 13L	740-1½ 545 (600-1½)	740-1¾ 545 (600-1¾)	740-2 545 (600-2)
CIRCLING	840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

LOC FAF to MAP 4.0 NM

Knots	120	140	160	180	200
Min:Sec	2:00	1:43	1:30	1:20	1:12

33° 39′ N-88° 27′ W

HI-ILS or LOC/DME RWY 13C

HI-ILS or LOC/DME RWY 31C

LOC I-TBB	APCH CRS	Rwy ldg / TDZE / Arpt Elev
108.7	315°	12,004 / 214 / 218

JAL-91 [USAF]

COLUMBUS AFB (KCBM)

* When ALS inop increase CAT CD RVR to 60 and vis to 1¼, CAT E vis to 1½ .

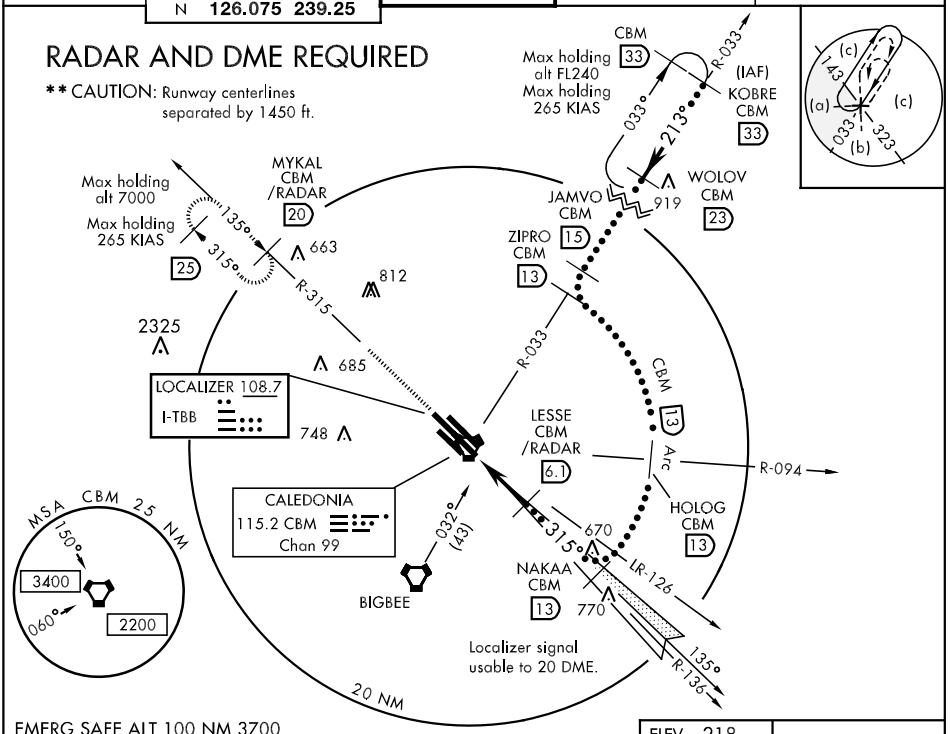
ALSF-1

MISSED APPROACH: Track heading 315° to intercept the CBM R-315 outbound to MYKAL (CBM R-315/20) and hold. Maintain 4000.

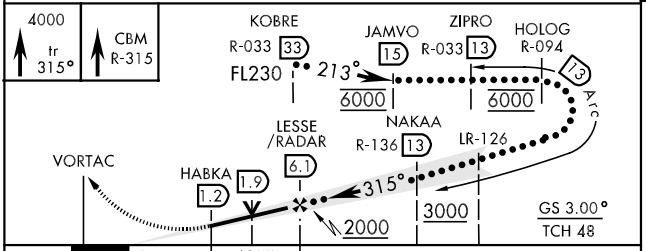
ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

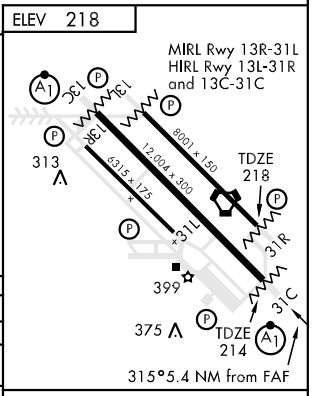
RADAR AND DME REQUIRED

** CAUTION: Runway centerlines separated by 1450 ft.



EMERG SAFE ALT 100 NM 3700





CATEGORY	C	D	E
S-ILS 31C	414/40	200 (200-¾)	
S-LOC 31C*	640/40 426 (500-¾)		640/50 426 (500-1)
SIDE STEP 31R**	640/60 422 (500-1¼)		640-1½ 422 (500-1½)
CIRCLING	840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

FAF to MAP 4.9 NM

Knots	120	140	160	180	200
Min:Sec	2:27	2:06	1:50	1:38	1:28

33°39'N-88°27'W

HI-ILS or LOC/DME RWY 31C

ILS or LOC/DME RWY 13C

COLUMBUS AFB (KCBM)

AL-91 [USAF]

LOC I-CBM	APCH CRS	Rwy ldg 12,004 / TDZE 197 / Arpt Elev 218
109.3	135°	

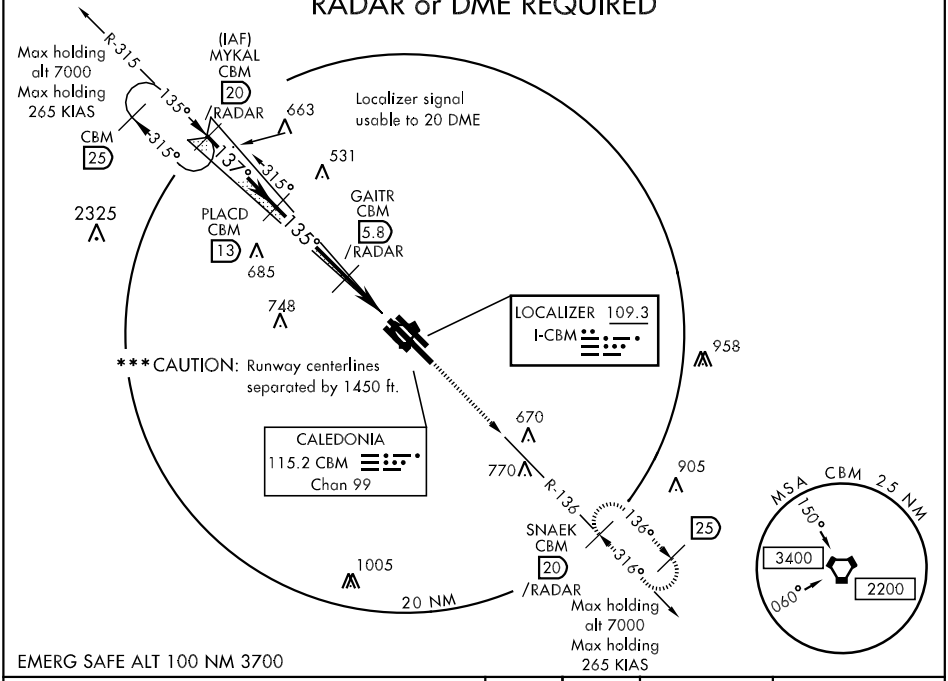
▼*When ALS inop, increase RVR to 40 and vis to ¾ mile.
**When ALS inop increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½, CAT D vis to 1¾, and CAT E vis to 2 miles.

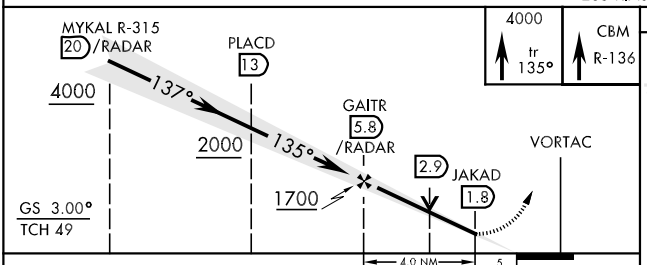
ALSF-1

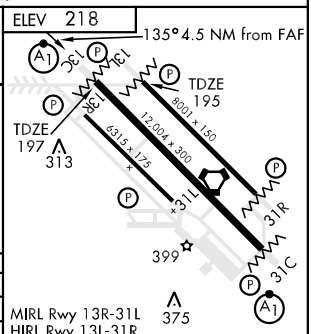
MISSED APPROACH: Track heading 135° to intercept the CBM R-136 outbound to SNAEK (CBM R-136/20) and hold. Maintain 4000.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

RADAR or DME REQUIRED







CATEGORY	A		B	C	D	E
S-ILS 13C *	397/24	200	(200-½)	397/40	200	(200-¾)
S-LOC 13C **	740/40	543	(600-¾)	740/50 543 (600-1)	740/60 543 (600-1¼)	740-1½ 543 (600-1½)
SIDESTEP *** RWY 13L	740/50	545	(600-1)	740-1½ 545 (600-1½)	740-1¾ 545 (600-1¾)	740-2 545 (600-2)
CIRCLING	840-1	622	(700-1)	840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

FAF to MAP 4.0 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

33°39′N-88°27′W

ILS or LOC/DME RWY 13C

ILS or LOC/DME RWY 31C

LOC I-TBB	APCH CRS	Rwy ldg 12,004 TDZE 214 Arpt Elev 218
108.7	315°	

AL-91 [USAF]

COLUMBUS AFB (KCBM)

▼* When ALS inop, incr CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, incr CAT AB RVR to 50 and vis to 1, CAT CD RVR to 60 and vis to 1¼, and CAT E vis to 1½ miles.

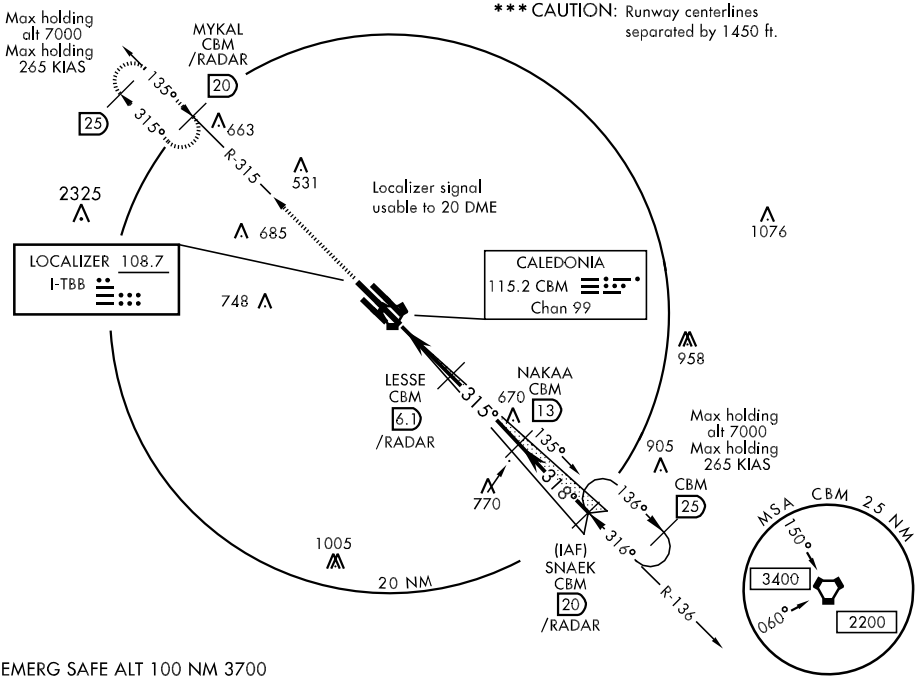
ALSF-1

MISSED APPROACH: Track heading 315° to intercept the CBM R-315 outbound to MYKAL (CBM R-315/20) and hold. Maintain 4000.

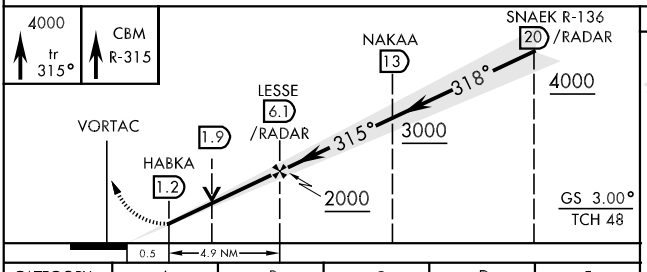
ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

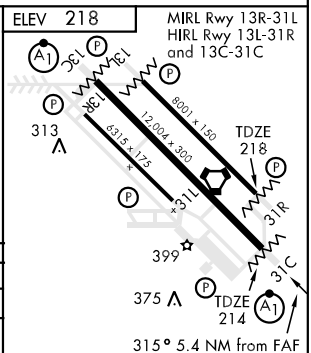
RADAR or DME REQUIRED

*** CAUTION: Runway centerlines separated by 1450 ft.



EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
S-ILS 31C *	414/24 200 (200-½)		414/40 200 (200-¾)		
S-LOC 31C**	640/24 426 (500-½)		640/40 426 (500-¾)		640/50 426 (500-1)
SIDESTEP *** RWY 31R	640/50 422 (500-1)		640/60 422 (500-1¼)		640-1½ 422 (500-1½)
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

33°39′N-88°27′W

ILS or LOC/DME RWY 31C

RNAV (GPS) E

APCH CRS	Rwy ldg	NA
090°	TDZE	NA
	Arpt Elev	218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 3000 direct JOLLI and hold or as directed by ATC.

ATIS	COLUMBUS APP CON		COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025	291.65	126.65 379.925	121.9 275.8	269.55
	SW 135.6	323.275			
	N 126.075	239.25			

FOR USE BY 14 FTW ACFT ONLY

2310

CALEDONIA
115.2 CBM
Chan 99

775

(IAF) GOMAZ

4000

2000 090° (5)

BABSE

2000 090° (8)

595

749

(FAF) JUPAD

GOVNE

630

5 NM

Max holding alt 7000
Max holding 265 KIAS

049°

229°

JOLLI

803

MSA CBM 2.5 NM
3400

EMERG SAFE ALT 100 NM 3700

RADAR REQUIRED

1005

ELEV 218

352

090° 6.0 NM from FAF

13C 13L 31R 31C 31L 13R

8001 x 150

12,004 x 300

6315 x 175

399

375

MIRL Rwy 13R-31L
HIRL 13L-31R and 13C-31C

3000

JOLLI

GOMAZ

4000

090°

BABSE

2000

JUPAD

2000

GOVNE

2

VORTAC

5.0 NM

1.0 NM

CATEGORY	A	B	C
LNAV/MDA	NOT AUTHORIZED		
CIRCLING	840-1¼ 622 (700-1¼)		840-1¾ 622 (700-1¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) F

APCH CRS	Rwy ldg	NA
359°	TDZE	NA
	Arpt Elev	218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 3000 direct JOLLI and hold.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

CALEDONIA
115.2 CBM
Chan 99

FOR USE BY 14 FTW ACFT ONLY

RADAR REQUIRED

748

605

HILUN

236°

649

RUDBE

630

5NM

Max holding alt 7000
Max holding 265 KIAS

039°

219°

JOLLI

(FAF)
WESIS

371

2000
359°
(8)

803

MSA CBM 25 NM
3400

585

CUDEN

1005

522

3000
359°
(5)

4000

(IAF)
BALDD

EMERG SAFE ALT 100 NM 3700

570

ELEV 218

352

399

375

13C
13L
31R
31L
31C
8001 x 150
12,004 x 300
6315 x 175

MIRL Rwy 13R-31L
HIRL 13L-31R
and 13C-31C

359°6.5 NM from FAF

3000 JOLLI

BALDD
4000
CUDEN
359°
3000
WESIS
2000
RUDBE
HILUN
1600
VORTAC

1.5 | 2.7 NM | 2.3 NM

CATEGORY	A	B	C
CIRCLING	840-1¾	622	(700-1¾)

RNAV (GPS) RWY 13C

APCH CRS	Rwy ldg	12,004
135°	TDZE	197
	Arpt Elev	218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

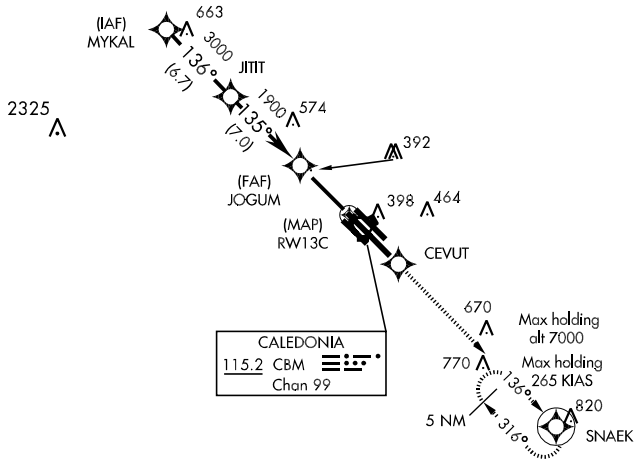
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.

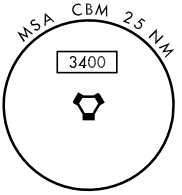
ALSF-1

MISSED APPROACH: Climb to 4000 direct CEVUT, direct SNAEK and hold as published.

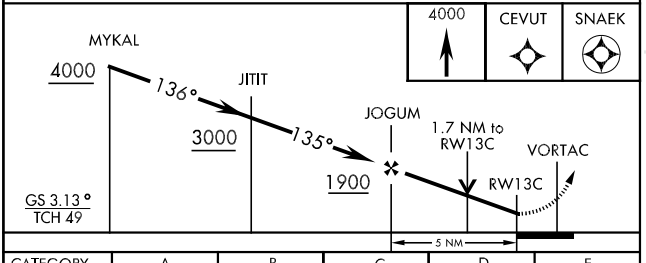
ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

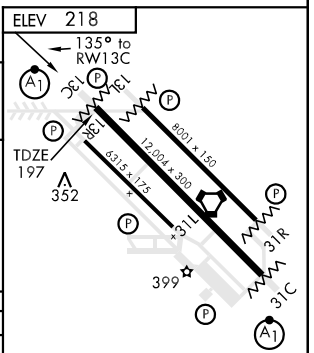
DME/DME RNP-0.3 NA





EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
LNAV MDA *	780/40 583 (600-¾)		780/50 583 (600-1)	780/60 583 (600-1¼)	780-1½ 583 (600-1½)
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

MIRL Rwy 13R-31L
HIRL Rwy 13L-31R and 13C-31C

RNAV (GPS) RWY 31C

APCH CRS	Rwy ldg	12,004
315°	TDZE	214
	Arpt Elev	218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

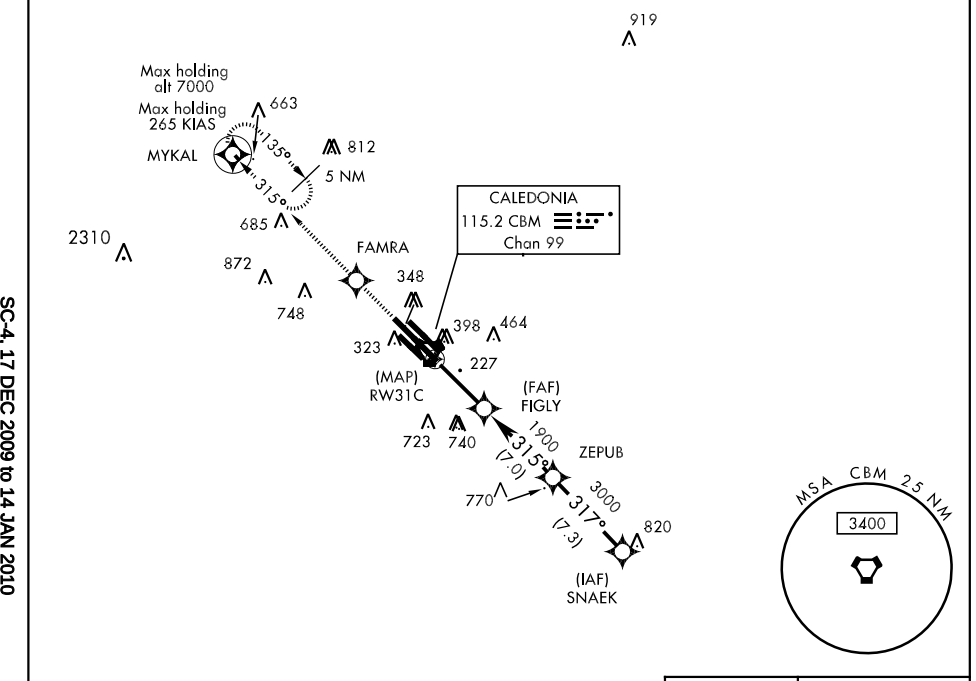
▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1, CAT C vis to 1½, CAT D vis to 1¾, and CAT E vis to 2 miles.

ALSF-1

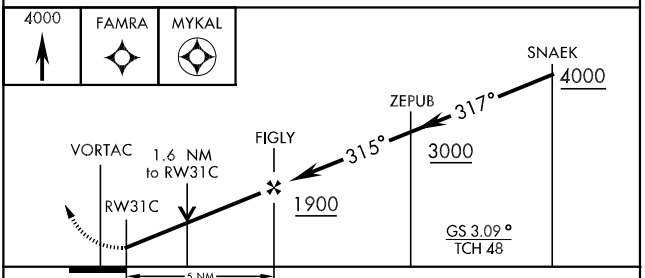
MISSED APPROACH: Climb to 4000 direct FAMRA, direct MYKAL and hold as published.

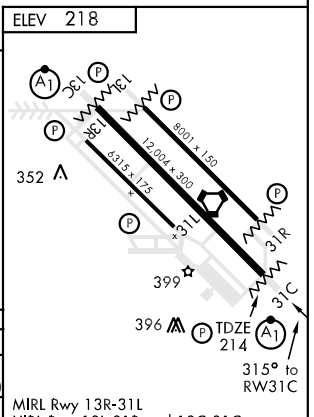
ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

DME/DME RNP-0.3 NA



EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
LNAV MDA *	780/24 566 (600-½)		780/50 566 (600-1)	780/60 566 (600-1¼)	780-1½ 566 (600-1½)
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

MIRL Rwy 13R-31L
HIRL Rwy 13L-31R and 13C-31C

VOR/DME A

VORTAC CBM 115.2 Chan 99	APCH CRS 090°	Rwy ldg NA TDZE NA Arpt Elev 218	AL-91 [USAF]	COLUMBUS AFB (KCBM)

MISSED APPROACH: Climbing right turn to 3000 direct JOLLI and hold or as directed by ATC.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

FOR USE BY 14 FTW ACFT ONLY

2310

CALEDONIA 115.2 CBM Chan 99

(IAF) GOMAZ CBM 20

775

BABSE CBM 15

JUPAD CBM 7

749

398

4000

R-270 090° 090°

270° Max holding alt 7000 Max holding 265 KIAS

CBM 25

TURUE

595

LR-262

3000

WODID

R-247

CBM 15 Arc

4000

10 NM

4000

(IAF) JOLLI CBM 15

803 776

044°

224°

R-224

Max holding alt 7000 Max holding 265 KIAS

CBM 20

MSA CBM 2.5 NM

150°

3400

060°

2200

RADAR REQUIRED

EMERG SAFE ALT 100 NM 3700

ELEV 218

352

090° 6 NM from FAF

8001 x 150

12,004 x 300

6315 x 175

31L

31R

399

375

31C

MIRL Rwy 13R-31L
HIRL Rwy 13L-31R and 13C-31C

3000

JOLLI CBM 15

JOLLI 15

WODID CBM R-247

TURUE CBM R-262

BABSE 15

JUPAD 7

4000 4000 3000 2000 090° 2000

Arc 15

GOVNE 2

VORTAC

5 NM 1 NM

CATEGORY	A	B	C
S-13R	NOT AUTHORIZED		
CIRCLING	840-1¼ 622 (700-1¼)		840-1¾ 622 (700-1¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME B

VORTAC CBM 115.2 Chan 99	APCH CRS 359°	Rwy Idg NA TDZE NA Arpt Elev 218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

MISSED APPROACH: Climbing left turn to 3000 direct JOLLI and hold.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55

FOR USE BY 14 FTW ACFT ONLY

CALEDONIA 115.2 CBM Chan 99

RUDBE CBM 4.7

WESIS CBM 7

10 NM

(IAF) JOLLI CBM 15 4000

Max holding alt 7000
Max holding 265 KIAS

R-224

R-205

LR 187

CUDEN CBM 15

WIBER CBM 15

WELTO CBM 15

CBM 20

MSA CBM 2.5 NM
150°
060°
3400
2200

(IAF) BALDD CBM 20 4000

Max holding alt 7000
Max holding 265 KIAS

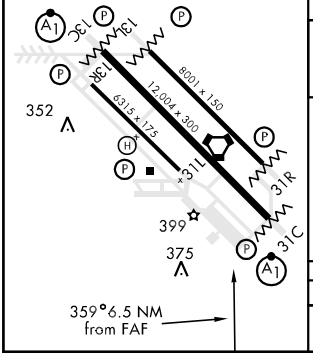
RADAR REQUIRED

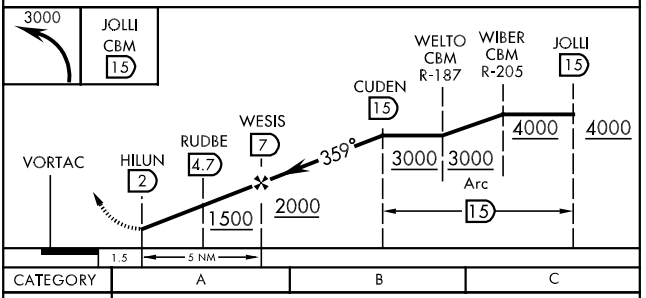
CBM 25

EMERG SAFE ALT 100 NM 3700

ELEV 218

MIRL Rwy 13R-31L
HIRL Rwy 13L-31R and 13C-31C





CATEGORY	A	B	C
CIRCLING	840-1¾	622	(700-1¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME or TACAN RWY 13C

VORTAC CBM	APCH CRS	Rwy ldg 12,004
115.2	133°	TDZE 197
Chan 99		Arpt Elev 218

AL-91 [USAF]

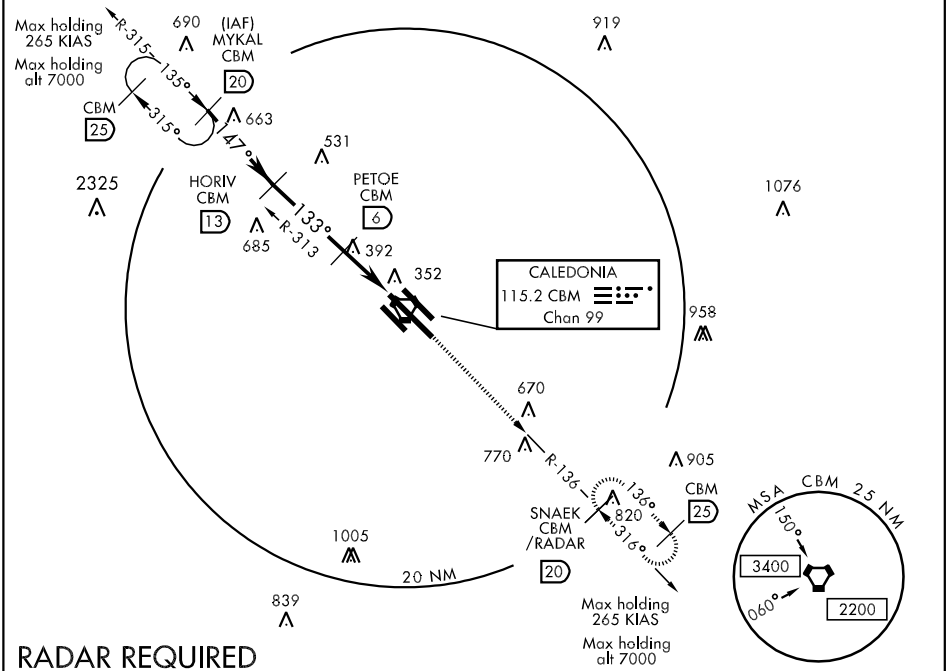
COLUMBUS AFB (KCBM)

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.

ALSF-1

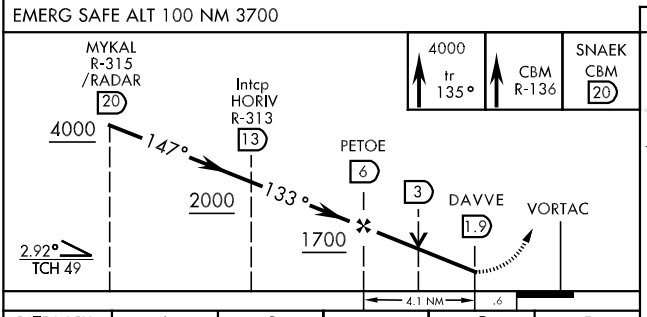
MISSED APPROACH: Track heading 135° to intercept the CBM R-136 outbound to SNAEK (CBM R-136/20) and hold. Maintain 4000.

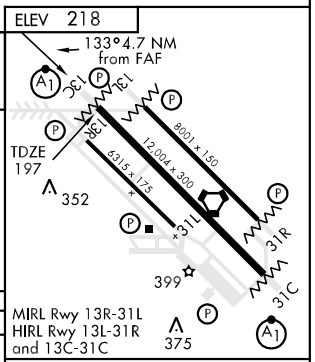
ATIS	COLUMBUS APP CON		COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025	291.65	126.65 379.925	121.9 275.8	269.55
	SW 135.6	323.275			
	N 126.075	239.25			



RADAR REQUIRED

EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
S-13C *	780/40	583 (600-¾)	780/50 583 (600-1)	780/60 583 (600-1¼)	780-1½ 583 (600-1½)
CIRCLING	840-1	622 (700-1)	840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180	200
Min:Sec	4:06	2:44	2:03	1:38	1:22	1:14

33°39′N-88°27′W

VOR/DME or TACAN RWY 13L

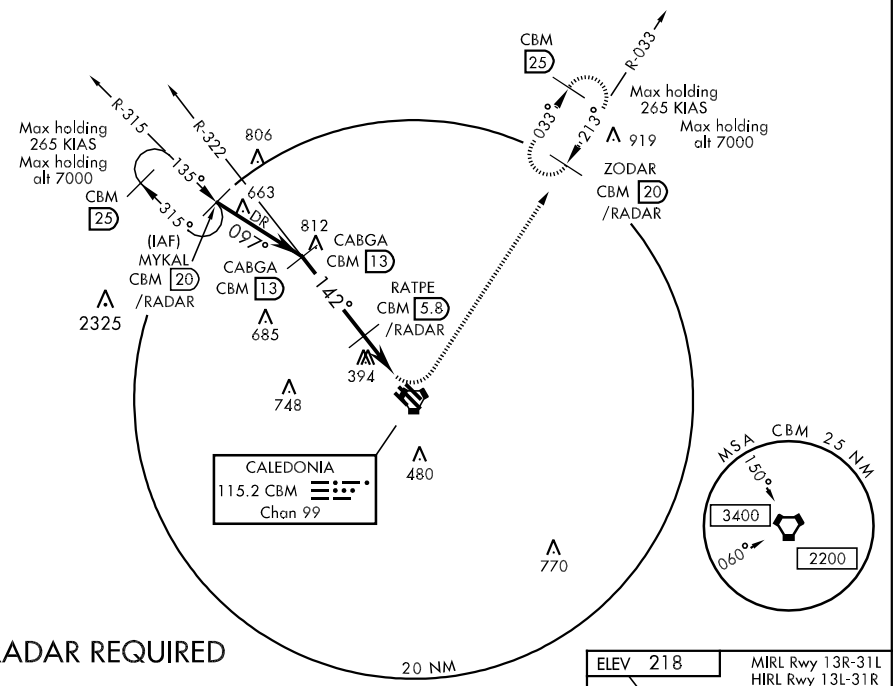
VORTAC CBM	APCH CRS	Rwy ldg 8001
115.2	142°	TDZE 195
Chan 99		Arpt Elev 218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

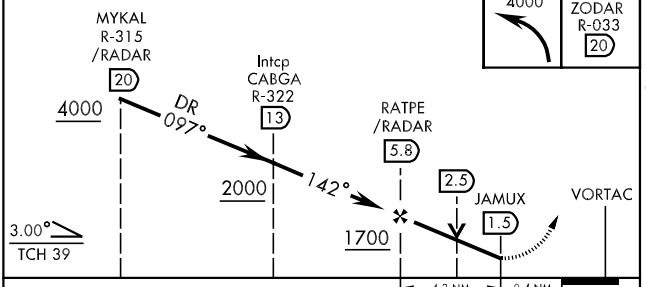
MISSED APPROACH: Climbing left turn to 4000 direct ZODAR and hold or as directed by ATC.

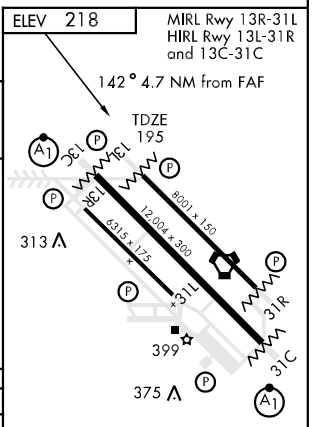
ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55



RADAR REQUIRED

EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
S-13L	700/50 505 (500-1)		700-1½ 505 (500- 1½)		700-1¾ 505 (500-1¾)
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1081 (1100-3)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

VOR/DME or TACAN RWY 31C

VORTAC CBM	APCH CRS	Rwy ldg	12,004
115.2	317°	TDZE	214
Chan 99		Arpt Elev	218

AL-91 [USAF]

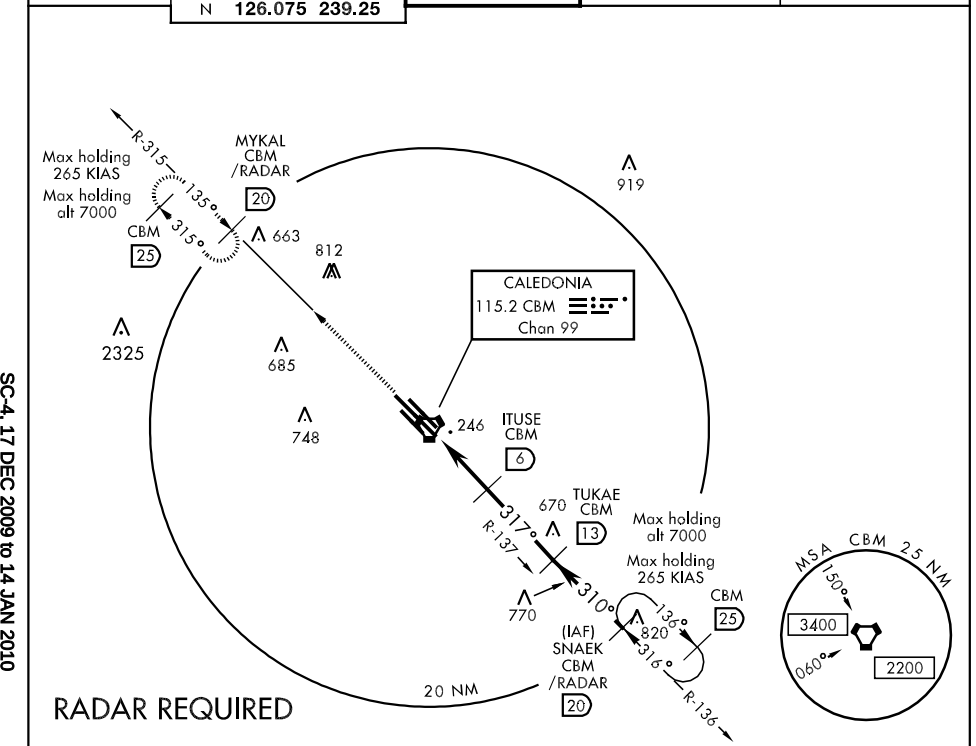
COLUMBUS AFB (KCBM)

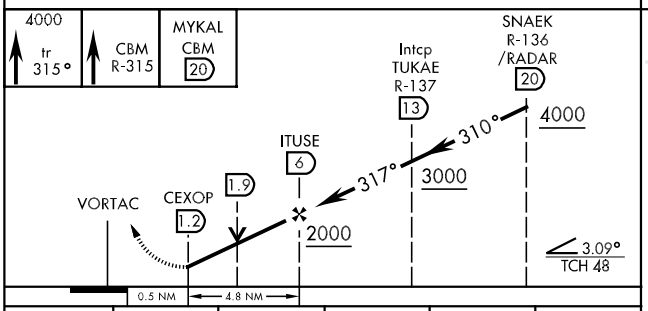
* When ALS inop, increase CAT AB RVR to 50 and vis to 1, CAT C RVR to 60 and vis to 1¼, CAT DE vis to 1½ miles.

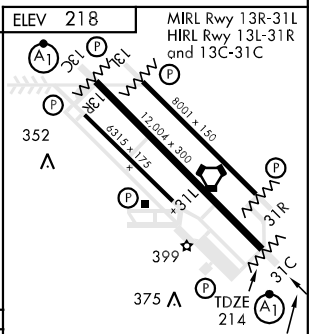
ALSF-1

MISSED APPROACH: Track heading 315° to intercept the CBM R-315 outbound to MYKAL (CBM R-315/20) and hold. Maintain 4000.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55







CATEGORY	A	B	C	D	E
S-31C *	660/24 446 (500-½)		660/40 446 (500-¾)	660/50 446 (500-1)	
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1082 (1100-3)

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

33°39'N-88°27'W

VOR/DME or TACAN RWY 31R

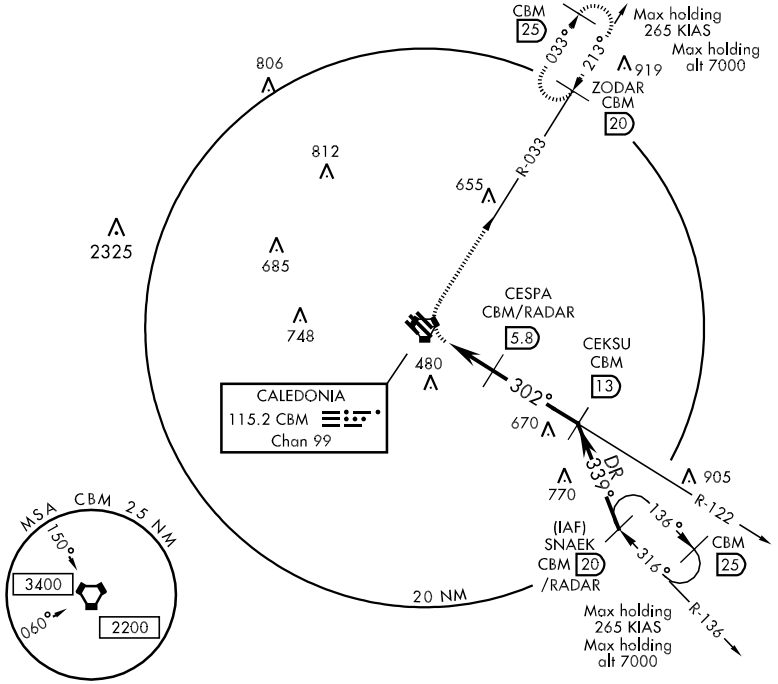
VORTAC CBM 115.2 Chan 99	APCH CRS 302°	Rwy ldg 8001 TDZE 218 Arpt Elev 218

AL-91 [USAF]

COLUMBUS AFB (KCBM)

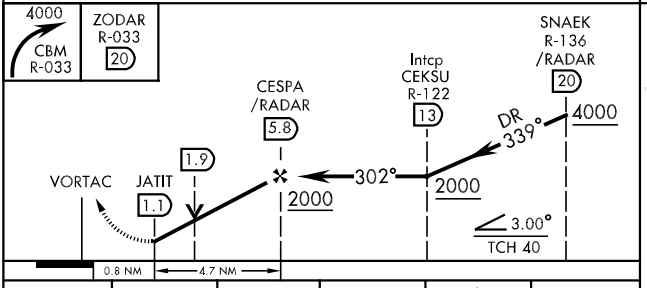
MISSED APPROACH: Climbing right turn to 4000. Intercept CBM R-033 direct ZODAR and hold or as directed by ATC.

ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL
115.2 273.5	SE 132.025 291.65 SW 135.6 323.275 N 126.075 239.25	126.65 379.925	121.9 275.8	269.55



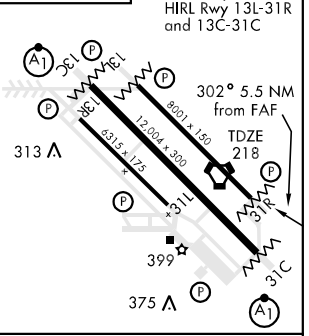
RADAR REQUIRED

EMERG SAFE ALT 100 NM 3700



ELEV 218

MIRL Rwy 13R-31L
HIRL Rwy 13L-31R and 13C-31C



CATEGORY	A	B	C	D	E
S-31R	780/50 562 (600-1)		780-1½ 562 (600-1½)	780-1¾ 562 (600-1¾)	780-2 562 (600-2)
CIRCLING	840-1 622 (700-1)		840-1¾ 622 (700-1¾)	840-2 622 (700-2)	1300-3 1081 (1100-3)

FAF to MAP 4.7 NM

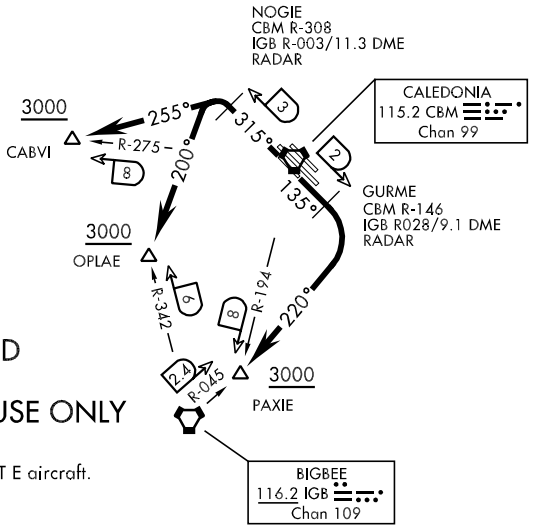
Knots	60	90	120	150	180	200
Min:Sec	4:42	3:08	2:21	1:53	1:34	1:25

ATIS 115.2 273.5
CLNC DEL
126.25 269.55
GND CON
121.9 275.8
COLUMBUS TOWER
126.65 379.925
COLUMBUS DEP CON
132.025 291.65

978

Rwy		Knots	60	120	180	240	300	360
13R	ⓐ	V/V(fpm)	340	680	1010	1350	1680	2020
31L	ⓑ	V/V(fpm)	400	800	1200	1600	2000	2400

ATC Climb Rate
ⓐ to PAXIE or 3000
ⓑ to CABVI / OPLAE or 3000



L-18, H-6

RADAR REQUIRED

14 FTW AIRCRAFT USE ONLY

Procedure not authorized for CAT E aircraft.

Rwy 13R: Do not exceed 220 KIAS until PAXIE
Rwy 31L: Do not exceed 220 KIAS until CABVI / OPLAE

SC-4, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION (BIGBEE)

TAKE-OFF RWY 13R: Cross DER at least 35′ AGL/229 MSL. Climb on track 135° to GURME (IGB VORTAC R-028/9.1 DME) then turn right heading 220° to PAXIE (IGB R-045/2.4 DME). Cross PAXIE at or above 3000, then via assigned route or ATC instructions.

TAKE-OFF RWY 31L: Cross DER at least 35′ AGL/225 MSL. Climb on track 315° to NOGIE (IGB VORTAC R-003/11.3 DME) then turn left heading 200° to OPLAE (IGB R-342/6 DME). Cross OPLAE at or above 3000, then via assigned route or ATC instructions..

DEPARTURE ROUTE DESCRIPTION (CALEDONIA)

TAKE-OFF RWY 13R: Cross DER at least 35′ AGL/229 MSL. Climb on track 135° to GURME (CBM VORTAC R-146/2 DME) then turn right heading 220° to PAXIE (CBM R-194/8 DME). Cross PAXIE at or above 3000, then via assigned route or ATC instructions.

TAKE-OFF RWY 31L: Cross DER at least 35′ AGL/225 MSL. Climb on track 315° to NOGIE (CBM VORTAC R-308/3 DME) then turn left heading 255° to CABVI (CBM R-275/8 DME). Cross CABVI at or above 3000, then via assigned route or ATC instructions..

VORTAC IGB 116.2 Chan 109	APP CRS 097°	Rwy Idg N/A TDZE N/A Apt Elev 188

VOR or GPS-A

COLUMBUS-LOWNDES COUNTY (UBS)

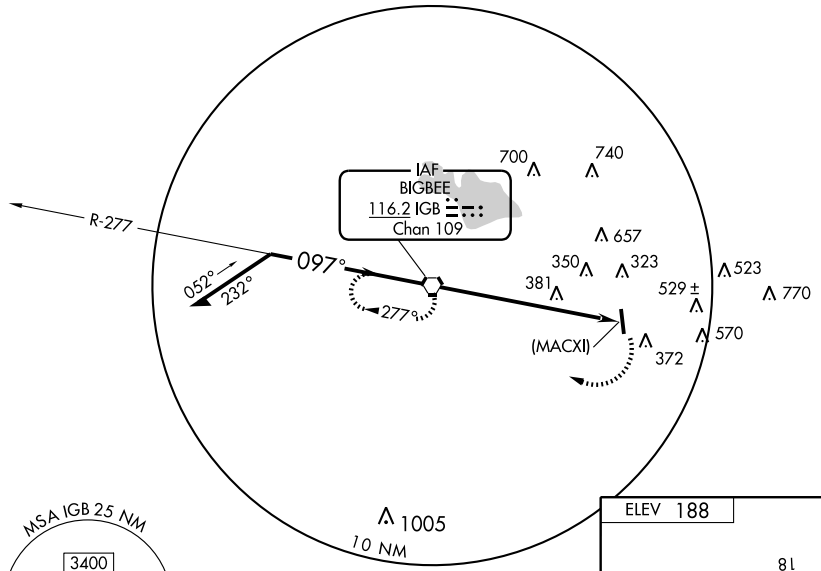
Use Columbus AFB altimeter setting.

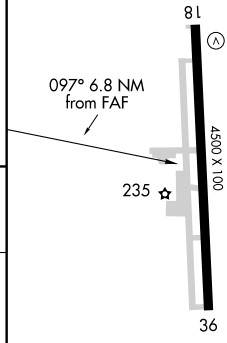
NA

MISSED APPROACH: Climbing right turn to 2000 direct IGB VORTAC and hold.

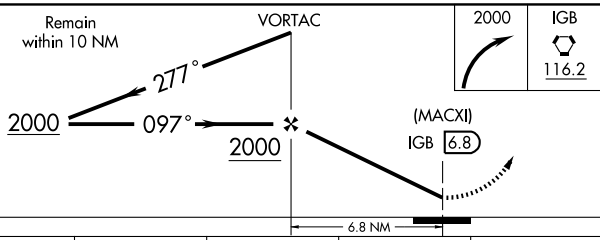
COLUMBUS APP CON ★
135.6 323.275

UNICOM
122.8 (CTAF) L





MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
CIRCLING	720-1 532 (600-1)		840-1¾ 652 (700-1¾)	840-2 652 (700-2)

FAF to MAP 6.8 NM

Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

SC-4, 17 DEC 2009 to 14 JAN 2010

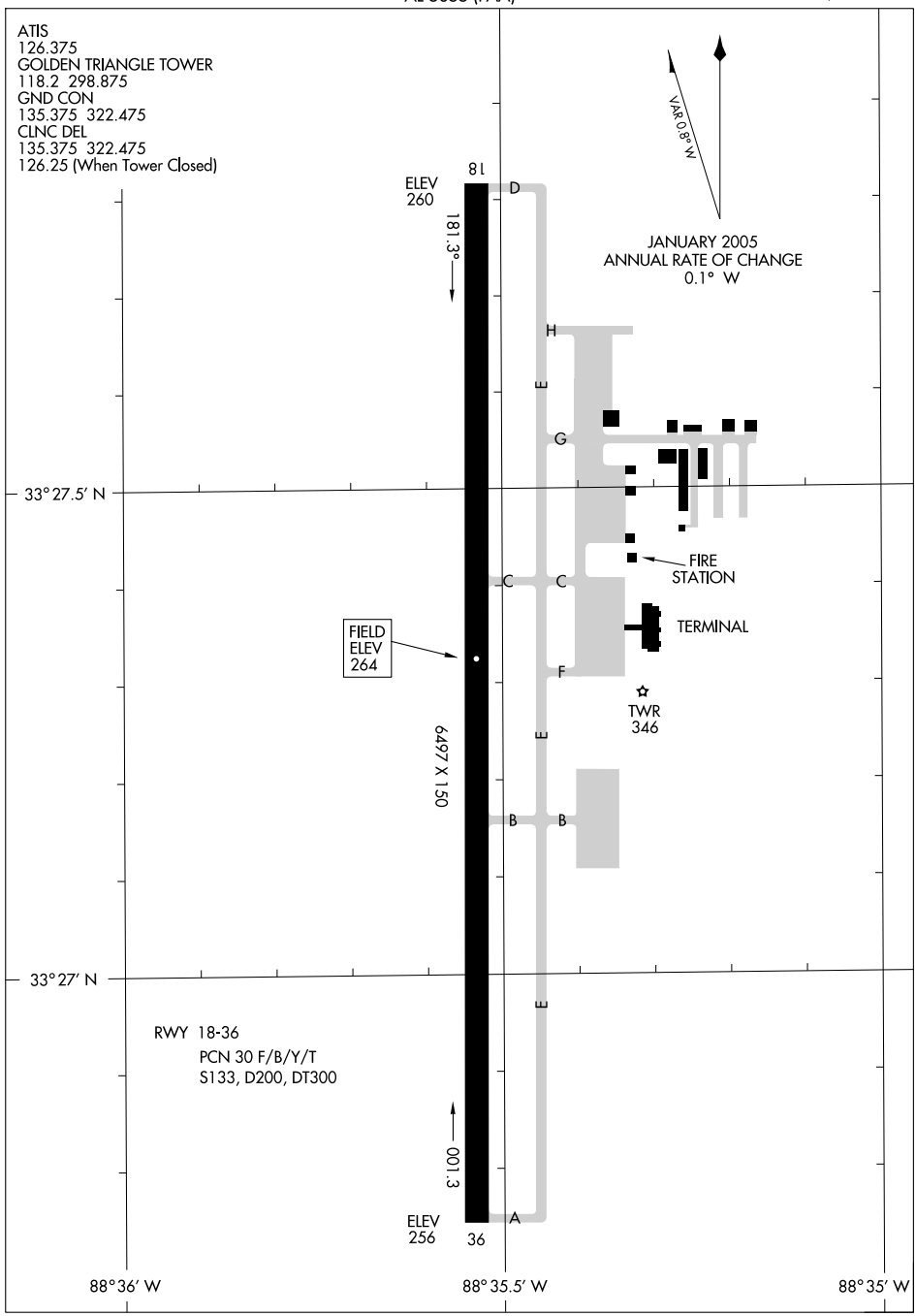
09183

AIRPORT DIAGRAM

AL-5855 (FAA)

COLUMBUS/GOLDEN TRIANGLE RGNL (GTR)

COLUMBUS-WESTPOINT-STARKVILLE, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-GTR	APP CRS	Rwy Idg	6497
110.7	179°	TDZE	264
		Apt Elev	264

ILS or LOC RWY 18

COLUMBUS/ GOLDEN TRIANGLE RGNL (GTR)

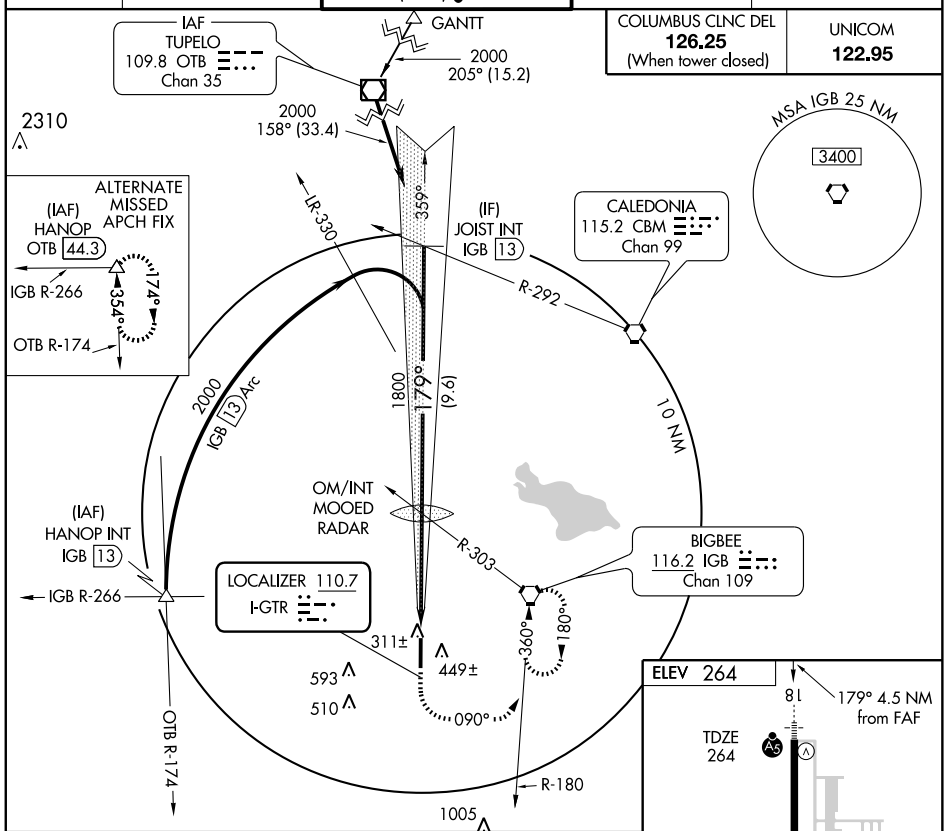
If local altimeter setting not received, use Tupelo Rgnl altimeter setting and increase DA to 590 feet and all MDAs 140 feet.

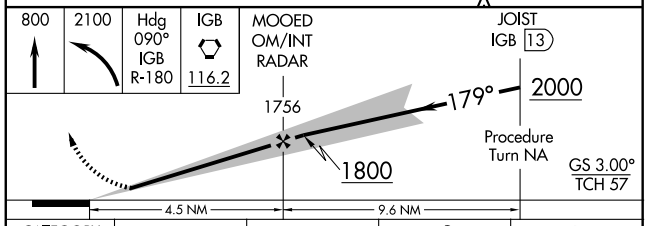
MALSR

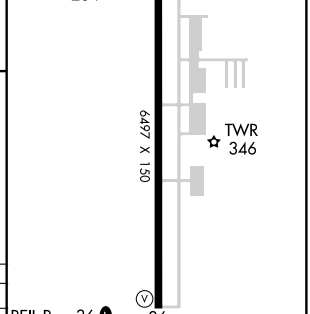
MISSED APPROACH: Climb to 800 then climbing left turn to 2100 via Heading 090° and IGB R-180 to IGB VORTAC and hold.

ATIS	COLUMBUS APP CON ★	GOLDEN TRIANGLE TOWER ★	GND CON	CLNC DEL
126.375	135.6 323.275	118.2 (CTAF) L 298.875	135.375 322.475	135.375 322.475

COLUMBUS CLNC DEL 126.25 (When tower closed) | UNICOM 122.95







CATEGORY	A	B	C	D
S-ILS 18	464-½ 200 (200-½)			
S-LOC 18	640-½ 376 (400-½)			640-¾ 376 (400-¾)
CIRCLING	760-1 496 (500-1)		760-1½ 496 (500-1½)	820-2 556 (600-2)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 63203 W18A	APP CRS 179°	Rwy Idg 6497 TDZE 264 Apt Elev 264

RNAV (GPS) RWY 18

COLUMBUS/ GOLDEN TRIANGLE RGNL (GTR)

For inoperative MALSR, increase LNAV Cat D visibility to 1¼. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP -0.3 NA.

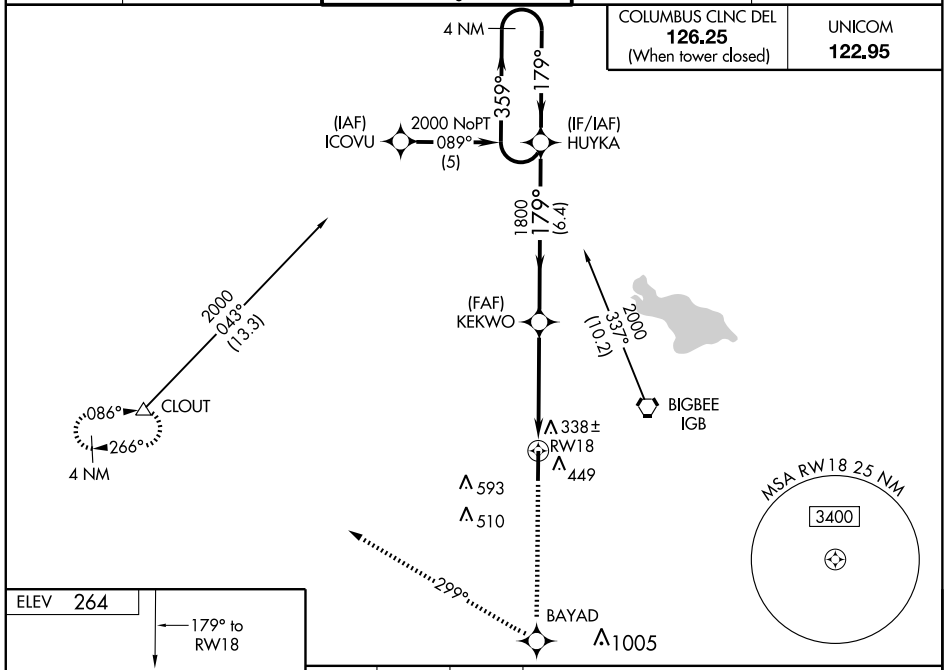
Baro-VNAV and VDP NA when using Tupelo Rgnl altimeter setting. When local altimeter setting not received, use Tupelo Regional altimeter setting and increase all DA/MDA 140 feet; LPV visibility ¼ mile all Cats, LNAV/VNAV visibility ½ mile all Cats, LNAV Cat C visibility ½ mile, LNAV Cat D visibility ¼ mile and Circling Cat C and D visibility ¼ mile. For inoperative MALSR, when using Tupelo Rgnl altimeter setting, increase LPV all Cats visibility to 1¼ mile.

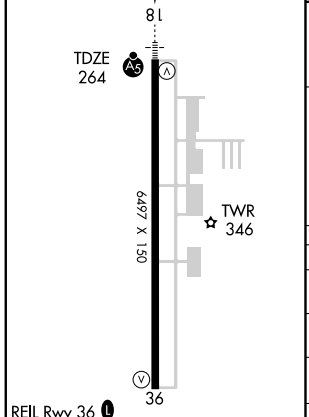
MALSR

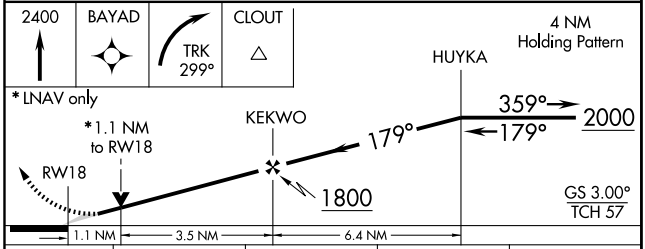
MISSED APPROACH: Climb to 2400 direct BAYAD and right turn via 299° track to CLOUT and hold.

ATIS	COLUMBUS APP CON★	GOLDEN TRIANGLE TOWER★	GND CON	CLNC DEL
126.375	135.6 323.275	118.2 (CTAF) L 298.875	135.375 322.475	135.375 322.475

COLUMBUS CLNC DEL	UNICOM
126.25 (When tower closed)	122.95







CATEGORY	A	B	C	D
LPV DA	514-½ 250 (300-½)			
LNAV/ VNAV DA	667-1 403 (500-1)			
LNAV MDA	660-½ 396 (400-½)			660-1 396 (400-1)
CIRCLING	760-1 496 (500-1)		760-1½ 496 (500-1½)	820-2 556 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 99600 W36A	APP CRS 359°	Rwy Idg 6497 TDZE 264 Apt Elev 264

RNAV (GPS) RWY 36

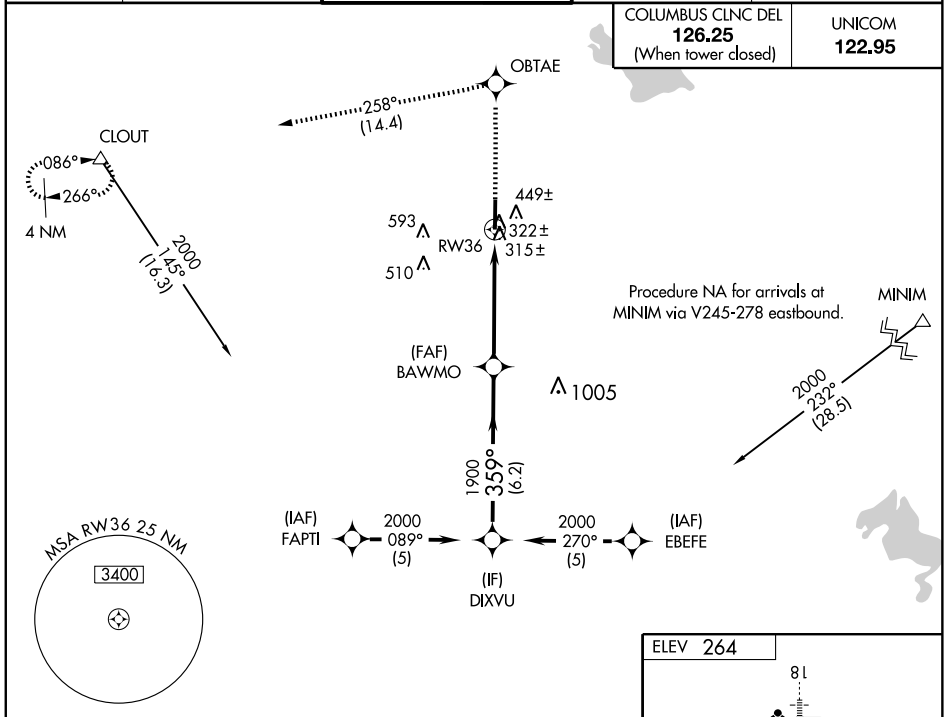
COLUMBUS/ GOLDEN TRIANGLE RGNL (GTR)

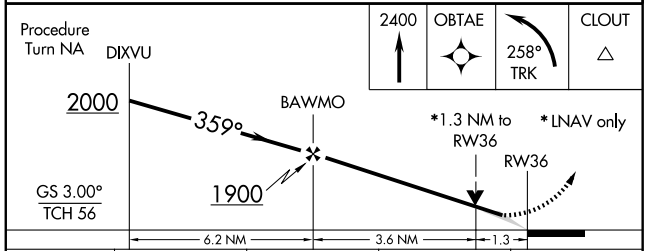
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Columbus AFB altimeter setting and increase all DAs/MDAs 40 feet. Baro-VNAV and VDP NA when using Columbus AFB altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F).

MISSED APPROACH: Climb to 2400 direct OBTAE and left turn via 258° track to CLOUT and hold.

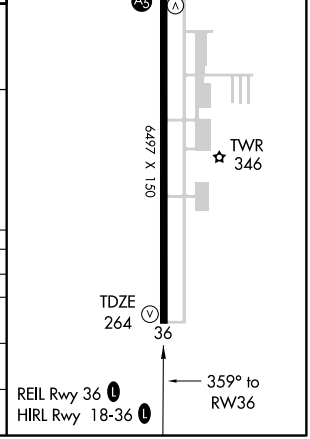
ATIS	COLUMBUS APP CON★	GOLDEN TRIANGLE TOWER★	GND CON	CLNC DEL
126.375	135.6 323.275	118.2 (CTAF) L 298.875	135.375 322.475	135.375 322.475

COLUMBUS CLNC DEL 126.25 (When tower closed) | UNICOM 122.95





CATEGORY	A	B	C	D
LPV DA	518-¾ 254 (300-¾)			
LNAV/ VNAV DA	616-1¼ 352 (400-1¼)			
LNAV MDA	720-1 456 (500-1)		720-1¼ 456 (500-1¼)	720-1½ 456 (500-1½)
CIRCLING	800-1¼ 536 (600-1¼)		800-1½ 536 (600-1½)	820-2 556 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-UUR	APP CRS	Rwy Idg	6500
111.1	176°	TDZE	414
		Apt Elev	425

ILS or LOC RWY 18

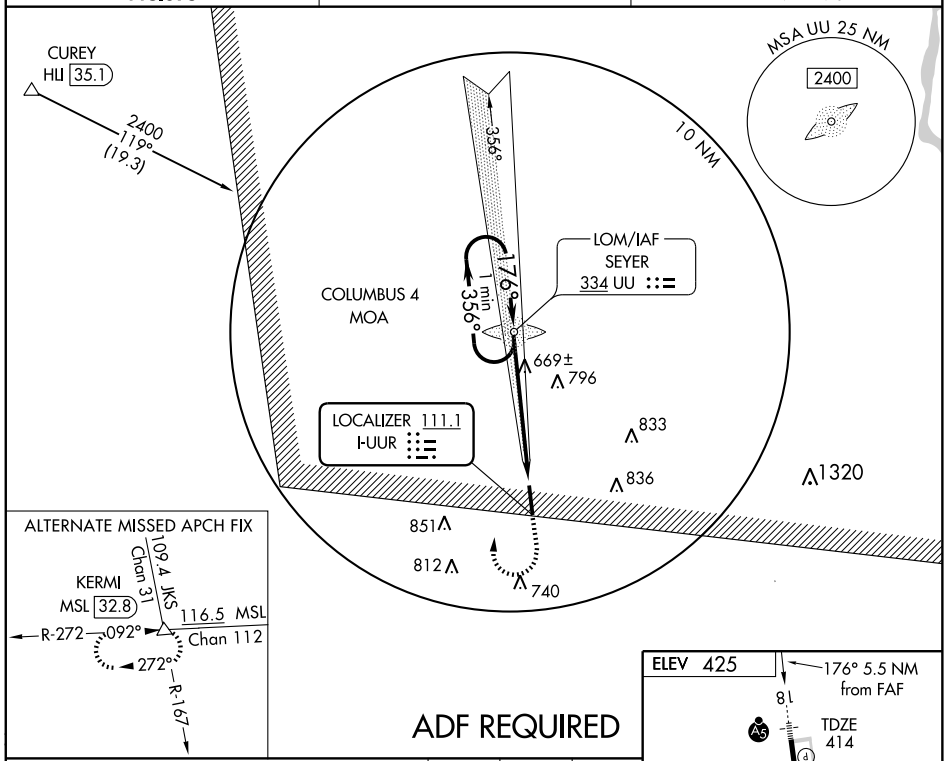
CORINTH/ROSCOE TURNER (CRX)

When local altimeter setting not received, use Selmer altimeter setting and increase S-ILS 18 DA to 682, and all MDAs 80 feet; increase S-LOC 18 Cat D visibility ¼ mile. For inoperative MALSR when using Selmer altimeter setting increase S-ILS 18 all Cats visibility to 1 mile. ADF required.

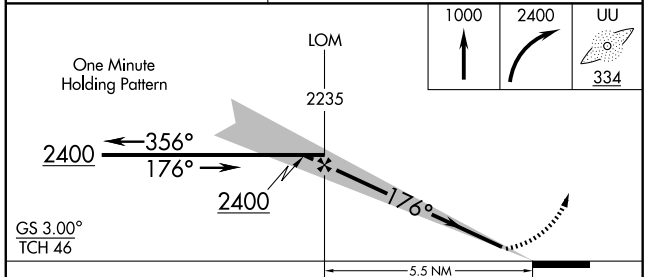
MALSR

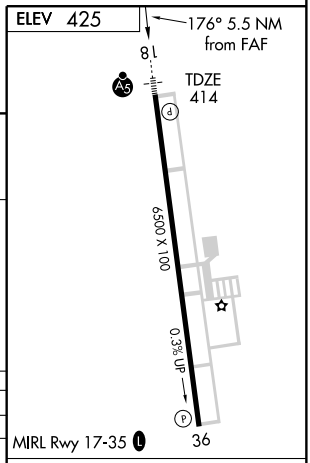
MISSED APPROACH: Climb to 1000 then climbing right turn to 2400 direct UU LOM and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.675	135.9 273.55	122.8 (CTAF)



ADF REQUIRED





CATEGORY	A	B	C	D
S-ILS 18	614-½ 200 (200-½)			
S-LOC 18	920-½ 506 (500-½)		920-1 506 (500-1)	
CIRCLING	920-1 495 (500-1)		920-1½ 495 (500-1½)	980-2 555 (600-2)

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6500
Chan 72806	176°	TDZE	414
W18A		Apt Elev	425

RNAV (GPS) RWY 18

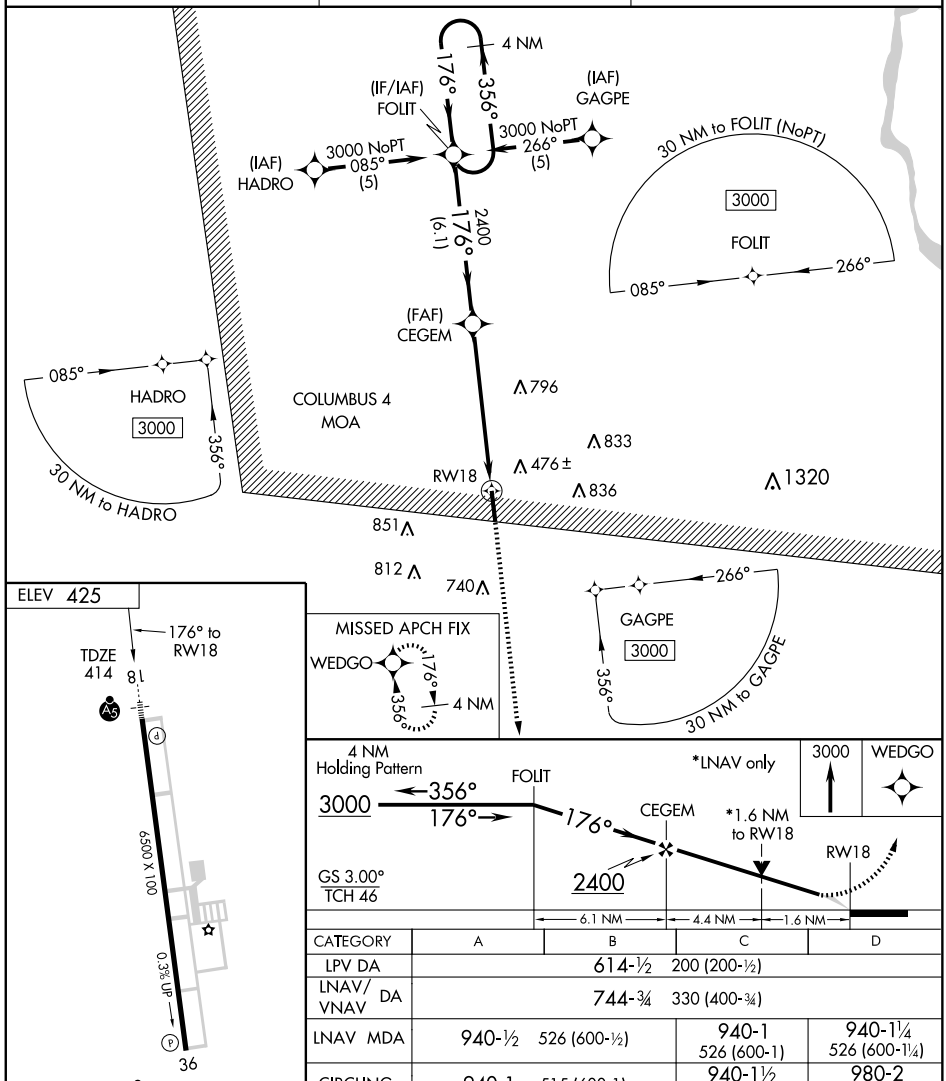
CORINTH/ROSCOE TURNER (CRX)

BARO-VNAV NA when using Selmer altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP NA when using Selmer altimeter setting. When local altimeter setting not received, use Selmer altimeter setting and increase LPV DA to 682, LNAV/VNAV DA to 812, and all MDAs 80 feet; increase LNAV/VNAV all Cats, LNAV Cat C and D, and circling Cat C visibilities ¼ mile. For inoperative MALSR when using Selmer altimeter setting increase LPV visibilities to 1 mile all Cats.

MALSR

MISSED APPROACH: Climb to 3000 direct WEDGO and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.675	135.9 273.55	122.8 (CTAF) L



MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
LPV DA		614-½	200 (200-½)	
LNAV/VNAV DA		744-¾	330 (400-¾)	
LNAV MDA	940-½	526 (600-½)	940-1 526 (600-1)	940-1¼ 526 (600-1¼)
CIRCLING	940-1	515 (600-1)	940-1½ 515 (600-1½)	980-2 555 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6500
356°	TDZE	425
	Apt Elev	425

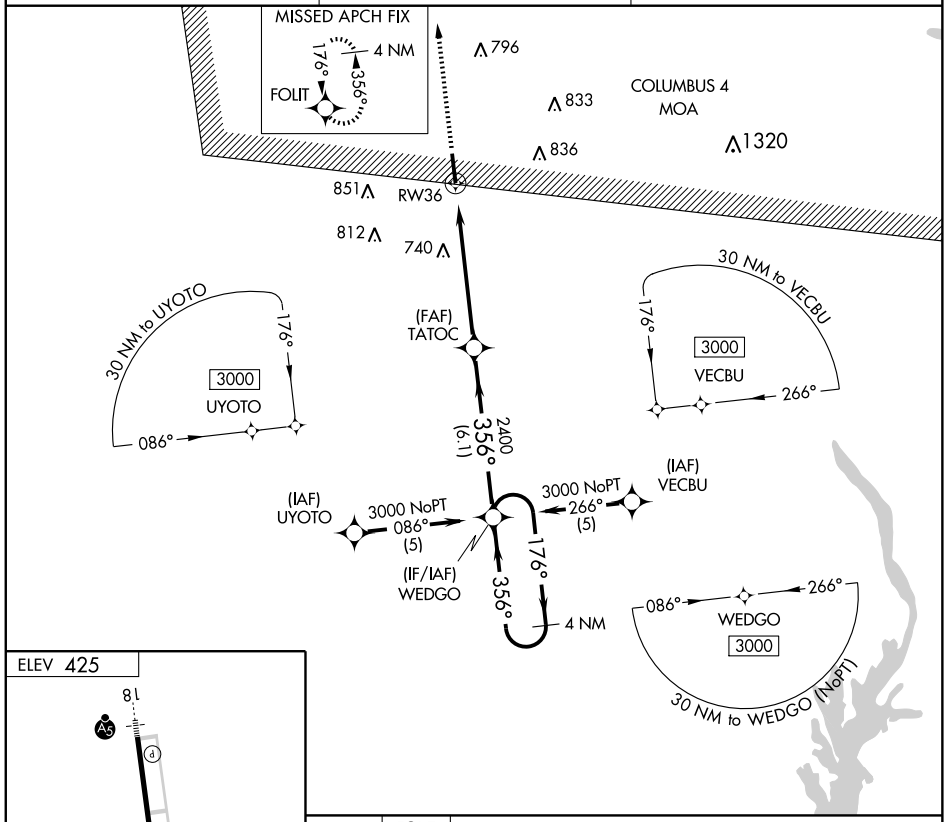
RNAV (GPS) RWY 36

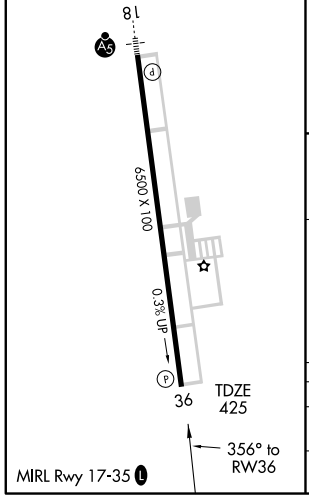
CORINTH/ROSCOE TURNER (CRX)

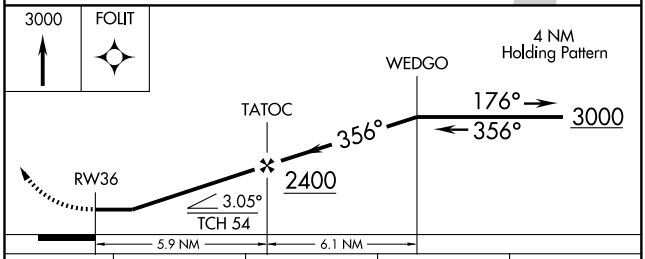
When VGSI inoperative, straight-in/circling Rwy 36 procedure NA at night. Visibility reduction by helicopters NA. When local altimeter setting not received, use Selmer altimeter setting and increase all MDAs 80 feet; increase all Cat C and D visibilities ¼ mile. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct FOLIT and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.675	135.9 273.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1040-1	615 (700-1)	1040-1¾ 615 (700-1¾)	1040-2 615 (700-2)
CIRCLING	1040-1	615 (700-1)	1040-1¾ 615 (700-1¾)	1040-2 615 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC SQS	APP CRS	Rwy Idg	N/A
114.7	324°	TDZE	N/A
Chan 94		Apt Elev	137

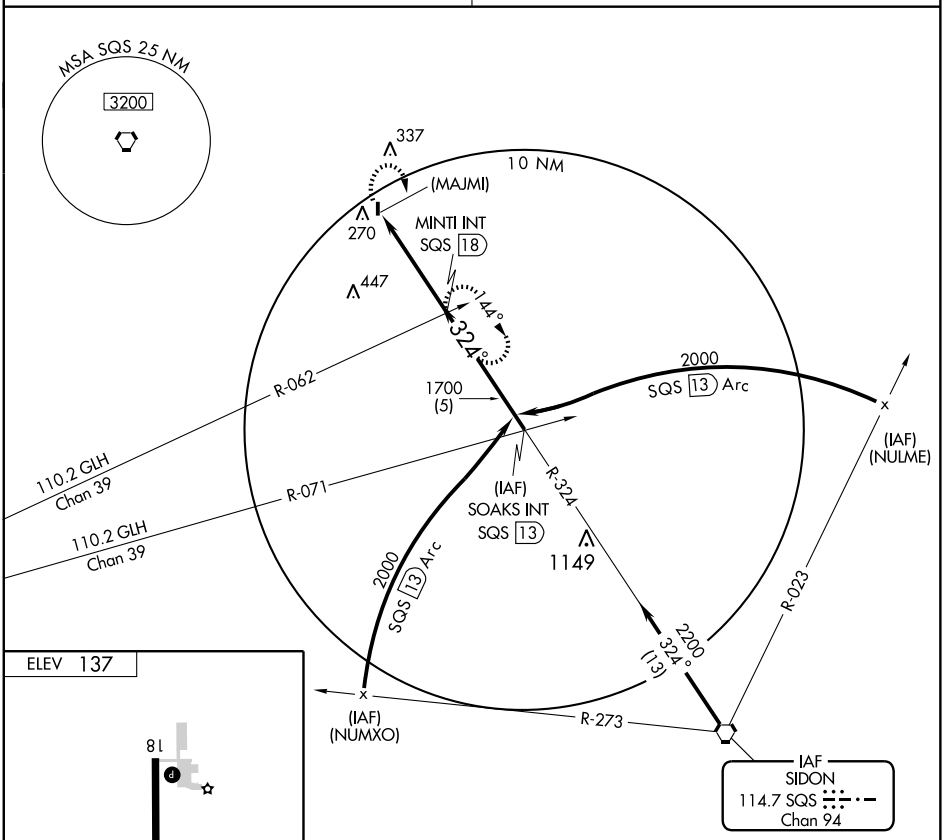
VOR or GPS-A

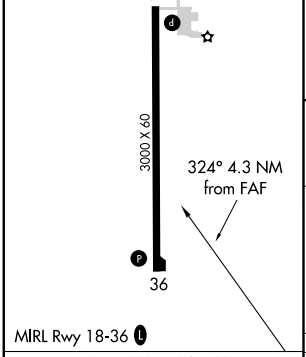
DREW/ RULEVILLE-DREW (M37)

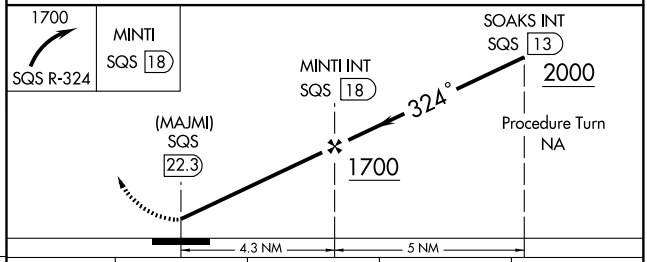
NA Use Greenwood altimeter setting.

MISSED APPROACH: Climbing right turn to 1700 via SQS R-324 to MINTI Int and hold.

MEMPHIS CENTER	CTAF
135.875 269.35	122.9 L







FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

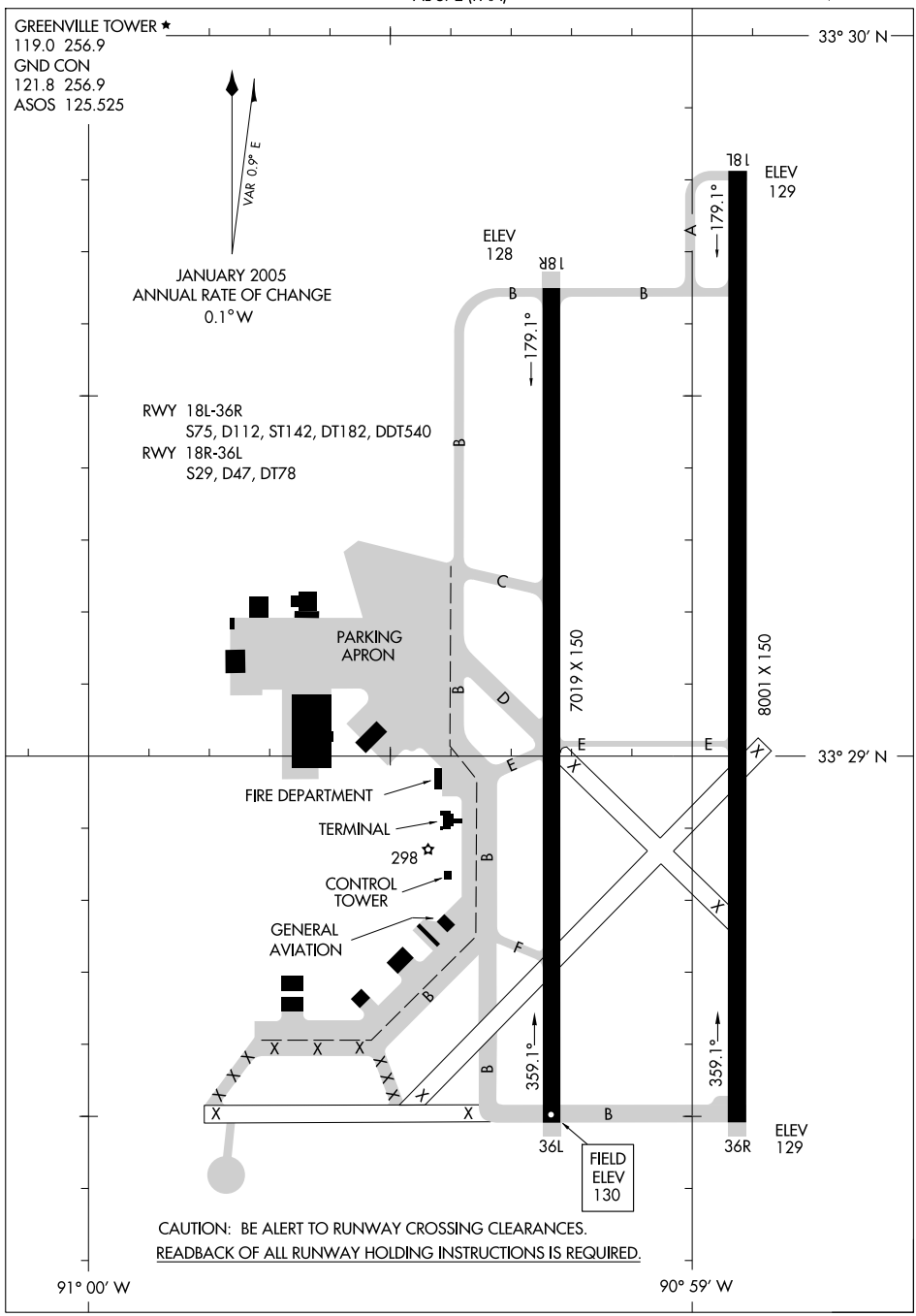
CATEGORY	A	B	C	D
CIRCLING	740-1 603 (700-1)	740-1¼ 603 (700-1¼)	740-1¾ 603 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-572 (FAA)

GREENVILLE/MID DELTA RGNL (GLH)
GREENVILLE, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-GLH	APP CRS	Rwy Idg	8001
109.1	177°	TDZE	129
		Apt Elev	131

ILS OR LOC RWY 18L

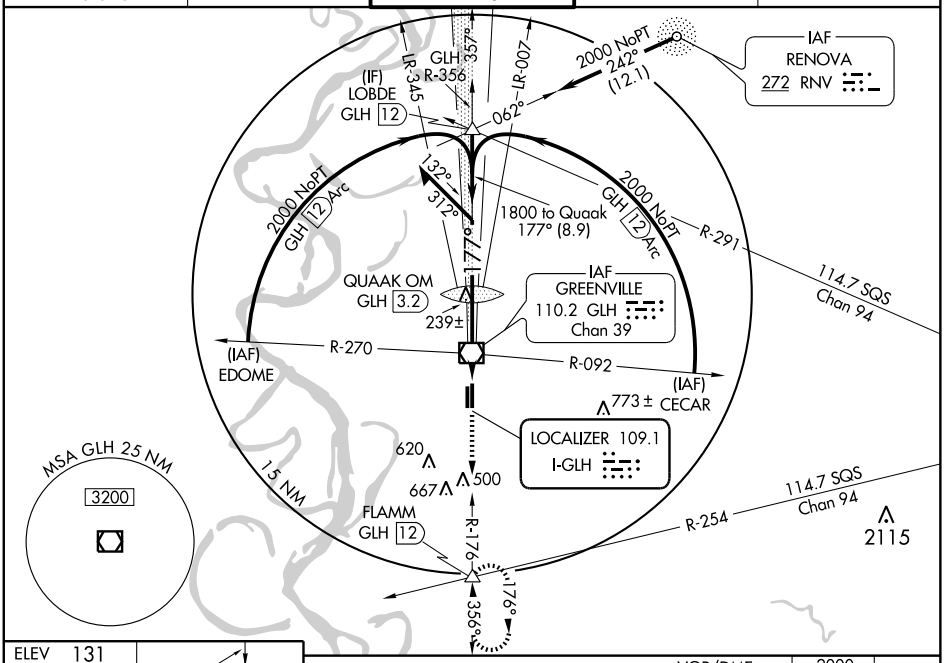
GREENVILLE/MID DELTA RGNL (GLH)

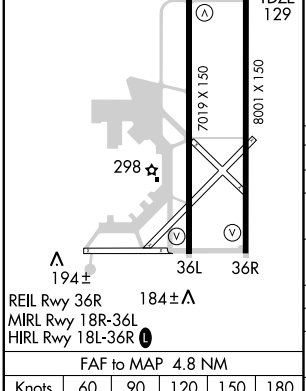
When control tower closed, except for operators with approved weather reporting service, use Greenwood altimeter setting.
DME or FM required for LOC Minimums.
Greenwood Altimeter Setting Minimums: Inoperative table does not apply.
S-ILS and S-LOC visibility increase ½ mile for inoperative MALSR.

MALSR

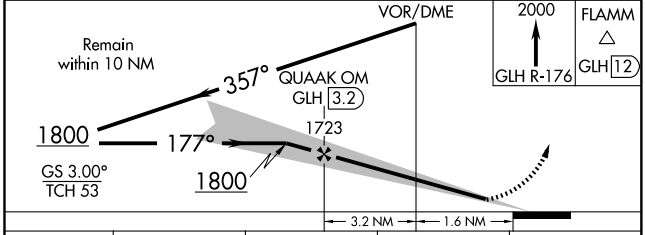
MISSED APPROACH: Climb to 2000 via GLH R-176 to FLAMM Int/ GLH 12 DME and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95





FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-ILS 18L	329-½ 200 (200-½)			
S-LOC 18L	500-½ 371 (400-½)			500- ¾ 371 (400-¾)
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)
GREENWOOD ALTIMETER SETTING MINIMUMS				
S-ILS 18L	529-¾ 400 (400-¾)			
S-LOC 18L	700-¾ 571 (600-¾)		700-1 571 (600-1)	700-1¼ 571 (600-1¼)
CIRCLING	800-1¼ 669 (700-1¼)		800-2 669 (700-2)	800-2¼ 669 (700-2¼)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8001
CH 97411	177°	TDZE	129
W18A		Apt Elev	131

RNAV (GPS) RWY 18L

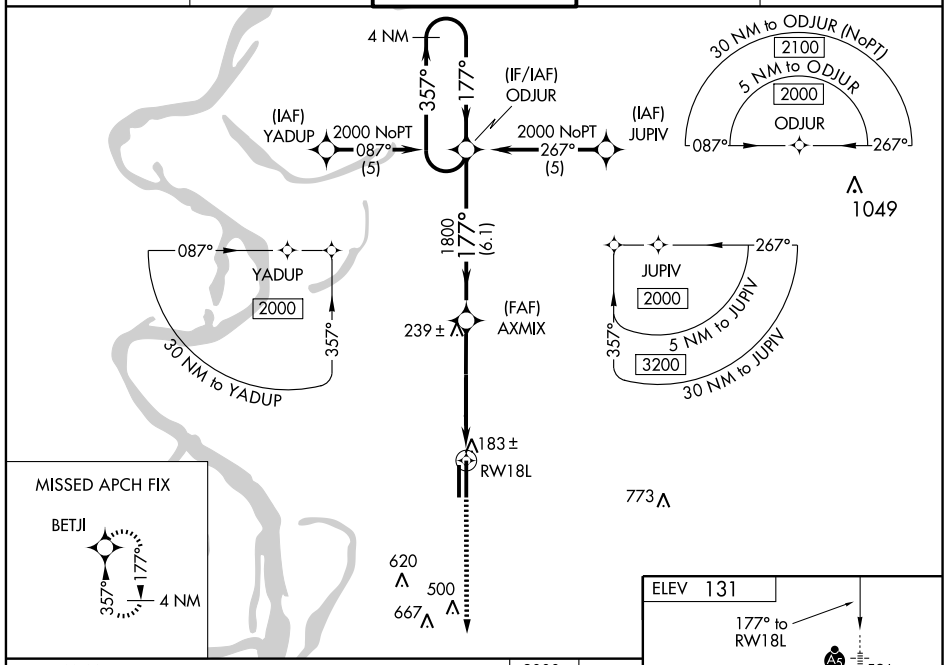
GREENVILLE/MID DELTA RGNL (GLH)

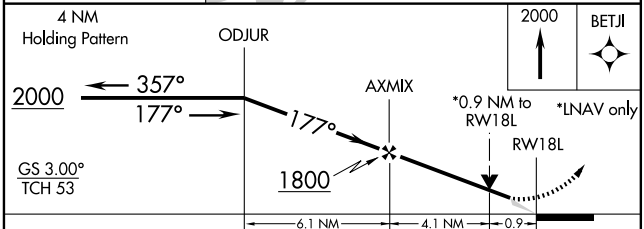
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Inoperative table does not apply to LNAV Cat D. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Greenwood altimeter setting and increase LPV DA to 438, LNAV/VNAV DA to 548, increase all MDA 120 feet, increase LNAV/VNAV Cats A, B, and C visibility ½ mile, Cat D visibility ¼ mile, increase LNAV Cat C visibility ¼ mile, and increase Circling Cat D visibility ¼ mile. VDP and Baro-VNAV NA when using Greenwood altimeter setting. For inoperative MALSR, increase LNAV/VNAV visibility all Cats to 1 mile. When using Greenwood altimeter setting, for inoperative MALSR increase LPV visibility all Cats to 1 mile.

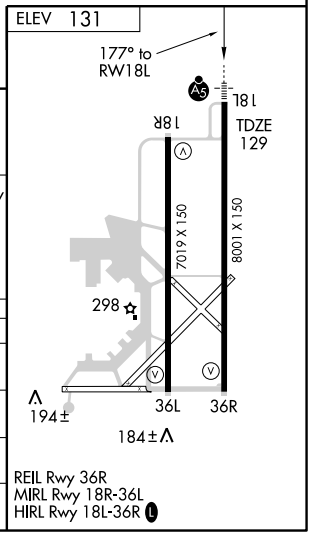
MALSR

MISSED APPROACH: Climb to 2000 direct BETJI and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95







REIL Rwy 36R
MIRL Rwy 18R-36L
HIRL Rwy 18L-36R L

CATEGORY	A	B	C	D
LPV DA	329-½ 200 (200-½)			
LNAV/VNAV DA	439-½ 310 (400-½)			439-¾ 310 (400-¾)
LNAV MDA	460-½ 331 (400-½)			460-1 331 (400-1)
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70411 W18B	APP CRS 177°	Rwy Idg 7019 TDZE 128 Apt Elev 131

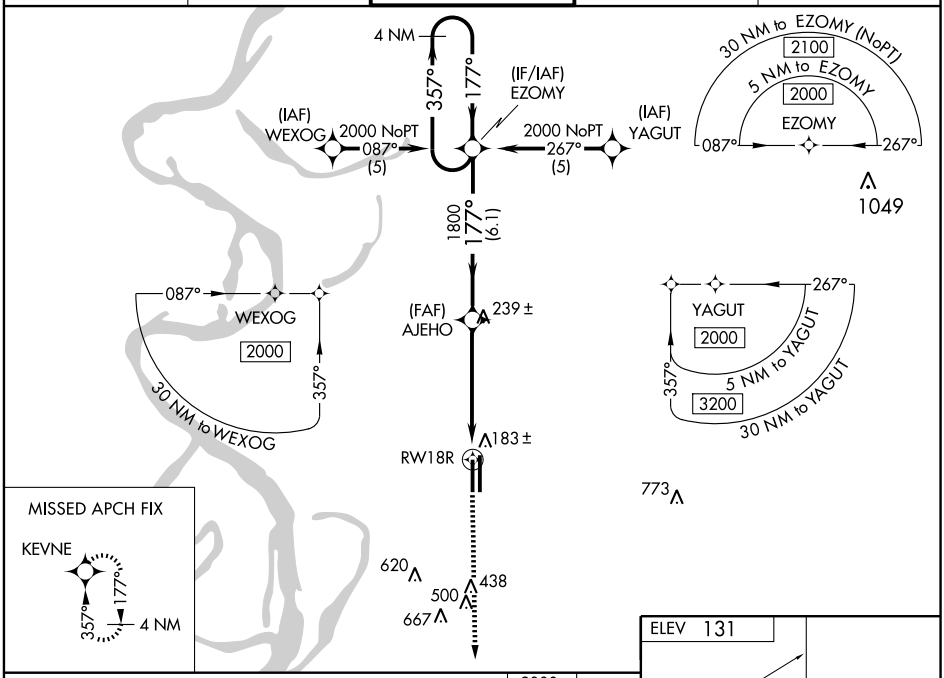
RNAV (GPS) RWY 18R

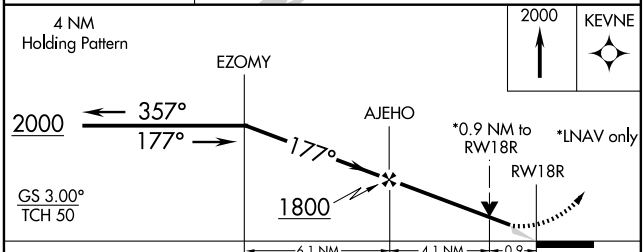
GREENVILLE/MID DELTA RGNL (GLH)

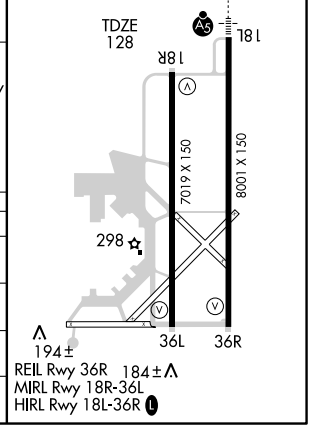
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Greenwood altimeter setting and increase LPV DA to 487, increase LNAV/VNAV DA to 555, increase all MDA 120 feet, increase LPV visibility all Cats ¼ mile, increase LNAV/VNAV visibility all Cats ½ mile, increase LNAV Cat C and D visibility ¼ mile, and increase Circling Cat D visibility ¼ mile. VDP and Baro-VNAV NA when using Greenwood altimeter setting.

MISSED APPROACH: Climb to 2000 direct KEVNE and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95







CATEGORY	A	B	C	D
LPV DA	378-1 250 (300-1)			
LNAV/VNAV DA	446-1 318 (400-1)			
LNAV MDA	480-1 352 (400-1)			480-1¼ 352 (400-1¼)
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7019
CH 77611	357°	TDZE	130
W36A		Apt Elev	131

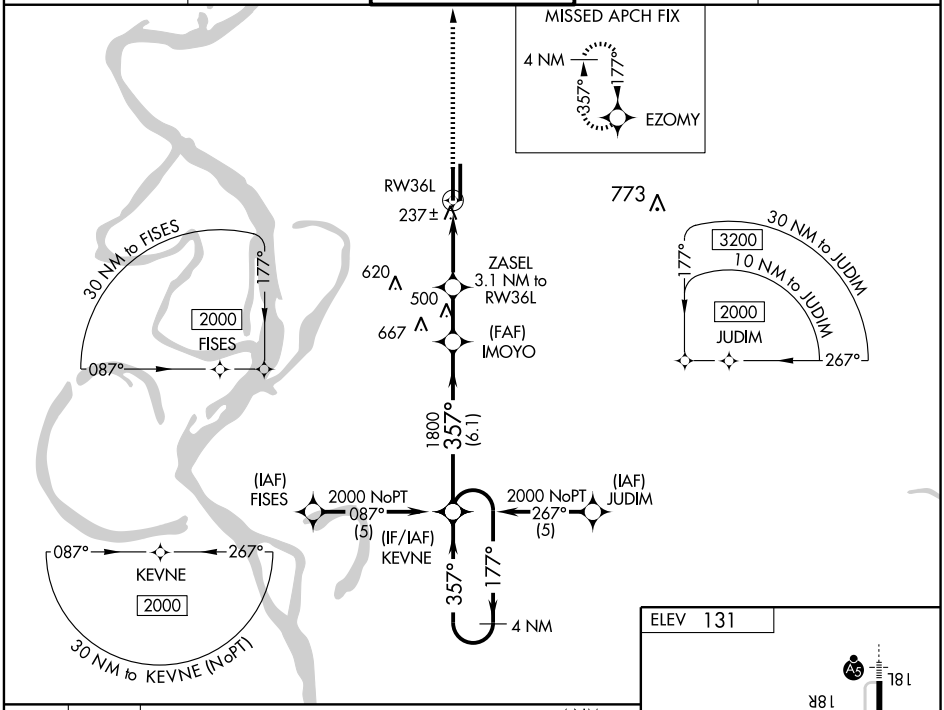
RNAV (GPS) RWY 36L

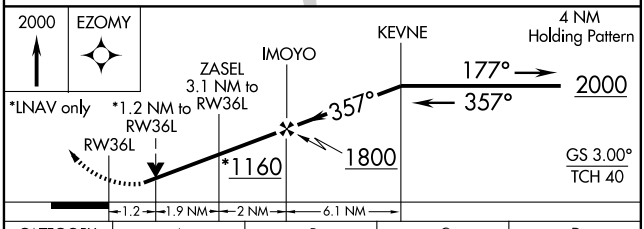
GREENVILLE/MID DELTA RGNL (GLH)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Greenwood altimeter setting and increase LPV DA to 576, increase LNAV/VNAV DA to 621, increase all MDA 120 feet, increase LPV visibility all Cats ¼ mile, increase LNAV/VNAV visibility all Cats ½ mile, increase LNAV Cat C visibility ¼ mile, LNAV Cat D visibility ½ mile, and increase Circling Cat D visibility ¼ mile. VDP and Baro-VNAV NA when using Greenwood altimeter setting.

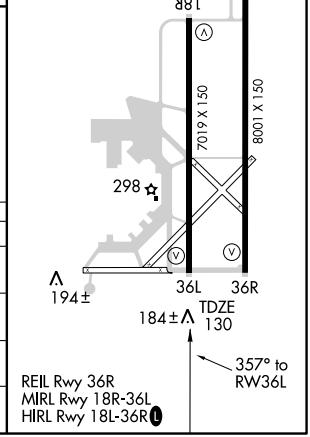
MISSED APPROACH: Climb to 2000 direct EZOMY and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER ★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95





CATEGORY	A	B	C	D
LPV DA	467-1¼ 337 (400-1¼)			
LNAV/VNAV DA	512-1¼ 382 (400-1¼)			
LNAV MDA	540-1 410 (500-1)		540-1¼ 410 (500-1¼)	
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8001
CH 81911	357°	TDZE	129
W36B		Apt Elev	131

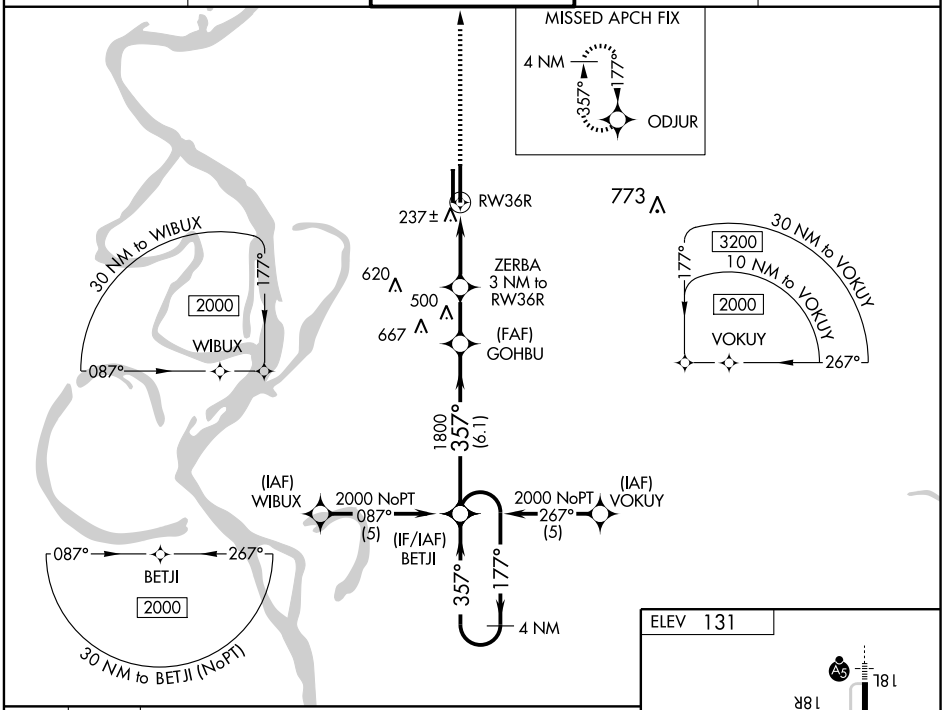
RNAV (GPS) RWY 36R

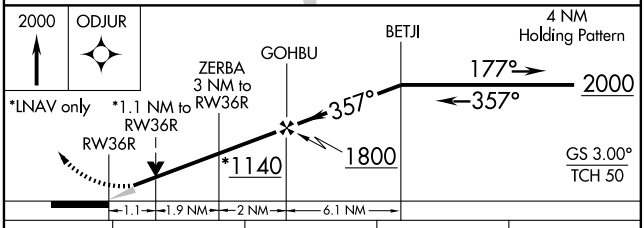
GREENVILLE/MID DELTA RGNL (GLH)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Greenwood altimeter setting and increase LPV DA to 488, increase LNAV/VNAV DA to 621, increase all MDA 120 feet, increase LPV visibility all Cats ¼ mile, increase LNAV/VNAV visibility all Cats ½ mile, increase LNAV visibility Cat C ¼ mile, Cat D ½ mile, and increase Circling Cat D visibility ¼ mile. VDP and Baro-VNAV NA when using Greenwood altimeter setting.

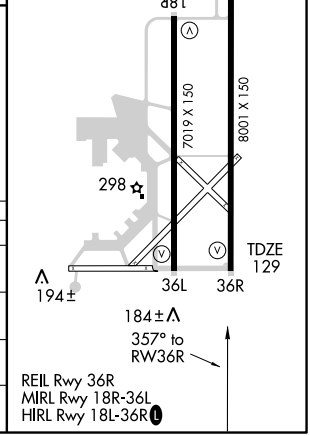
MISSED APPROACH: Climb to 2000 direct ODJUR and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER ★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95





CATEGORY	A	B	C	D
LPV DA	379-1 250 (300-1)			
LNAV/VNAV DA	512-1¼ 383 (400-1¼)			
LNAV MDA	540-1 411 (500-1)		540-1¼ 411 (500-1¼)	
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME GLH	APP CRS	Rwy Idg	8001
110.2	175°	TDZE	129
Chan 39		Apt Elev	131

VOR/DME RWY 18L

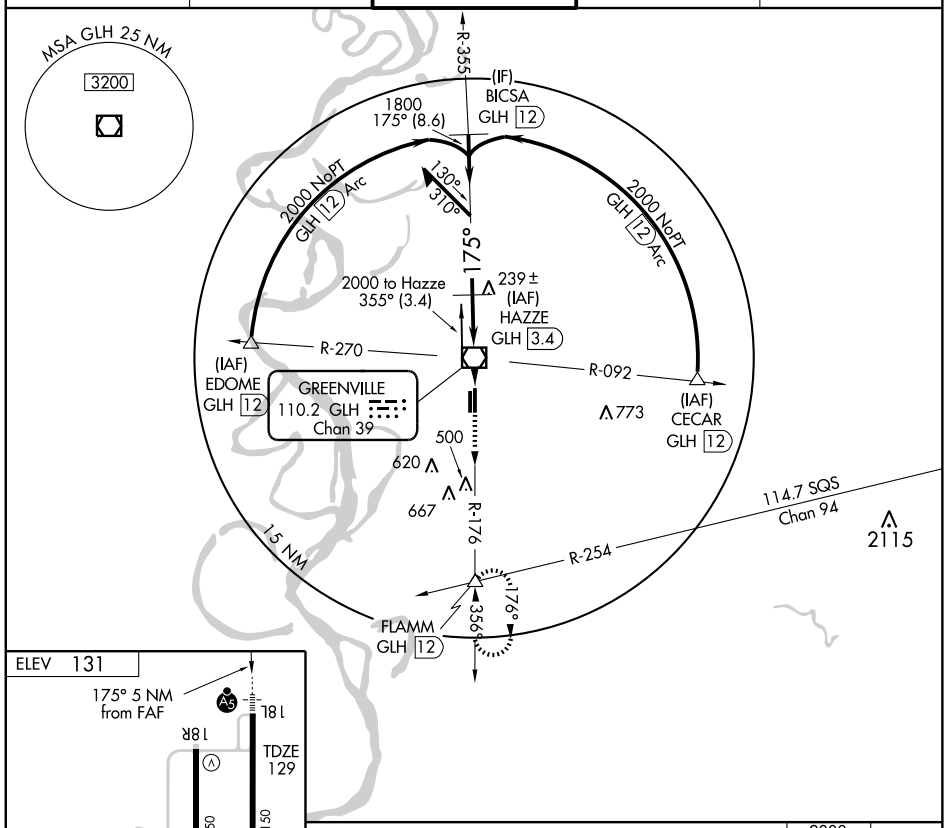
GREENVILLE/MID DELTA RGNL (GLH)

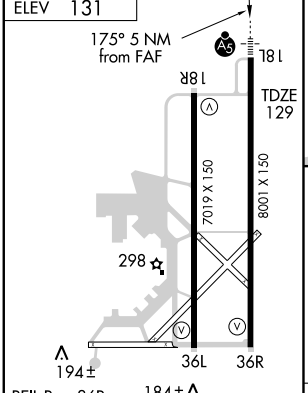
If local altimeter setting not received, use Greenwood altimeter setting and increase all MDAs 120 feet.

MALSR

MISSED APPROACH: Climb to 2000 via GLH VOR/DME R-176 to FLAMM Int/GLH 12 DME and hold.

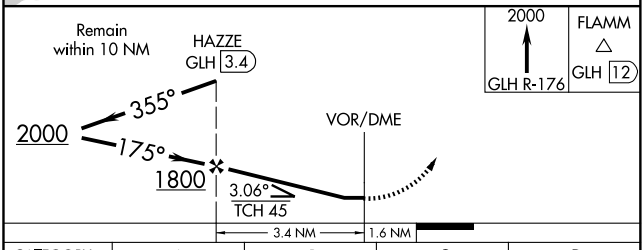
ASOS	MEMPHIS CENTER	GREENVILLE TOWER ★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95





REIL Rwy 36R
MIRL Rwy 18R-36L
HIRL Rwy 18L-36R L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-18L	500-1½ 371 (400-1½)			
CIRCLING	600-2 469 (500-2)			700-2 569 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME GLH	APP CRS	Rwy Idg	7019
110.2	183°	TDZE	128
Chan 39		Apt Elev	131

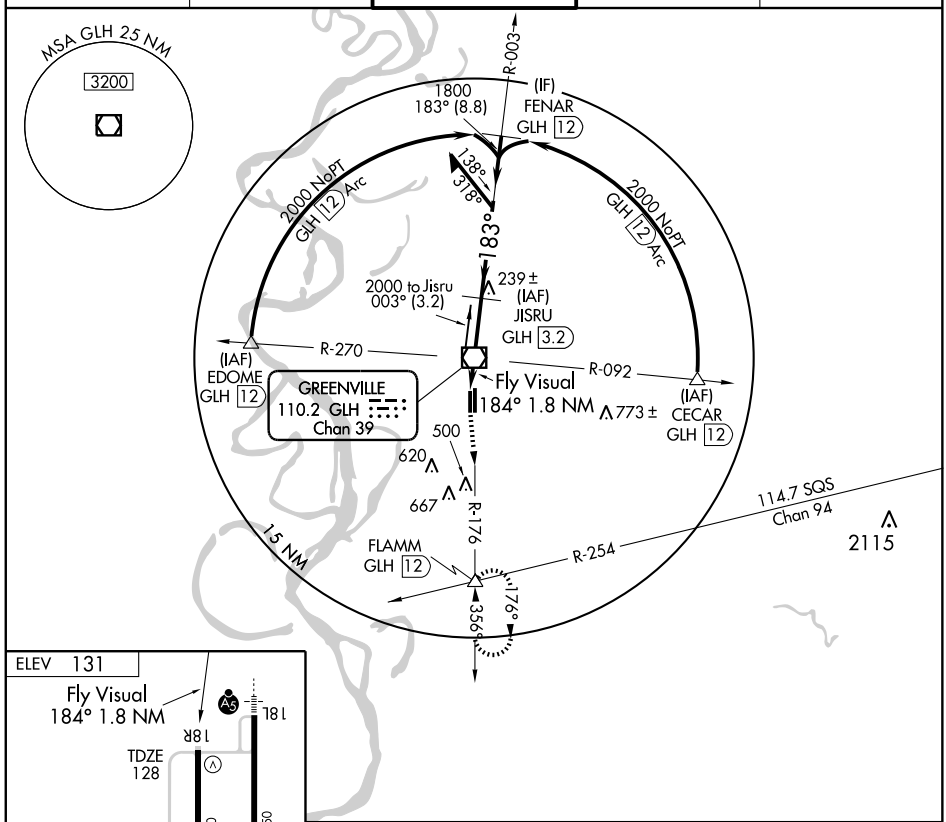
VOR/DME RWY 18R

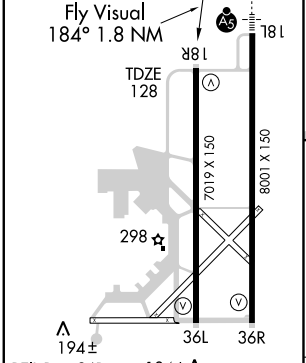
GREENVILLE/MID DELTA RGNL (GLH)

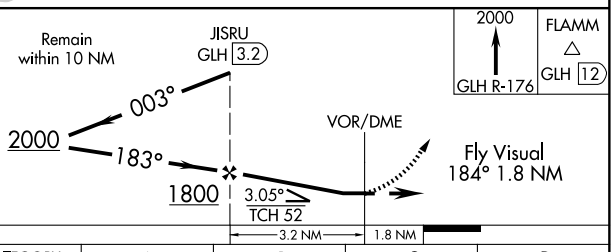
If local altimeter setting not received, use Greenwood altimeter setting and increase all MDAs 120 feet.

MISSED APPROACH: Climb to 2000 via GLH VOR/DME R-176 to FLAMM Int/GLH 12 DME and hold.

ASOS	MEMPHIS CENTER	GREENVILLE TOWER★	GND CON	UNICOM
125.525	135.875 269.35	119.0 (CTAF) L 256.9	121.8 256.9	122.95







Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
S-18R	500-2 372 (400-2)			
CIRCLING	600-2 469 (500-2)			700-2 569 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME RWY 5

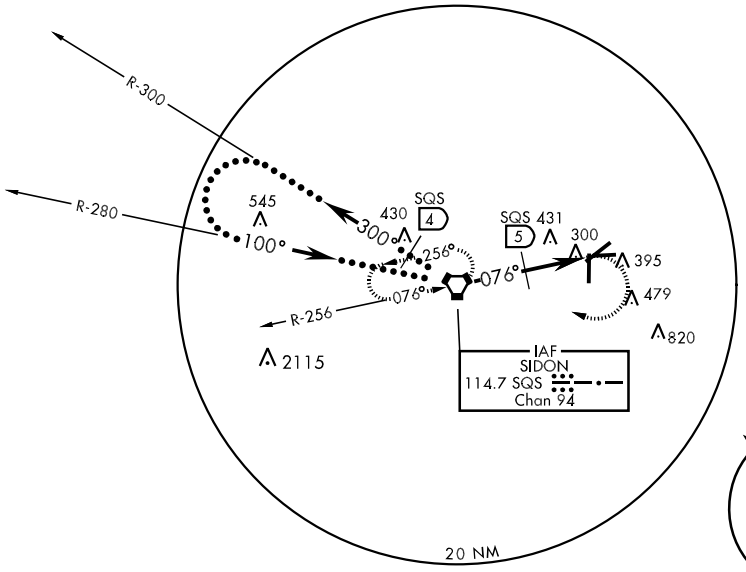
VORTAC SQS	APCH CRS	Rwy Idg 5005
114.7	076°	TDZE 149
Chan 94		Arpt Elev 162

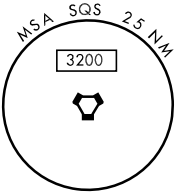
JAL-181 [USAF]

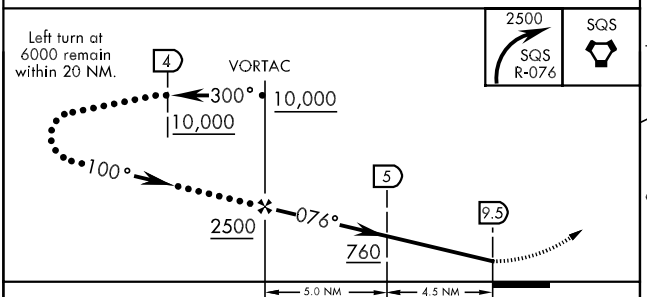
GREENWOOD-LEFLORE (GWO)

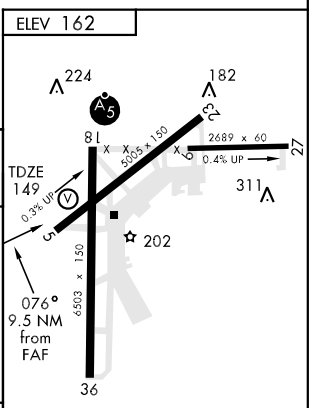
MISSED APPROACH: Climbing right turn to 2500 via SQS R-076 to SQS VORTAC and hold.

MEMPHIS CENTER	GREENWOOD TOWER★	GND CON	GREENWOOD RADIO	CLNC DEL
132.5 259.1	118.35 (CTAF) L 367.6	125.55 373.4	122.55	125.55









HIRL Rwy 18-36 L
MIRL Rwy 5-23 L

CATEGORY	C	D	E
S-5	600-1¼ 451 (500-1¼)	600-1½ 451 (500-1½)	
CIRCLING	780-1¾ 618 (700-1¾)	780-2 618 (700-2)	1080-3 918 (1000-3)

FAF to MAP 9.5 NM

Knots	120	140	160	180	200
Min:Sec	4:45	4:04	3:34	3:10	2:51

LOC I-GWO	APP CRS	Rwy Idg	6503
111.3	179°	TDZE	145
		Apt Elev	162

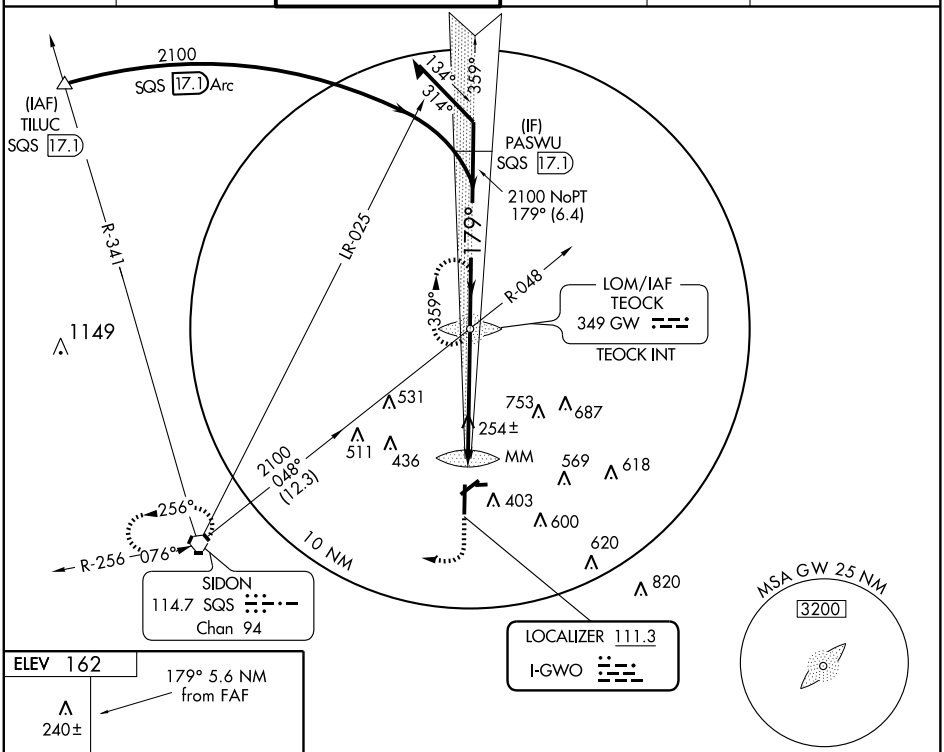
ILS or LOC RWY 18
GREENWOOD-LEFLORE (GWO)

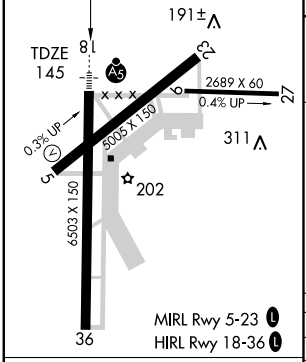
For inoperative MALSR, increase S-LOC 18 Cats A, B, C visibility to 1 mile.

MALSR

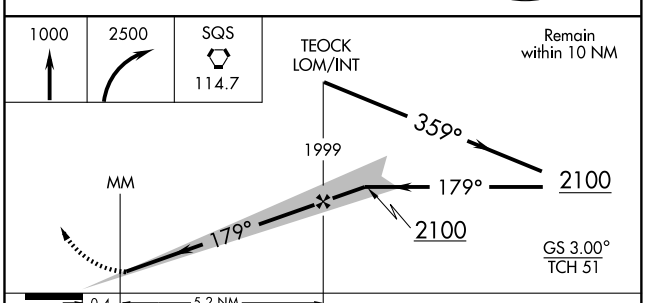
MISSED APPROACH: Climb to 1000 then climbing right turn to 2500 direct SQS VORTAC and hold.

ASOS	MEMPHIS CENTER	GREENWOOD TOWER★	GND CON	CLNC DEL	UNICOM
119.975	132.5 259.1	118.35 (CTAF) L 367.6	125.55 373.4	125.55	122.95





FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52



CATEGORY	A	B	C	D
S-ILS 18	345-½ 200 (200-½)			
S-LOC 18	520-¾ 375 (400-¾)			
CIRCLING	760-1 598 (600-1)		780-1¾ 618 (700-1¾)	780-2 618 (700-2)

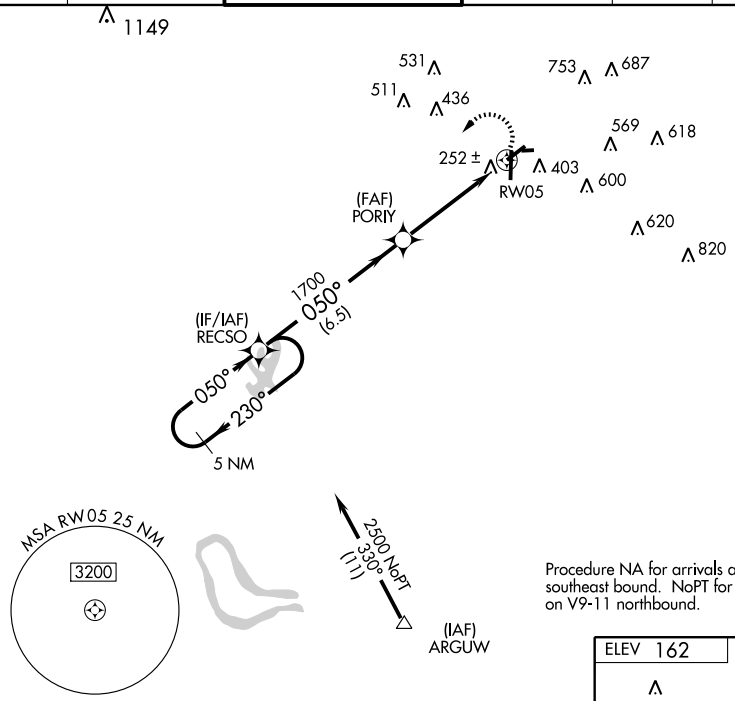
APP CRS	Rwy Idg	5005
050°	TDZE	149
	Apt Elev	162

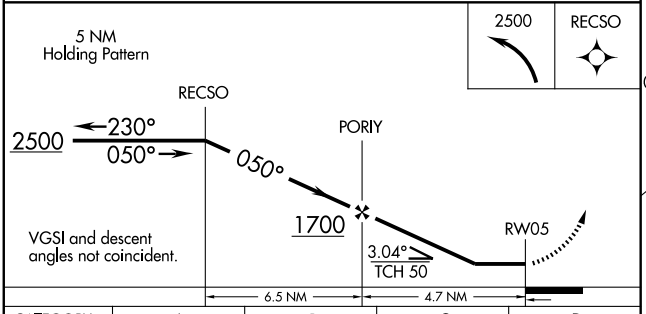
RNAV (GPS) RWY 5
GREENWOOD-LEFLORE (GWO)

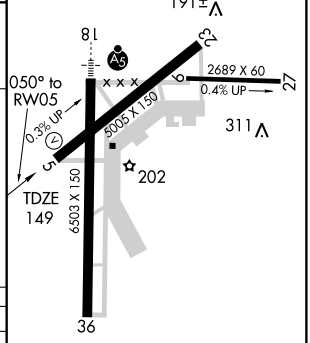
DME/DME RNP-0.3 NA.

MISSED APPROACH: Left turn to 2500 direct RECSO and hold.

ASOS	MEMPHIS CENTER	GREENWOOD TOWER ★	GND CON	CLNC DEL	UNICOM
119.975	132.5 259.1	118.35 (CTAF) L 367.6	125.55 373.4	125.55	122.95







CATEGORY	A	B	C	D
LNAV MDA	580-1 431 (500-1)		580-1¼ 431 (500-1¼)	580-1½ 431 (500-1½)
CIRCLING	760-1 598 (600-1)		780-1¾ 618 (700-1¾)	780-2 618 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50199 W18A	APP CRS 179°	Rwy Idg 6503 TDZE 145 Apt Elev 162

RNAV (GPS) RWY 18

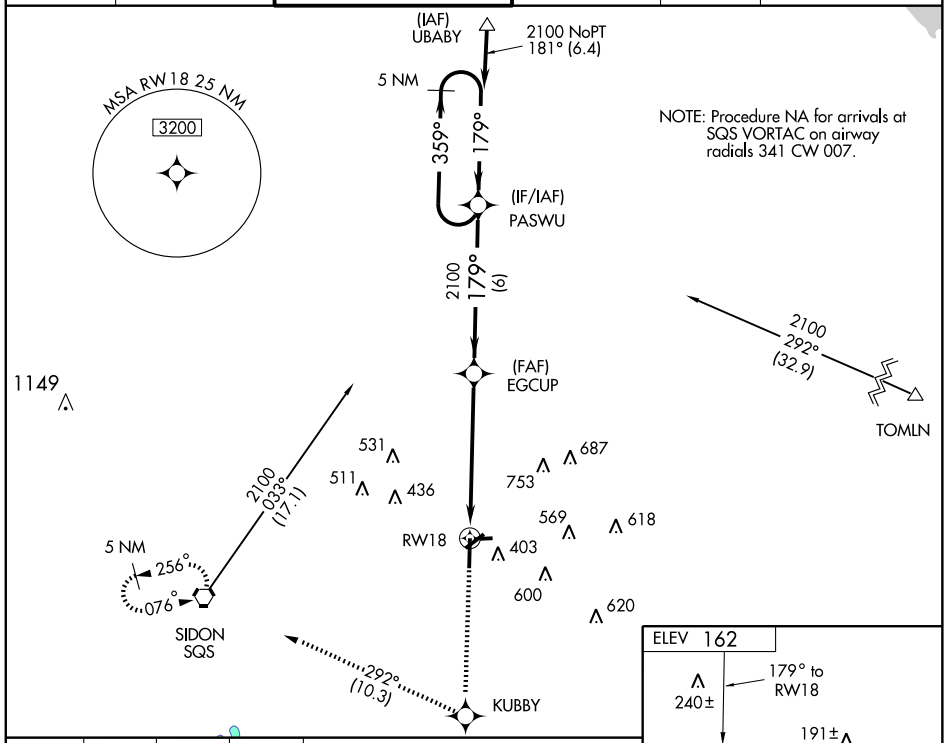
GREENWOOD-LEFLORE (GWO)

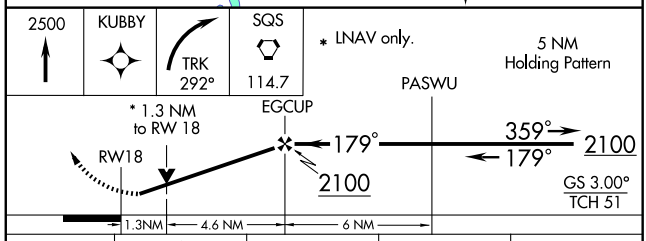
DME/DME RNP-0.3 NA. BARO-VNAV NA below -15°C (5°F). For inoperative MALSR, increase LPV visibility to 1 all Cats, and LNAV visibility Cats A and B to 1.

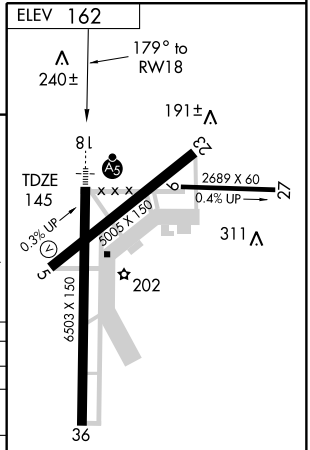
MALSR

MISSED APPROACH: Climb to 2500 direct KUBBY and right turn via 292° track to SQS VORTAC and hold.

ASOS	MEMPHIS CENTER	GREENWOOD TOWER ★	GND CON	CLNC DEL	UNICOM
119.975	132.5 259.1	118.35 (CTAF) L 367.6	125.55 373.4	125.55	122.95







CATEGORY	A	B	C	D
LPV DA	450-¾ 305 (300-¾)			
LNAV/VNAV DA	515-¾ 370 (400-¾)			
LNAV MDA	600-¾ 455 (500-¾)			600-1 455 (500-1)
CIRCLING	760-1¼ 598 (600-1¼)		780-1¾ 618 (700-1¾)	780-2 618 (700-2)

MIRL Rwy 5-23 L

HIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6503
359°	TDZE	145
	Apt Elev	162

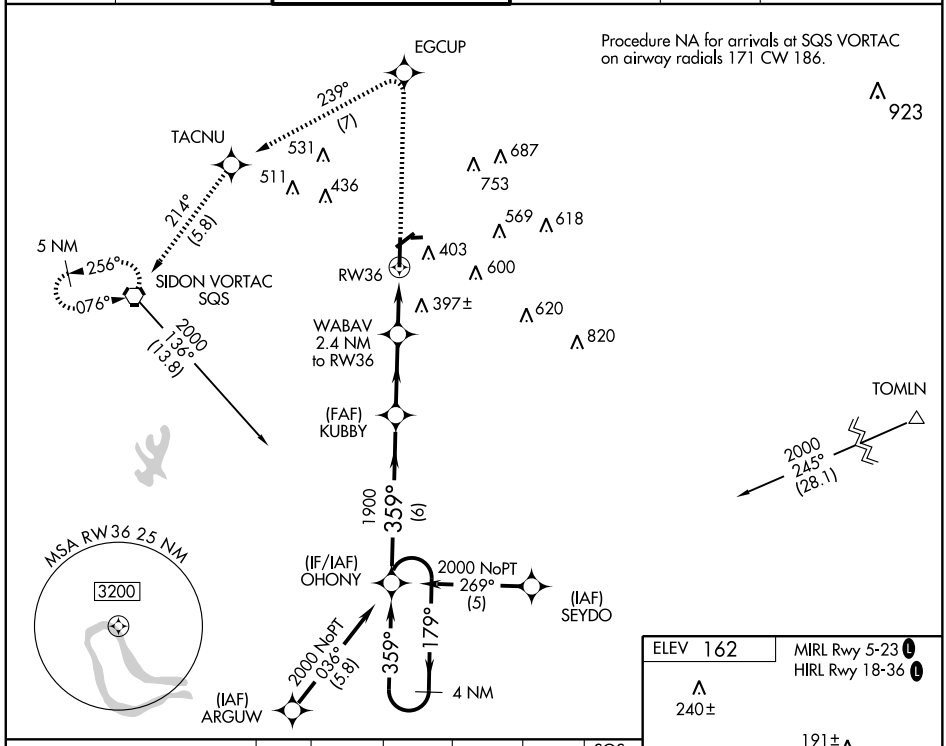
RNAV (GPS) RWY 36

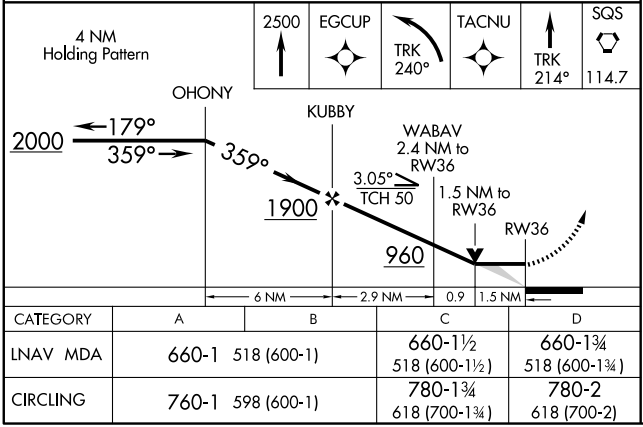
GREENWOOD-LEFLORE (GWO)

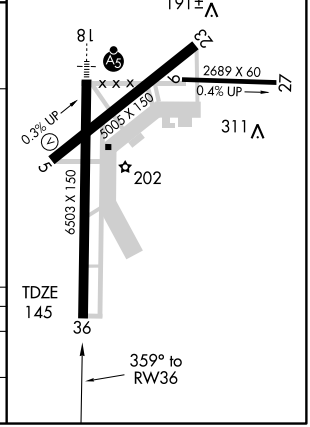
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct EGCUP and left turn via 240° track to TACNU and via 214° track to SQS VORTAC and hold.

ASOS	MEMPHIS CENTER	GREENWOOD TOWER ★	GND CON	CLNC DEL	UNICOM
119.975	132.5 259.1	118.35 (CTAF) L 367.6	125.55 373.4	125.55	122.95







CATEGORY	A	B	C	D
LNAV MDA	660-1 518 (600-1)		660-1½ 518 (600-1½)	660-1¾ 518 (600-1¾)
CIRCLING	760-1 598 (600-1)		780-1¾ 618 (700-1¾)	780-2 618 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

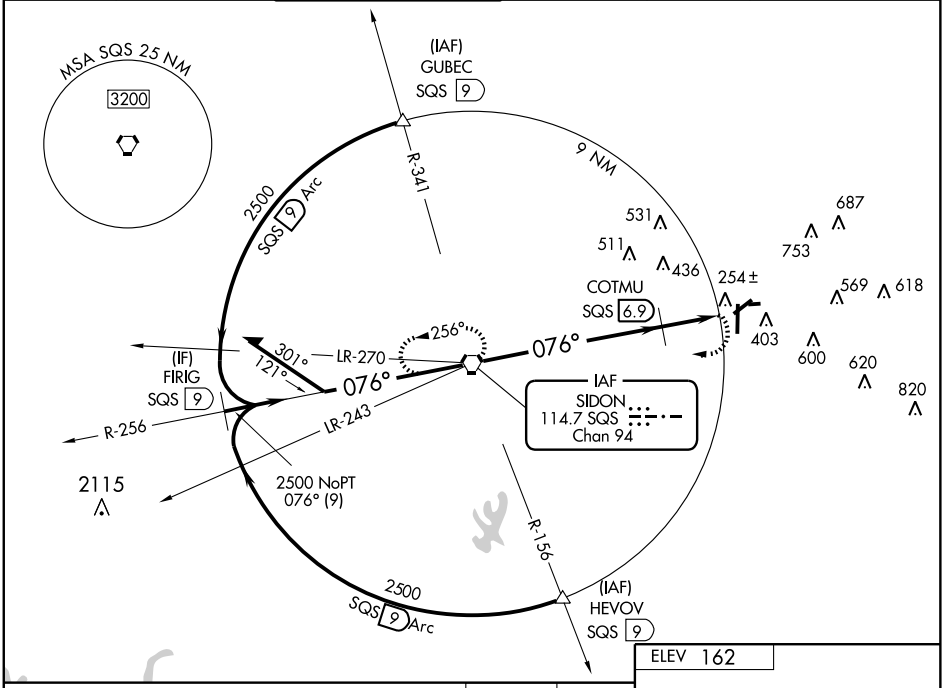
VORTAC SQS 114.7 Chan 94	APP CRS 076°	Rwy Idg 5005 TDZE 149 Apt Elev 162

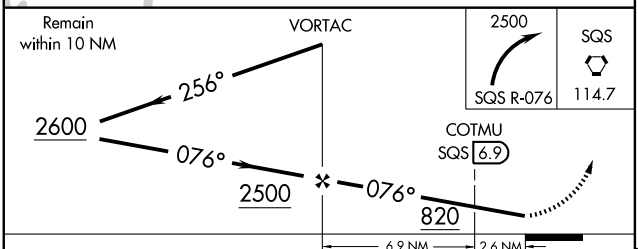
VOR RWY 5

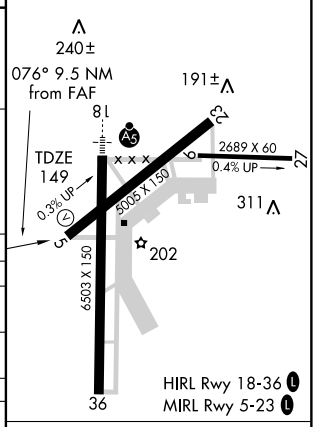
GREENWOOD-LEFLORE (GWO)

MISSED APPROACH: Climbing right turn to 2500 via SQS R-076 to SQS VORTAC and hold.

ASOS 119.975	MEMPHIS CENTER 132.5 259.1	GREENWOOD TOWER* 118.35 (CTAF) L 367.6	GND CON 125.55 373.4	CLNC DEL 125.55	UNICOM 122.95







CATEGORY	A	B	C	D
S-5	820-1	671 (700-1)	820-2 671 (700-2)	820-2 ¼ 671 (700-2¼)
CIRCLING	820-1	658 (700-1)	820-2 658 (700-2)	820-2 ¼ 658 (700-2¼)
COTMU FIX MINIMUMS				
S-5	600-1	451 (500-1)	600-1¼ 451 (500-1¼)	600-1½ 451 (500-1½)
CIRCLING	760-1	598 (600-1)	780-1¾ 618 (700-1¾)	780-2 618 (700-2)

FAF to MAP 9.5 NM

Knots	60	90	120	150	180
Min:Sec	9:30	6:20	4:45	3:48	3:10

SC-4, 17 DEC 2009 to 14 JAN 2010

GRENADA, MISSISSIPPI AL-6569 (FAA)

LOC/DME I-GNF	APP CRS	Rwy Idg 7000
110.9	131°	TDZE 208
Chan 46		Apt Elev 208

ILS or LOC RWY 13

GRENADA MUNI (GNF)

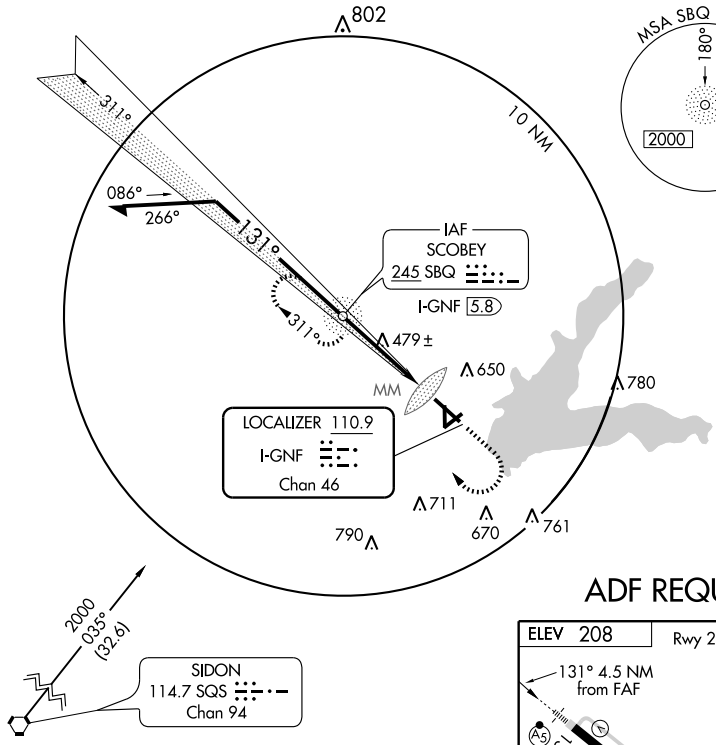
If local altimeter setting not received, use Greenwood-LeFlore altimeter setting and increase all DAs/MDAs 80 feet. VDP NA when using Greenwood-LeFlore altimeter setting. Autopilot coupled approach not authorized.

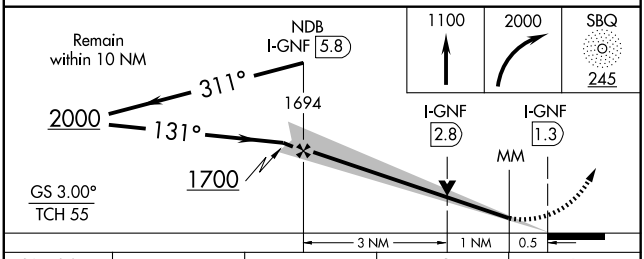
NA

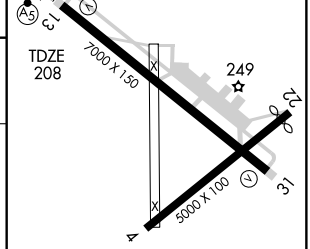
MALSR

MISSED APPROACH: Climb to 1100 then climbing right turn to 2000 direct SBQ NDB and hold.

AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)







CATEGORY	A	B	C	D
S-ILS-13	408-½ 200 (200-½)			
S-LOC-13	740-½ 532 (600-½)		740-1 532 (600-1)	740-1¼ 532 (600-1¼)
CIRCLING	1000-1 792 (800-1)	1000-1¼ 792 (800-1¼)	1000-2¼ 792 (800-2¼)	1000-2½ 792 (800-2½)

MIRL Rwy 13-31

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB SBQ	APP CRS	Rwy Idg	7000
245	131°	TDZE	208
		Apt Elev	208

NDB RWY 13
GRENADA MUNI (GNF)

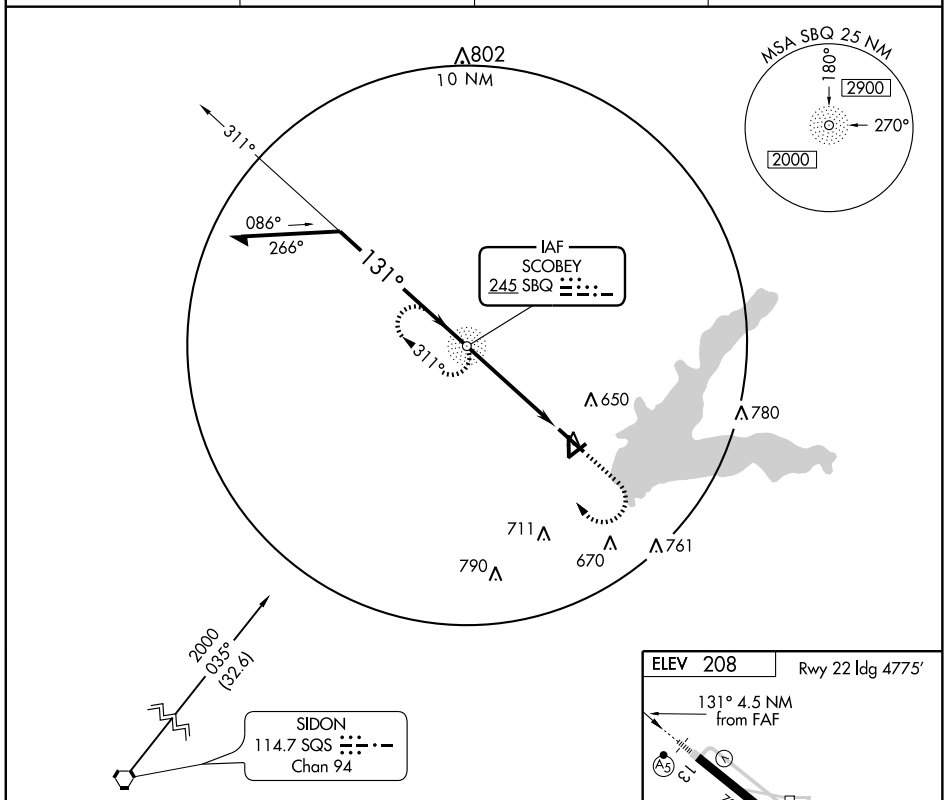
When local altimeter setting not received, use Greenwood altimeter setting.

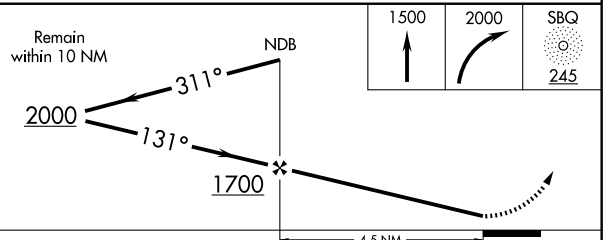
NA

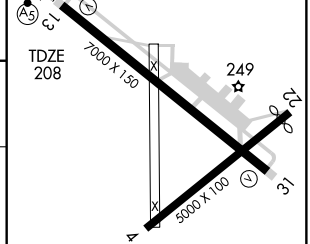
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 2000 direct SBQ NDB and hold.

AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)







MIRL Rwy 13-31

CATEGORY	A	B	C	D
S-13	1020-1 812 (900-1)	1020-1¼ 812 (900-1¼)	1020-2½ 812 (900-2½)	NA
CIRCLING	1080-1 872 (900-1)	1080-1¼ 872 (900-1¼)	1080-2½ 872 (900-2½)	NA

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
051°	TDZE	196
	Apt Elev	208

RNAV (GPS) RWY 4

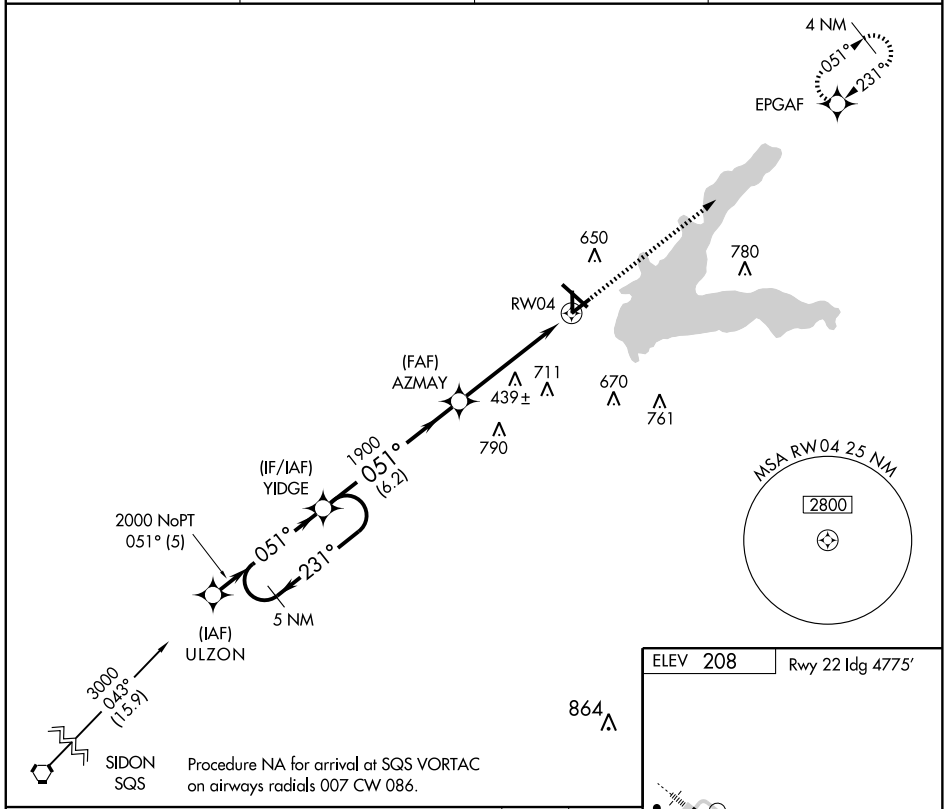
GRENADA MUNI (GNF)

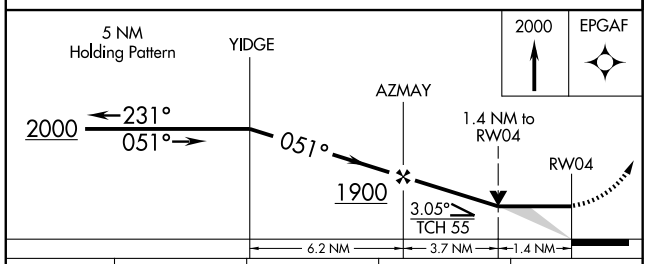
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Greenwood altimeter setting and increase MDAs 80 feet. VDP NA with Greenwood altimeter setting.

NA

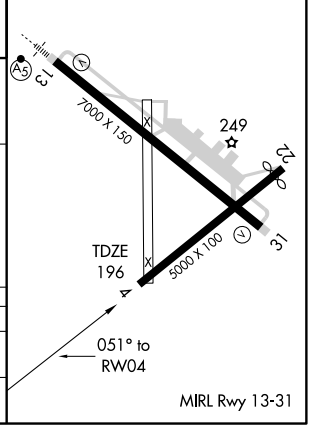
MISSED APPROACH: Climb to 2000 direct EPGAF and hold.

AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	700-1 504 (500-1)		700-1½ 504 (500-1½)	
CIRCLING	1000-1 792 (800-1)	1000-1¼ 792 (800-1¼)	1000-2¼ 792 (800-2¼)	1000-2½ 792 (800-2½)



SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97328 W13A	APP CRS 131°	Rwy Idg 7000 TDZE 208 Apt Elev 208

RNAV (GPS) RWY 13

GRENADA MUNI (GNF)

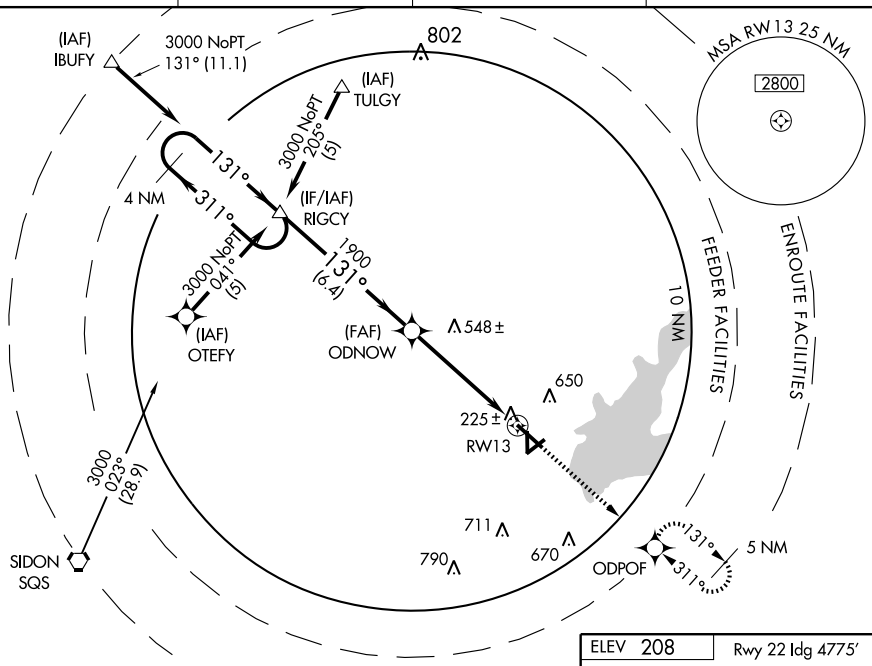
DME/DME RNP-0.3 NA. For inoperative MALSR increase LPV visibility to ¾ all Cats. If local altimeter setting not received, use Greenwood altimeter setting and increase all DAs 64 feet/MDAs 80 feet. BARO-VNAV and VDP NA when using Greenwood altimeter setting.

NA

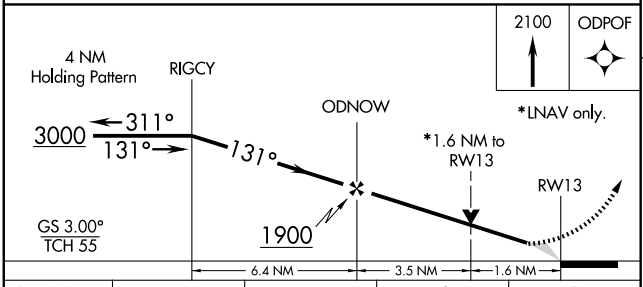
MALSR

MISSED APPROACH: Climb to 2100 direct ODPOF and hold.

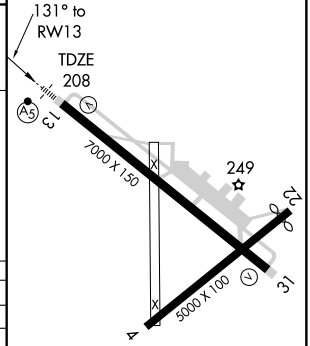
AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)



Procedure NA for arrivals at SQS VORTAC via V9 southbound.



CATEGORY	A	B	C	D
LPV DA	458-½ 250 (300-½)			
LNAV/VNAV DA	769-1½ 561 (600-1½)			
LNAV MDA	780-½ 572 (600-½)		780-1 572 (600-1)	780-1¼ 572 (600-1¼)
CIRCLING	1000-2 792 (800-2)		1000-2¼ 792 (800-2¼)	1000-2½ 792 (800-2½)



MIRL Rwy 13-31

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4775
231°	TDZE	201
	Apt Elev	208

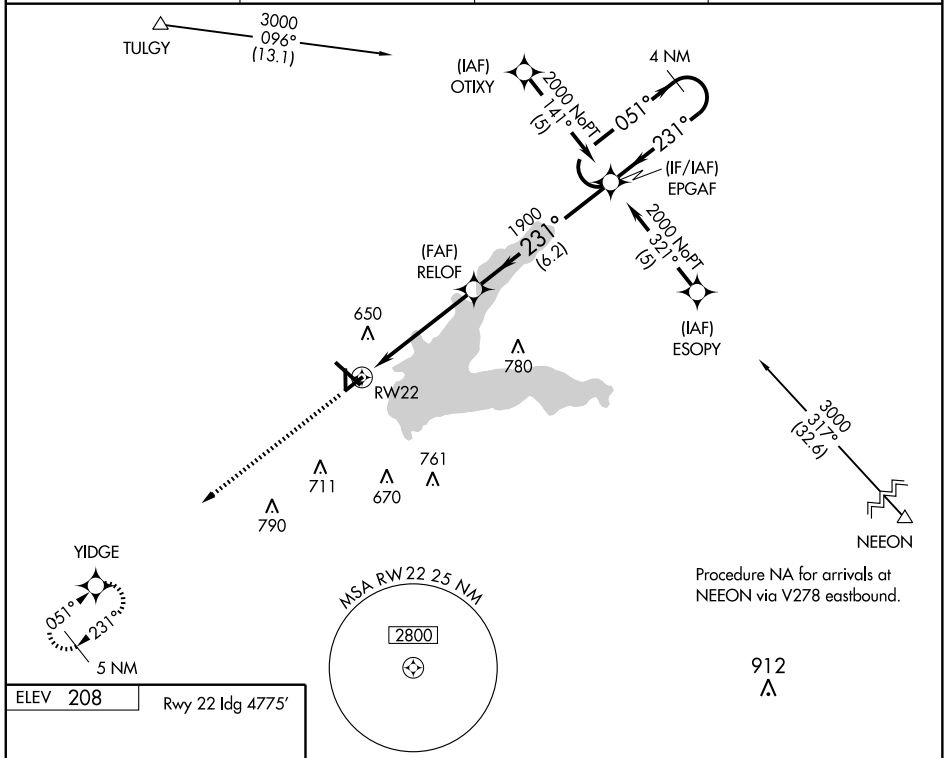
RNAV (GPS) RWY 22

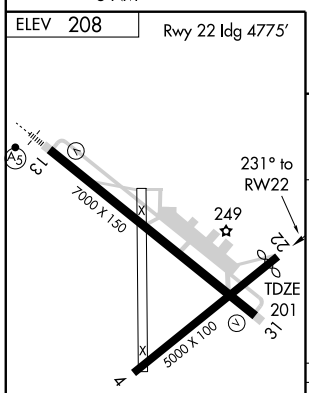
GRENADA MUNI (GNF)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Greenwood altimeter setting and increase all MDAs 80 feet. VDP NA with Greenwood altimeter setting.

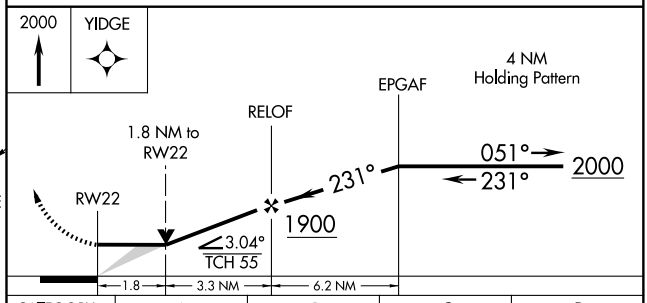
MISSED APPROACH: Climb to 2000 direct YIDGE and hold.

AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)





MIRL Rwy 13-31



CATEGORY	A	B	C	D
LNAV MDA	840-1 639 (700-1)		840-1¾ 639 (700-1¾)	840-2 639 (700-2)
CIRCLING	1000-1 792 (800-1)	1000-1¼ 792 (800-1¼)	1000-2¼ 792 (800-2¼)	1000-2½ 792 (800-2½)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40029 W31A	APP CRS 311°	Rwy Idg 7000 TDZE 202 Apt Elev 208

RNAV (GPS) RWY 31

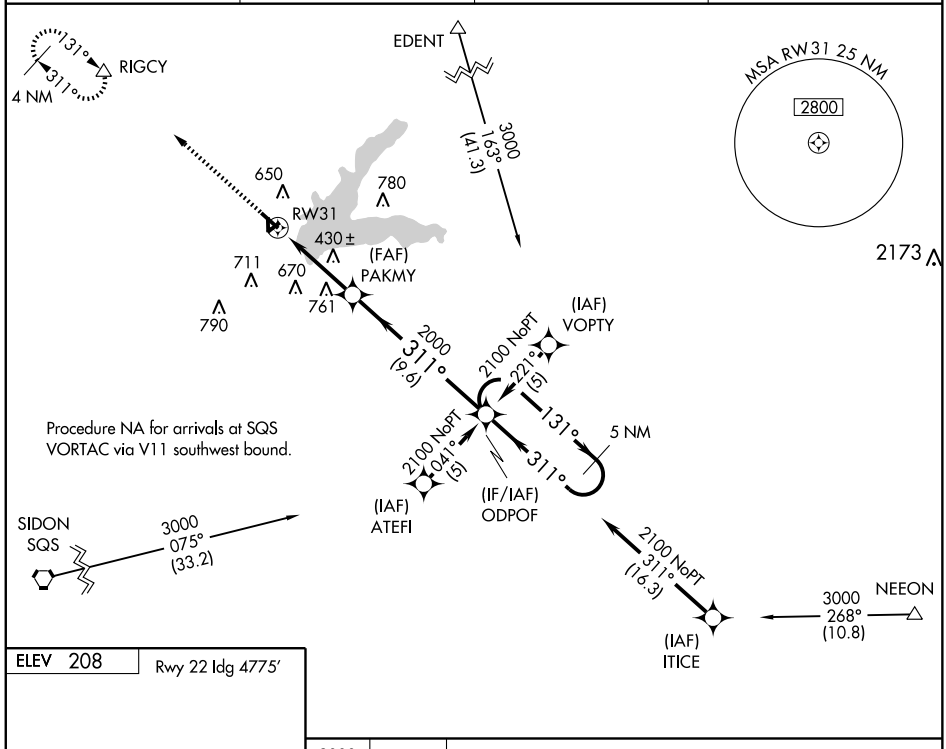
GRENADA MUNI (GNF)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Greenwood altimeter setting increase DAs 64 feet/MDAs 80 feet. BARO-VNAV and VDP NA when using Greenwood altimeter setting.

NA

MISSED APPROACH: Climb to 3000 direct RIGCY and hold.

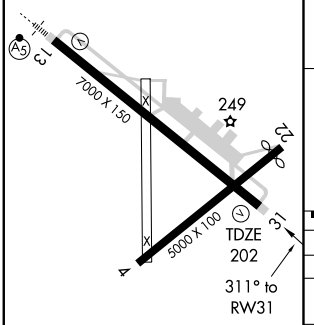
AWOS-3	MEMPHIS CENTER	GCO	UNICOM
118.025	128.5 381.4	121.72	122.8 (CTAF)



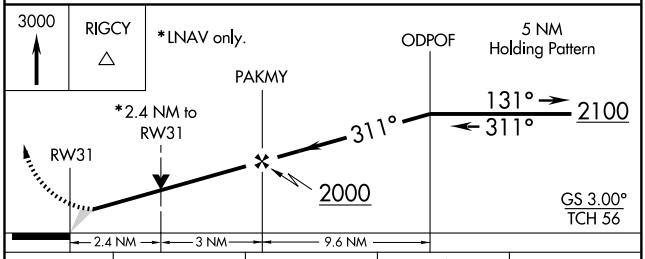
SC-4, 17 DEC 2009 to 14 JAN 2010

ELEV 208

Rwy 22 ldg 4775'



MIRL Rwy 13-31



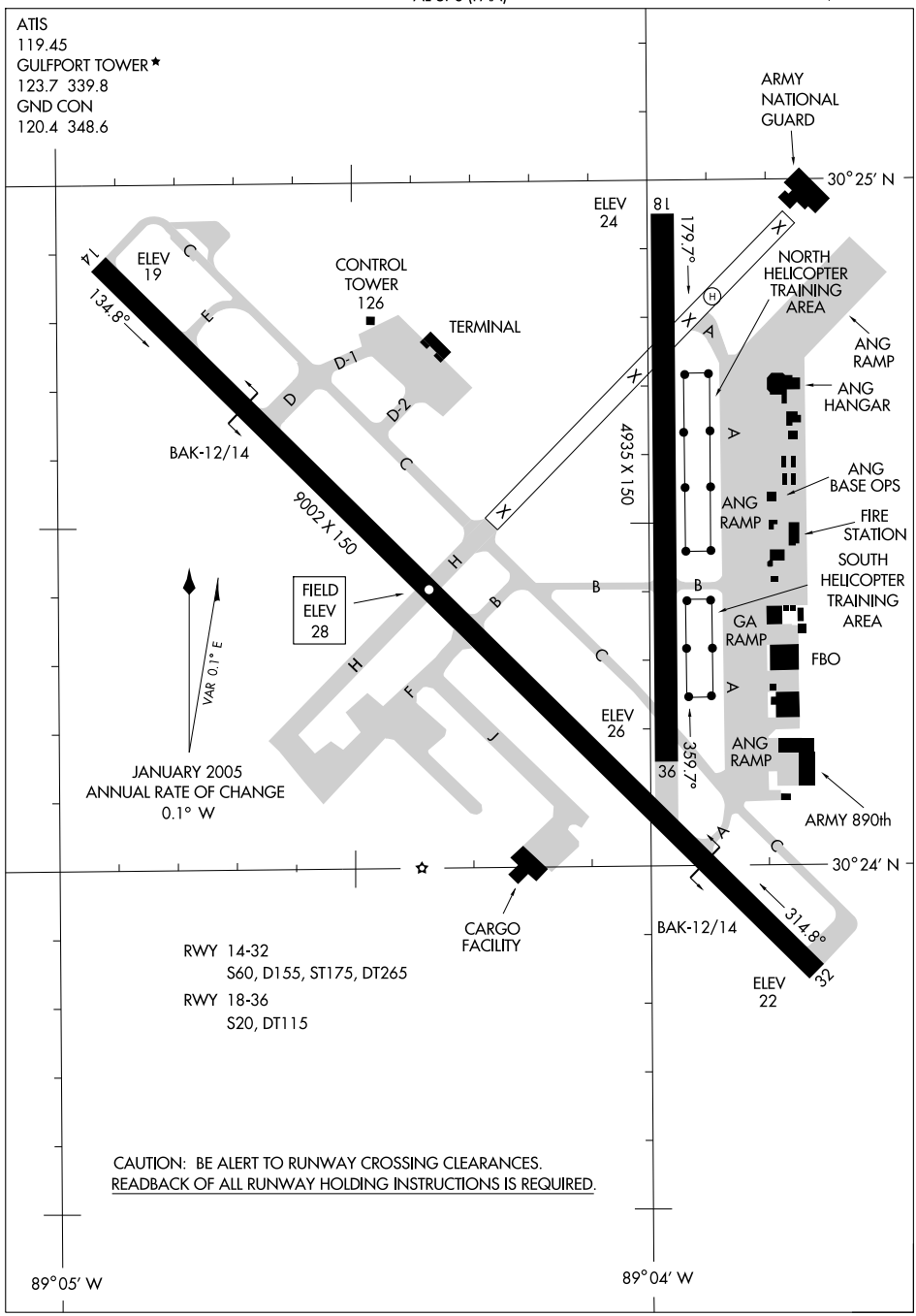
CATEGORY	A	B	C	D
LPV DA	452-¾ 250 (300-¾)			
LNAV/VNAV DA	698-1¾ 496 (500-1¾)			
LNAV MDA	1020-1 818 (900-1)	1020-1¼ 818 (900-1¼)	1020-2½ 818 (900-2½)	1020-2¾ 818 (900-2¾)
CIRCLING	1020-1¾ 812 (900-1¾)		1020-2½ 812 (900-2½)	1020-2¾ 812 (900-2¾)

09295

AIRPORT DIAGRAM

AL-576 (FAA)

GULFPORT-BILOXI INTL (GPT)
GULFPORT, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 14

LOC I-GPT	APCH CRS	Rwy ldg	9002
110.9	133°	TDZE	27
		Arpt Elev	28

JAL-576 [USAF] GULFPORT-BILOXI INTL (KGPT)

▼ * When ALS inop, increase CAT CDE vis to ¾ mile.
** When ALS inop, increase CAT C vis to 1 mile, CAT DE vis to 1¼ miles.

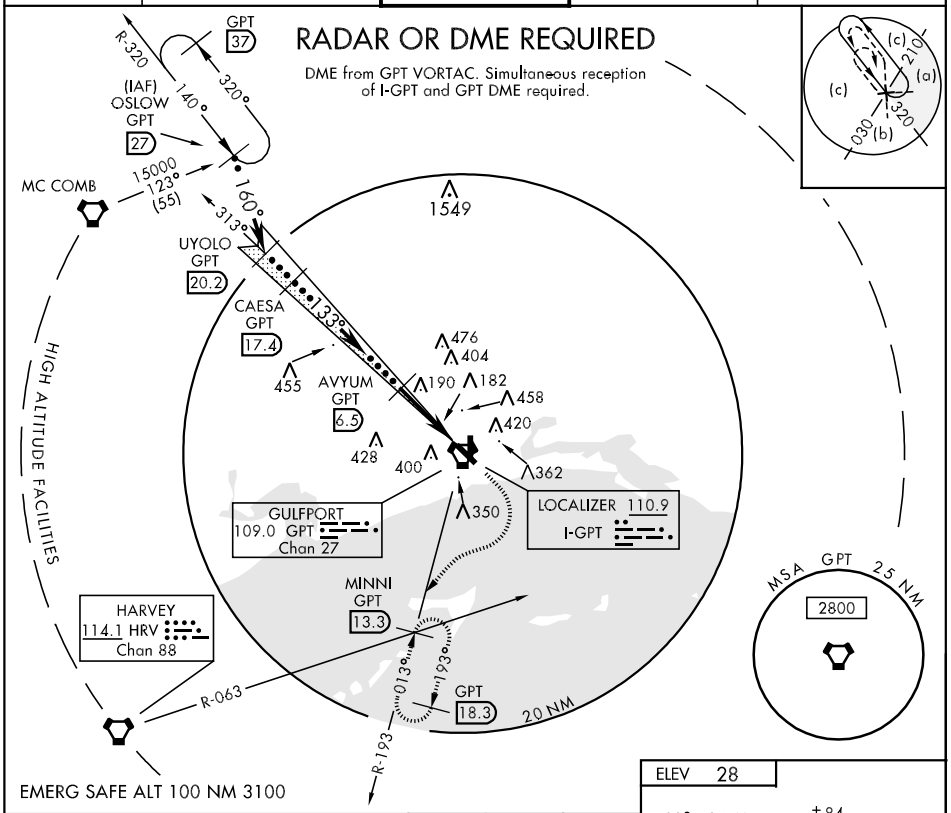
MALSR

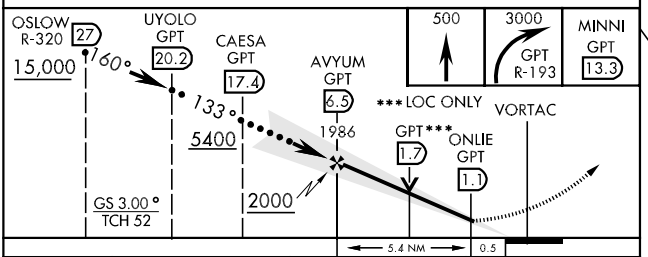
MISSED APPROACH: Climb to 500, then climbing right turn to 3000 via GPT R-193 to MINNI INT/GPT 13.3 DME and hold.

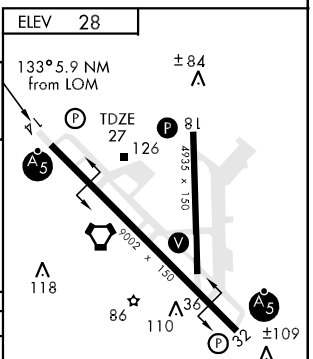
ATIS ★	GULFPORT APP CON	GULFPORT TOWER★	GND CON	ASR
119.45	130°-309° 124.6 354.1 310°-129° 127.5 254.25	123.7 CTAF L 339.8	120.4 348.6	

RADAR OR DME REQUIRED

DME from GPT VORTAC. Simultaneous reception of I-GPT and GPT DME required.







CATEGORY	C	D	E
S-ILS 14 *	227/24	200	(200-½)
S-LOC 14 **	440/40 413	(500-¾)	440/50 413 (500-1)
CIRCLING	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

HIRL Rwy 14-32 L
MIRL Rwy 18-36
REIL Rwy 14, 18, 32, and 36 L

HI-ILS or LOC/DME RWY 32

LOC I-UXI 108.3	APCH CRS 313°	Rwy ldg 9002 TDZE 28 Arpt Elev 28

JAL-576 [USAF]

GULFPORT-BILOXI INTL (KGPT)

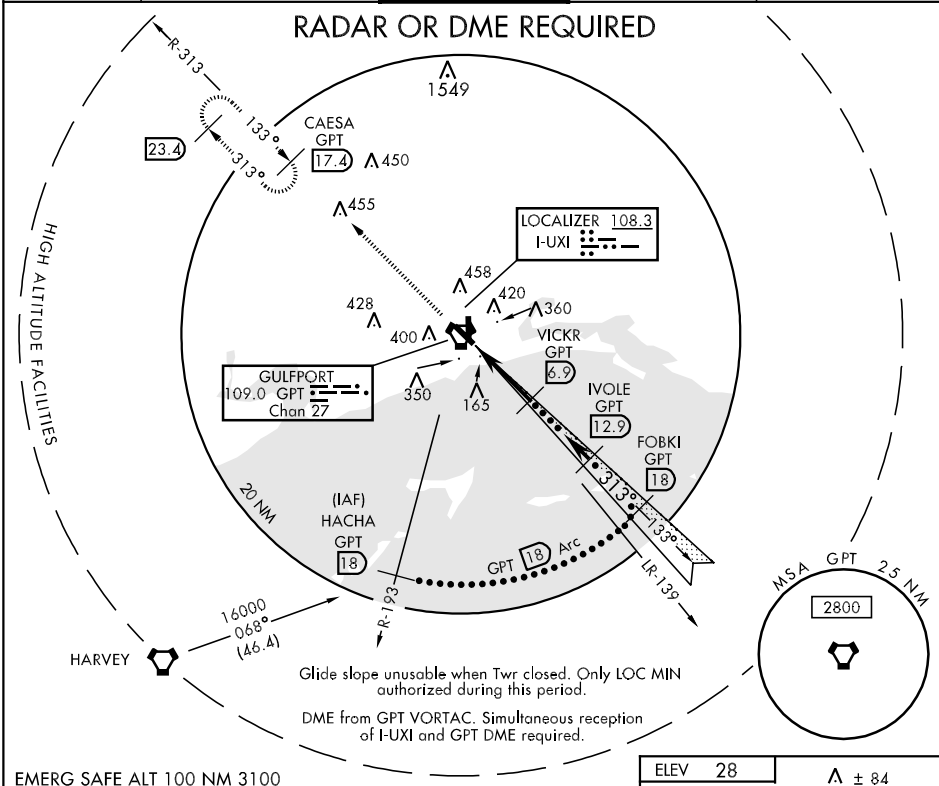
* When ALS inop, increase CAT C RVR vis to 40 and CAT DE RVR to 60.

MALSR

MISSED APPROACH: Climb to 2000 via GPT R-313 to CAESA 17.4 DME and hold.

ATIS * 119.45	GULFPORT APP CON 130°-309° 124.6 354.1 310°-129° 127.5 254.25	GULFPORT TOWER* 123.7 CTAF L 339.8	GND CON 120.4 348.6	ASR

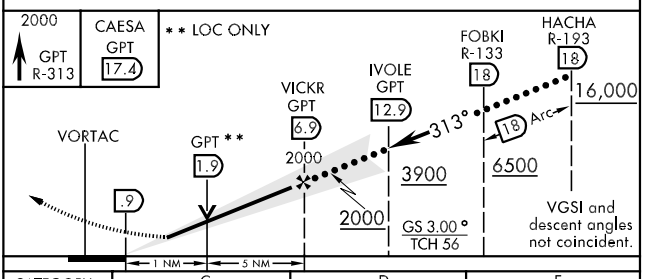
RADAR OR DME REQUIRED

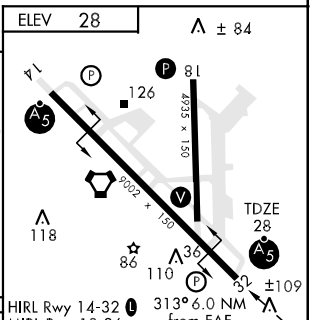


Glide slope unusable when Twr closed. Only LOC MIN authorized during this period.

DME from GPT VORTAC. Simultaneous reception of I-UXI and GPT DME required.

EMERG SAFE ALT 100 NM 3100





HIRL Rwy 14-32 L
MIRL Rwy 18-36
REIL Rwy 14, 18, 32, and 36 L

CATEGORY	C	D	E
S-ILS 32	228/40	200	(200-¾)
S-LOC 32 *	380/40	352	(400-¾)
CIRCLING	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

FAF to MAP 6.0 NM

Knots	120	140	160	180	200
Min:Sec	3:00	2:34	2:15	2:00	1:48

HI-TACAN RWY 14

VORTAC GPT	APCH CRS	Rwy ldg 9002
109.0	140°	TDZE 27
Chan 27		Arpt Elev 28

JAL-576 [USAF]

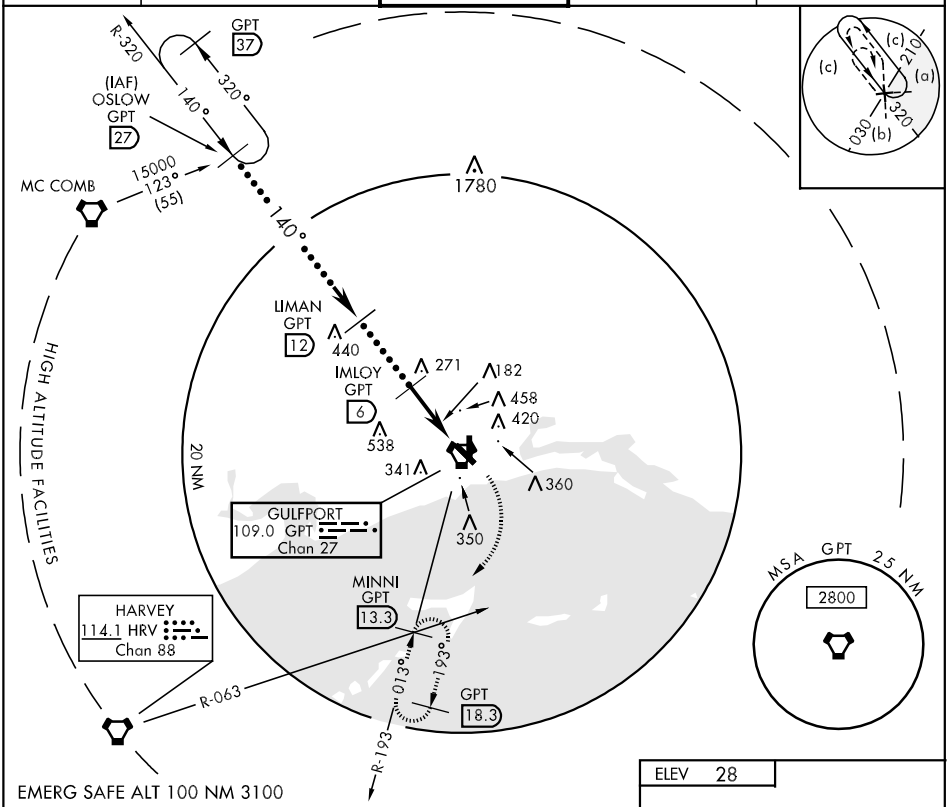
GULFPORT-BILOXI INTL (KGPT)

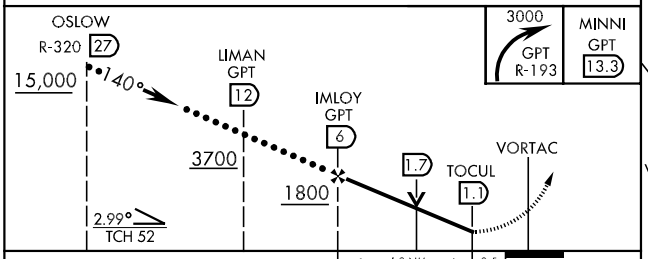
▼ * When ALS inop, increase vis CAT CD to 1¼ miles, CAT E to 1½ miles.

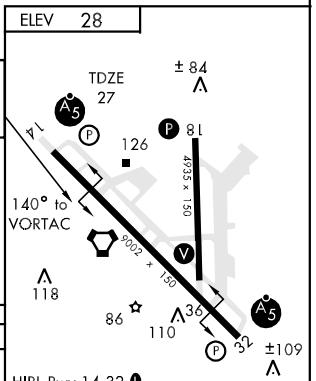
MALSR

MISSED APPROACH: Climbing right turn to 3000 via GPT R-193 to MINNI INT/GPT 13.3 DME and hold.

ATIS ★	GULFPORT APP CON	GULFPORT TOWER★	GND CON	ASR
119.45	130°-309° 124.6 354.1 310°-129° 127.5 254.25	123.7 CTAF Ⓛ 339.8	120.4 348.6	







CATEGORY	C	D	E
S-14 *	440/40 413 (500-¾)	440/50 413 (500-1)	
CIRCLING	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

HIRL Rwy 14-32 Ⓛ
MIRL Rwy 18-36
REIL Rwy 14, 18, 32, and 36Ⓛ

HI-TACAN RWY 32

VORTAC GPT	APCH CRS	Rwy Idg	9002
109.0	307°	TDZE	28
Chan 27		Arpt Elev	28

JAL-576 [USAF]

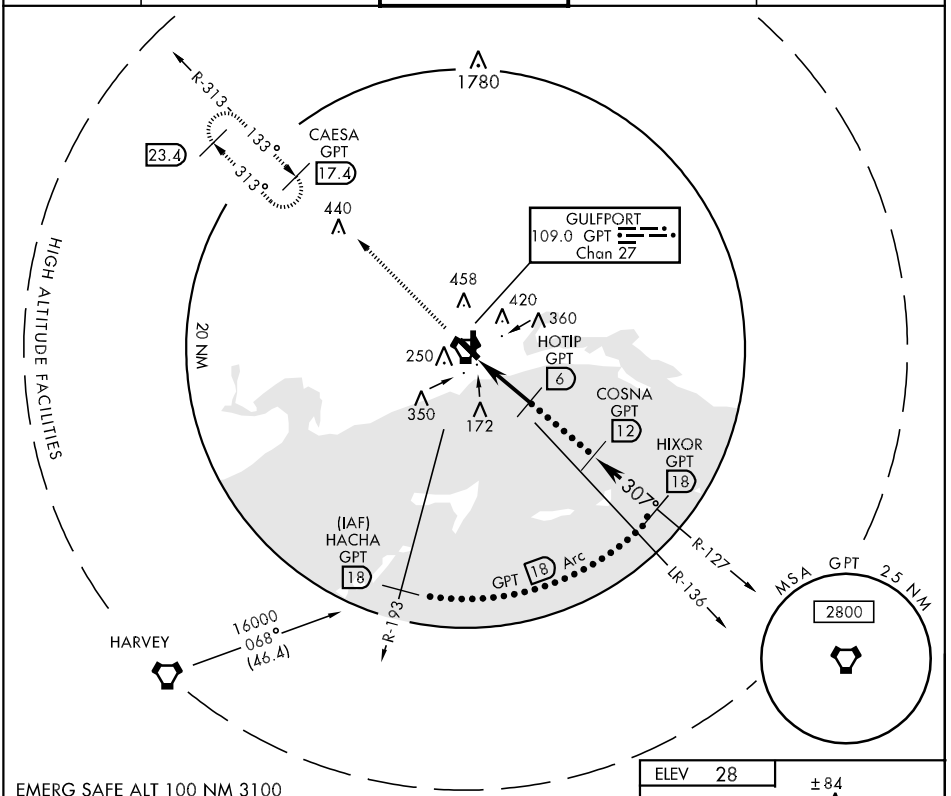
GULFPORT-BILOXI INTL (KGPT)

* When ALS inop, increase CAT CD RVR to 60 and CAT E vis to 1½ miles.

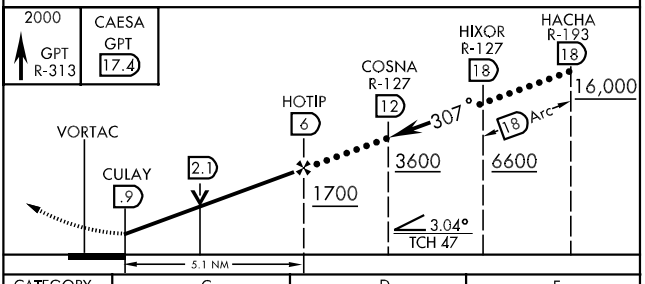
MALSR

MISSED APPROACH: Climb to 2000 via GPT R-313 to CAESA INT 17.4 DME and hold.

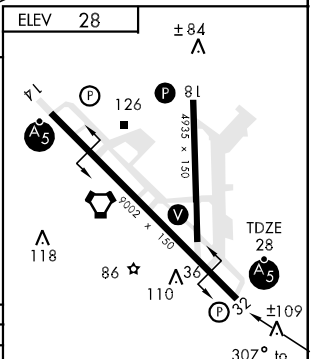
ATIS ★	GULFPORT APP CON	GULFPORT TOWER★	GND CON	ASR
119.45	130°-309° 124.6 354.1 310°-129° 127.5 254.25	123.7 CTAF L 339.8	120.4 348.6	



EMERG SAFE ALT 100 NM 3100



CATEGORY	C	D	E
S-32 *	440/40 412 (500-¾)	440/50 412	(500-¾)
CIRCLING	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)



HIRL Rwy 14-32 L
MIRL Rwy 18-36
REIL Rwy 14, 18, 32, and 36 L

LOC I-UXI	APP CRS	Rwy Idg	9002
108.3	313°	TDZE	28
		Apt Elev	28

ILS or LOC/DME RWY 32

GULFPORT-BILOXI INTL (GPT)

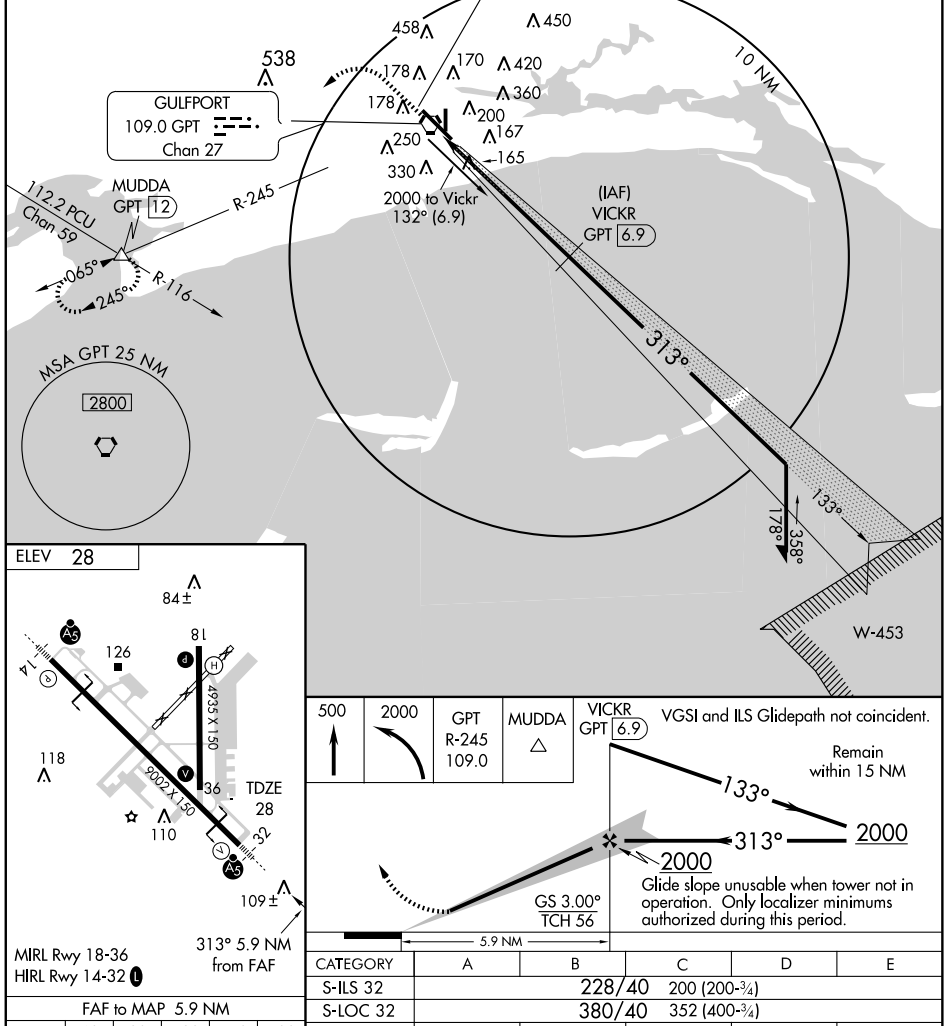
T A ASR Inoperative table does not apply to MALSR S-ILS 32. For inoperative MALSR increase S-LOC 32 Cat A, B, C visibility to RVR 5000, and Cat E to 6000. DME from GPT VOR/DME. Simultaneous reception of I-UXI and GPT DME required.

MALSR

MISSED APPROACH: Climb to 500 then climbing left turn to 2000 via GPT R-245 to MUDDA Int/GPT 12 DME and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95

RADAR OR DME REQUIRED



FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

CATEGORY	A	B	C	D	E
S-ILS 32	228/40 200 (200-¾)				
S-LOC 32	380/40 352 (400-¾)				
CIRCLING	500-1 472 (500-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-GPT	APP CRS	Rwy Idg	9002
110.9	133°	TDZE	27
		Apt Elev	28

ILS or LOC RWY 14

GULFPORT-BILOXI INTL (GPT)

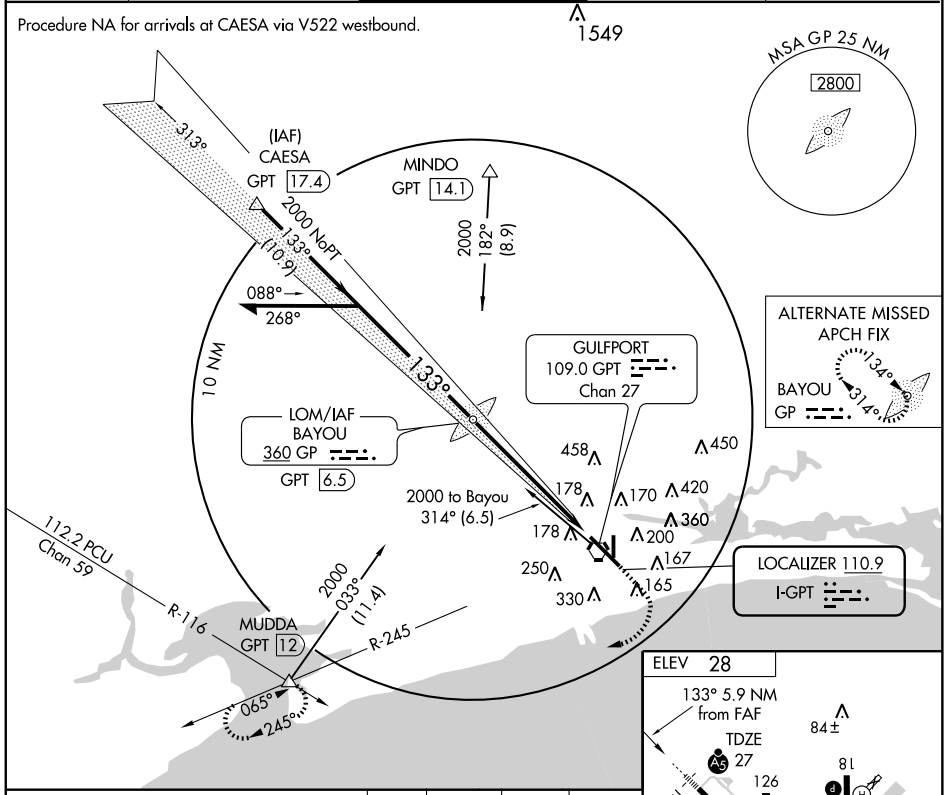
For inoperative MALSR increase S-ILS 14 Cat E visibility to RVR 4000 and S-LOC 14 Cat E visibility to 1½ mile. *RVR 1800 authorized with the use of FD or AP or HUD to DA.

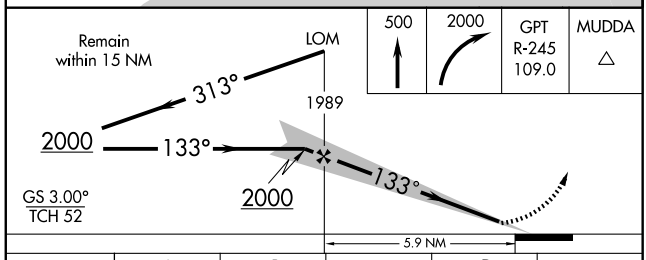
MALSR

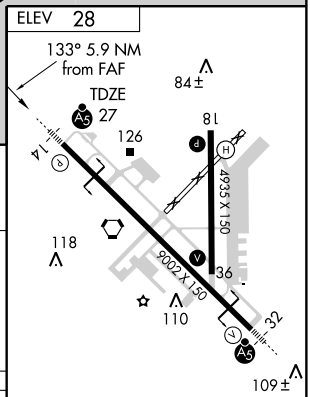
MISSED APPROACH: Climb to 500 then climbing right turn to 2000 via GPT R-245 to MUDDA Int/12 DME and hold.

ATIS	GULFPORT APP CON *	GULFPORT TOWER *	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95

Procedure NA for arrivals at CAESA via V522 westbound.







CATEGORY	A	B	C	D	E
S-ILS 14	* 227/24 200 (200-½)				
S-LOC 14	440/24	413 (500-½)	440/40	413 (500-¾)	440/50 413 (500-1)
CIRCLING	500-1 472 (500-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

MIRL Rwy 18-36
HIRL Rwy 14-32 L

FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97301 W14A	APP CRS 133°	Rwy Idg 9002 TDZE 27 Apt Elev 28

RNAV (GPS) RWY 14

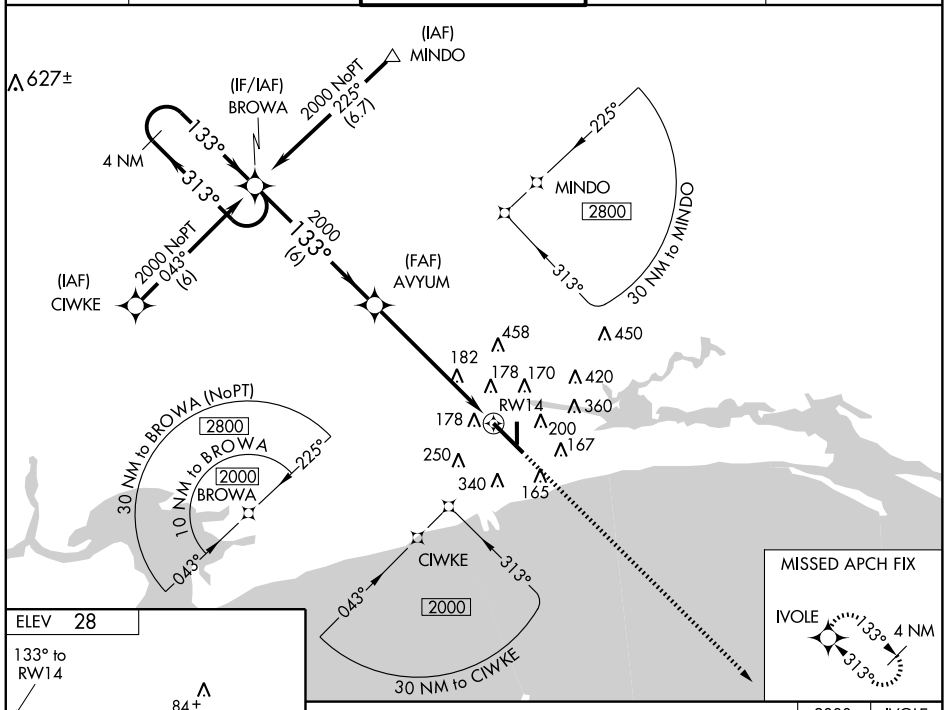
GULFPORT-BILOXI INTL (GPT)

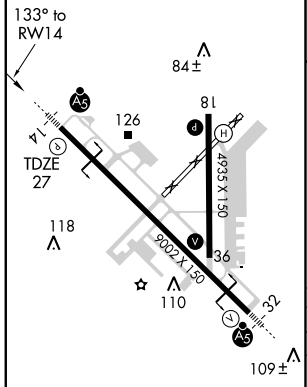
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Pascagoula altimeter setting and increase all DA 67 feet and all MDA 80 feet, increase LNAV/VNAV visibility all Cats to RVR 6000 and increase circling Cat C and D visibility ¼ mile.
ASR For inoperative MALSR increase LNAV Cat D visibility to RVR 6000. For inoperative MALSR when using Pascagoula altimeter setting, increase LPV visibility all Cats to RVR 5000.
VDP and Baro-VNAV NA when using Pascagoula altimeter setting.

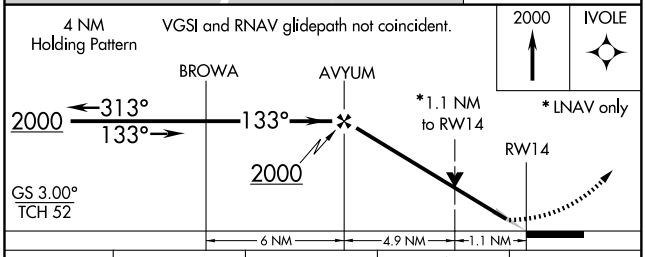
MALSR

MISSED APPROACH: Climb to 2000 direct IVOLE and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95







CATEGORY	A	B	C	D
LPV DA	227/24 200 (200-½)			
LNAV/VNAV DA	464/50 437 (500-1)			
LNAV MDA	440/24 413 (500-½)		440/40 413 (500-¾)	440/50 413 (500-1)
CIRCLING	500-1 472 (500-1)	560-1 532 (600-1)	640-1¾ 612 (700-1¾)	660-2 632 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 69512 W18A	APP CRS 178°	Rwy Idg 4935 TDZE 27 Apt Elev 28

RNAV (GPS) RWY 18

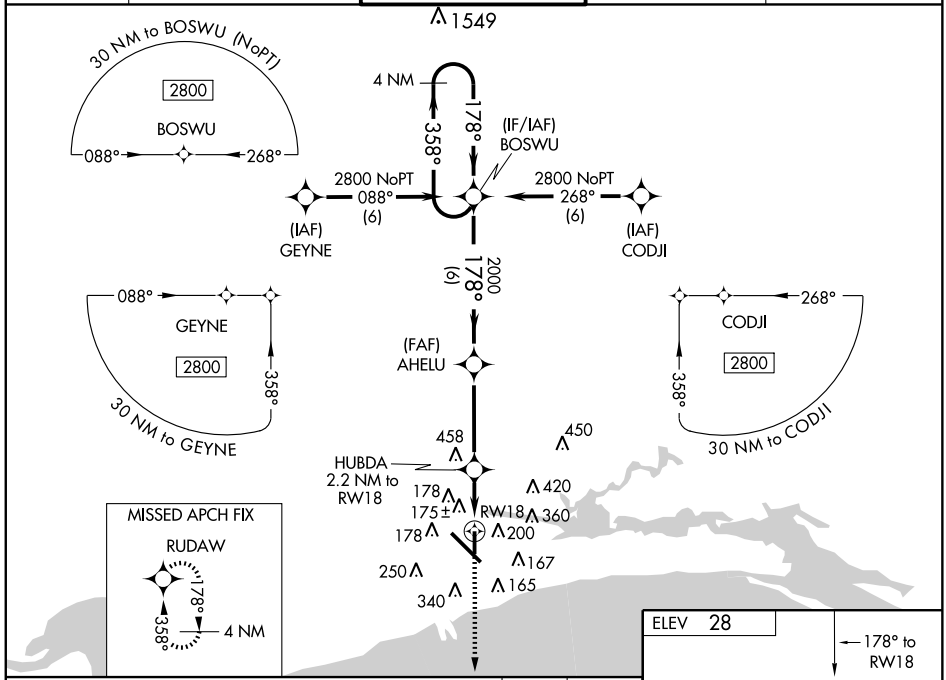
GULFPORT-BILOXI INTL (GPT)

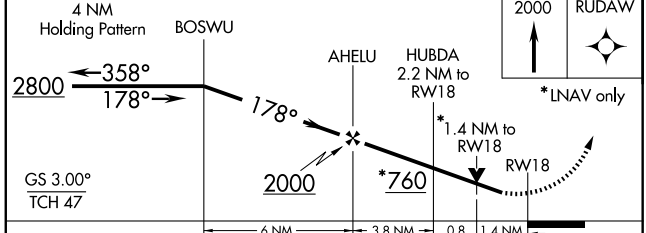
ASR

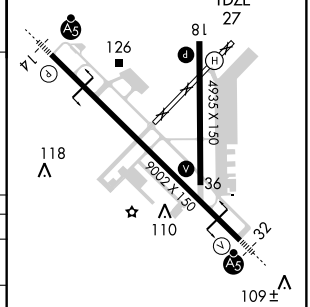
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Pascagoula altimeter setting and increase all DA 67 feet and circling MDA 80 feet and increase LPV and LNAV/VNAV all Cats and circling Cat C and D visibility ¼ mile. LNAV minimums NA when using Pascagoula altimeter setting. VDP and Baro-VNAV NA when using Pascagoula altimeter setting.

MISSED APPROACH: Climb to 2000 direct RUDAW and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95







CATEGORY	A	B	C	D
LPV DA	306-1 279 (300-1)			
LNAV/VNAV DA	464-1½ 437 (500-1½)			
LNAV MDA	500-1 473 (500-1)		500-1¼ 473 (500-1¼)	500-1½ 473 (500-1½)
CIRCLING	500-1 472 (500-1)	560-1 532 (600-1)	640-1¾ 612 (700-1¾)	660-2 632 (700-2)

MIRL Rwy 18-36
HIRL Rwy 14-32 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 56207 W32A	APP CRS 313°	Rwy Idg 9002 TDZE 28 Apt Elev 28

RNAV (GPS) RWY 32

GULFPORT-BILOXI INTL (GPT)

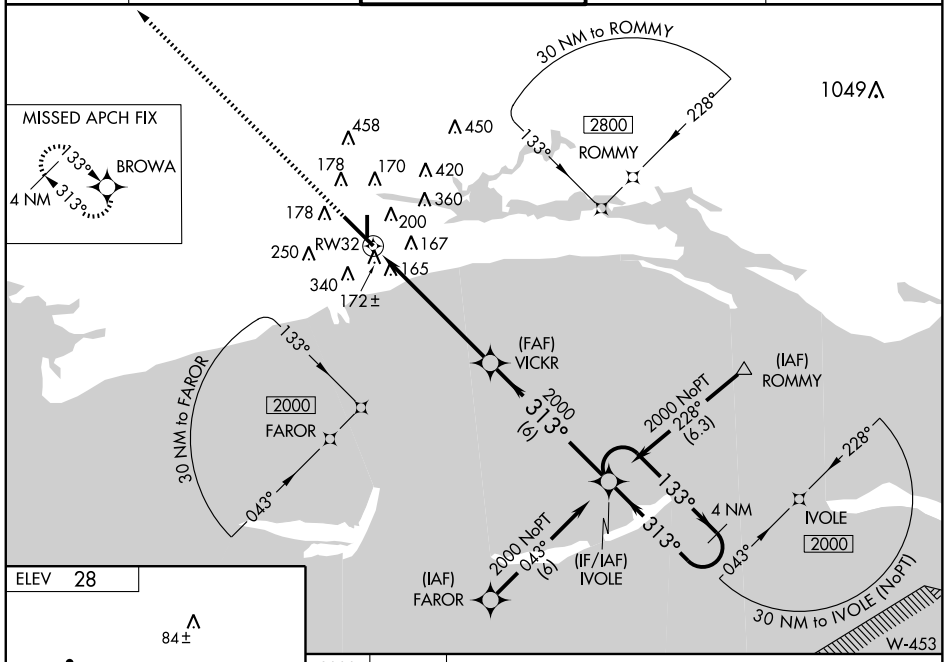
ASR

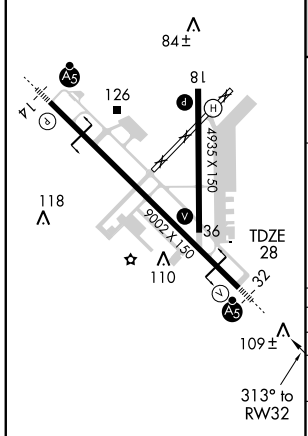
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Pascagoula altimeter setting and increase all DA 67 feet and all MDA 80 feet, increase LNAV/VNAV visibility all Cats to 1½ mile, LNAV visibility Cat C to RVR 5000, Cat D to RVR 6000, increase circling visibility Cat C to 2 and Cat D to 2¼ mile. Inoperative table does not apply to LPV all Cats. For inoperative MALSR, increase LNAV Cat A and B visibility to RVR 5000. For inoperative MALSR when using Pascagoula altimeter setting, increase LNAV Cat A and B visibility to RVR 5000. VDP and Baro-VNAV NA when using Pascagoula altimeter setting.

MALSR

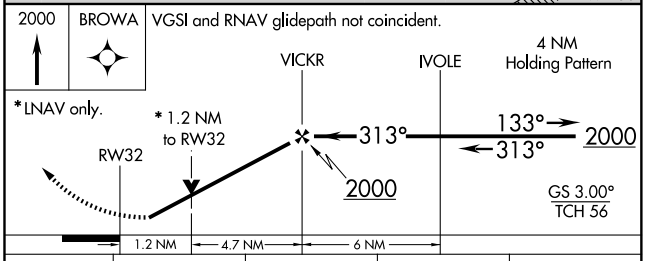
MISSED APPROACH: Climb to 2000 direct BROWA and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95





MIRL Rwy 18-36
HIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LPV DA	228/40 200 (200-¾)			
LNAV/VNAV DA	525/60 497 (500-1¼)			
LNAV MDA	460/40 432 (500-¾)			460/50 432 (500-1)
CIRCLING	500-1 472 (500-1)	560-1 532 (600-1)	640-1¾ 612 (700-1¾)	660-2 632 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 42812 W36A	APP CRS 358°	Rwy Idg 4935 TDZE 28 Apt Elev 28

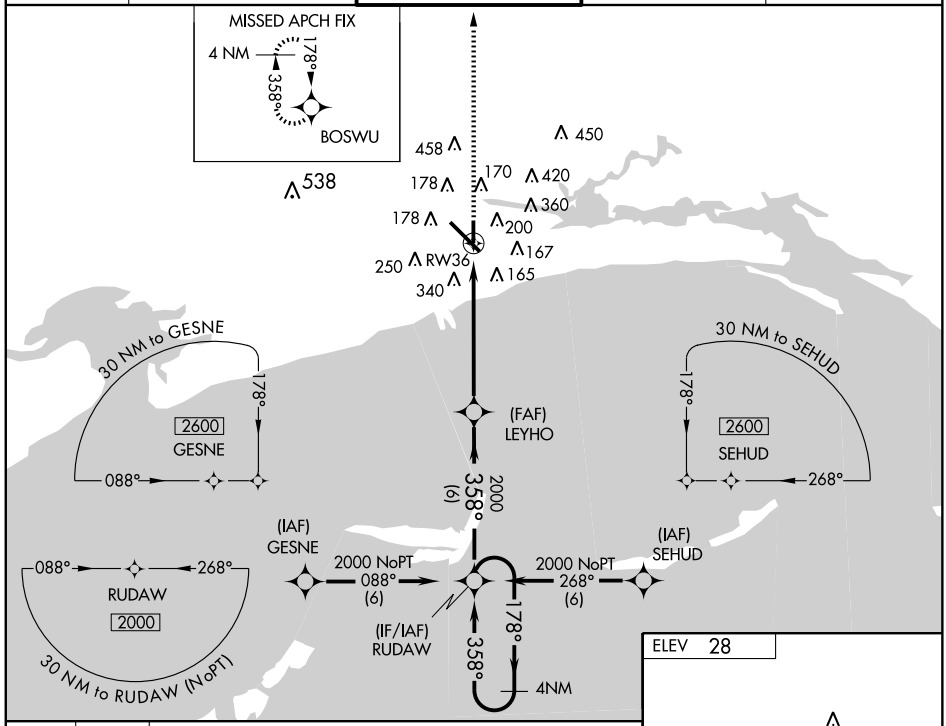
RNAV (GPS) RWY 36

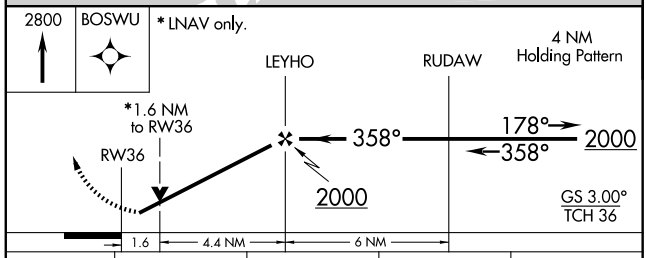
GULFPORT-BILOXI INTL (GPT)

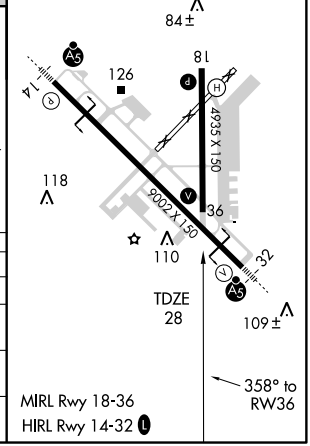
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Pascagoula altimeter setting and increase all DA 67 feet and all MDA 80 feet and ASR increase LPV and LNAV/VNAV all Cats, LNAV and circling Cats C and D visibility ¼ mile. VDP and Baro-VNAV NA when using Pascagoula altimeter setting.

MISSED APPROACH: Climb to 2800 direct BOSWU and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95







CATEGORY	A	B	C	D
LPV DA	328-1 300 (300-1)			
LNAV/VNAV DA	660-2¼ 632 (700-2¼)			
LNAV MDA	580-1 552 (600-1)		580-1½ 552 (600-1½)	580-1¾ 552 (600-1¾)
CIRCLING	580-1 552 (600-1)		640-1¾ 612 (700-1¾)	660-2 632 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC GPT	APP CRS	Rwy Idg	9002
109.0	140°	TDZE	27
Chan 27		Apt Elev	28

VOR/DME or TACAN RWY 14

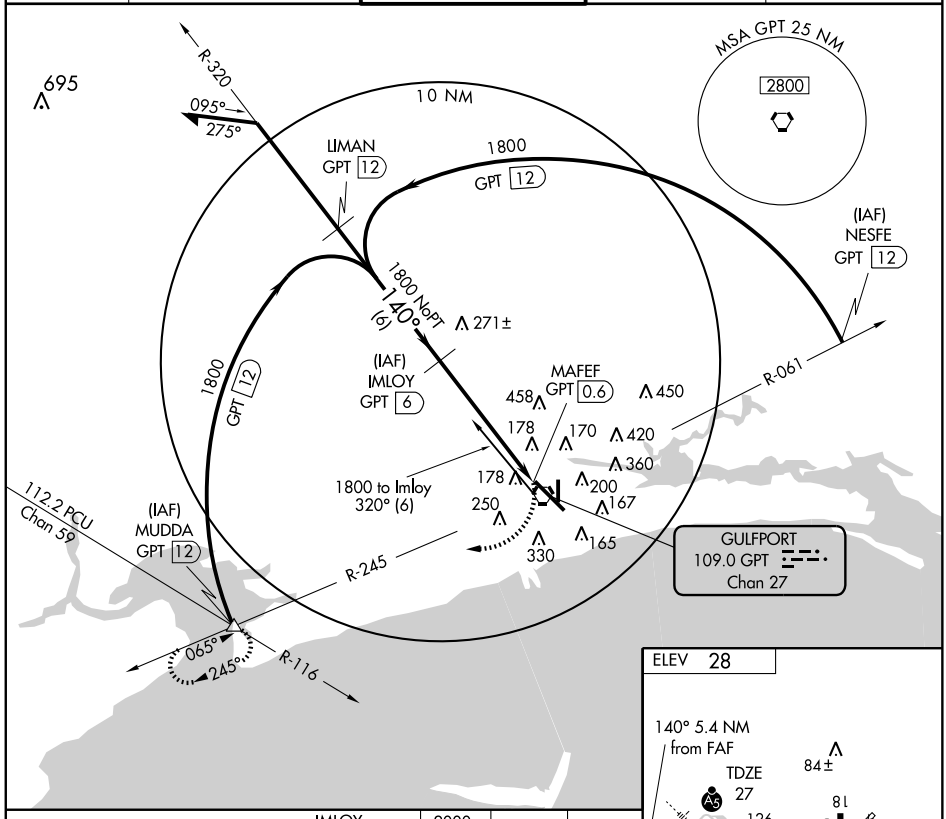
GULFPORT-BILOXI INTL (GPT)

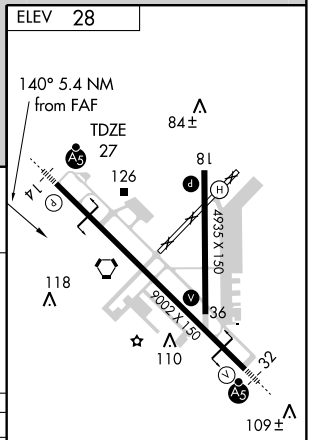
ASR — For inoperative MALSR increase S-14 Cat D visibility to RVR 6000 and Cat E visibility to 1½ mile.

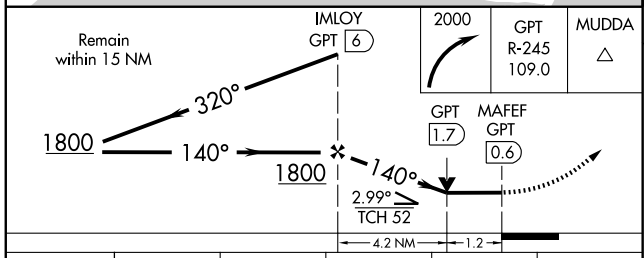
MALSR

MISSED APPROACH: Climbing right turn to 2000 via GPT R-245 to MUDDA Int/12 DME and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95







CATEGORY	A	B	C	D	E
S-14	440/24	413 (500-½)	440/40 413 (500-¾)	440/50	413 (500-1)
CIRCLING	500-1 472 (500-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

MIRL Rwy 18-36
HIRL Rwy 14-32 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC GPT	APP CRS	Rwy Idg	9002
109.0	307°	TDZE	28
Chan 27		Apt Elev	28

VOR/DME or TACAN RWY 32

GULFPORT-BILOXI INTL (GPT)

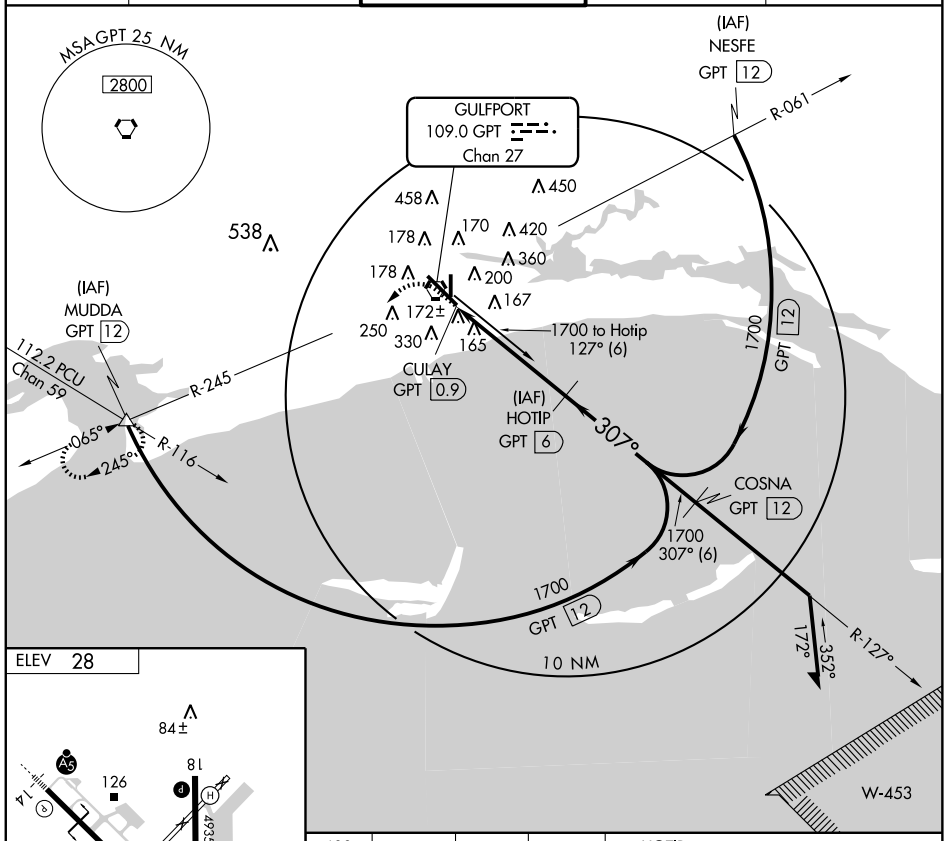
ASR

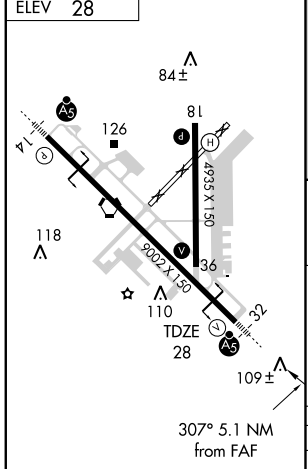
For inoperative MALSR increase S-32 Cats A, B visibility to RVR 5000, Cat D to RVR 6000 and Cat E to 1½ miles.

MALSR

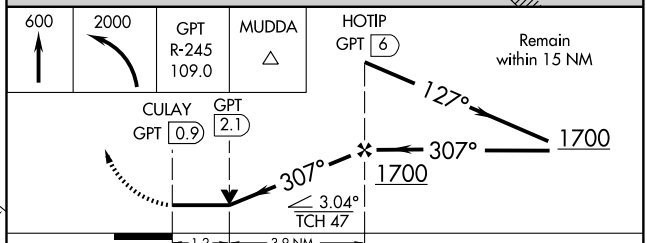
MISSED APPROACH: Climb to 600 then climbing left turn to 2000 via GPT R-245 to MUDDA Int/GPT 12 DME and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95





MIRL Rwy 18-36
HIRL Rwy 14-32 L



CATEGORY	A	B	C	D	E
S-32	440/40 412 (500-¾)			440/50	412 (500-1)
CIRCLING	500-1 472 (500-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)	820-2¾ 792 (800-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC GPT 109.0 Chan 27	APP CRS 136°	Rwy Idg 9002 TDZE 27 Apt Elev 28

VOR RWY 14

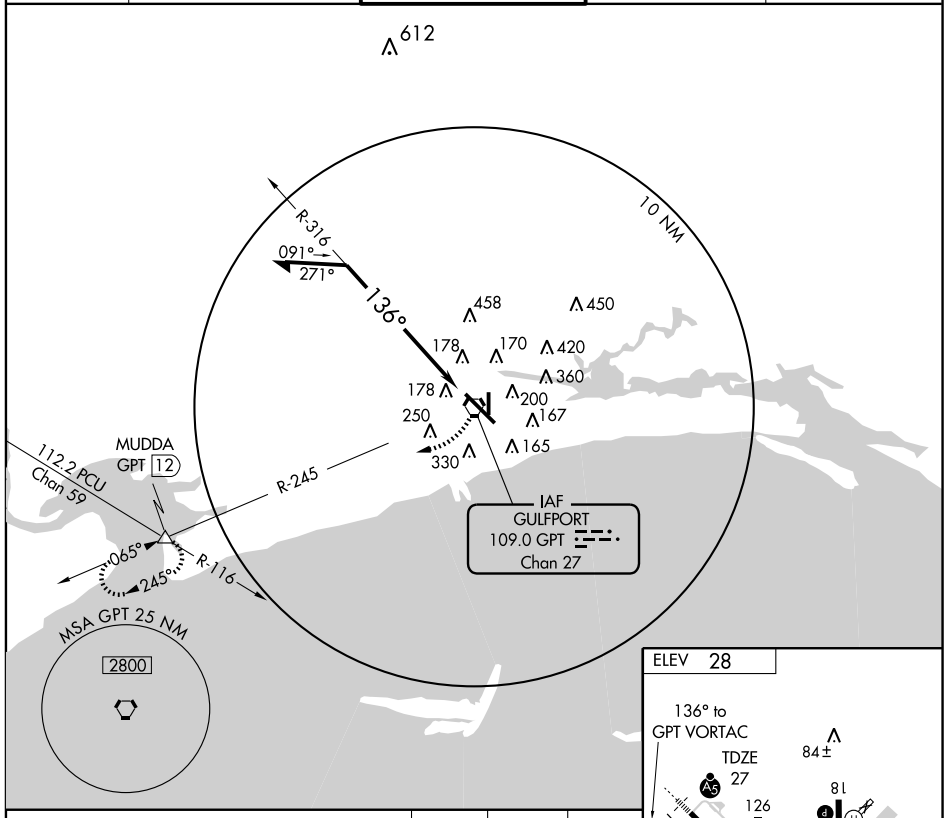
GULFPORT-BILOXI INTL (GPT)

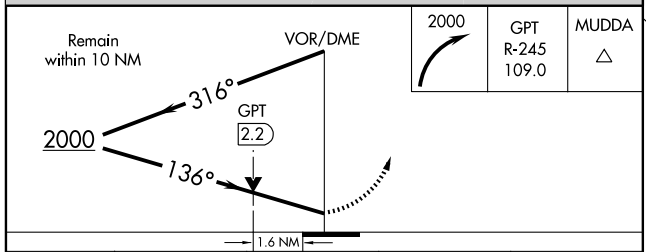
ASR

MALSR

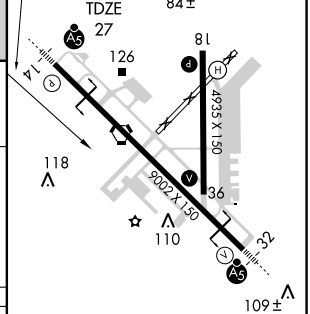
MISSED APPROACH: Climbing right turn to 2000 via GPT R-245 to MUDDA Int/12 DME and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) (L) 339.8	120.4 348.6	122.95





2000	GPT R-245 109.0	MUDDA △



CATEGORY	A	B	C	D
S-14	580/24 553 (600-½)		580/50 553 (600-1)	580/60 553 (600-1¼)
CIRCLING	580-1 552 (600-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)

MIRL Rwy 18-36
HIRL Rwy 14-32 (L)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC GPT	APP CRS	Rwy Idg	9002
109.0	308°	TDZE	28
Chan 27		Apt Elev	28

VOR RWY 32

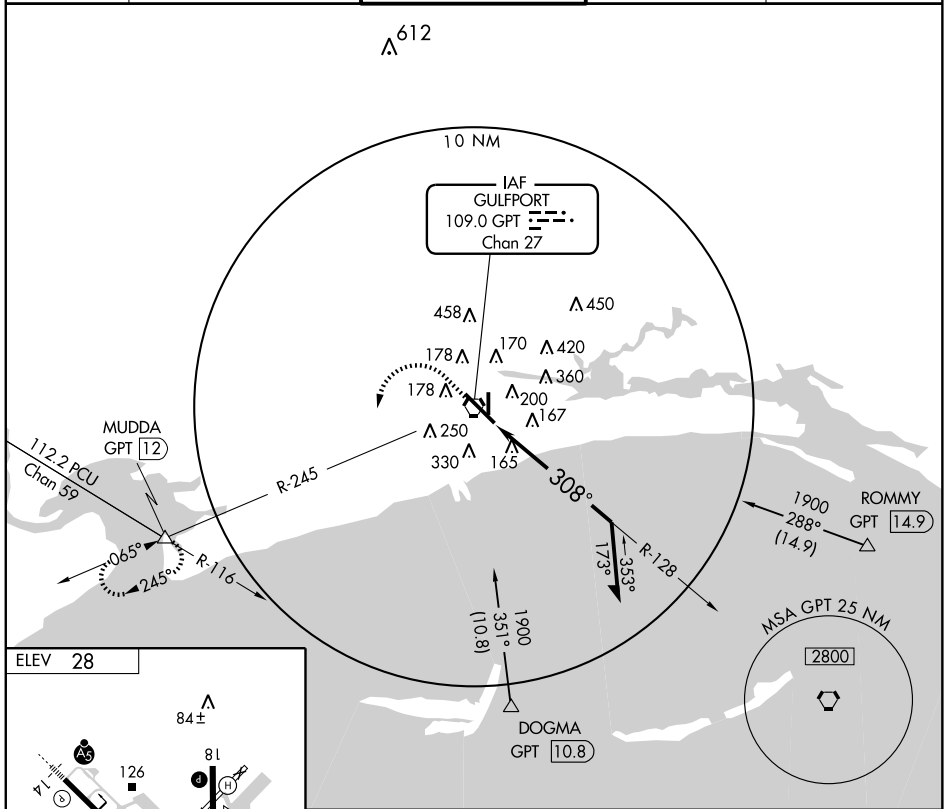
GULFPORT-BILOXI INTL (GPT)

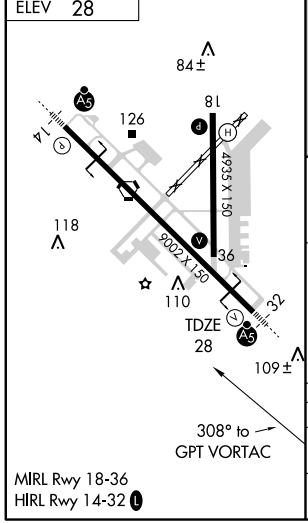
ASR — For inoperative MALSR increase S-32 Cats A and B visibility to RVR 5000.

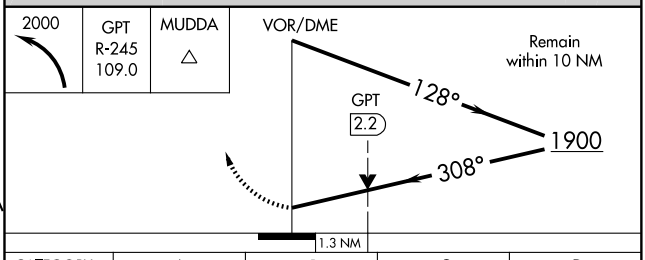
MALSR

MISSED APPROACH: Climbing left turn to 2000 via GPT R-245 to MUDDA Int/12 DME and hold.

ATIS	GULFPORT APP CON ★	GULFPORT TOWER ★	GND CON	UNICOM
119.45	124.6 254.25	123.7 (CTAF) L 339.8	120.4 348.6	122.95







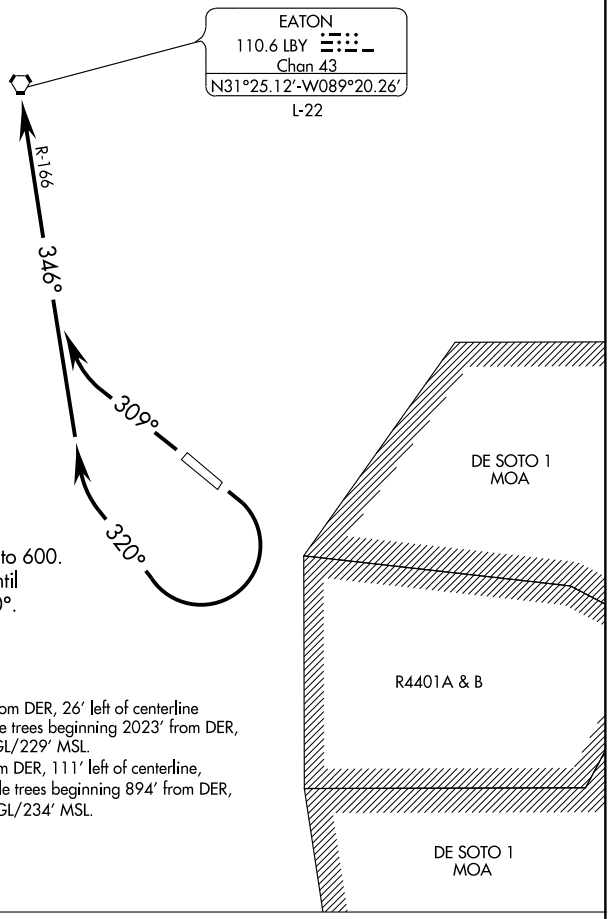
CATEGORY	A	B	C	D
S-32	480/40 452 (500-¾)			480/50 452 (500-1)
CIRCLING	500-1 472 (500-1)	660-1 632 (700-1)	660-1¾ 632 (700-1¾)	660-2 632 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

EATON ONE DEPARTURE

HATTIESBURG BOBBY L. CHAIN MUNI (HBG)
HATTIESBURG, MISSISSIPPI

ASOS 135.425
HOUSTON CENTER
126.8 327.8
CTAF 122.8



TAKEOFF MINIMUMS:
Rwy 13, ATC climb of 300' per NM to 600.
Rwy 13, Do not exceed 230 knots until established on heading 320°.
Rwy 31, Standard.

TAKE-OFF OBSTACLES:
Rwy 13: Numerous trees beginning 1184' from DER, 26' left of centerline up to 111' AGL/251' MSL. Multiple trees beginning 2023' from DER, 49' right of centerline, up to 89' AGL/229' MSL.
Rwy 31: Numerous trees beginning 189' from DER, 111' left of centerline, up to 103' AGL/253' MSL. Multiple trees beginning 894' from DER, 69' right of centerline, up to 84' AGL/234' MSL.

Note: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 13: Climbing right turn heading 320° and LBY VORTAC R-166 to LBY VORTAC. Thence . . . .

TAKE-OFF RUNWAY 31: Climb heading 309° and LBY VORTAC R-166 to LBY VORTAC. Thence . . . .

. . . . Maintain 3000 or ATC assigned altitude. Expect clearance to filed altitude 10 minutes after departure.

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5098
129°	TDZE	151
	Apt Elev	151

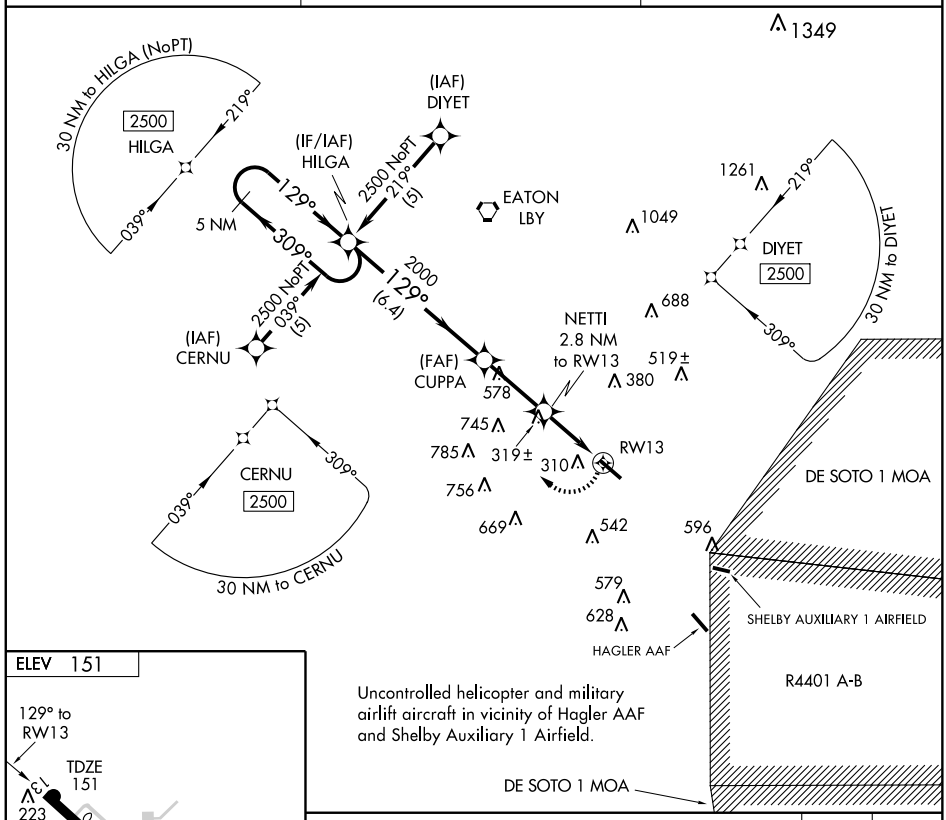
RNAV (GPS) Y RWY 13

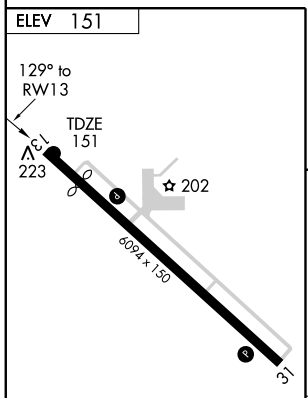
HATTIESBURG BOBBY L. CHAIN MUNI (HBG)

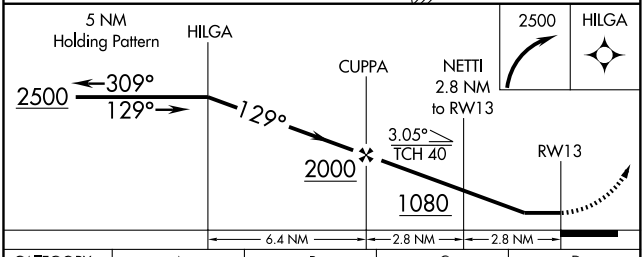
If local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting and increase all MDAs 60 feet.
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing right turn to 2500 direct HILGA and hold.

ASOS	HOUSTON CENTER	UNICOM
135.425	126.8 327.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	580-1 429 (500-1)		580-1¼ 429 (500-1¼)	580-1½ 429 (500-1½)
CIRCLING	680-1 529 (600-1)	700-1 549 (600-1)	720-1½ 569 (600-1½)	720-2 569 (600-2)

REIL Rwy 13 L
HIRL Rwy 13-31 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5098
CH 86403	129°	TDZE	151
W13A		Apt Elev	151

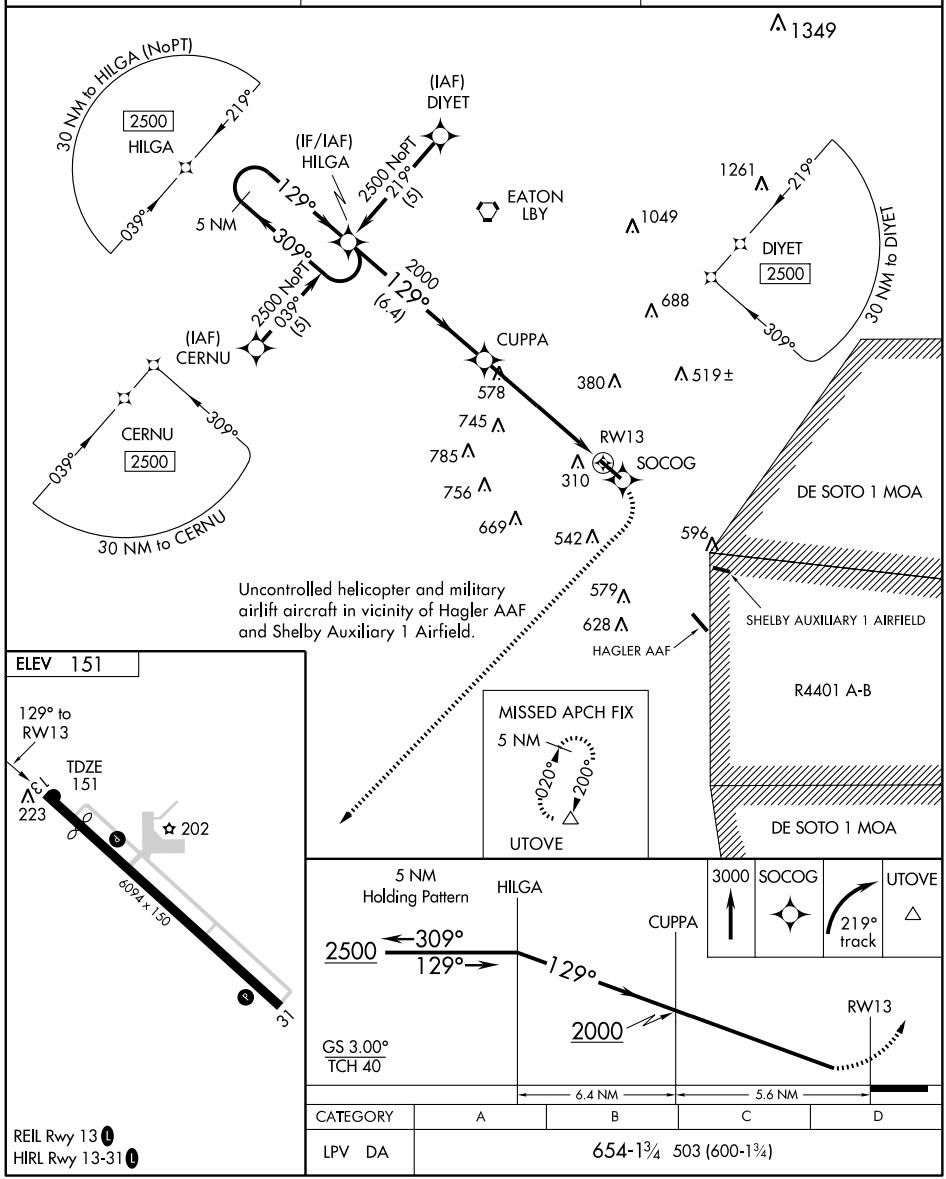
RNAV (GPS) Z RWY 13

HATTIESBURG BOBBY L. CHAIN MUNI (HBG)

If local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting and increase DA to 705 feet.
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 direct SOCOG and right turn via 219° track to UTOVE and hold.

ASOS	HOUSTON CENTER	UNICOM
135.425	126.8 327.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	654-1¾ 503 (600-1¾)			

REIL Rwy 13 L
HIRL Rwy 13-31 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LBY	APP CRS	Rwy Idg	5098
110.6	151°	TDZE	151
Chan 43		Apt Elev	151

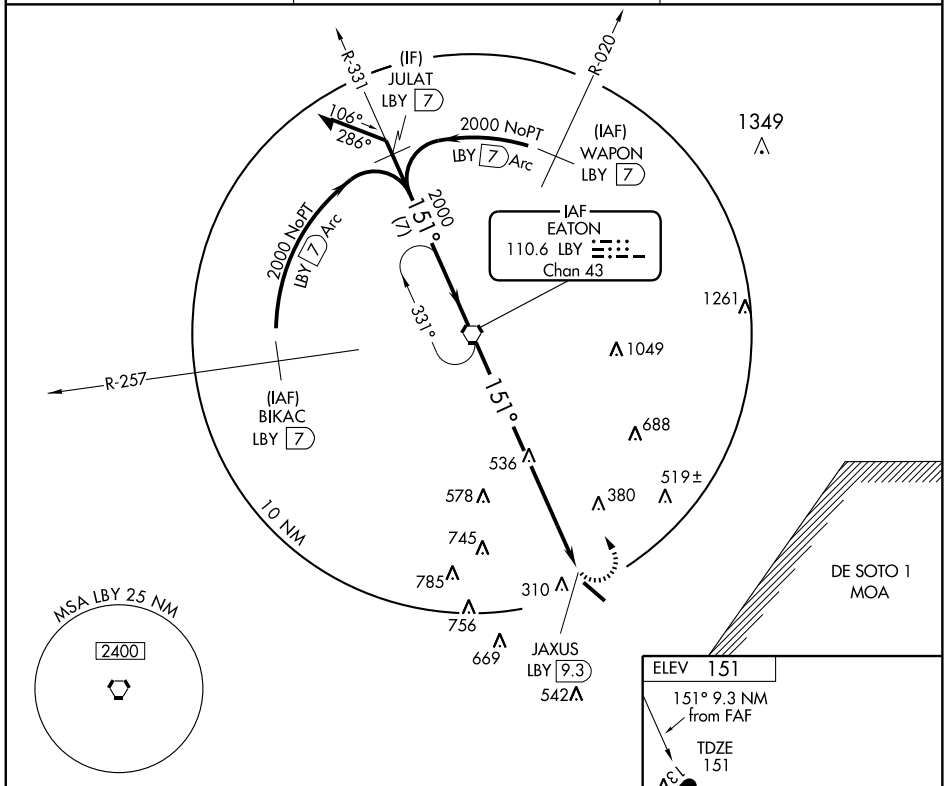
VOR RWY 13

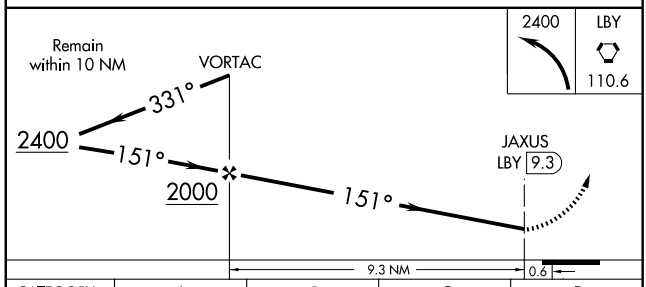
HATTIESBURG BOBBY L. CHAIN MUNI (HBG)

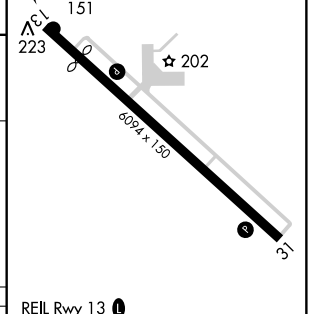
When local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing left turn to 2400 direct LBY VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
135.425	126.8 327.8	122.8 (CTAF) L







REIL Rwy 13 L
HIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-13	2000-1¼ 1849 (1900-1¼)	2000-1½ 1849 (1900-1½)	2000-3 1849 (1900-3)	
CIRCLING	2000-1¼ 1849 (1900-1¼)	2000-1½ 1849 (1900-1½)	2000-3 1849 (1900-3)	

FAF to MAP 9.3 NM

Knots	60	90	120	150	180
Min:Sec	9:18	6:12	4:39	3:43	3:06

SC-4, 17 DEC 2009 to 14 JAN 2010

HATTIESBURG/LAUREL, MISSISSIPPI

AL-6134 (FAA)

ILS RWY 18

HATTIESBURG-LAUREL RGNL (PIB)

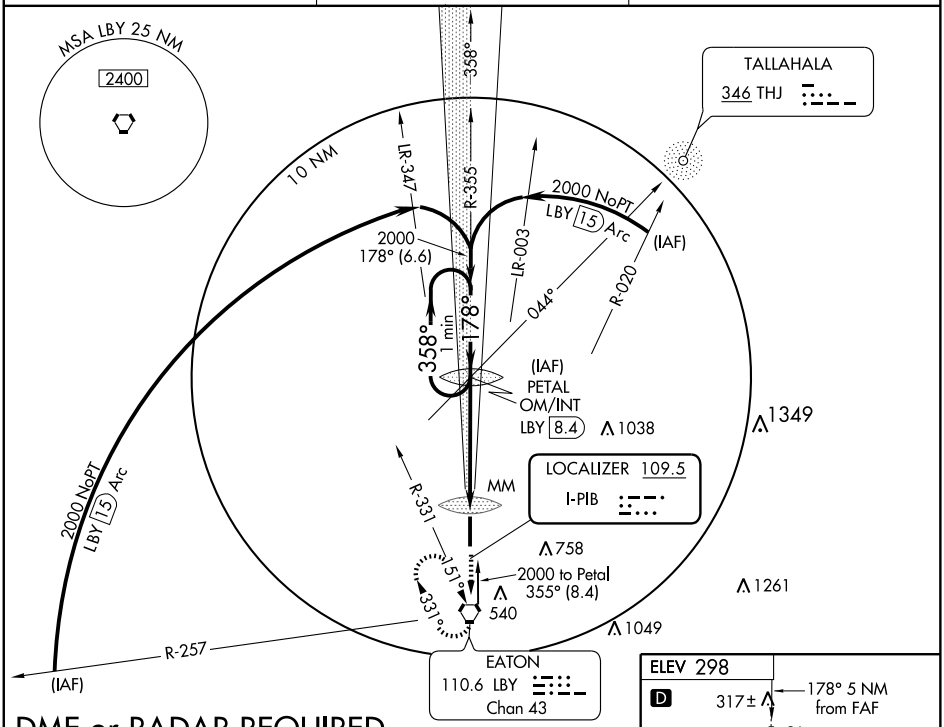
LOC I-PIB	APP CRS	Rwy Idg	6501
109.5	178°	TDZE	298
		Apt Elev	298

If local altimeter not received use McComb altimeter setting and increase all DHs and MDAs 280 feet.

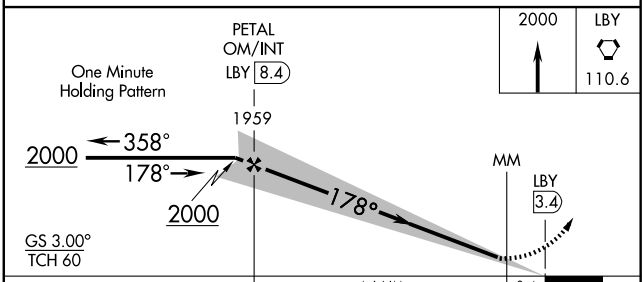
MALSR

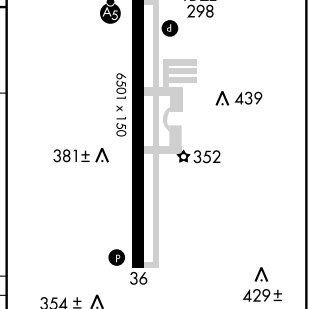
MISSED APPROACH: Climb to 2000 direct LBY Vortac and hold.

AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	123.0 (CTAF) L



DME or RADAR REQUIRED





CATEGORY	A	B	C	D
S-ILS 18	498-½ 200 (200-½)			
S-LOC 18	720-½ 422 (500-½)		720-¾ 422 (500-¾)	
CIRCLING	760-1 462 (500-1)		760-1½ 462 (500-1½)	860-2 562 (600-2)

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-4, 17 DEC 2009 to 14 JAN 2010

HATTIESBURG/LAUREL, MISSISSIPPI

WAAS	APP CRS	Rwy Idg	6501
CH 49201	178°	TDZE	298
W18A		Apt Elev	298

AL-6134 (FAA)

RNAV (GPS) RWY 18

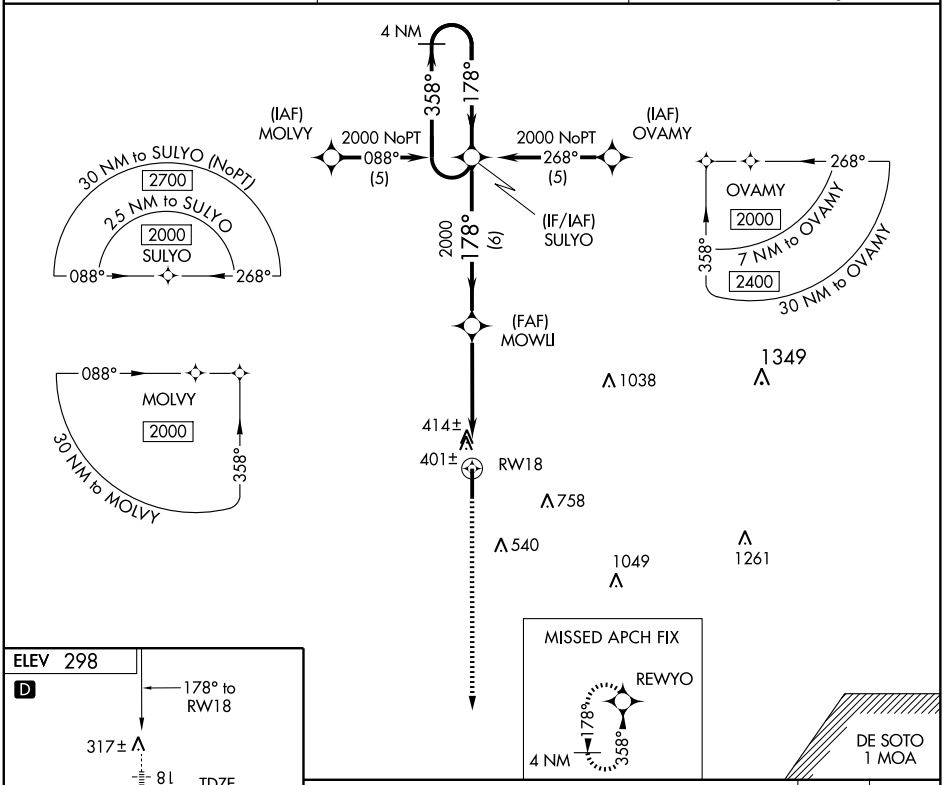
HATTIESBURG-LAUREL RGNL (PIB)

DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). Visibility reduction by helicopters NA. For inoperative MALSR, increase LPV and LNAV/VNAV all Cats and LNAV Cat D visibilities to 1¼. Inoperative table does not apply to LNAV Cats A/B/C.

MALSR

MISSED APPROACH: Climb to 2000 direct REWYO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	123.0 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	640-1 342 (400-1)			
LNAV/VNAV DA	691-1 393 (400-1)			
LNAV MDA	680-1 382 (400-1)			
CIRCLING	740-1¼ 442 (500-1¼)	760-1¼ 462 (500-1¼)	760-1½ 462 (500-1½)	860-2 562 (600-2)

HIRL Rwy 18-36 L
REIL Rwy 18 and 36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93901 W36A	APP CRS 358°	Rwy Idg 6501 TDZE 296 Apt Elev 298

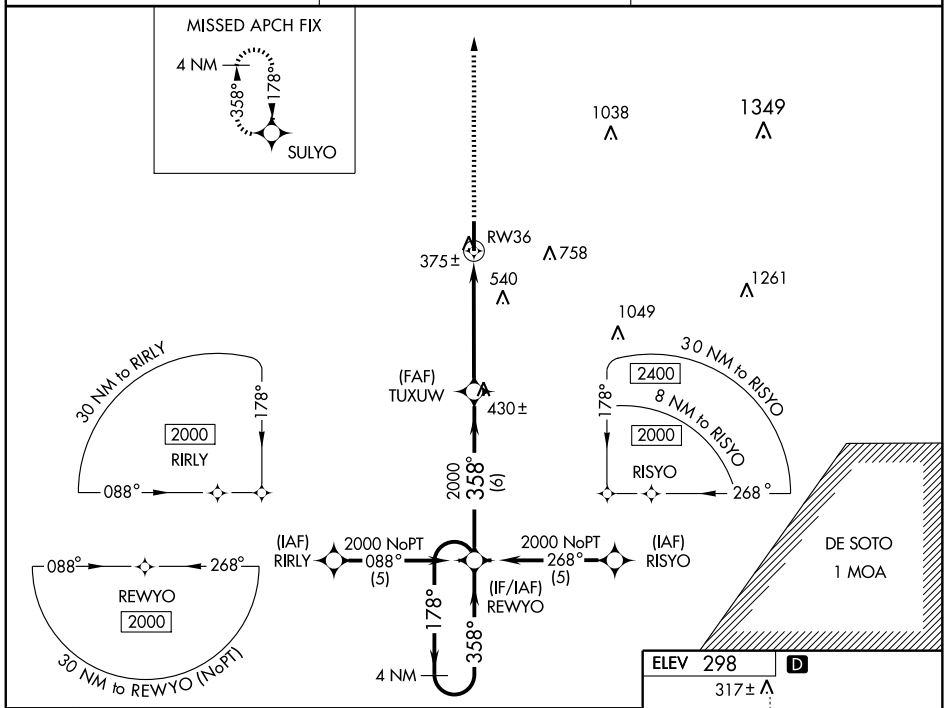
RNAV (GPS) RWY 36

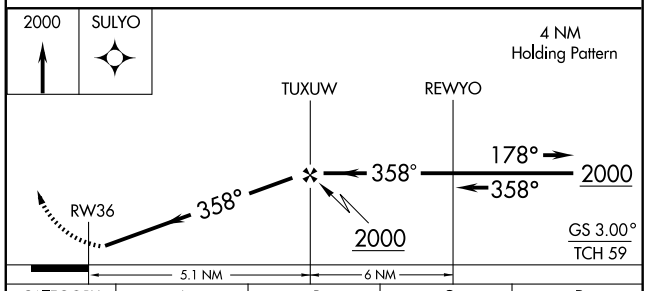
HATTIESBURG-LAUREL RGNL (PIB)

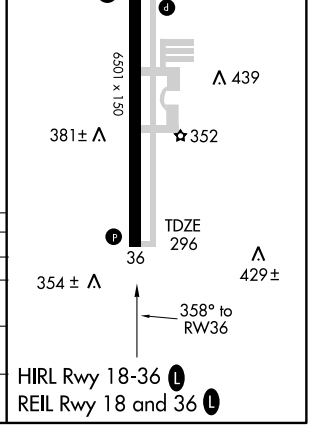
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct SULYO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	569-1 273 (300-1)			
LNAV/VNAV DA	625-1 329 (400-1)			
LNAV MDA	680-1 384 (400-1)			680-1¼ 384 (400-1¼)
CIRCLING	740-1 442 (500-1)	760-1 462 (500-1)	760-1½ 462 (500-1½)	860-2 562 (600-2)

HIRL Rwy 18-36 L
REIL Rwy 18 and 36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

HATTIESBURG/LAUREL, MISSISSIPPI

VORTAC LBY	APP CRS	Rwy Idg	N/A
110.6	356°	TDZE	N/A
Chan 43		Apt Elev	298

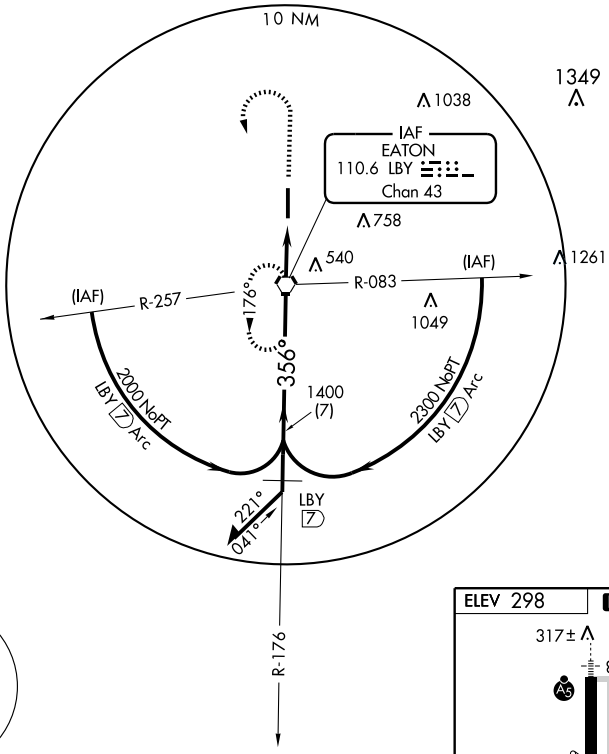
AL-6134 (FAA)

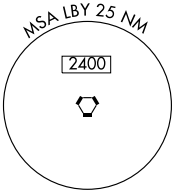
VOR-A

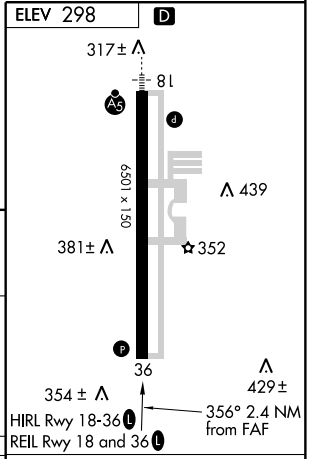
HATTIESBURG-LAUREL RGNL (PIB)

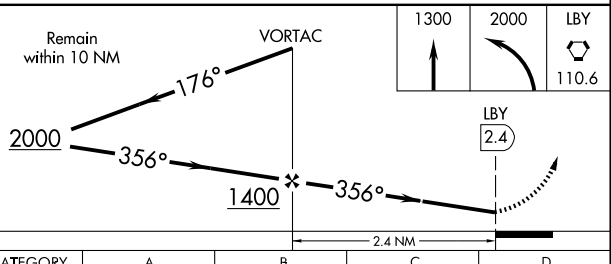
MISSED APPROACH: Climb to 1300 then climbing left turn to 2000 direct LBY VORTAC and hold.

AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	123.0 (CTAF) L









CATEGORY	A	B	C	D
CIRCLING	740-1 442 (500-1)	760-1 462 (500-1)	760-1½ 462 (500-1½)	860-2 562 (600-2)

FAF to MAP 2.4 NM

Knots	60	90	120	150	180
Min:Sec	2:24	1:36	1:12	0:58	0:48

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC HLI	APP CRS	Rwy Idg	3201
112.4	152°	TDZE	553
Chan 71		Apt Elev	553

VOR/DME or GPS RWY 18

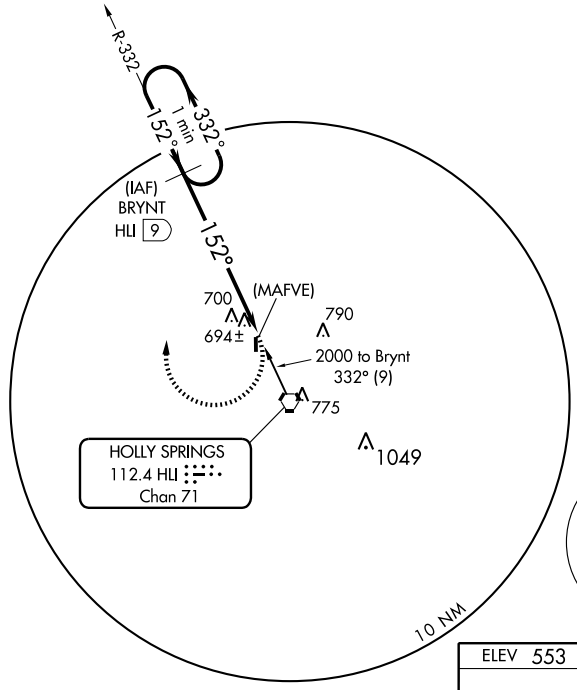
HOLLY SPRINGS-MARSHALL COUNTY (M41)

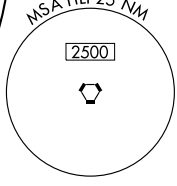
Use Memphis altimeter setting.

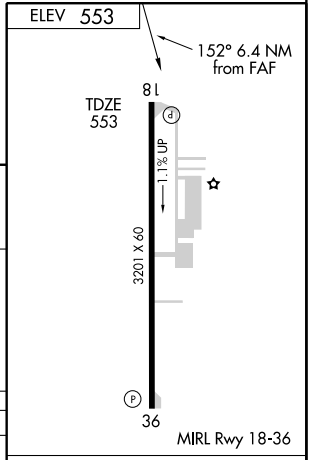
NA

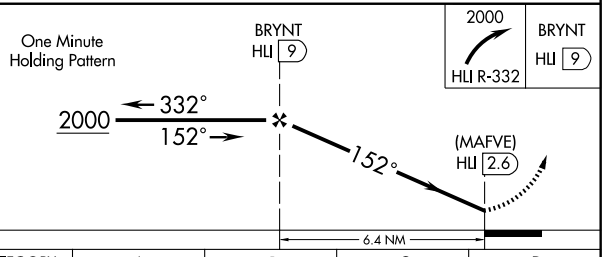
MISSED APPROACH: Climbing right turn to 2000 via HLI R-332 to BRYNT HLI 9 DME and hold.

MEMPHIS APP CON	UNICOM
125.8 338.3	122.8 (CTAF)









CATEGORY	A	B	C	D
S-18	1080-1 527 (600-1)		1080-1½ 527 (600-1½)	NA
CIRCLING	1120-1 567 (600-1)	1140-1 587 (600-1)	1140-1½ 587 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB IDL	APP CRS	Rwy Idg	7004
284	171°	TDZE	126
		Apt Elev	126

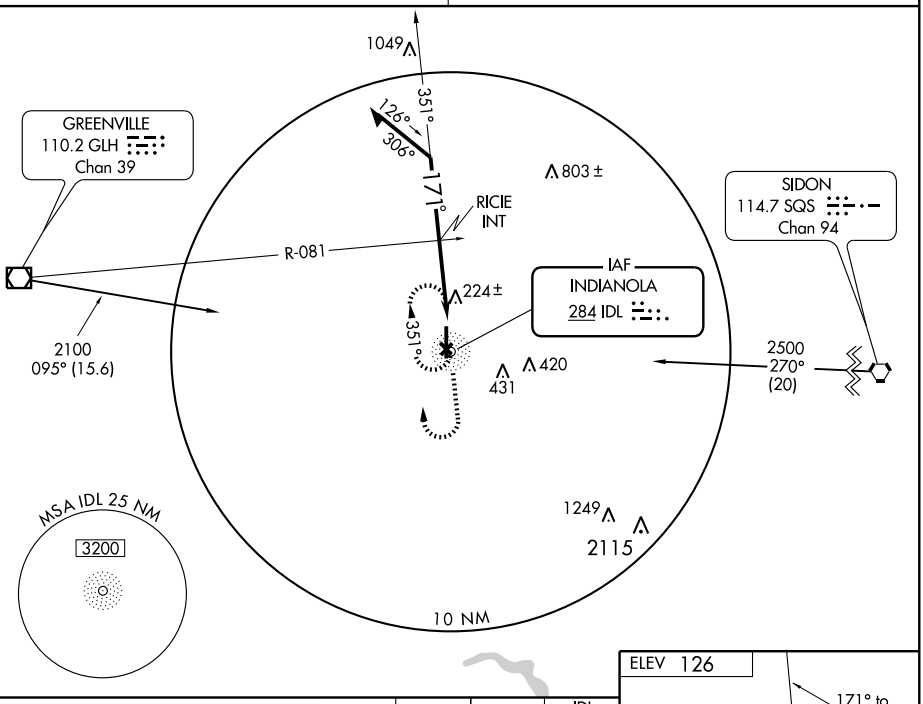
NDB RWY 17

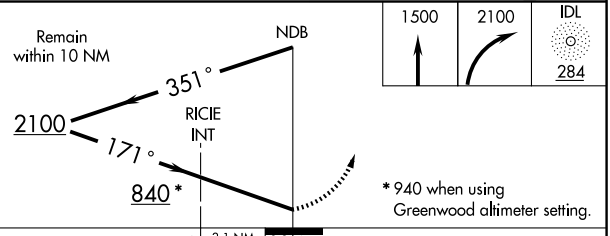
INDIANOLA MUNI (IDL)

Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 100 feet.
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 2100 direct IDL NDB and hold.

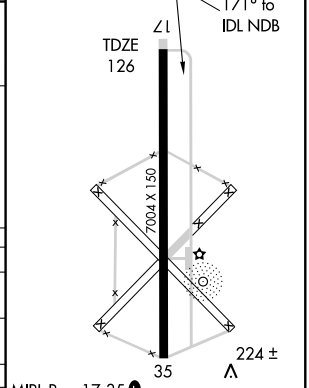
MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF) L





* 940 when using Greenwood altimeter setting.

CATEGORY	A	B	C	D
S-17	840-1	714 (800-1)	840-2 714 (800-2)	840-2¼ 714 (800-2¼)
CIRCLING	840-1	714 (800-1)	840-2 714 (800-2)	840-2¼ 714 (800-2¼)
NDB/VOR MINIMUMS				
S-17	580-1	454 (500-1)	580-1¼ 454 (500-1¼)	580-1½ 454 (500-1½)
CIRCLING	580-1	454 (500-1)	600-1½ 474 (500-1½)	780-2 654 (700-2)



MIRL Rwy 17-35 L

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB IDL 284	APP CRS 007°	Rwy Idg 7004 TDZE 121 Apt Elev 126

NDB RWY 35

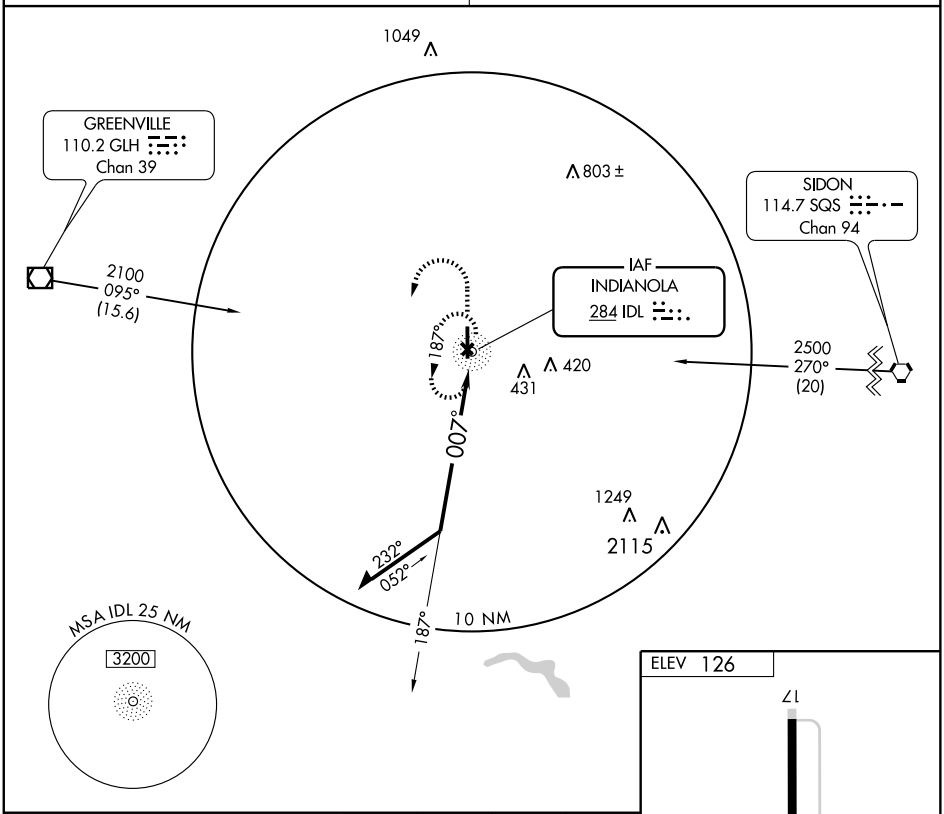
INDIANOLA MUNI (IDL)

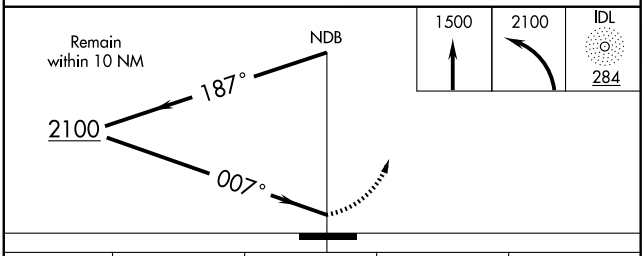
Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 100 feet.

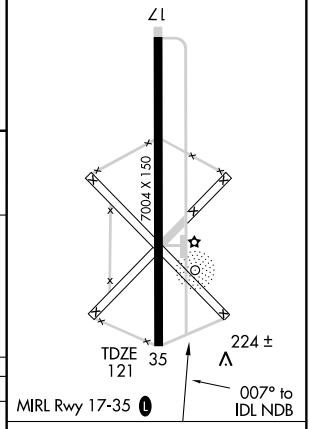
NA

MISSED APPROACH: Climb to 1500 then climbing left turn to 2100 direct IDL NDB and hold.

MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	740-1	619 (700-1)	740-1¾ 619 (700-1¾)	740-2 619 (700-2)
CIRCLING	740-1	614 (700-1)	740-1¾ 614 (700-1¾)	780-2 654 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7004
177°	TDZE	126
	Apt Elev	126

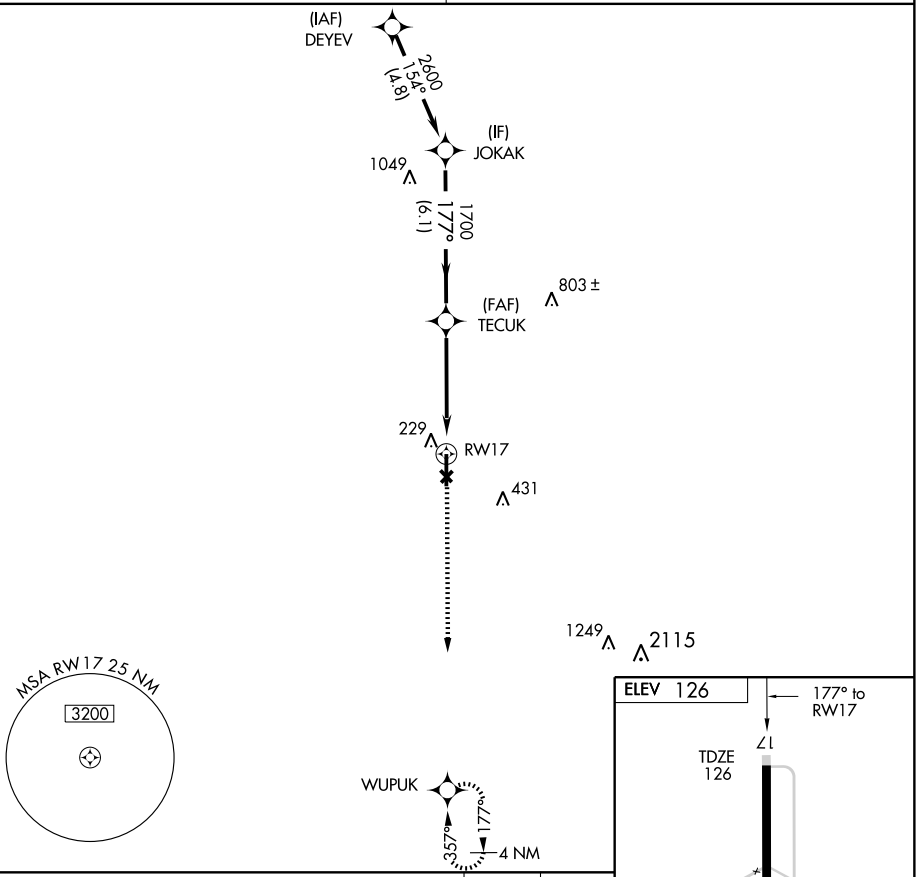
RNAV (GPS) RWY 17

INDIANOLA MUNI (IDL)

DME/DME RNP-0.3 NA. Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 100 feet.

MISSED APPROACH: Climb to 2500 direct WUPUK and hold.

MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	520-1 394 (400-1)			520-1¼ 394 (400-1¼)
CIRCLING	580-1 454 (500-1)		600-1½ 474 (500-1½)	780-2 654 (700-2)

MIRL Rwy 17-35 L

INDIANOLA, MISSISSIPPI

AL-5685 (FAA)

RNAV (GPS) RWY 35

INDIANOLA MUNI (IDL)

APP CRS	Rwy Idg	7004
357°	TDZE	121
	Apt Elev	126

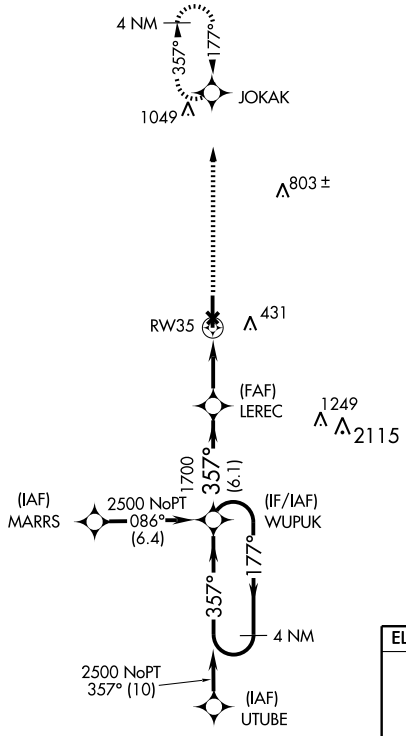
DME/DME RNP-0.3 NA. Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 100 feet.

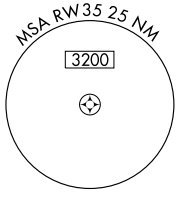
NA

MISSED APPROACH: Climb to 2600 direct JOKAK and hold.

MEMPHIS CENTER
135.875 269.35

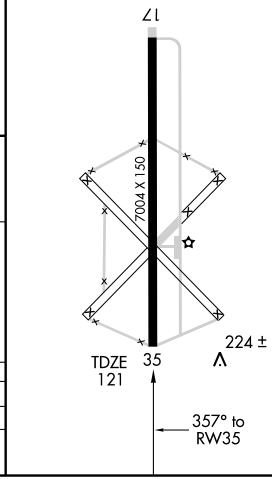
UNICOM
122.8 (CTAF) L

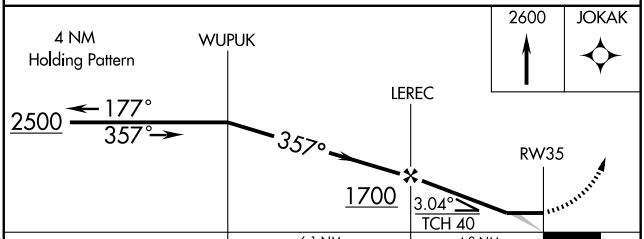




ELEV 126

MIRL Rwy 17-35 L





CATEGORY	A	B	C	D
LNAV MDA	540-1	419 (500-1)	540-1¼	419(500-1¼)
CIRCLING	580-1	454 (500-1)	600-1½ 474 (500-1½)	780-2 654 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC SQS 114.7 Chan 94	APP CRS 271°	Rwy Idg N/A TDZE N/A Apt Elev 126

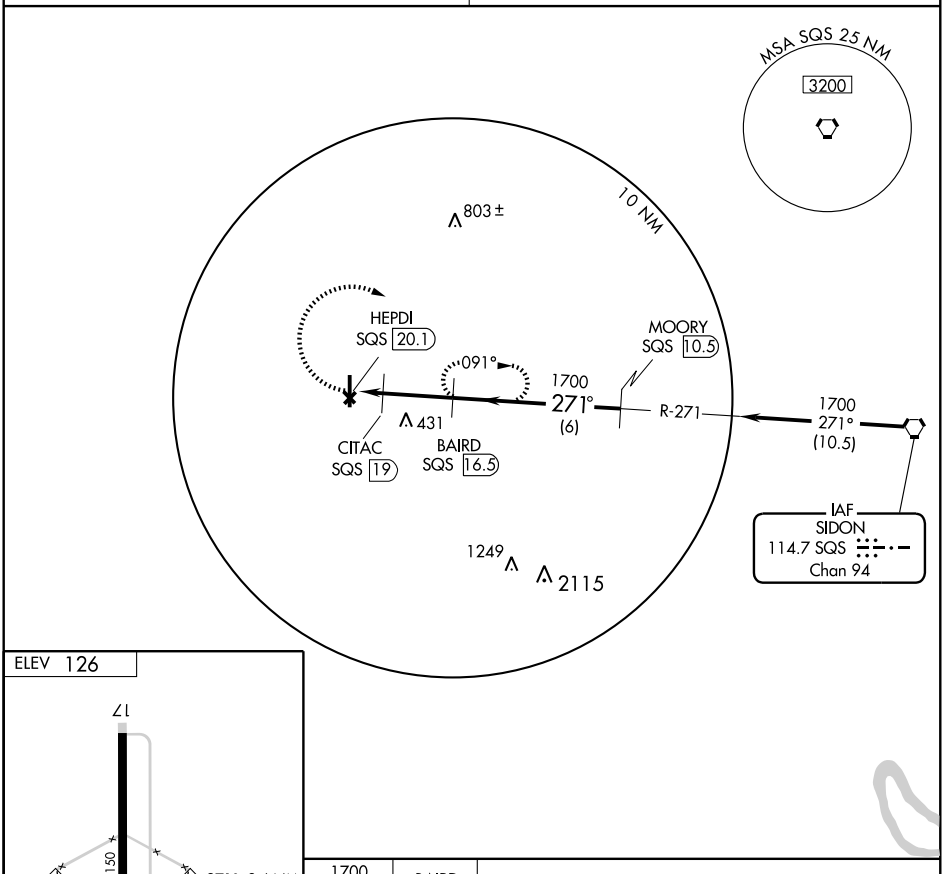
VOR/DME-A

INDIANOLA MUNI (IDL)

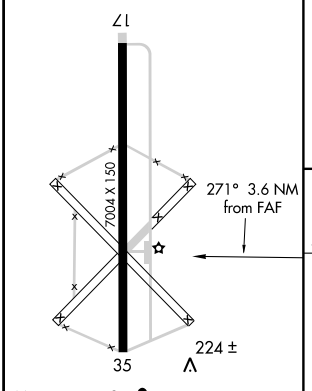
Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 100 feet.
NA

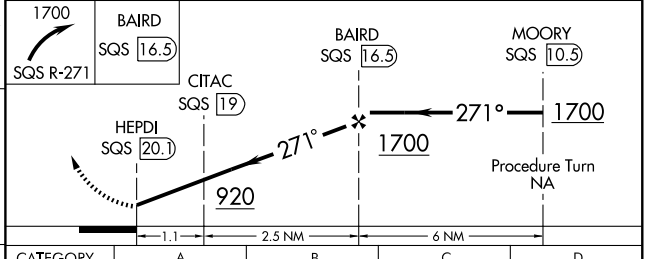
MISSED APPROACH: Climbing right turn to 1700 via SQS R-271 to BAIRD 16.5 DME and hold.

MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF) L



ELEV 126





Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	580-1 454 (500-1)	580-1¼ 454 (500-1¼)	600-1½ 474 (500-1½)	780-2 654 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

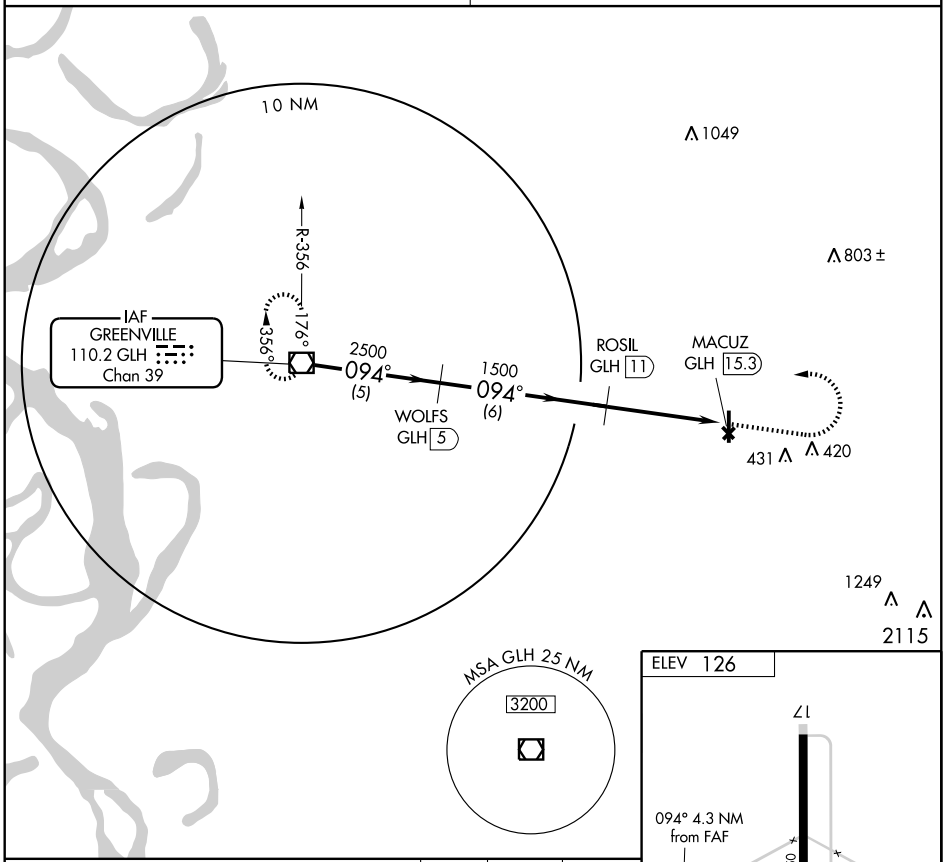
VOR/DME GLH	APP CRS	Rwy Idg	N/A
110.2	094°	TDZE	N/A
Chan 39		Apt Elev	126

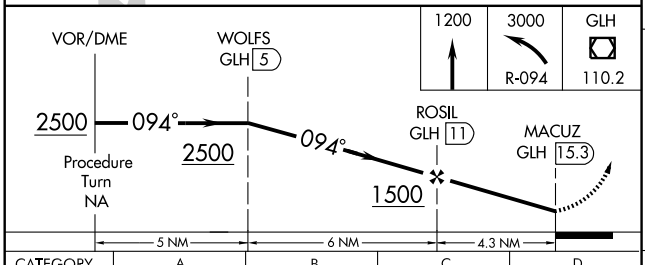
VOR/DME-B
INDIANOLA MUNI (IDL)

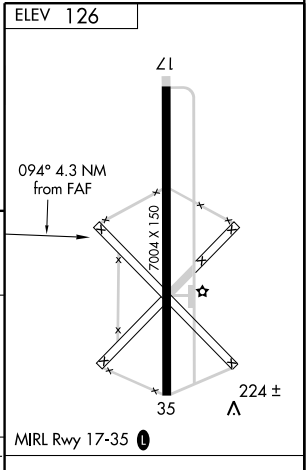
▼ Use Greenville altimeter setting; if not received, use Greenwood altimeter setting and increase all MDA's 100 feet.
▲ NA

MISSED APPROACH: Climb to1200 then climbing left turn to 3000 via R-094 to GLH VOR/DME and hold.

MEMPHIS CENTER	UNICOM
135.875 269.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	580-1 454 (500-1)		600-1½ 474 (500-1½)	780-2 654 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

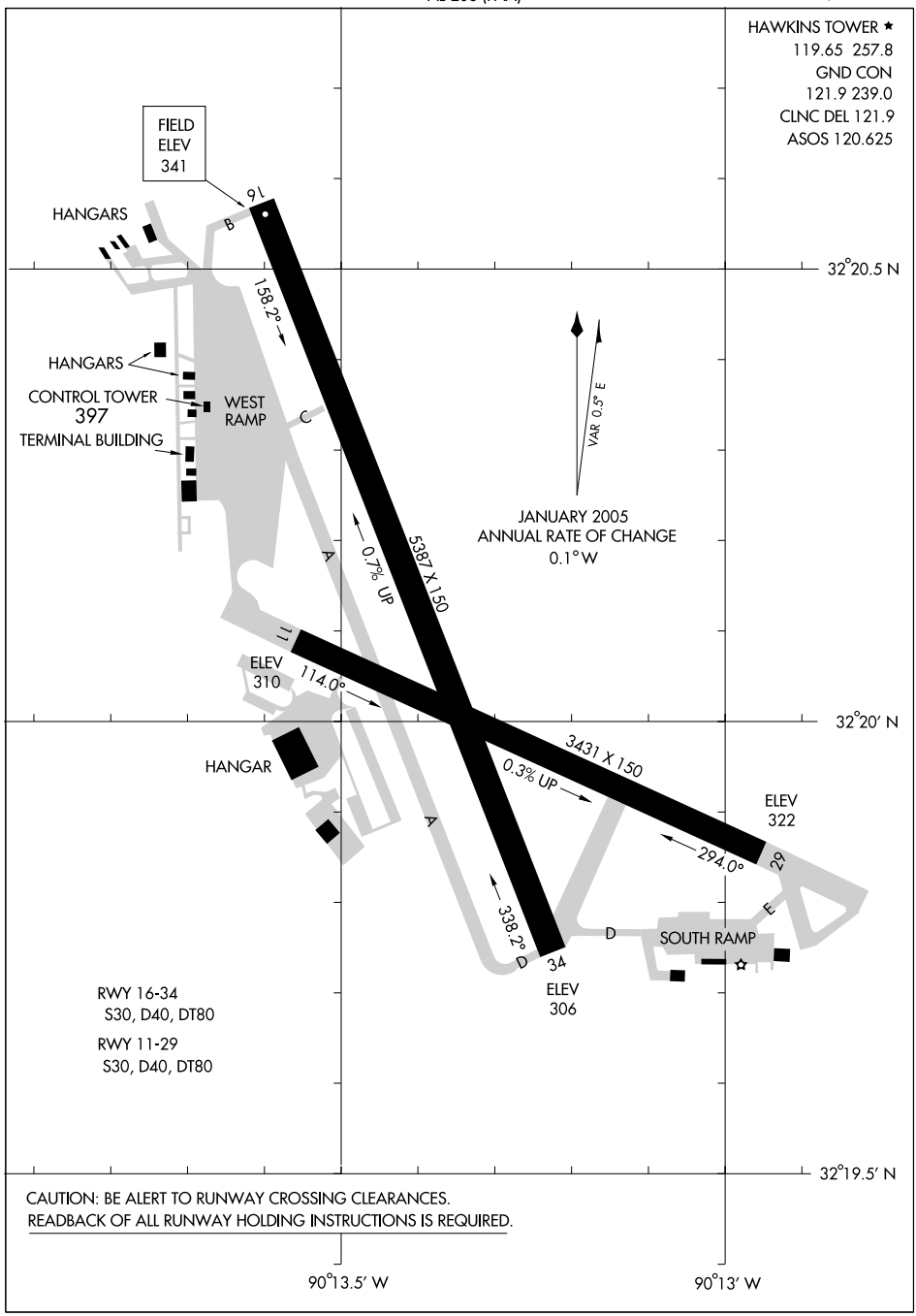
08101

AIRPORT DIAGRAM

AL-206 (FAA)

JACKSON/HAWKINS FIELD (HKS)

JACKSON, MISSISSIPPI



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-JHF	APP CRS	Rwy Idg	5387
111.7	157°	TDZE	341
		Apt Elev	342

ILS RWY 16

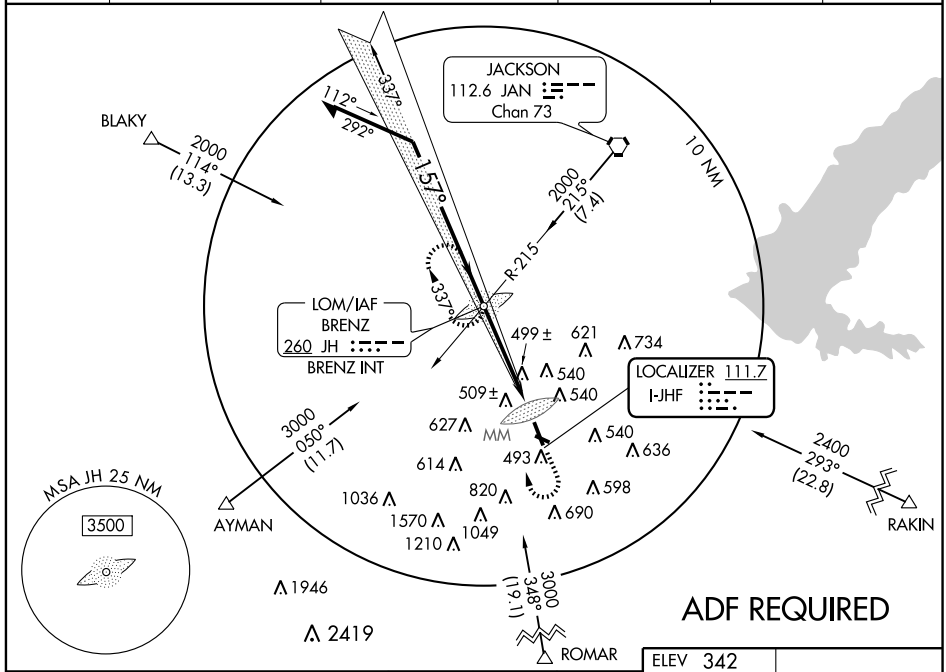
JACKSON/HAWKINS FIELD (HKS)

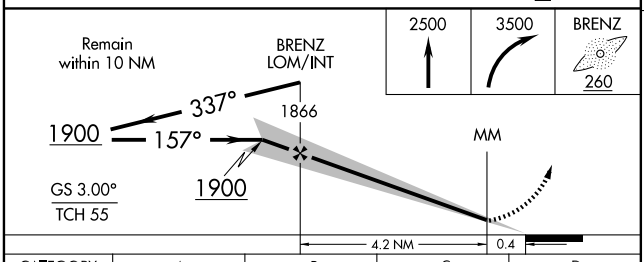
Obtain local altimeter setting on CTAF; if not received, use Jackson altimeter setting minimums. Glide Slope unusable when control tower not in operation, only localizer minimums authorized during this period.

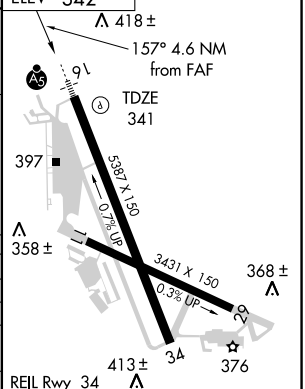
MALSR

MISSED APPROACH: Climb to 2500, then climbing right turn to 3500 direct BRENZ LOM/Int and hold.

ASOS	JACKSON APP CON ★	HAWKINS TOWER ★	GND CON	CLNC DEL	UNICOM
120.625	123.9 125.25 319.2	119.65 (CTAF) L 257.8	121.9 239.0	121.9	122.95







CATEGORY	A	B	C	D
S-ILS 16	541-½ 200 (200-½)			
S-LOC 16	760-½ 419 (500-½)		760-¾ 419 (500-¾)	
CIRCLING	940-1 598 (600-1)		940-1½ 598 (600-1½)	940-2 598 (600-2)
JACKSON ALTIMETER SETTING MINIMUMS				
S-ILS 16	561-½ 220 (300-½)			
S-LOC 16	780-½ 439 (500-½)		780-¾ 439 (500-¾)	780-1 439 (500-1)
CIRCLING	960-1 618 (700-1)		960-1¾ 618 (700-1¾)	960-2 618 (700-2)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5387
157°	TDZE	341
	Apt Elev	341

RNAV (GPS) RWY 16

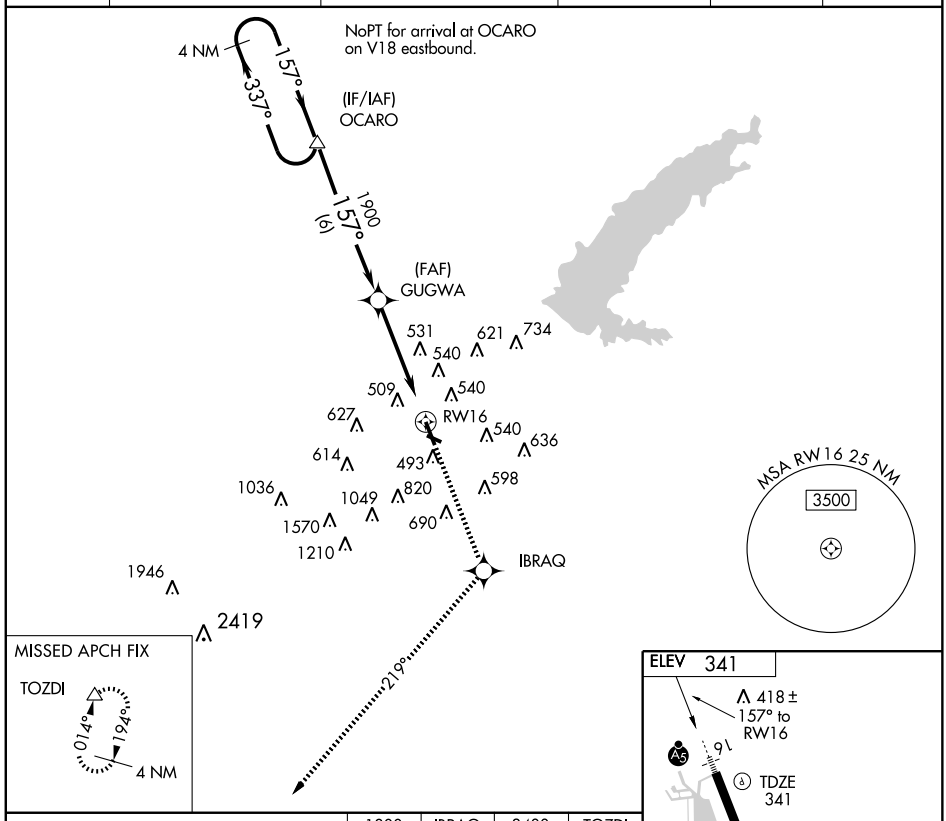
JACKSON/ HAWKINS FIELD (HKS)

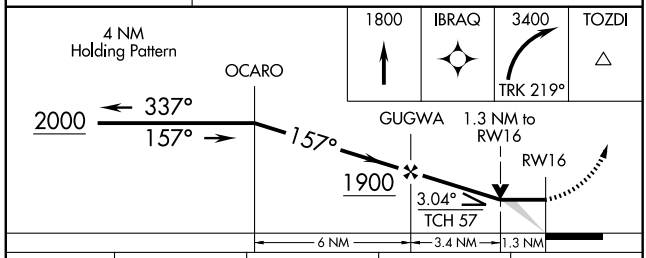
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Jackson-Evers Intl altimeter setting and increase all MDAs 20 feet. VDP NA when using Jackson-Evers Intl altimeter setting.

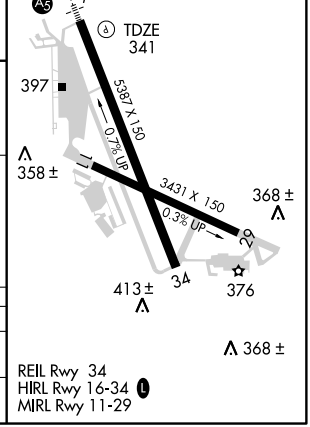
MALSR

MISSED APPROACH: Climb to 1800 direct IBRAQ then climbing right turn to 3400 via 219° track to TOZDI and hold.

ASOS	JACKSON APP CON ★	HAWKINS TOWER ★	GND CON	CLNC DEL	UNICOM
120.625	123.9 125.25 319.2	119.65 (CTAF) L 257.8	121.9 239.0	121.9	122.95







CATEGORY	A	B	C	D
LNAV MDA	800-½	459 (500-½)	800-¾ 459 (500-¾)	800-1 459 (500-1)
CIRCLING	840-1	498 (500-1)	840-1½ 498 (500-1½)	900-2 558 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5387
337°	TDZE	322
	Apt Elev	342

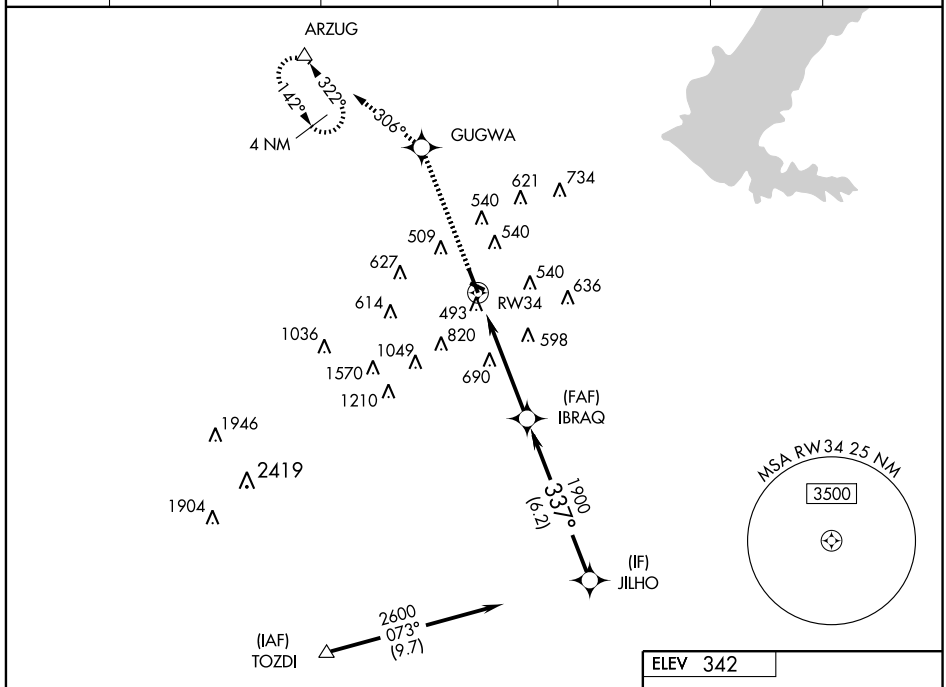
RNAV (GPS) RWY 34

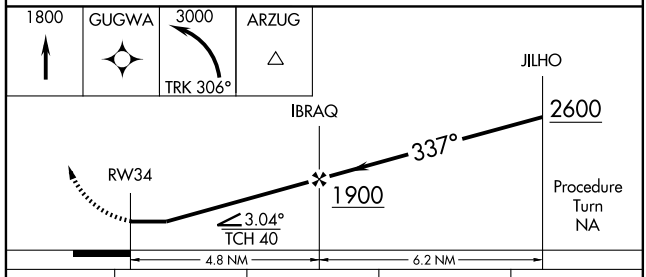
JACKSON/HAWKINS FIELD (HKS)

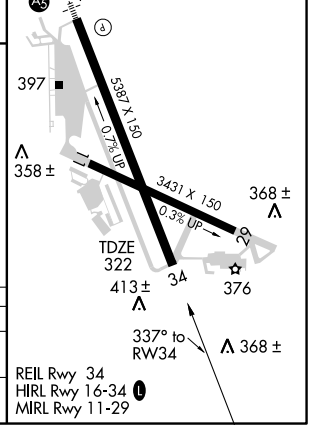
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Jackson-Evers Intl altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 1800 direct GUGWA then climbing left turn to 3000 via 306° track to ARZUG and hold.

ASOS	JACKSON APP CON ★	HAWKINS TOWER ★	GND CON	CLNC DEL	UNICOM
120.625	123.9 125.25 319.2	119.65 (CTAF) L 257.8	121.9 239.0	121.9	122.95







CATEGORY	A	B	C	D
LNAV MDA	940-1 618 (600-1)		940-1¾ 618 (600-1¾)	940-2 618 (600-2)
CIRCLING	940-1 598 (600-1)		940-1¾ 598 (600-1¾)	940-2 598 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

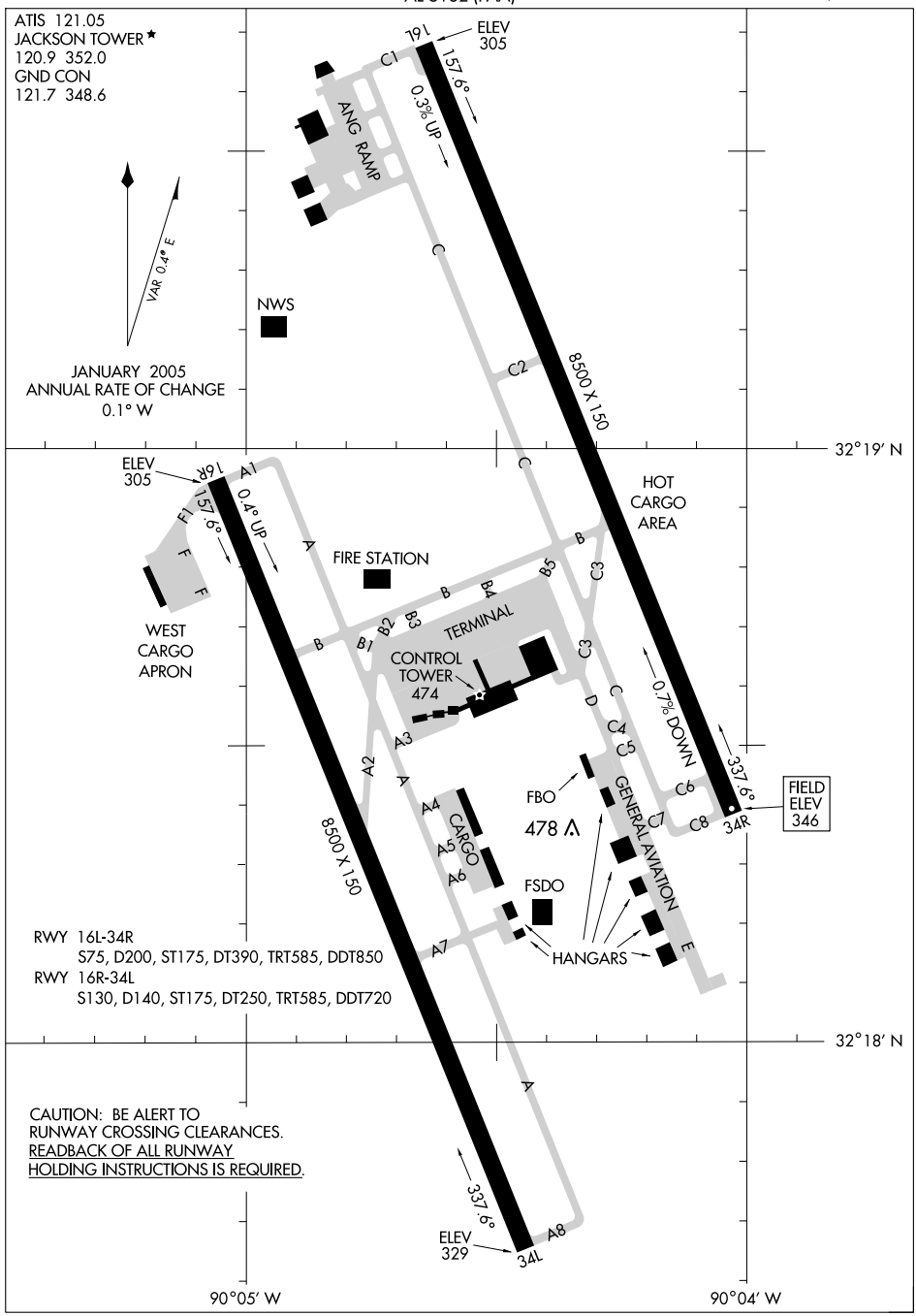
08157

AIRPORT DIAGRAM

AL-5132 (FAA)

JACKSON-EVERS INTL (JAN)

JACKSON, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-FRL	APP CRS	Rwy Idg	8500
109.3	338°	TDZE	329
		Apt Elev	346

ILS or LOC RWY 34L
JACKSON-EVERS INTL (JAN)

ASR — When control tower closed inoperative table applies. For inoperative MALSR, increase S-ILS 34L Cat E visibility to RVR 4000 and S-LOC 34L Cat E visibility to 1½.

MALSR

MISSED APPROACH: Climb to 1200, then climbing right turn to 3000 via JAN R-129 to RAKIN Int/JAN 22.1 DME and hold.

ATIS	JACKSON APP CON★	JACKSON TOWER★	GND CON	120.7 L *	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95

DME REQUIRED

Cat E circling NA SW of Rwy 16R-34L. Cat E procedure turn NA-RADAR required.

(IAF) HENSI JAN 25

(IAF) BARAC JAN 25

R-049 R-266 R-200 R-129

JACKSON 112.6 JAN Chan 73

2100 to Dabey 154° (18)

15 NM

JAN 25 3000 Arc

2400 NoPT JAN 25 Arc

LOCALIZER 109.3 I-FRL

638 636 422 496± 597 530 928 1570 MM 590± 551 641 511

BUNDA OM

MSA JAN 25 NM 3500

1946 2419

(IAF) DABEY JAN 18 /RADAR

RAKIN JAN 22.1

129° 309°

338° LR-159 LR-149

1800 to Dabey (7)

R-017

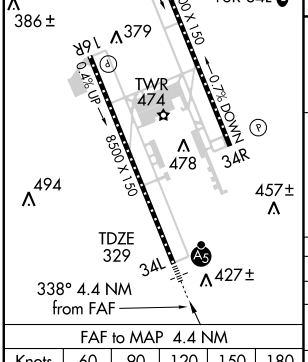
GABEY JAN 25

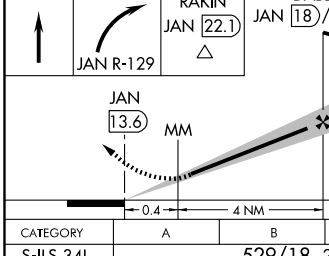
2000 NoPT JAN 25 Arc

FAVIN JAN 25

113° 293° 158°

116.7 MCB Chan 114





CATEGORY	A	B	C	D	E
S-ILS 34L	529/18 200 (200-½)				
S-LOC 34L	780/24 451 (500-½)		780/40 451 (500-¾)	780/50 451 (500-1)	
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	960-2¼ 614 (700-2¼)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-JAN	APP CRS	Rwy Idg	8500
110.5	158°	TDZE	312
		Apt Elev	346

ILS RWY 16L

JACKSON-EVERS INTL (JAN)

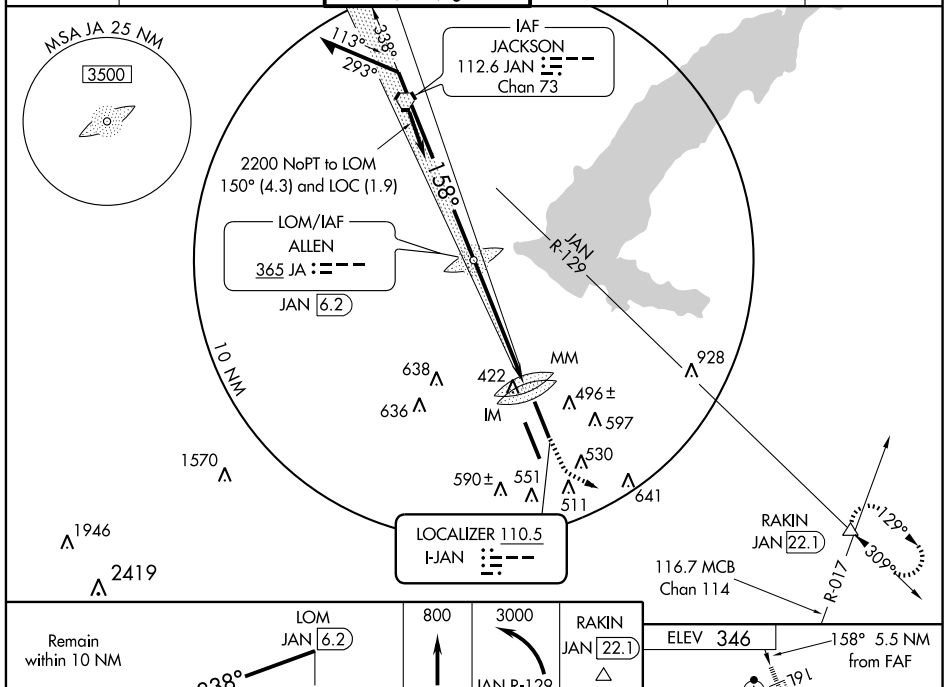
ASR

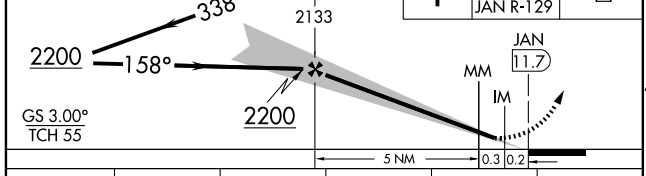
Cat E circling not authorized SW of Rwy 16R-34L. Cat E procedure turn not authorized - RADAR required. Cat E S-ILS 16L DH increased 50 feet and visibility increased to RVR 4000 for inoperative MM. When control tower closed inoperative table does not apply. For inoperative ALSF-2, increase S-ILS 16L Cat E visibility to RVR 4000.

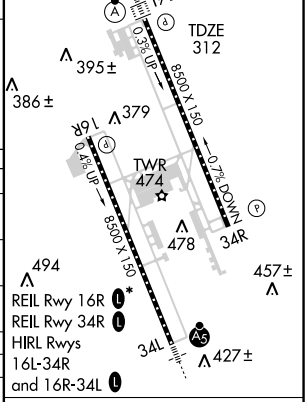
ALSF-2

MISSED APPROACH: Climb to 800, then climbing left turn to 3000 via JAN R-129 to RAKIN Int/22.1 DME and hold.

ATIS	JACKSON APP CON★	JACKSON TOWER★	GND CON	120.7 L*	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95







CATEGORY	A	B	C	D	E
S-ILS 16L	512/18 200 (200-½)				512/24 200 (200-½)
S-LOC 16L	720/24 408 (400-½)			720/40 408 (400-¾)	
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	960-2¼ 614 (700-2¼)
CONTROL TOWER CLOSED					
S-ILS 16L	512-¾ 200 (200-¾)				
S-LOC 16L	720-1 408 (400-1)		720-1¼ 408 (400-1¼)		720-1½ 408 (400-1½)
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	960-2¼ 614 (700-2¼)

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-JAN	APP CRS	Rwy Idg	8500
110.5	158°	TDZE	312
		Apt Elev	346

ILS RWY 16L (CAT II)

JACKSON-EVERS INTL (JAN)

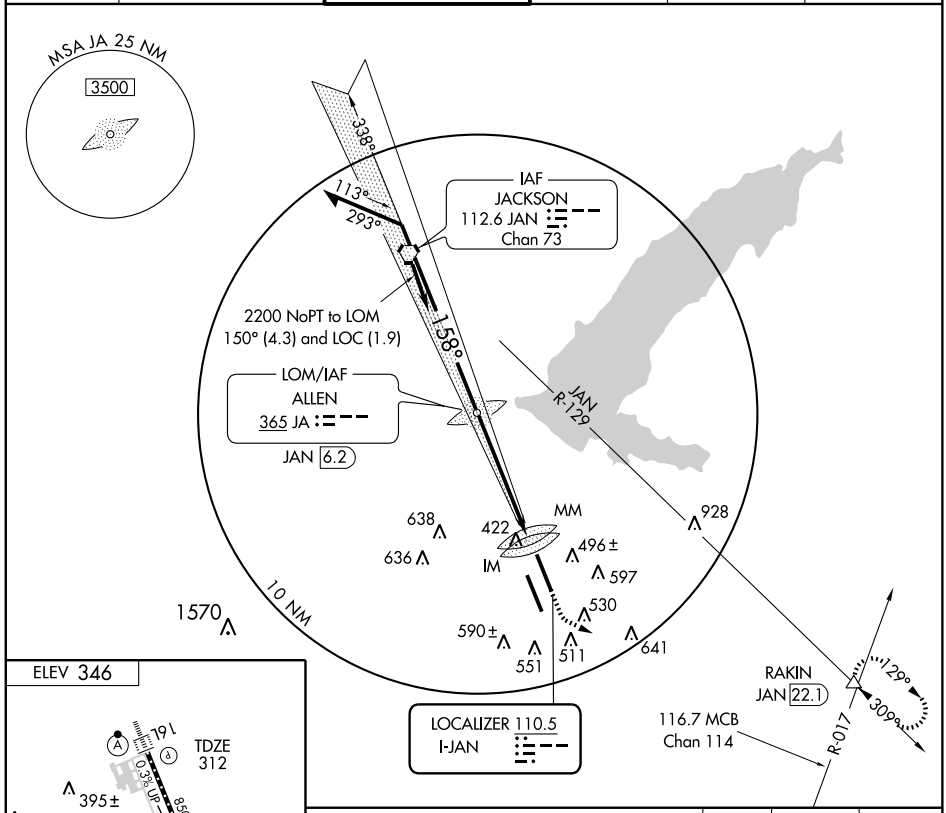
When Control Tower closed Cat II not authorized.

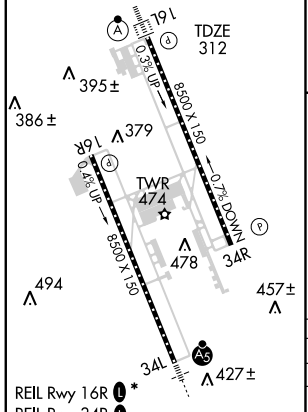
ASR

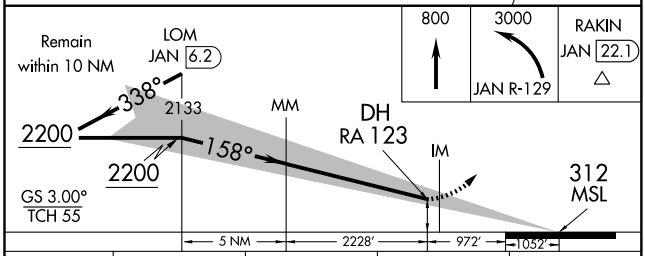
ALSF-2

MISSED APPROACH: Climb to 800 then climbing left turn to 3000 via JAN R-129 to RAKIN Int/22.1 DME and hold.

ATIS	JACKSON APP CON ★	JACKSON TOWER ★	GND CON	120.7 ★	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95







CATEGORY	A	B	C	D
S-ILS 16L	RA 123/12 100 DA 412			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-JAN	APP CRS	Rwy Idg	8500
110.5	158°	TDZE	312
		Apt Elev	346

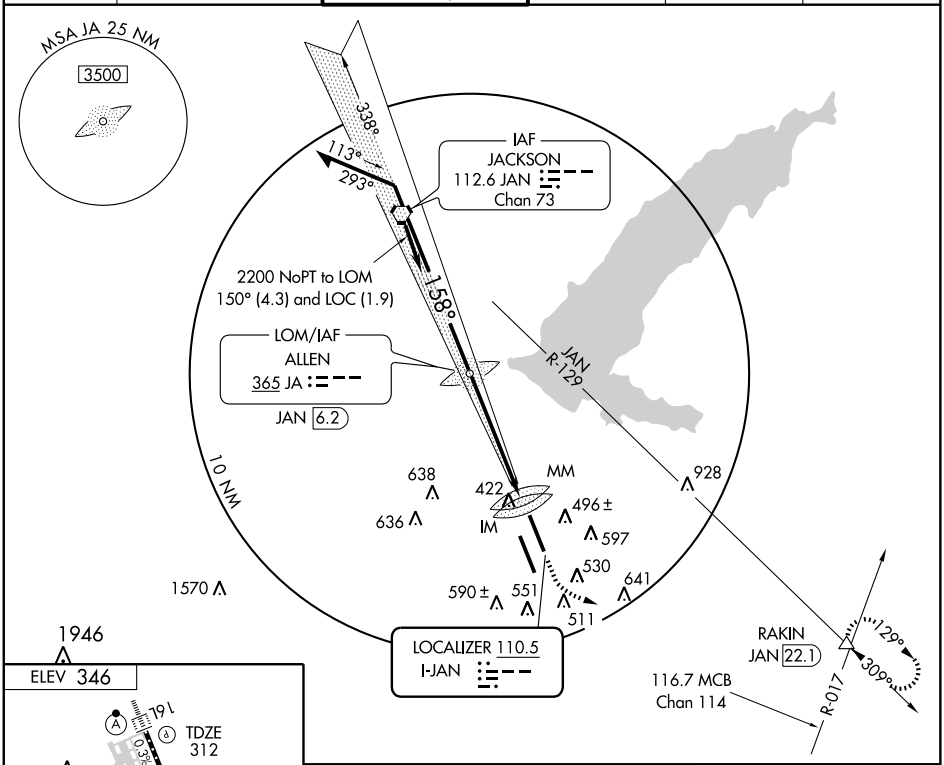
ILS RWY 16L (CAT III)
JACKSON-EVERS INTL (JAN)

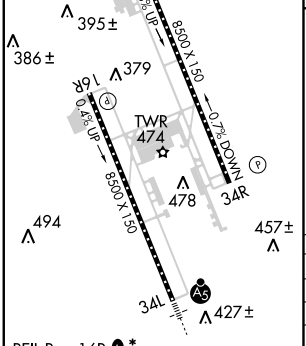
ASR When Control Tower closed Cat IIIA and Cat IIIB not authorized.

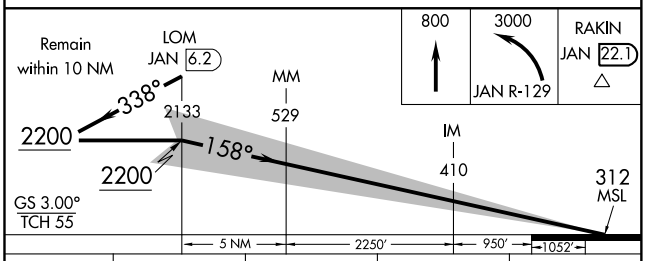
ALSF-2

MISSED APPROACH: Climb to 800 then climbing left turn to 3000 via JAN R-129 to RAKIN Int/22.1 DME and hold.

ATIS	JACKSON APP CON ★	JACKSON TOWER ★	GND CON		UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L *	122.95







CATEGORY	A	B	C	D
S-ILS 16L	CAT IIIA RVR 07			
S-ILS 16L	CAT IIIB RVR 06			
S-ILS 16L	CAT IIIC NA			

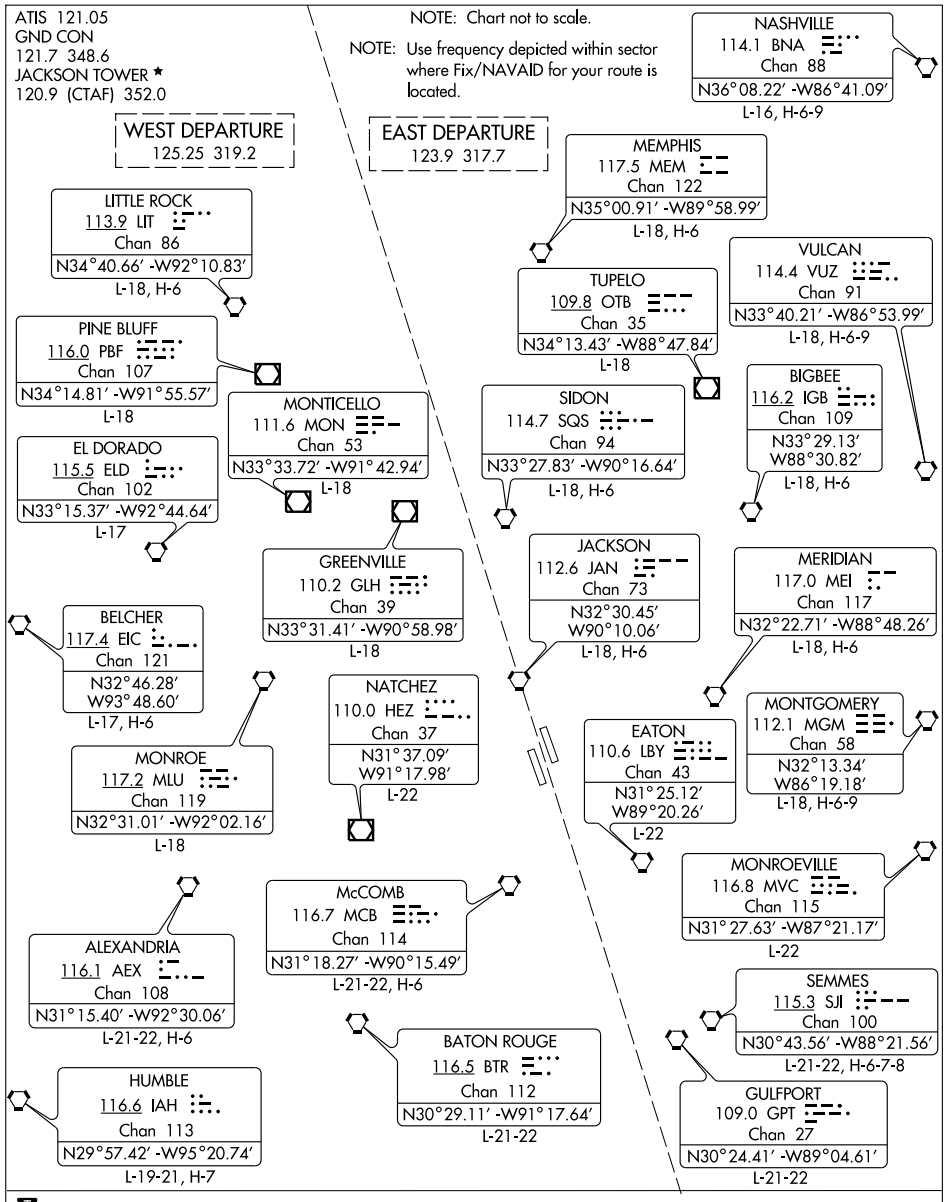
CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-4, 17 DEC 2009 to 14 JAN 2010

JACKSON FOUR DEPARTURE

SL-5132 (FAA)

JACKSON-EVERS INTL (JAN)
JACKSON, MISSISSIPPI



DEPARTURE ROUTE DESCRIPTION

Cleared as filed. Climb on runway heading or as assigned for vectors to join filed route. Maintain 5000′ or altitude assigned by ATC. Expect clearance to requested altitude/flight level ten minutes after departure.

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8500
CH 72911	158°	TDZE	312
W16A		Apt Elev	346

RNAV (GPS) RWY 16L

JACKSON-EVERS INTL (JAN)

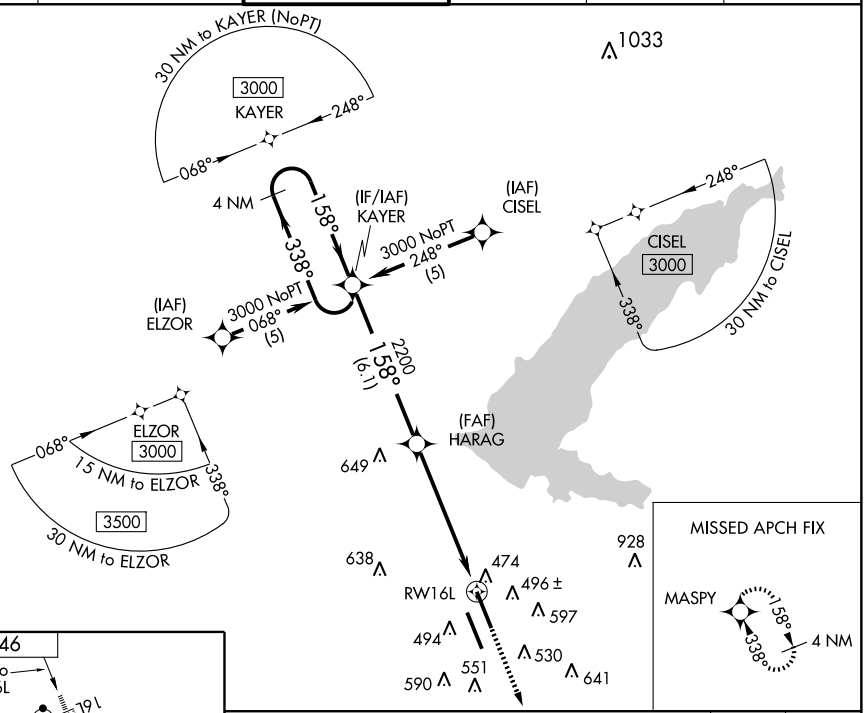
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Hawkins Field altimeter setting and increase all DA 19 feet and all MDA 20 feet. VDP and Baro-VNAV NA when using Hawkins Field altimeter setting.

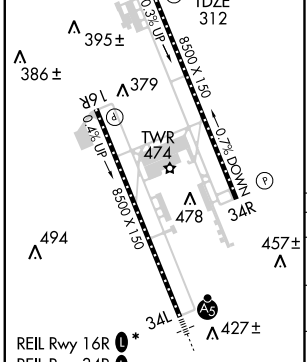
ASR

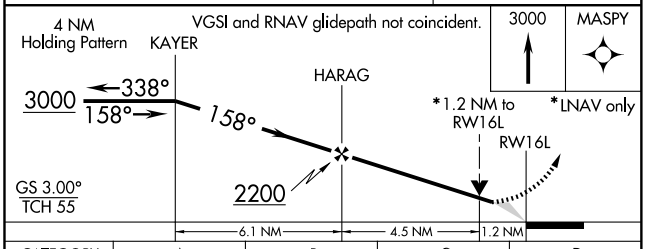
ALSF-2

MISSED APPROACH: Climb to 3000 direct MASPY and hold.

ATIS	JACKSON APP CON ★	JACKSON TOWER ★	GND CON	120.7 L *	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95







CATEGORY	A	B	C	D
LPV DA	512/24 200 (200-½)			
LNAV/ VNAV DA	724/50 412 (400-1)			
LNAV MDA	760/24 448 (500-½)		760/40 448 (500-¾)	760/50 448 (500-1)
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 49211 W16B	APP CRS 158°	Rwy Idg 8500 TDZE 319 Apt Elev 346

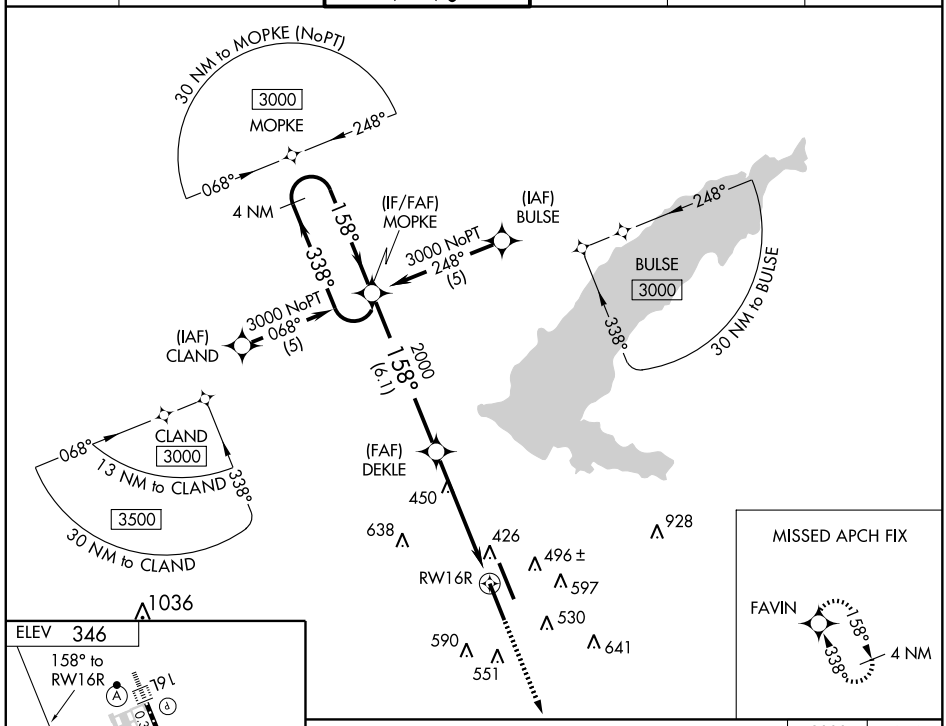
RNAV (GPS) RWY 16R

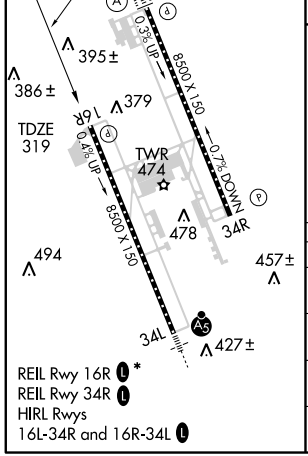
JACKSON-EVERS INTL (JAN)

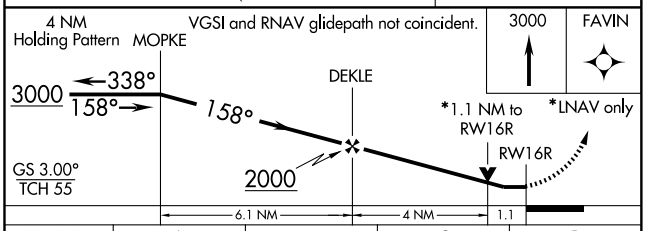
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Hawkins Field altimeter setting and increase all DA 19 feet and all MDA 20 feet, increase LNAV/VNAV all Cats visibility ¼ mile. VDP and Baro-VNAV NA when using Hawkins Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct FAVIN and hold.

ATIS	JACKSON APP CON *	JACKSON TOWER *	GND CON		UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L *	122.95







CATEGORY	A	B	C	D
LPV DA	656-1¼ 337 (400-1¼)			
LNAV/ VNAV DA	758-1½ 439 (500-1½)			
LNAV MDA	720-1 401 (400-1)		720-1¼ 401 (400-1¼)	
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61301 W34A	APP CRS 338°	Rwy Idg 8500 TDZE 329 Apt Elev 346

RNAV (GPS) RWY 34L

JACKSON-EVERS INTL (JAN)

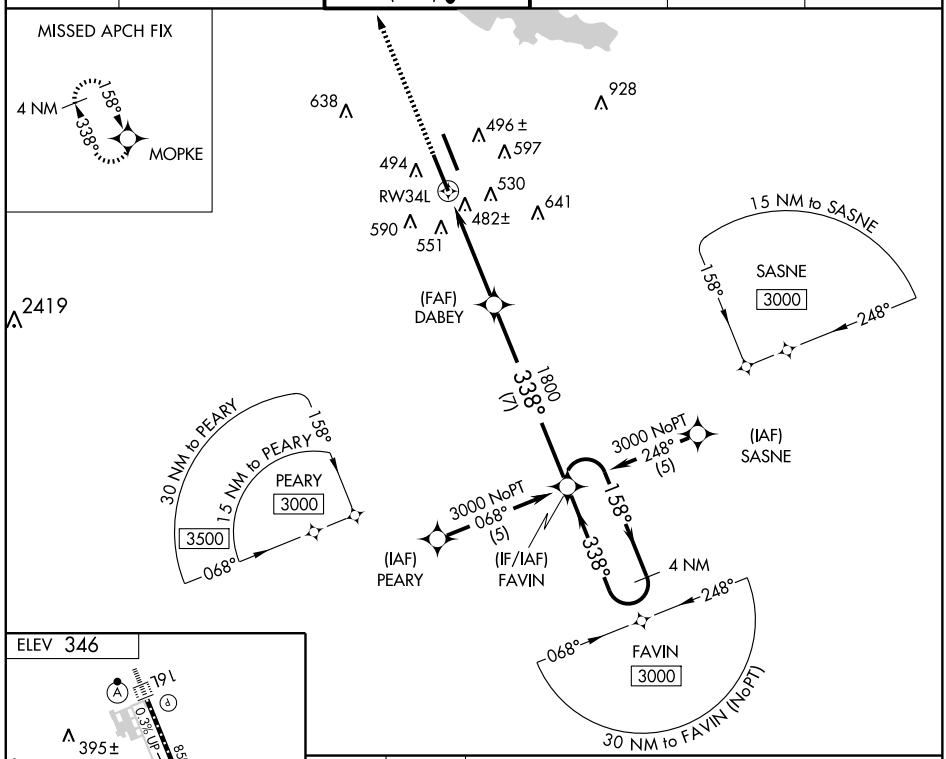
ASR

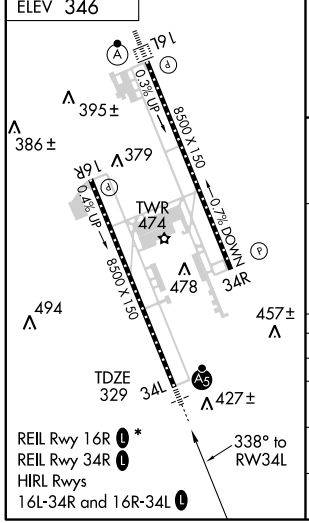
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Hawkins Field altimeter setting. When local altimeter setting not received, use Hawkins Field altimeter setting and increase all DA 19 feet and all MDA 20 feet.

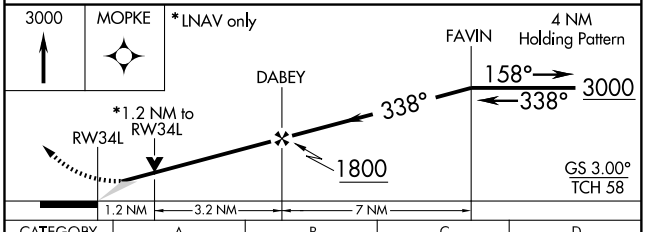
MALSR

MISSED APPROACH: Climb to 3000 direct MOPKE and hold.

ATIS	JACKSON APP CON ★	JACKSON TOWER ★	GND CON	120.7 L *	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95







CATEGORY	A	B	C	D
LPV DA	529/24 200 (200-½)			
LNAV/VNAV DA	875-1½ 546 (600-1½)			
LNAV MDA	780/24 451 (500-½)		780/40 451 (500-¾)	780/50 451 (500-1)
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8500
CH 45811	338°	TDZE	346
W34B		Apt Elev	346

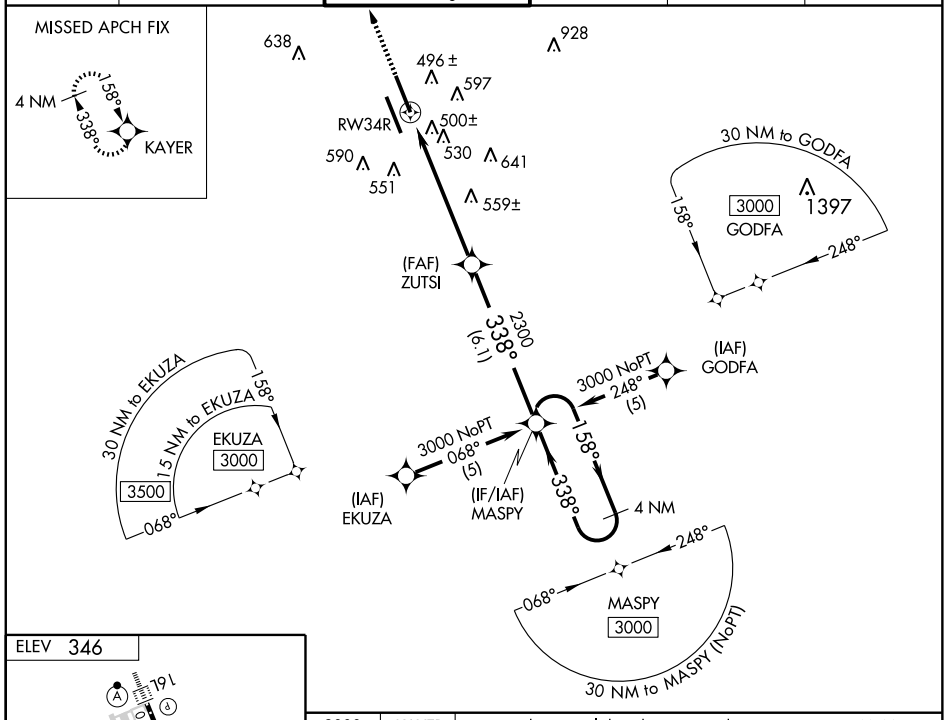
RNAV (GPS) RWY 34R

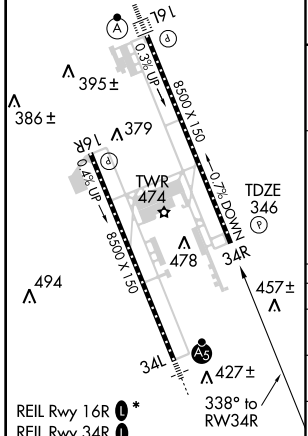
JACKSON-EVERS INTL (JAN)

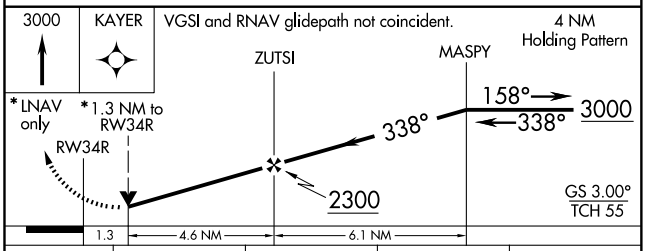
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Hawkins Field altimeter setting and increase all DA 19 feet and all MDA 20 feet, increase LPV all Cats visibility to 1½ mile. VDP and ASR Baro-VNAV NA when using Hawkins Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct KAYER and hold.

ATIS	JACKSON APP CON ★	JACKSON TOWER ★	GND CON	120.7 L *	UNICOM
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6		122.95







CATEGORY	A	B	C	D
LPV DA	738/60 392 (400-1¼)			
LNAV/VNAV DA	846-1¾ 500 (500-1¾)			
LNAV MDA	820/50 474 (500-1)		820/60 474 (500-1¼)	820-1½ 474 (500-1½)
CIRCLING	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 16L

VORTAC JAN 112.6 Chan 73	APCH CRS 152°	Rwy ldg 8500 TDZE 311 Arpt Elev 346

AL-5132 [USAF]

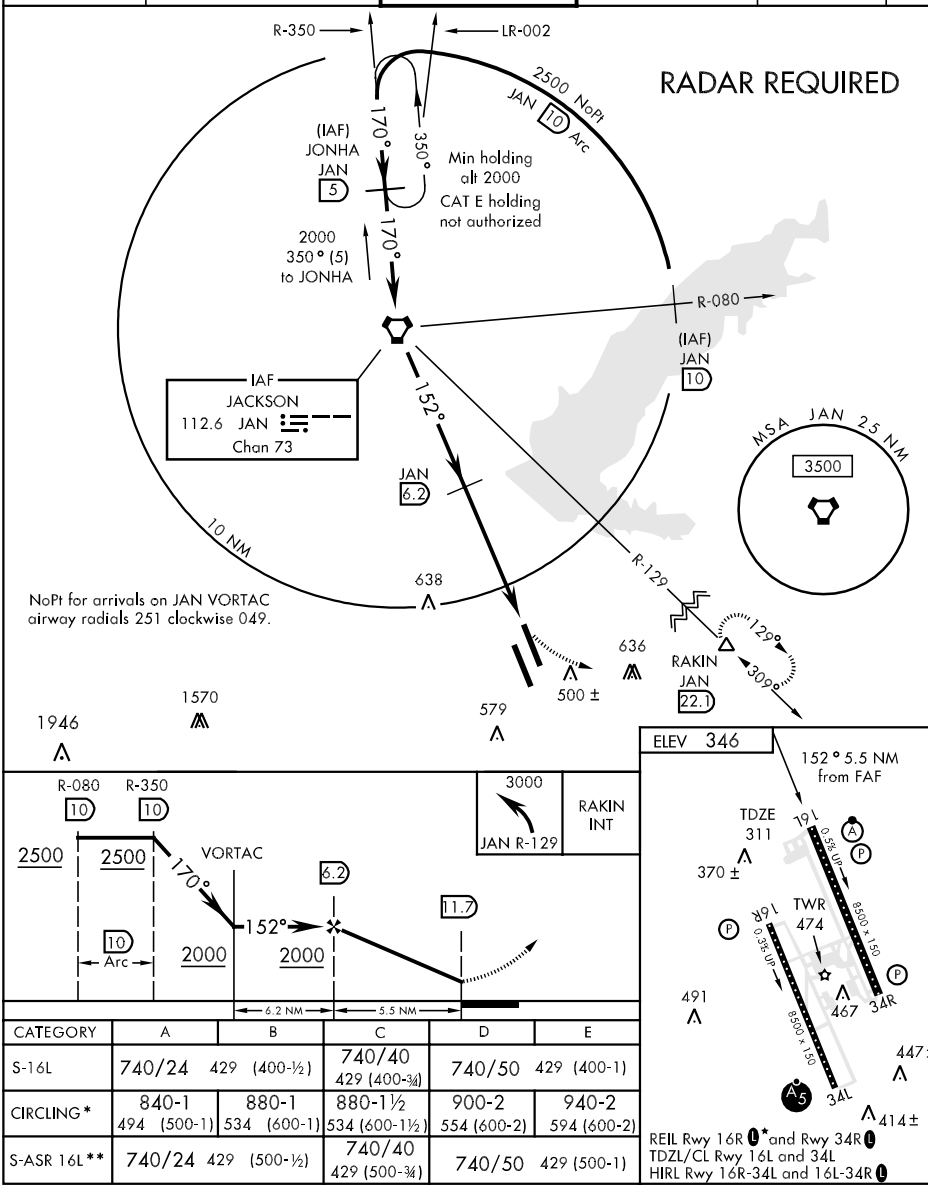
JACKSON-EVERS INTL (JAN)

* CAT E circling not authorized SW of Rwy 16R-34L.
** When ALS inop, increase CAT E vis to 1½ miles.

ALSF-2

MISSED APPROACH: Climbing left turn to 3000 via JAN R-129 to RAKIN INT and hold.

ATIS	JACKSON APP CON	JACKSON TOWER	GND CON		ASR
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L*	



CATEGORY	A	B	C	D	E
S-16L	740/24 429 (400-½)		740/40 429 (400-¾)	740/50 429 (400-1)	
CIRCLING*	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	940-2 594 (600-2)
S-ASR 16L**	740/24 429 (500-½)		740/40 429 (500-¾)	740/50 429 (500-1)	

REIL Rwy 16R L* and Rwy 34R L
TDZL/CL Rwy 16L and 34L
HIRL Rwy 16R-34L and 16L-34R L

SC-4, 17 DEC 2009 to 14 JAN 2010

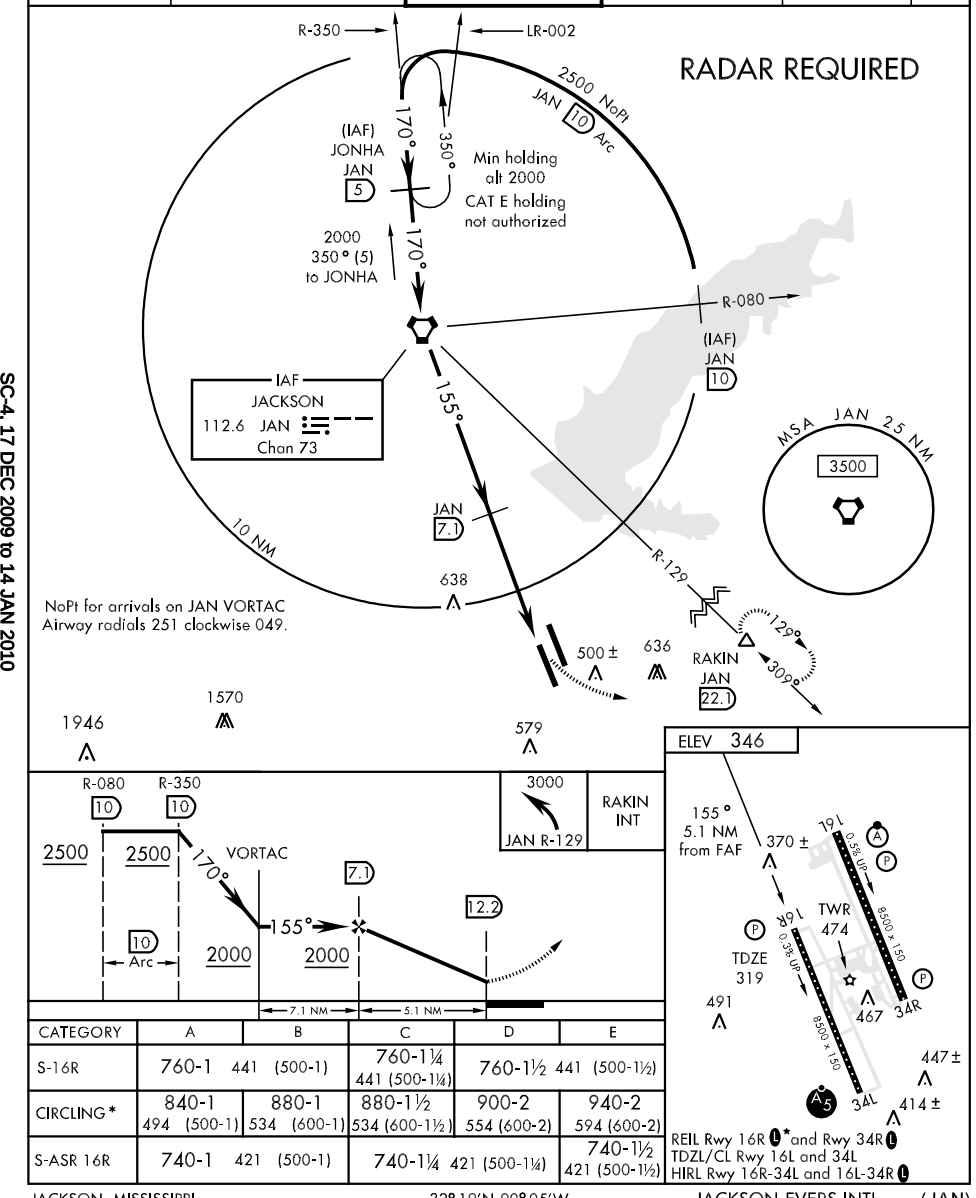
TACAN RWY 16R

VORTAC JAN 112.6 Chan 73	APCH CRS 155°	Rwy ldg 8500 TDZE 319 Arpt Elev 346	AL-5132 [USAF]	JACKSON-EVERS INTL (JAN)

* CAT E circling not authorized SW of Rwy 16R-34L.

MISSED APPROACH: Climbing left turn to 3000 via JAN R-129 to RAKIN INT and hold.

ATIS	JACKSON APP CON	JACKSON TOWER	GND CON		ASR
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L*	



CATEGORY	A	B	C	D	E
S-16R	760-1 441 (500-1)		760-1¼ 441 (500-1¼)	760-1½ 441 (500-1½)	
CIRCLING*	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	940-2 594 (600-2)
S-ASR 16R	740-1 421 (500-1)		740-1¼ 421 (500-1¼)	740-1½ 421 (500-1½)	

REIL Rwy 16R L* and Rwy 34R L
TDZL/CL Rwy 16L and 34L
HIRL Rwy 16R-34L and 16L-34R L

SC-4, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 34L

VORTAC JAN 112.6 Chan 73	APCH CRS 335°	Rwy ldg 8500 TDZE 329 Arpt Elev 346

AL-5132 [USAF] JACKSON-EVERS INTL (JAN)

▼ When local altimeter setting not received, use Hawkins Field altimeter setting and increase all MDA 20 feet and increase S-34L CATS D and E visibility ¼ mile.

▲

MALSR

MISSED APPROACH: Climbing right turn to 3000 via heading 100° and via JAN VORTAC R-129 to RAKIN INT/22.1 DME and hold.

ATIS	JACKSON APP CON	JACKSON TOWER	GND CON		ASR
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L*	

When MALSR inop, increase CAT E ½ mile.
* CAT E circling not authorized SW of Rwy 16R-34L.
** When ALS inop, increase CAT E vis to 1½ miles.

JACKSON 112.6 JAN Chan 73

(IAF) OHTAB JAN 24

(IAF) AHGOL JAN 24

R-050 R-266

2400 NoPt to R-155 Arc JAN 24

3500 to R-200 JAN 24 Arc

20 NM

2100 155° (18)

638 1570 2419 590 500± 636 579 559

RAKIN JAN 22.1

129° 309°

(IAF) TUMCA JAN 18

335° 2000 to TUMCA (6)

879 2400 NoPt to R-155 JAN 24 Arc

TEDSY JAN 24

R-200

110° 290°

MOWOC JAN 24

R-155

R-129

MSA JAN 25 NM 3500

CAT E procedure turn not authorized

RADAR REQUIRED

3000 hdg 100° JAN R-129

RAKIN JAN 22.1

TUMCA R-155 18

VDP NA when using Hawkins Field altimeter setting.

Remain within 10 NM

155° 2100

335° 2000

14.9 13.6

3.48° TCH 55

4.4 NM

ELEV 346

370± 79L 0.5% UP 8500 x 150 TWR 474 16R 0.3% UP 8500 x 150 491 467 34R 500± 447± TDZE 329 34L 590 414±

335° 4.4 NM from FAF

REIL Rwy 16R L* and Rwy 34R L
TDZL/CL Rwy 16L and 34L
HIRL Rwy 16R-34L and 16L-34R L

CATEGORY	A	B	C	D	E
S-34L	840/24 511 (500-½)		840/50 511 (500-1)		840/60 511 (500-1¼)
CIRCLING*	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	960-2¼ 614 (700-2¼)
S-ASR 34L**	800-½ 472 (500-½)		800-¾ 472 (500-¾)	800-1 472 (500-1)	800-1¼ 472 (500-1¼)

TACAN RWY 34R

VORTAC JAN 112.6 Chan 73	APCH CRS 332°	Rwy ldg 8500 TDZE 346 Arpt Elev 346

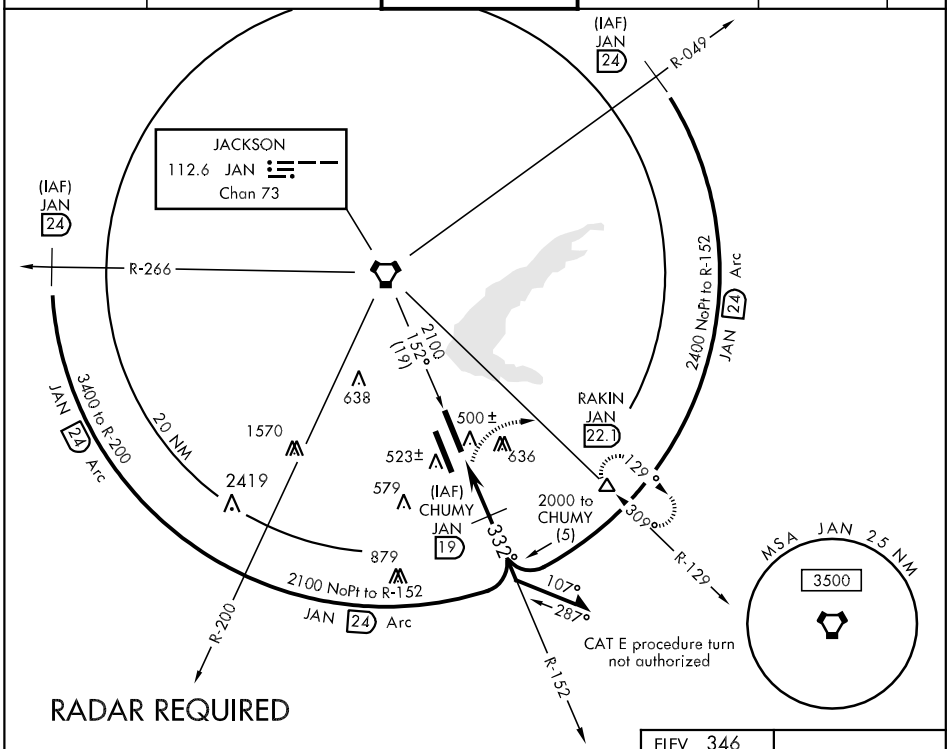
AL-5132 [USAF]

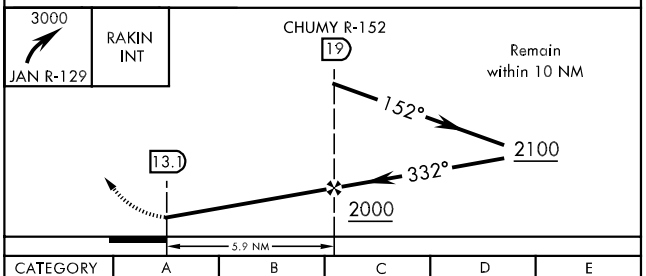
JACKSON-EVERS INTL (JAN)

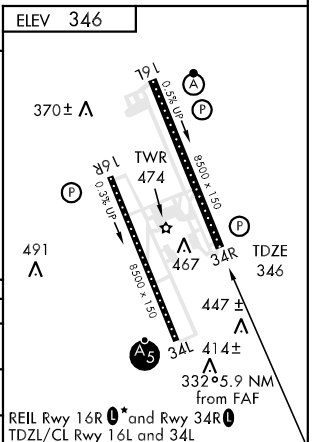
* CAT E circling not authorized SW of Rwy 16R-34L.

MISSED APPROACH: Climbing right turn to 3000 via JAN R-129 to RAKIN INT and hold.

ATIS	JACKSON APP CON	JACKSON TOWER	GND CON		ASR
121.05	123.9 317.7	120.9 (CTAF) L 352.0	121.7 348.6	120.7 L*	







CATEGORY	A	B	C	D	E
S-34R	820/50 474 (500-1)		820/60 474 (500-1¼)	820-1½ 474 (500-1½)	820-1¾ 474 (500-1¾)
CIRCLING*	840-1 494 (500-1)	880-1 534 (600-1)	880-1½ 534 (600-1½)	900-2 554 (600-2)	940-2 594 (600-2)
S-ASR 34R	820/50 474 (500-1)		820/60 474 (500-1¼)	820-1½ 474 (500-1½)	820-1¾ 474 (500-1¾)

REIL Rwy 16R L* and Rwy 34R L
TDZL/CL Rwy 16L and 34L
HIRL Rwy 16R-34L and 16L-34R L

SC-4, 17 DEC 2009 to 14 JAN 2010

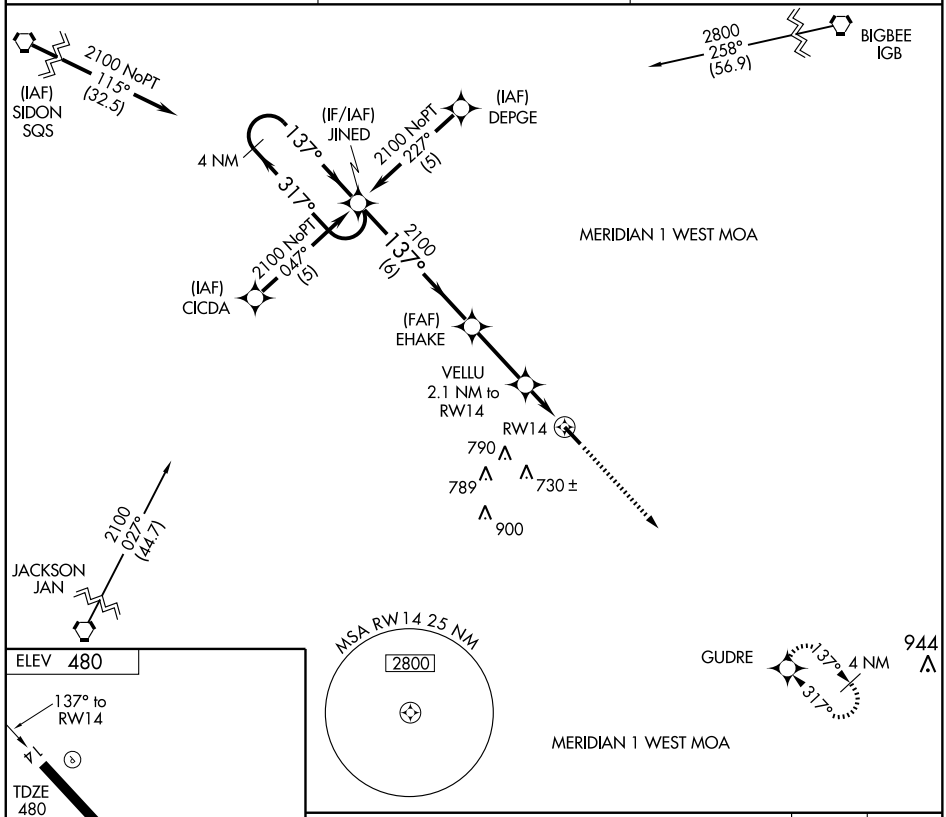
APP CRS	Rwy Idg	5000
137°	TDZE	480
	Apt Elev	480

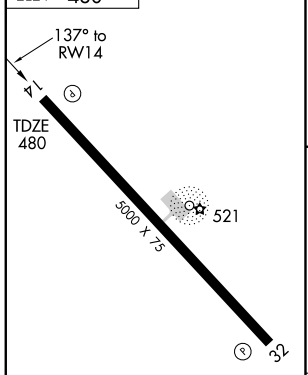
RNAV (GPS) RWY 14
KOSCIUSKO-ATTALA COUNTY (OSX)

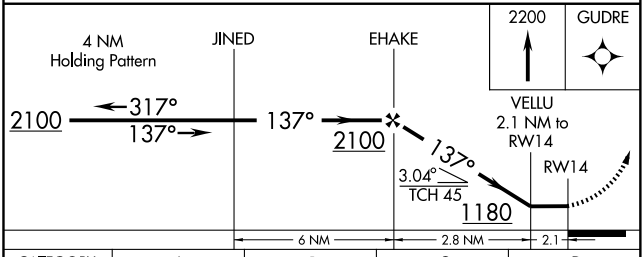
DME/DME RNP-0.3 NA. Procedure not authorized at night. Use Philadelphia altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climb to 2200 direct GUDRE and hold.

PHILADELPHIA AWOS-3	MEMPHIS CENTER	CTAF
118.725	132.75 263.0	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1000-1	520 (600-1)	1000-1½ 520 (600-1½)	NA
CIRCLING	1020-1	540 (600-1)	1020-1½ 540 (600-1½)	NA

MIRL Rwy 14-32 L

SC-4, 17 DEC 2009 to 14 JAN 2010

KOSCIUSKO, MISSISSIPPI

AL-5671 (FAA)

APP CRS	Rwy Idg	5000
317°	TDZE	480
	Apt Elev	480

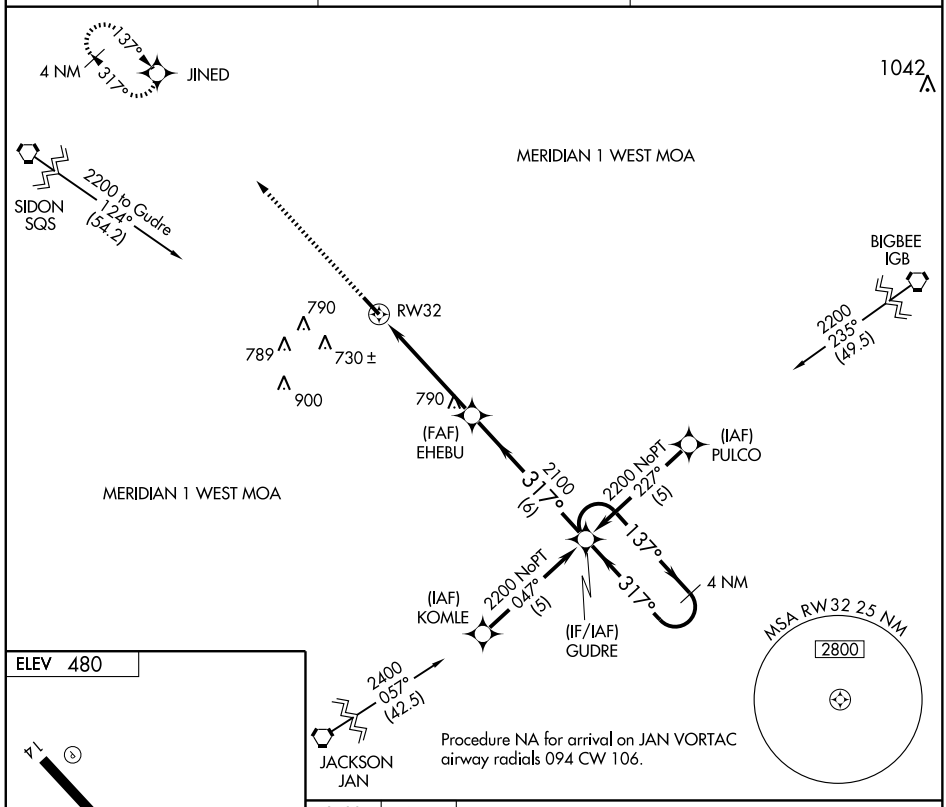
RNAV (GPS) RWY 32

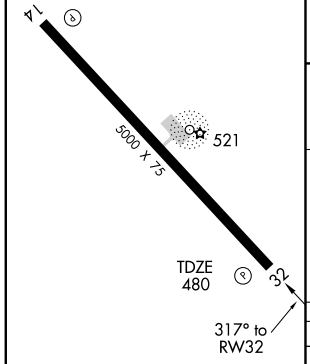
KOSCIUSKO-ATTALA COUNTY (OSX)

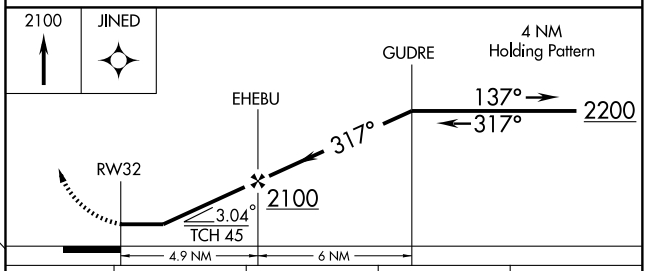
DME/DME RNP-0.3 NA. Procedure not authorized at night. Use Philadelphia altimeter setting; if not received, use Greenwood altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climb to 2100 direct JINED and hold.

PHILADELPHIA AWOS-3	MEMPHIS CENTER	CTAF
118.725	132.75 263.0	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	960-1 480 (500-1)		960-1¼ 480 (500-1¼)	NA
CIRCLING	1020-1 540 (600-1)		1020-1½ 540 (600-1½)	NA

MIRL Rwy 14-32 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB THJ	APP CRS	Rwy Idg	5513
346	135°	TDZE	238
		Apt Elev	238

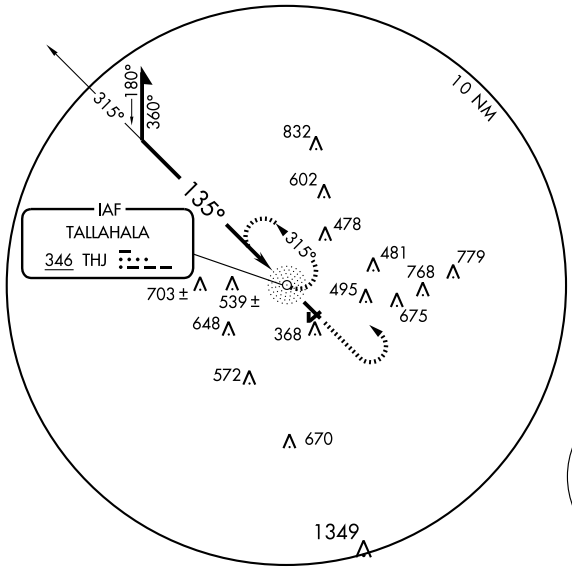
NDB RWY 13

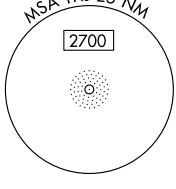
LAUREL/HESLER-NOBLE FIELD (LUL)

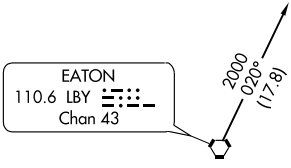
NA

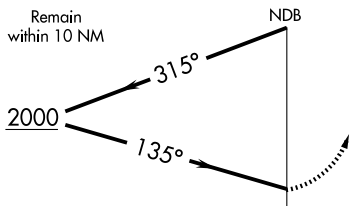
MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 direct THJ NDB and hold.

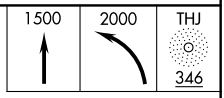
AWOS-3	HOUSTON CENTER	UNICOM
119.275	126.8 327.8	123.05 (CTAF) L

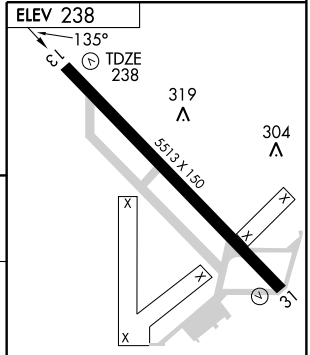












CATEGORY	A	B	C	D
S-13	900-1	662 (700-1)	900-1¾ 662 (700-1¾)	900-2 662 (700-2)
CIRCLING	900-1	662 (700-1)	900-1¾ 662 (700-1¾)	900-2 662 (700-2)

REIL Rwy 13 L
HIRL Rwy 13-31 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5513
CH 45704	135°	TDZE	238
W13A		Apt Elev	238

RNAV (GPS) RWY 13

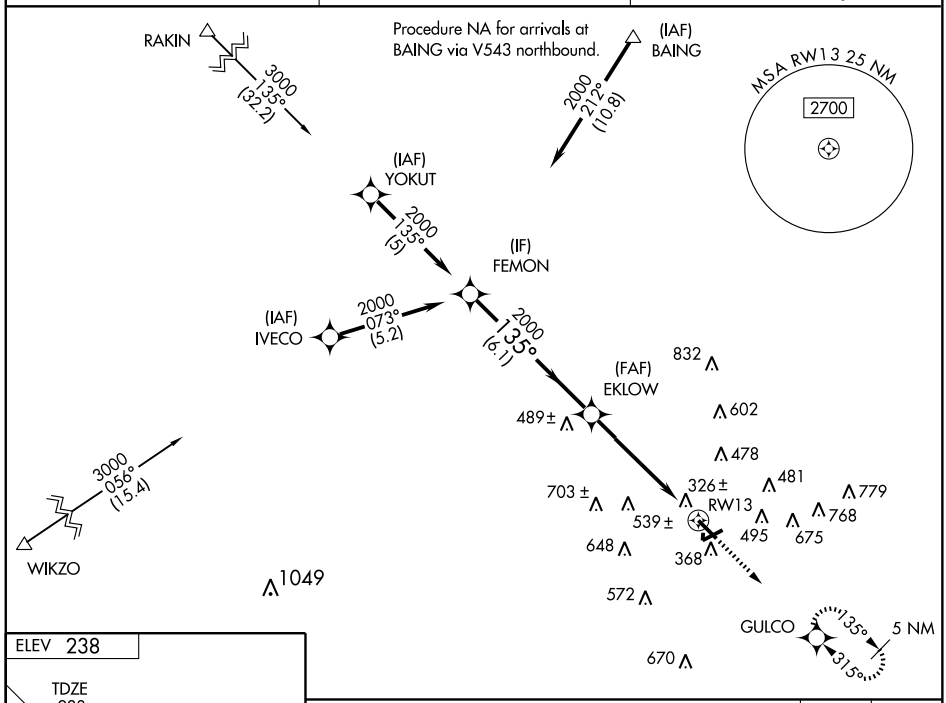
LAUREL/HESLER-NOBEL FIELD (LUL)

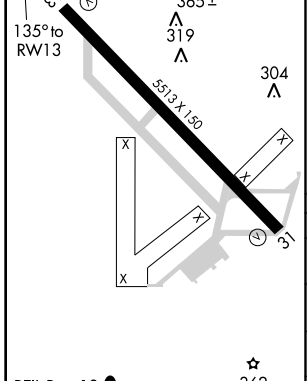
▼ ⚠ NA

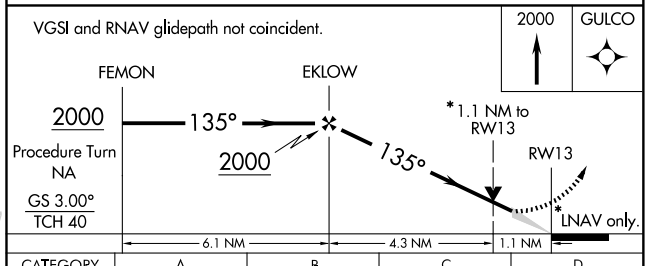
If local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting and increase all DAs/MDAs 60 feet. BARO-VNAV NA when using Hattiesburg-Laurel Rgnl altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP NA when using Hattiesburg-Laurel Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct GULCO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.275	126.8 327.8	123.05 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	581-1¼ 343 (400-1¼)			
LNAV/ VNAV DA	623-1½ 385 (400-1½)			
LNAV MDA	620-1 382 (400-1)			620-1¼ 382 (400-1¼)
CIRCLING	680-1 442 (500-1)	700-1 462 (500-1)	700-1½ 462 (500-1½)	800-2 562 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5513
CH 86404	315°	TDZE	238
W31A		Apt Elev	238

RNAV (GPS) RWY 31

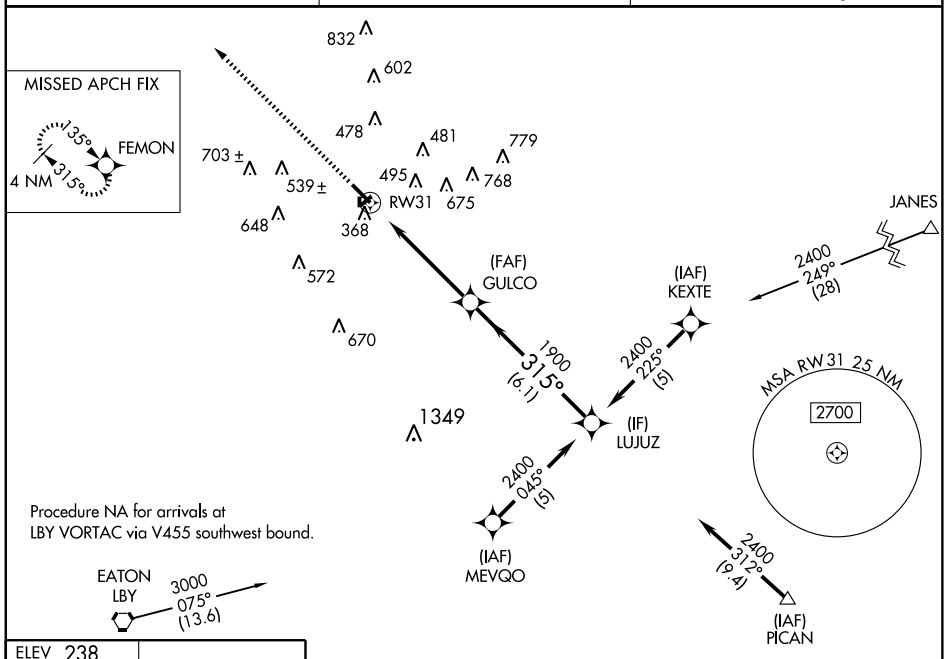
LAUREL/HESLER-NOBEL FIELD (LUL)

▼ ⚠ NA

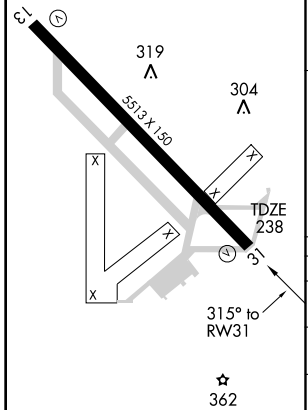
If local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting and increase all DAs/MDAs 60 feet. BARO-VNAV NA when using Hattiesburg-Laurel Rgnl altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Hattiesburg-Laurel Rgnl altimeter setting.

MISSED APPROACH: Climb to 3000 direct FEMON and hold.

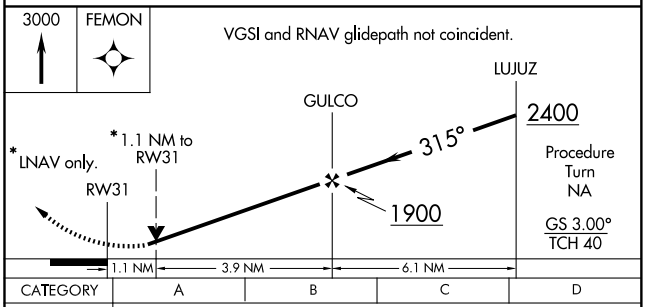
AWOS-3	HOUSTON CENTER	UNICOM
119.275	126.8 327.8	123.05 (CTAF) L



ELEV 238



REIL Rwy 13 L
HIRL Rwy 13-31 L



CATEGORY	A	B	C	D
LPV DA	581-1¼ 343 (400-1¼)			
LNAV/ VNAV DA	638-1½ 400 (400-1½)			
LNAV MDA	620-1 382 (400-1)			620-1¼ 382 (400-1¼)
CIRCLING	680-1 442 (500-1)	700-1 462 (500-1)	700-1½ 462 (500-1½)	800-2 562 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC LBY 110.6 Chan 43	APP CRS 024°	Rwy Idg N/A TDZE N/A Apt Elev 238

VOR/DME-A

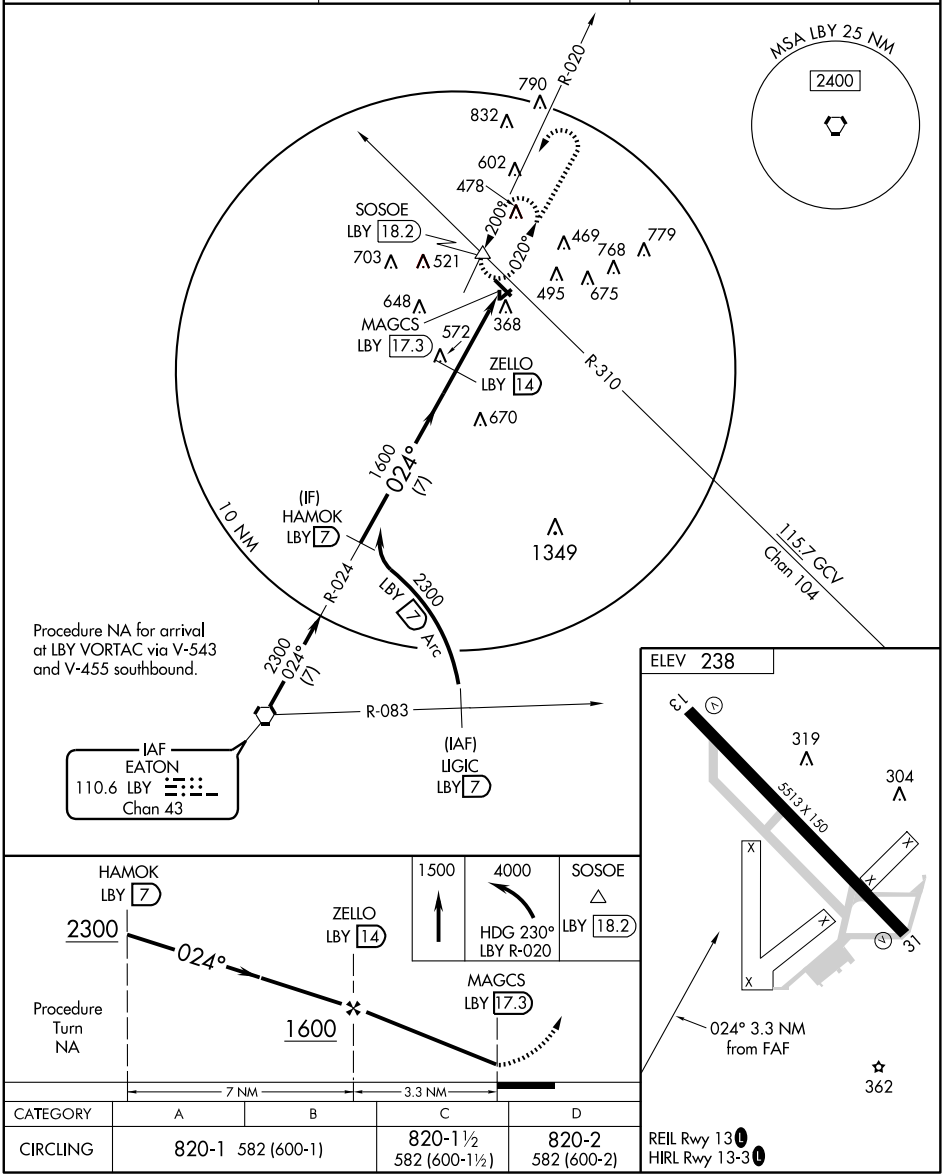
LAUREL/HESLER-NOBLE FIELD (LUL)

When local altimeter setting not received, use Hattiesburg-Laurel Rgnl altimeter setting and increase all MDA 60 feet and Cat C visibility to 1¾ mile.

NA

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 via heading 230° and LBY R-020 to SOSOE Int/LBY 18.2 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.275	126.8 327.8	123.05 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	820-1 582 (600-1)		820-1½ 582 (600-1½)	820-2 582 (600-2)

REIL Rwy 13 L
HIRL Rwy 13-31 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC SQS 114.7 Chan 94	APP CRS 145°	Rwy Idg N/A TDZE N/A Apt Elev 340

VOR/DME or GPS-A

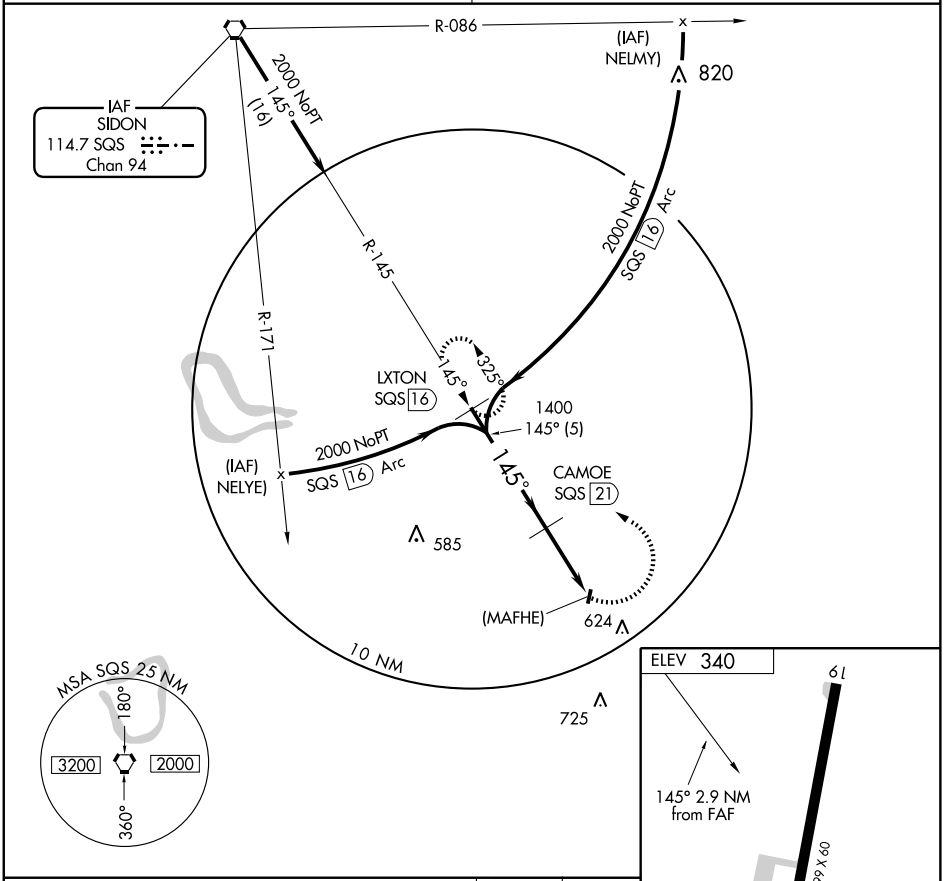
LEXINGTON/ C.A. MOORE (19M)

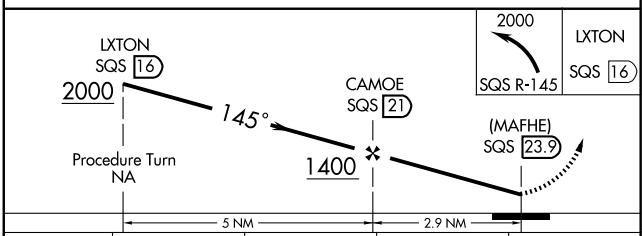
Use Greenwood FSS altimeter setting.

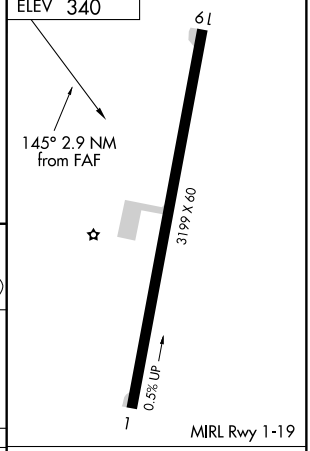
NA

MISSED APPROACH: Climbing left turn to 2000 via SQS R-145 to LXTON 16 DME and hold.

MEMPHIS CENTER	CTAF
132.5 259.1	122.9







CATEGORY	A	B	C	D
CIRCLING	880-1 540 (600-1)	880-1¼ 540 (600-1¼)	1020-2 680 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4519
170°	TDZE	575
	Apt Elev	575

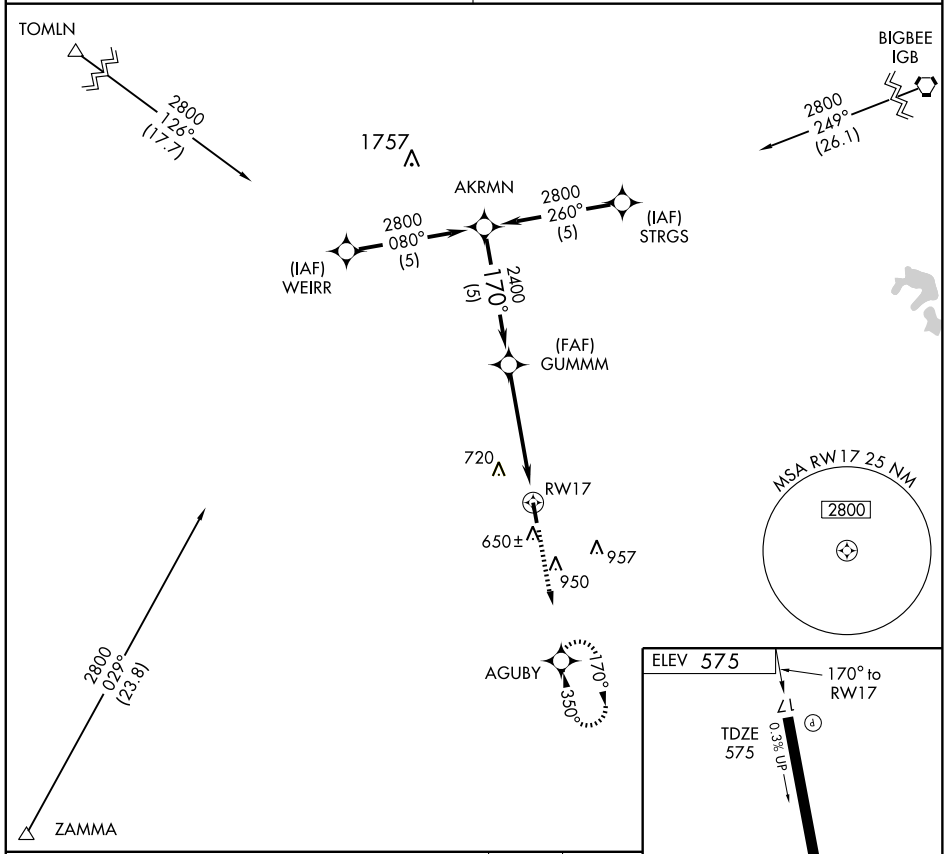
GPS RWY 17
LOUISVILLE-WINSTON COUNTY (LMS)

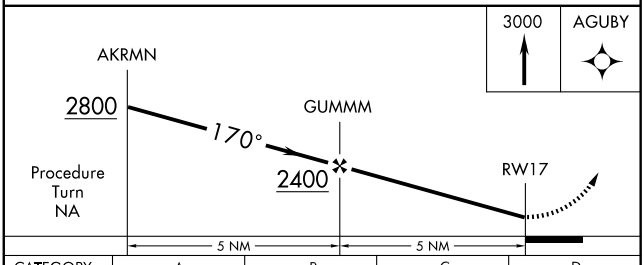
NA

Use Columbus AFB altimeter setting.

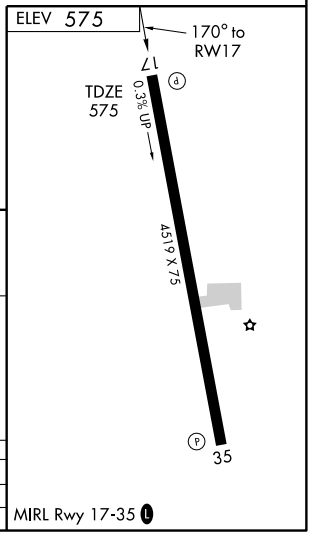
MISSED APPROACH: Climb to 3000 direct AGUBY WP and hold.

MEMPHIS CENTER	UNICOM
132.75 263.0	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-17	1140-1	565 (600-1)	NA	
CIRCLING	1180-1	605 (700-1)	NA	



SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4444
174°	TDZE	326
	Apt Elev	326

GPS RWY 17

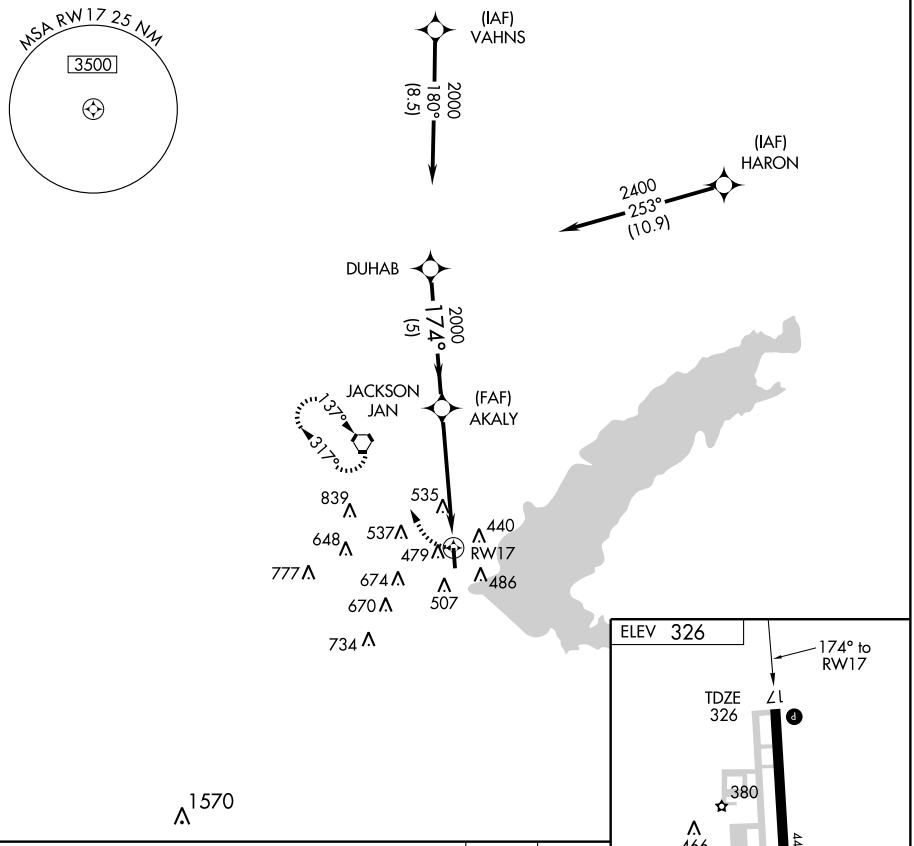
MADISON/ BRUCE CAMPBELL FIELD (MBO)

NA

Use Jackson altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 direct JAN VORTAC and hold.

AWOS-3	JACKSON APP CON ★	CLNC DEL	UNICOM
119.125	123.9 317.7	125.9	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-17	860-1 534 (600-1)		NA	
CIRCLING	860-1 534 (600-1)	920-1 594 (600-1)	NA	

MIRL Rwy 17-35 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC JAN	APP CRS	Rwy Idg	N/A
112.6	317°	TDZE	N/A
Chan 73		Apt Elev	326

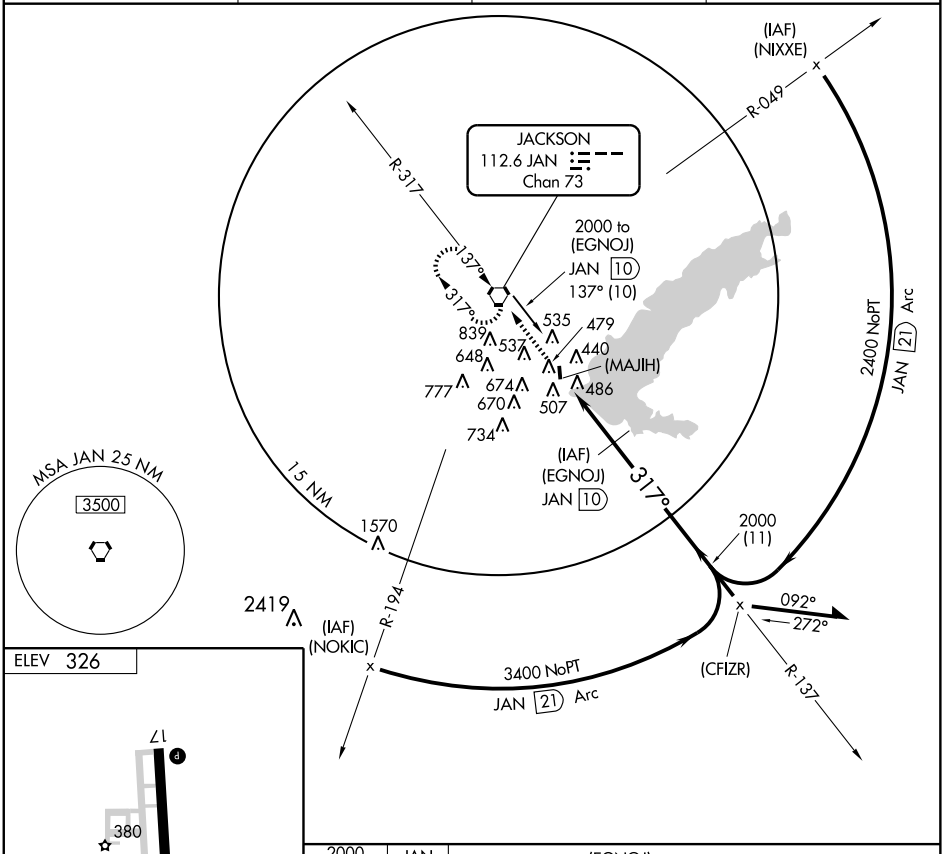
VOR/DME or GPS-B

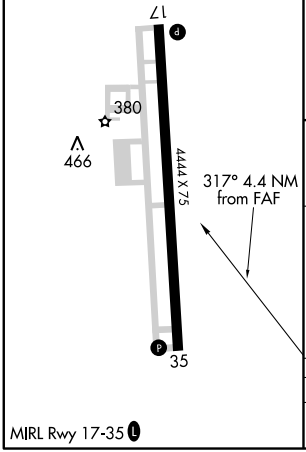
MADISON/ BRUCE CAMPBELL FIELD (MBO)

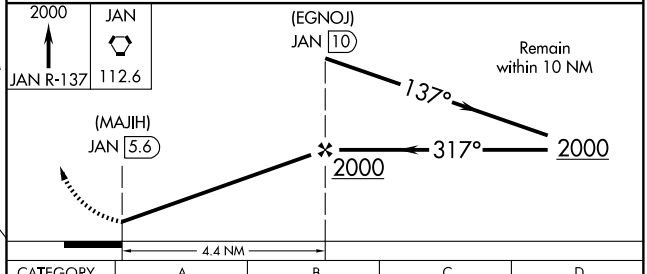
Use Jackson altimeter setting.

MISSED APPROACH: Climb to 2000 via JAN R-137 to JAN VORTAC and hold.

AWOS-3	JACKSON APP CON ★	CLNC DEL	UNICOM
119.125	123.9 317.7	125.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	840-1 514 (600-1)	860-1 534 (600-1)	860-1½ 534 (600-1½)	1000-2¼ 674 (700-2¼)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC JAN	APP CRS	Rwy Idg	N/A
112.6	137°	TDZE	N/A
Chan 73		Apt Elev	326

VOR or GPS-A

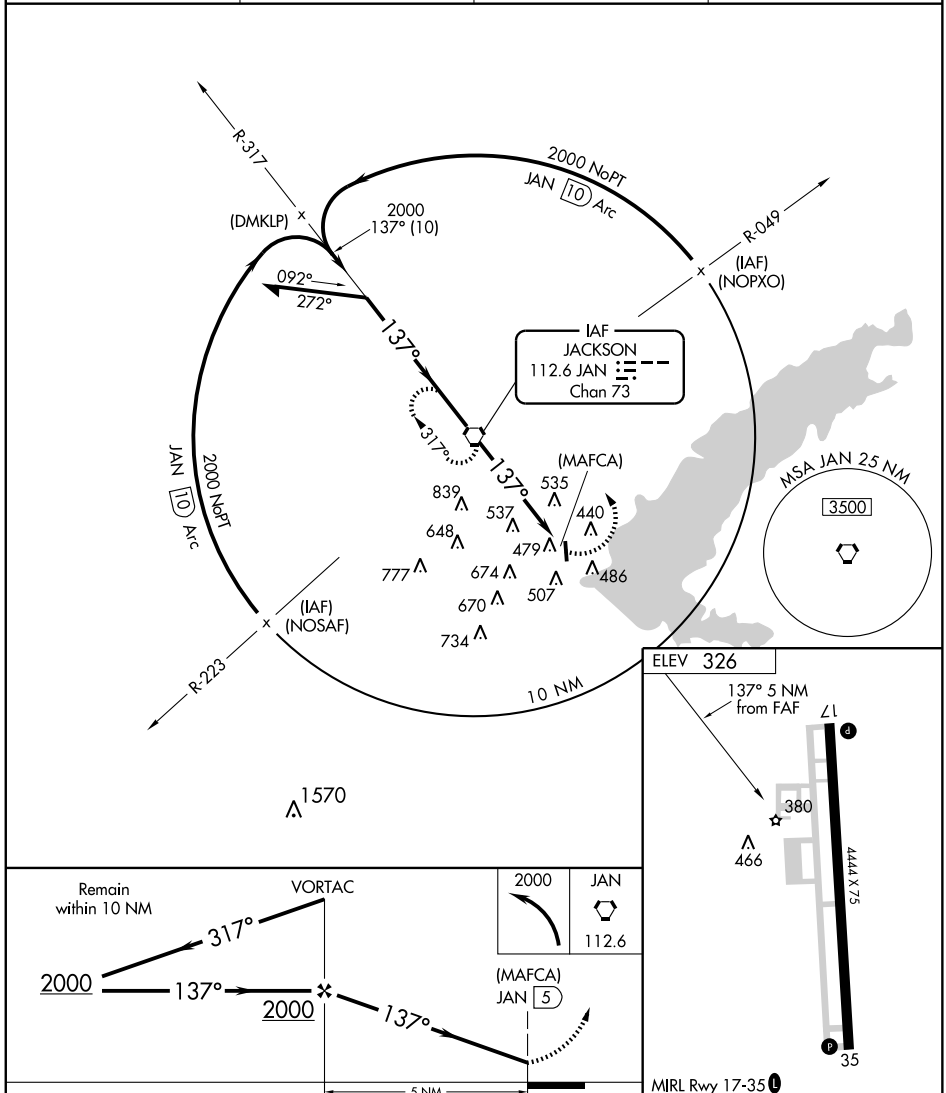
MADISON/ BRUCE CAMPBELL FIELD (MBO)

NA

Use Jackson altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 direct JAN VORTAC and hold.

AWOS-3	JACKSON APP CON ★	CLNC DEL	UNICOM
119.125	123.9 317.7	125.9	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	840-1 514 (600-1)	860-1 534 (600-1)	860-1½ 534 (600-1½)	1000-2¼ 674 (700-2¼)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3348
016°	TDZE	162
	Apt Elev	162

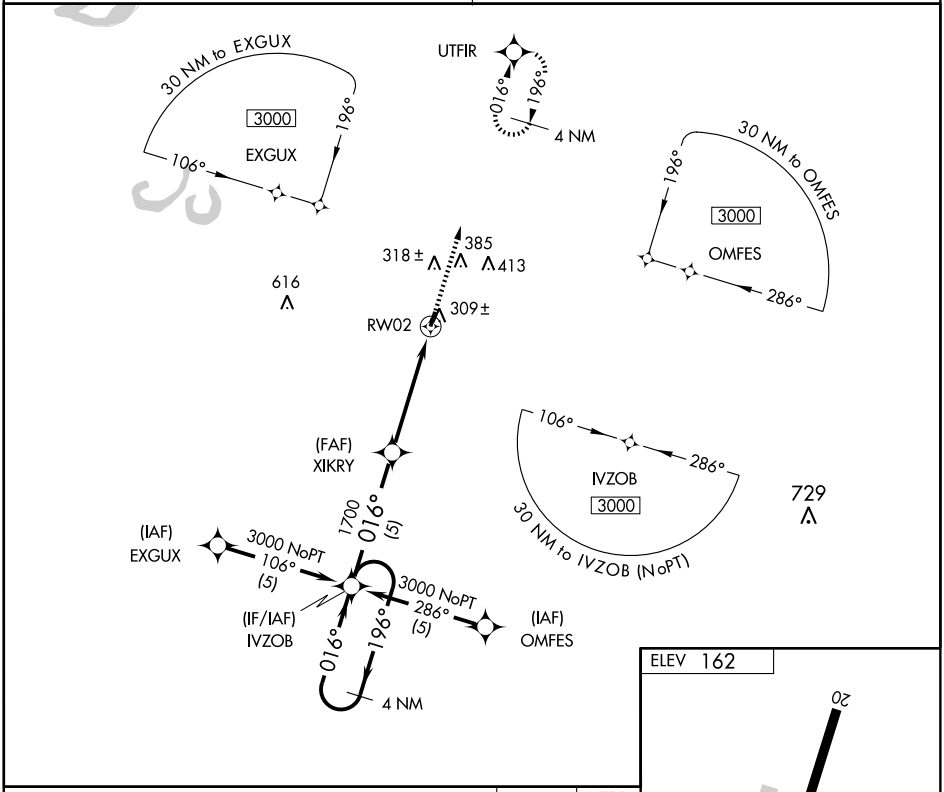
RNAV (GPS) RWY 2

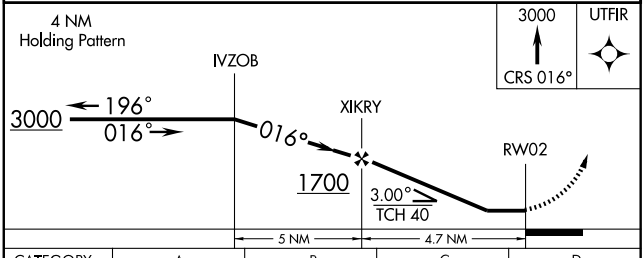
MARKS/SELFS (MMS)

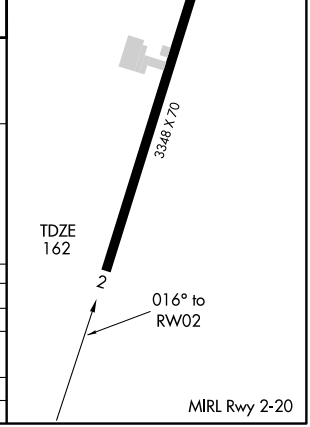
Use Clarksdale altimeter setting, when not received procedure NA.
NA DME/DME RNP-0.3 not authorized.

MISSED APPROACH: Climb to 3000 via course 016° to UTFIR WP and hold.

MEMPHIS CENTER	CTAF
135.3 335.8	122.9







CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	600-1 438 (500-1)		NA	
CIRCLING	660-1 498 (500-1)		NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3348
196°	TDZE	162
	Apt Elev	162

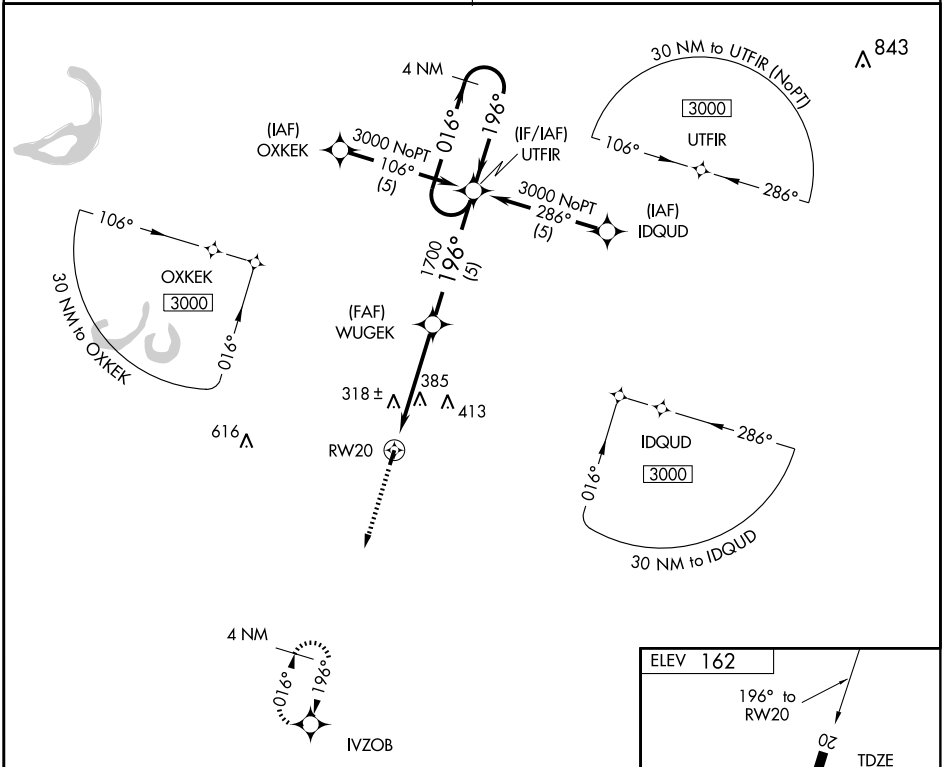
RNAV (GPS) RWY 20

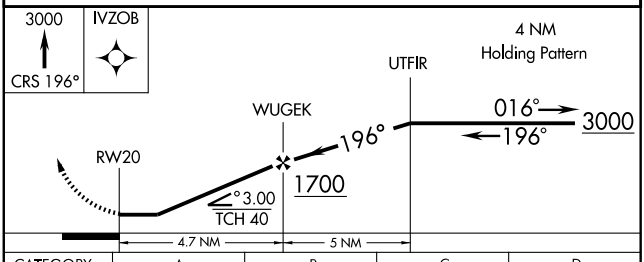
MARKS/SELFS (MMS)

Use Clarksdale altimeter setting, when not received procedure NA.
NA
DME/DME RNP-0.3 not authorized.

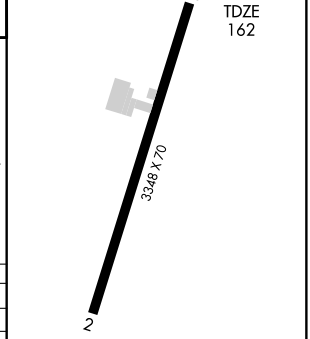
MISSED APPROACH: Climb to 3000 via course 196° to IVZOB WP and hold.

MEMPHIS CENTER	CTAF
135.3 335.8	122.9





CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	720-1 558 (600-1)		NA	
CIRCLING	720-1 558 (600-1)		NA	



MIRL Rwy 2-20

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-MCB	APP CRS	Rwy Idg	5000
109.1	156°	TDZE	413
		Apt Elev	413

ILS or LOC RWY 15

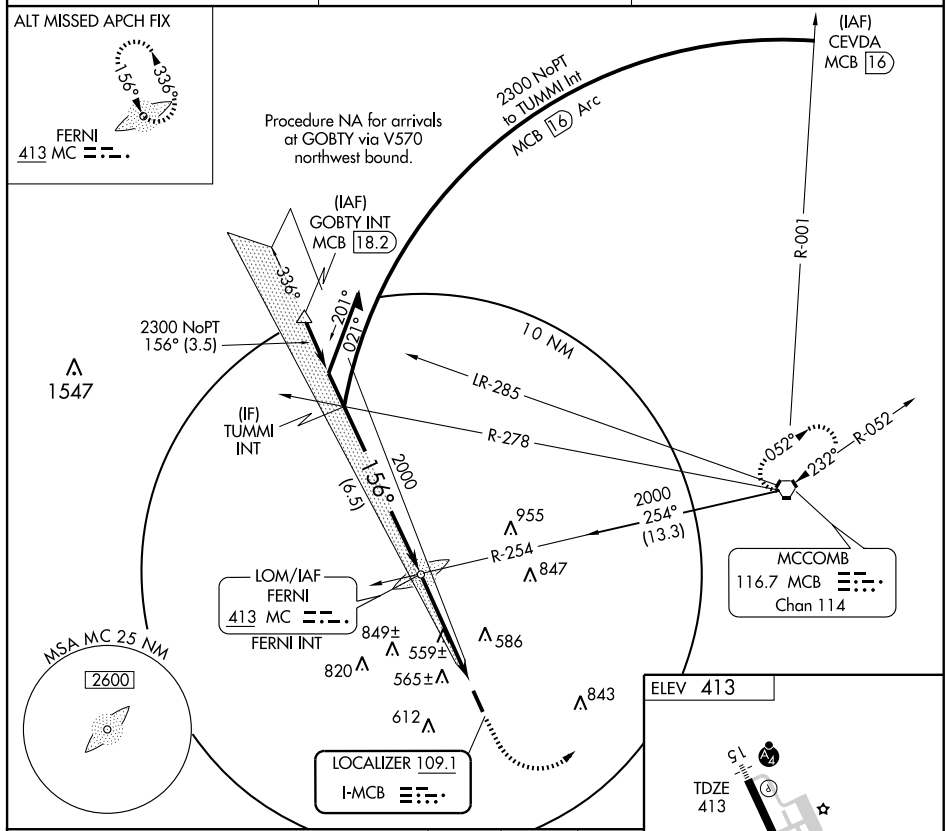
MCCOMB-PIKE COUNTY-JOHN E. LEWIS FIELD (MCB)

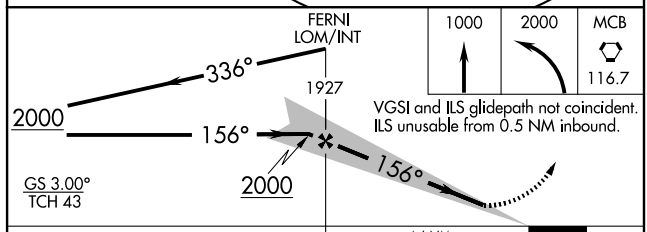
Inoperative table does not apply to S-LOC-15 Cat C. When local altimeter setting not received, use Natchez altimeter setting and increase all DA 135 feet, and all MDA 140 feet and increase S-ILS 15 all Cats visibility ½ mile, S-LOC 15 Cat C visibility ¼ mile, and Cat D visibility ½ mile, and circling Cats C and D visibility ¼ mile.

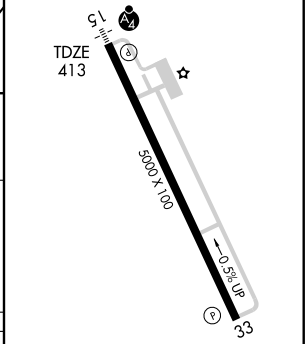
MALSF

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct MCB VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
119.025	126.8 327.8	123.05 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 15	613-¾ 200 (200-¾)			
S-LOC 15	820-¾ 407 (500-¾)		820-1¼ 407 (500-1¼)	
CIRCLING	880-1 467 (500-1)		880-1½ 467 (500-1½)	980-2 567 (600-2)

MIRL Rwy 15-33 L

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
153°	TDZE	413
	Apt Elev	413

RNAV (GPS) RWY 15

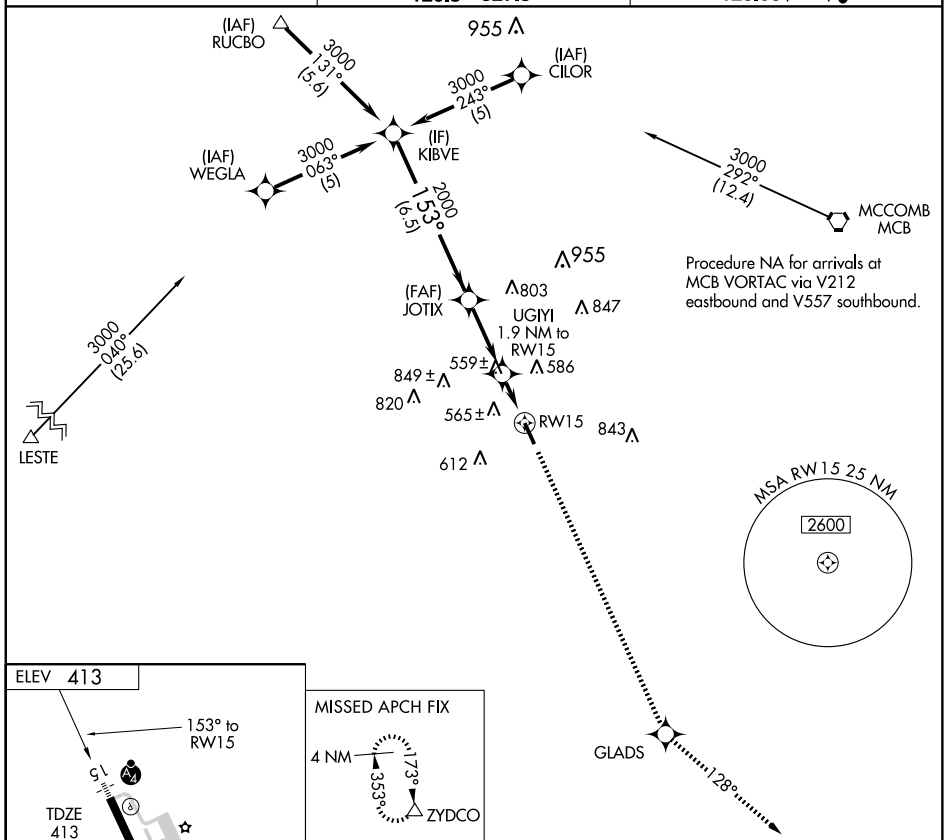
MCCOMB-PIKE COUNTY-JOHN E. LEWIS FIELD (MCB)

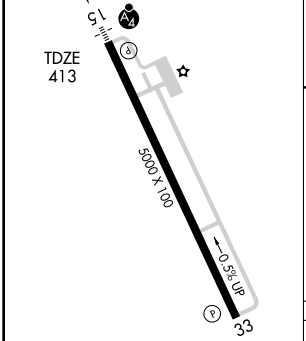
Inoperative table does not apply. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Natchez altimeter setting and increase all MDA 140 feet and LNAV visibility Cat C ¼ mile, Cat D ½ mile, Circling Cat C and D ¼ mile.

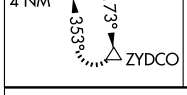
MALSF

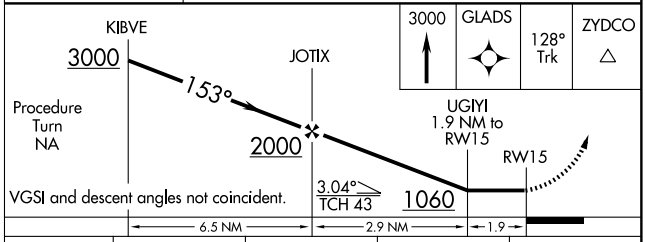
MISSED APPROACH: Climb to 3000 direct GLADS and via 128° track to ZYDCO and hold.

ASOS	HOUSTON CENTER	UNICOM
119.025	126.8 327.8	123.05 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	820-1	407 (500-1)	820-1¼	407 (500-1¼)
CIRCLING	920-1	507 (600-1)	920-1½ 507 (600-1½)	980-2 567 (600-2)

MIRL Rwy 15-33 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5000
CH 77808	333°	TDZE	407
W33A		Apt Elev	413

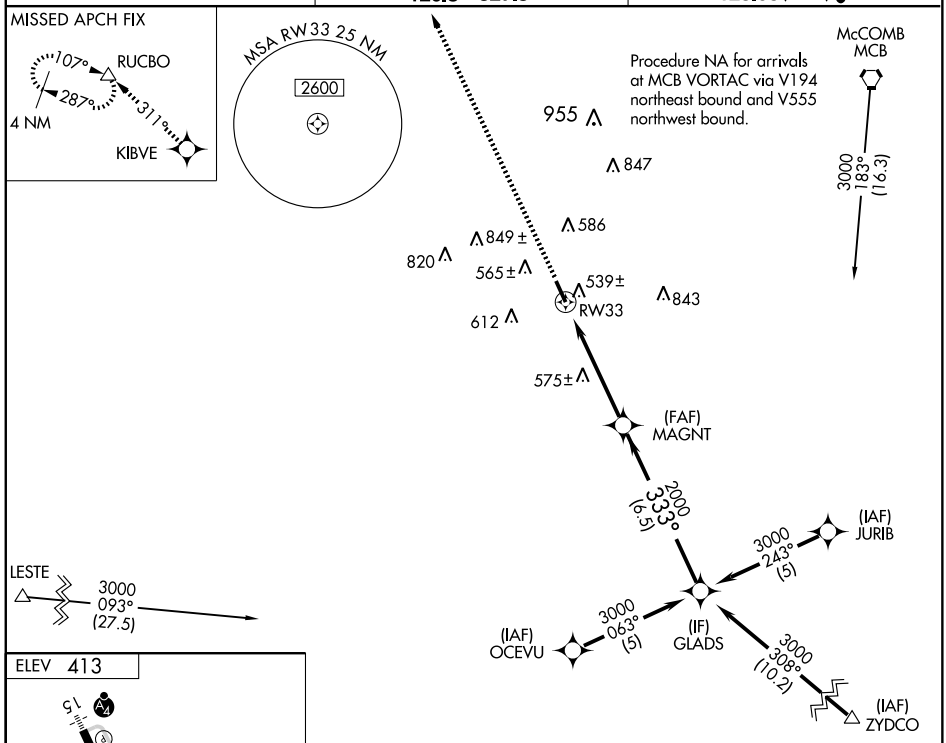
RNAV (GPS) RWY 33

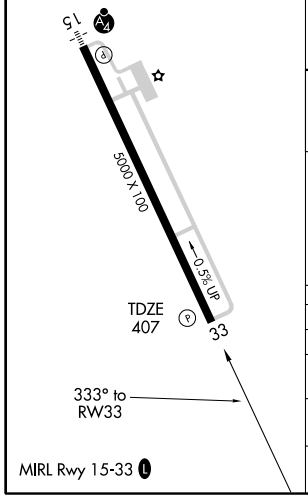
MCCOMB-PIKE COUNTY-JOHN E. LEWIS FIELD (MCB)

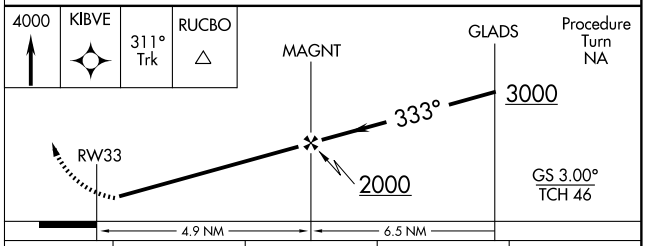
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Natchez altimeter setting and increase all DA/MDA 140 feet and visibility LPV ½ mile all Cats, LNAV/VNAV ½ mile all Cats, LNAV Cat C and D ¼ mile, Circling Cat C and D ¼ mile. Baro-VNAV NA when using Natchez altimeter setting.

MISSED APPROACH: Climb to 4000 direct KIBVE and via 311° track to RUCBO and hold.

ASOS	HOUSTON CENTER	UNICOM
119.025	126.8 327.8	123.05 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		765-1¼	358 (400-1¼)	
LNAV/VNAV DA		809-1½	402 (400-1½)	
LNAV MDA	840-1 433 (500-1)		840-1¼ 433 (500-1¼)	840-1½ 433 (500-1½)
CIRCLING	920-1 507 (600-1)		920-1½ 507 (600-1½)	980-2 567 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MCB	APP CRS	Rwy Idg	N/A
116.7	233°	TDZE	N/A
Chan 114		Apt Elev	413

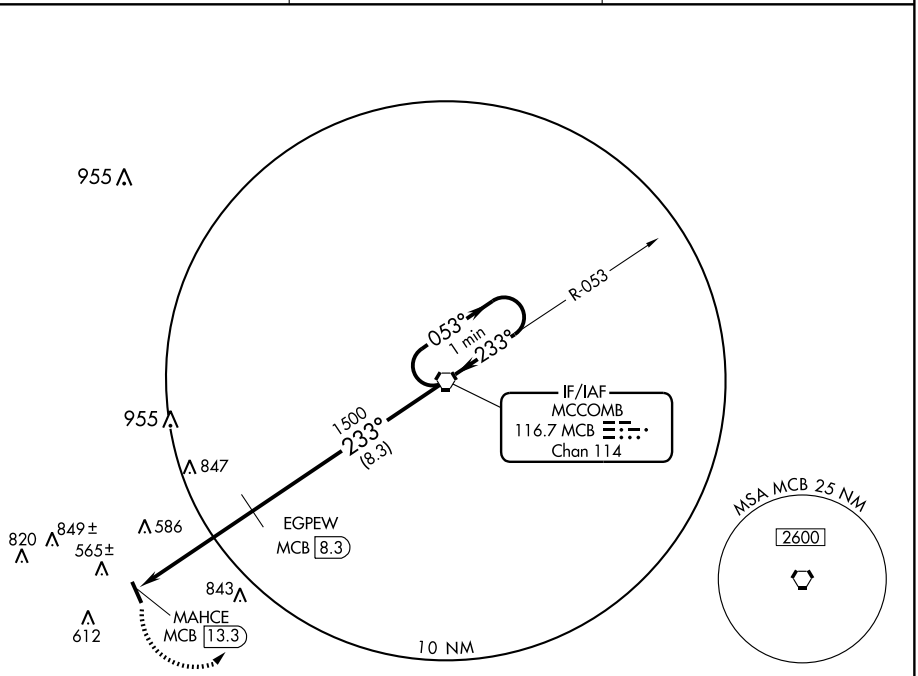
VOR/DME-A

MCCOMB-PIKE COUNTY-JOHN E. LEWIS FIELD (MCB)

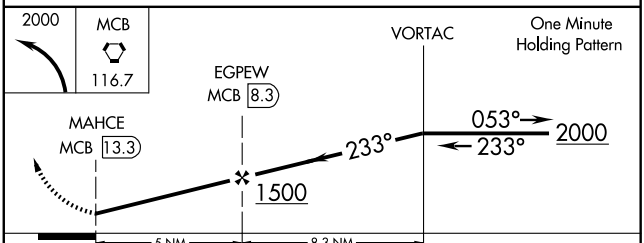
When local altimeter setting not received, use Natchez altimeter setting and increase MDA 140 feet and Cat C and D visibility ¼ mile.

MISSED APPROACH: Climbing left turn to 2000 direct MCB VORTAC and hold

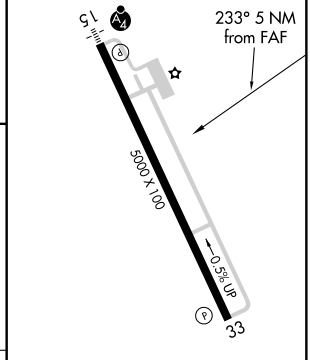
ASOS	HOUSTON CENTER	UNICOM
119.025	126.8 327.8	123.05 (CTAF) L



NoPT for arrival on MCB VORTAC airway radials 345 CW 145.



CATEGORY	A	B	C	D
CIRCLING	920-1	507 (600-1)	920-1½ 507 (600-1½)	980-2 567 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

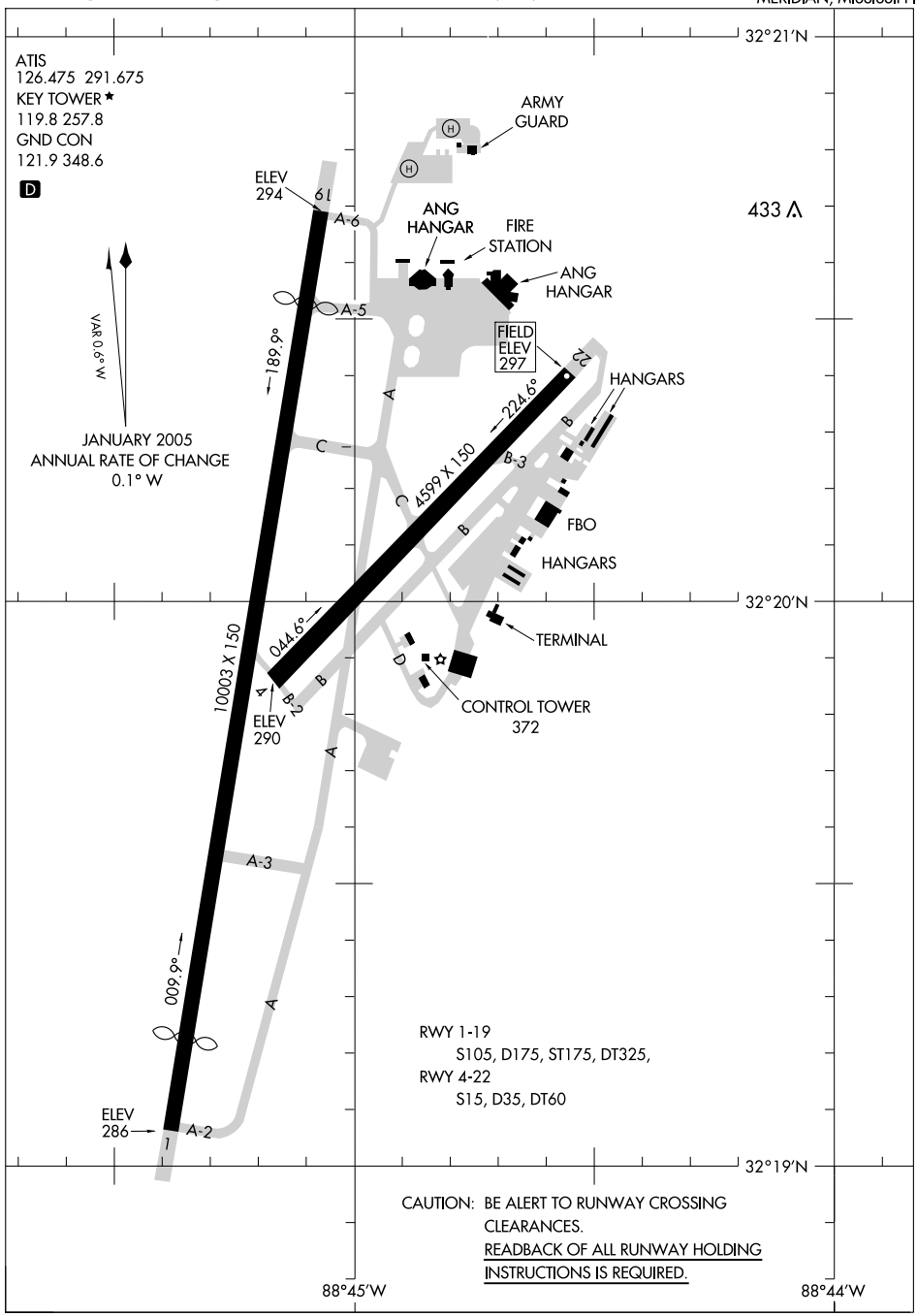
09071

AIRPORT DIAGRAM

AL-254 (FAA)

MERIDIAN/ KEY FIELD (MEI)

MERIDIAN, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-TACAN or VOR/DME-B

VORTAC MEI 117.0 Chan 117	APCH CRS 320°	Rwy ldg N/A TDZE N/A Arpt Elev 297

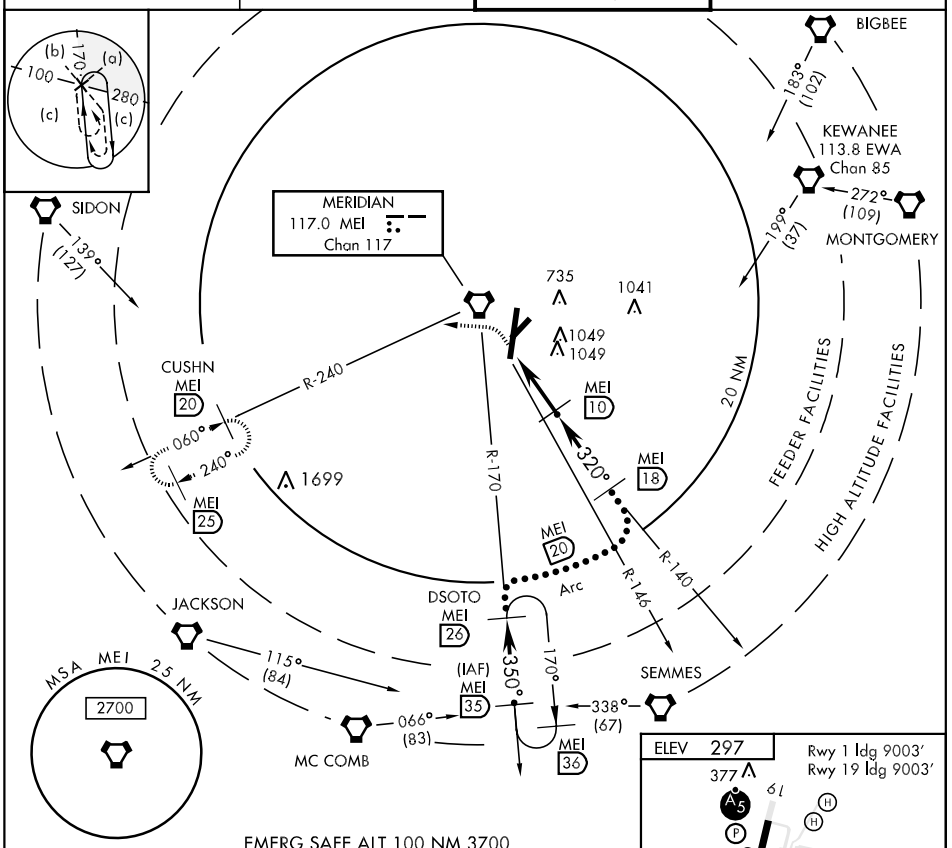
JAL-254 [USAF]

MERIDIAN/KEY FIELD (KMEI)

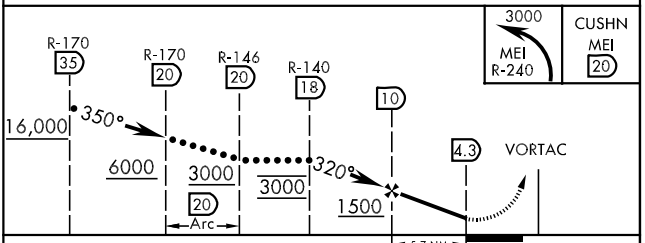
* Circling not authorized E of Rwy 1-19.

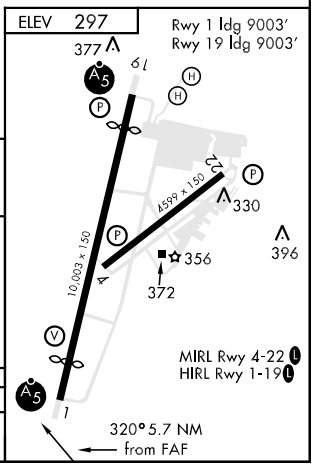
MISSED APPROACH: Climbing left turn to 3000 via MEI R-240 to CUSHN 20 DME and hold.

ATIS	MERIDIAN APP CON	KEY TOWER ★	GND CON
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6



EMERG SAFE ALT 100 NM 3700





CATEGORY	C	D	E
CIRCLING *	1000-2 703 (800-2)	1000-2¼ 703 (800-2¼)	1160-3 863 (900-3)

HI-TACAN or VOR/DME-B

LOC I-MEI	APP CRS	Rwy Idg	9003
110.1	008°	TDZE	289
		Apt Elev	297

ILS or LOC RWY 1

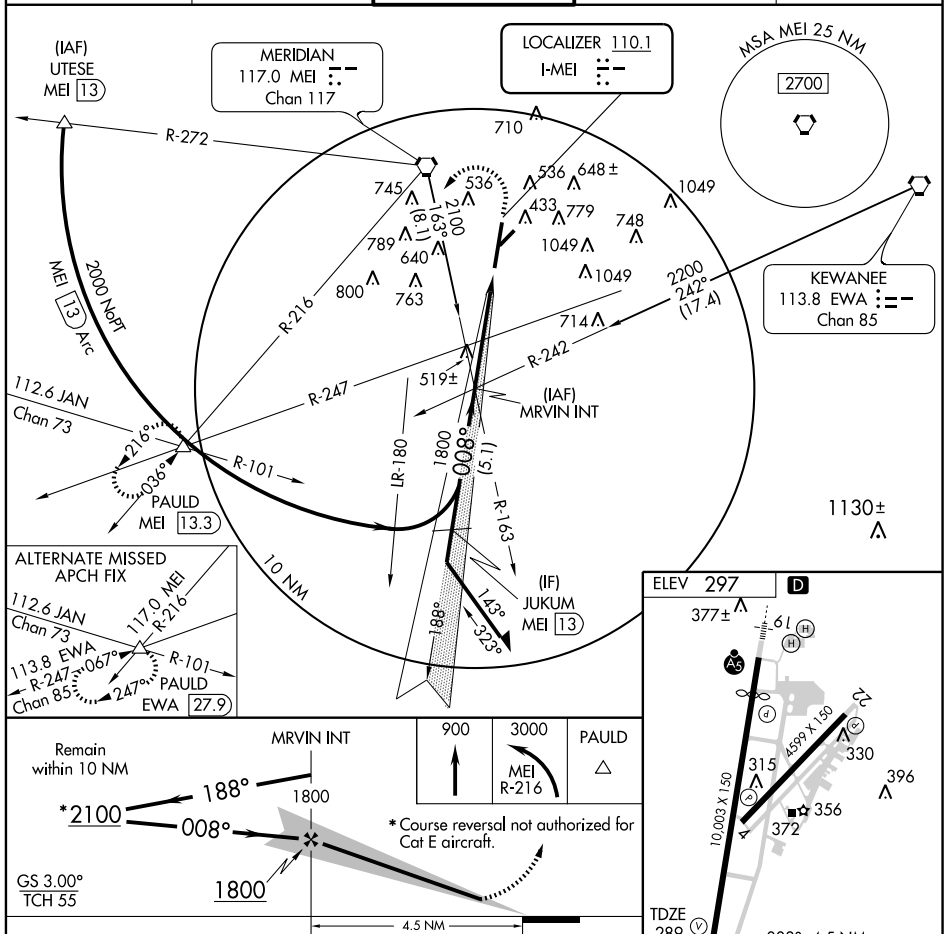
MERIDIAN/KEY FIELD (MEI)

▼ When local altimeter setting not received use Hattiesburg-Laurel Rgnl altimeter setting and increase all DA/MDA 140 feet, S-ILS 1 all Cats visibility to RVR 4000, S-LOC 1 Cat C visibility to RVR 6000, Cat D and E visibility ½ mile, and circling Cats C and D visibility ½ mile. For inoperative MALSR, increase S-ILS 1 Cat E visibility to RVR 4000 and S-LOC 1 Cat E visibility to 1¾. For inoperative MALSR, when using Hattiesburg-Laurel Rgnl altimeter setting, increase S-ILS 1 all Cats visibility to RVR 6000, and S-LOC 1 Cat E visibility to 2¼. Circling NA southeast of Rwys 1 and 4.
▲ **RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 900 then climbing left turn to 3000 via MEI R-216 to PAULD Int and hold.

ATIS	MERIDIAN APP CON ★	KEY TOWER ★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95



CATEGORY	A	B	C	D	E
S-ILS 1	**489/24 200 (200-½)				489/24 200 (200-½)
S-LOC 1	780/24 491 (500-½)		780/40 491 (500-¾)	780/50 491 (500-1)	780/60 491 (500-1¼)
CIRCLING	860-1 563 (600-1)	880-1 583 (600-1)	880-1½ 583 (600-1½)	940-2 643 (700-2)	1160-3 863 (900-3)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-IKQ	APP CRS	Rwy Idg 9003
111.35	188°	TDZE 293
Chan 50 (Y)		Apt Elev 297

ILS or LOC RWY 19

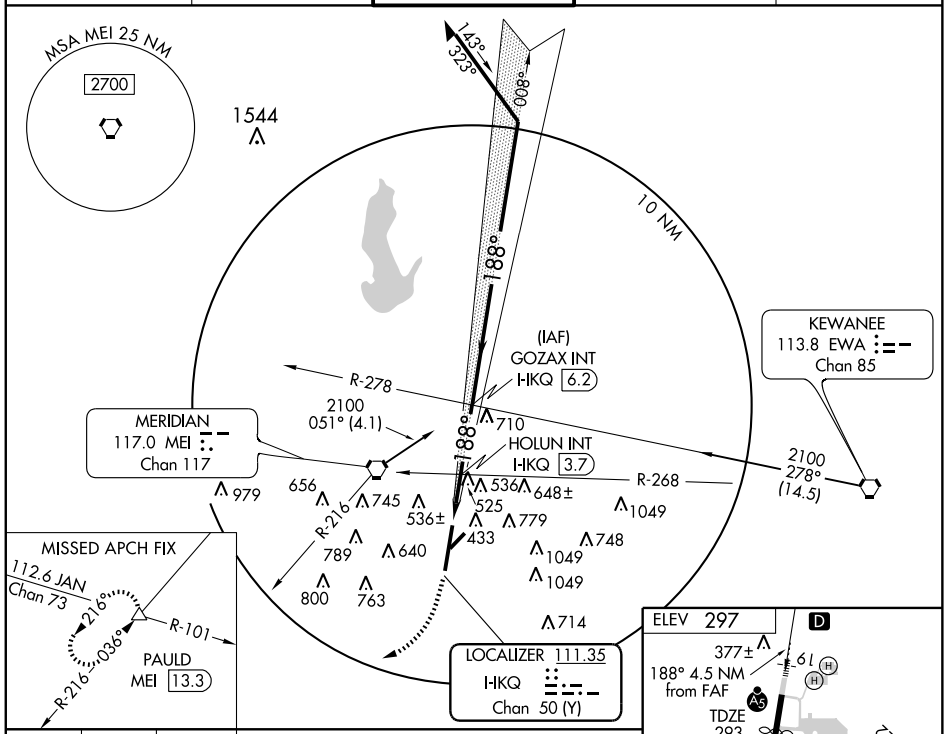
MERIDIAN/KEY FIELD (MEI)

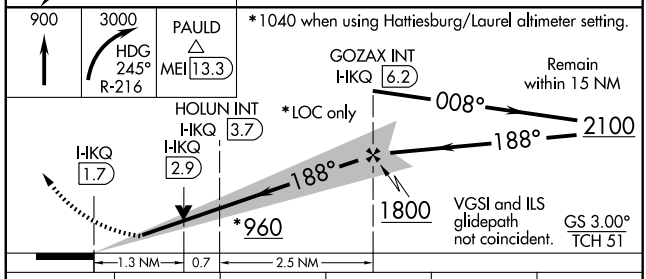
DME required. Visibility reduction by helicopters NA. If local altimeter setting not received, use Hattiesburg/Laurel altimeter setting and increase all DAs/MDAs 140 feet. VDP NA when using Hattiesburg/Laurel altimeter setting. Circling NA SE of runways 1 and 4.

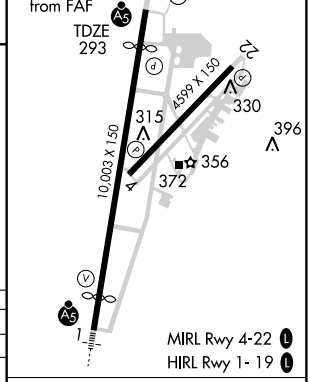
ASR

MISSED APPROACH: Climb to 900 then climbing right turn to 3000 via heading 245° and MEI VORTAC R-216 to PAULD/MEI 13.3 DME and hold.

ATIS	MERIDIAN APP CON*	KEY TOWER *	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95







CATEGORY	A	B	C	D	E
S-ILS 19	599-1 306 (400-1)				
S-LOC 19	760-1 467 (500-1)		760-1¼ 467 (500-1¼)	760-1½ 467 (500-1½)	760-1¾ 467 (500-1¾)
CIRCLING	860-1 563 (600-1)	880-1 583 (600-1)	880-1½ 583 (600-1½)	940-2 643 (700-2)	1120-3 823 (900-3)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 86500 W01A	APP CRS 008°	Rwy Idg 9003 TDZE 289 Apt Elev 297

RNAV (GPS) RWY 1

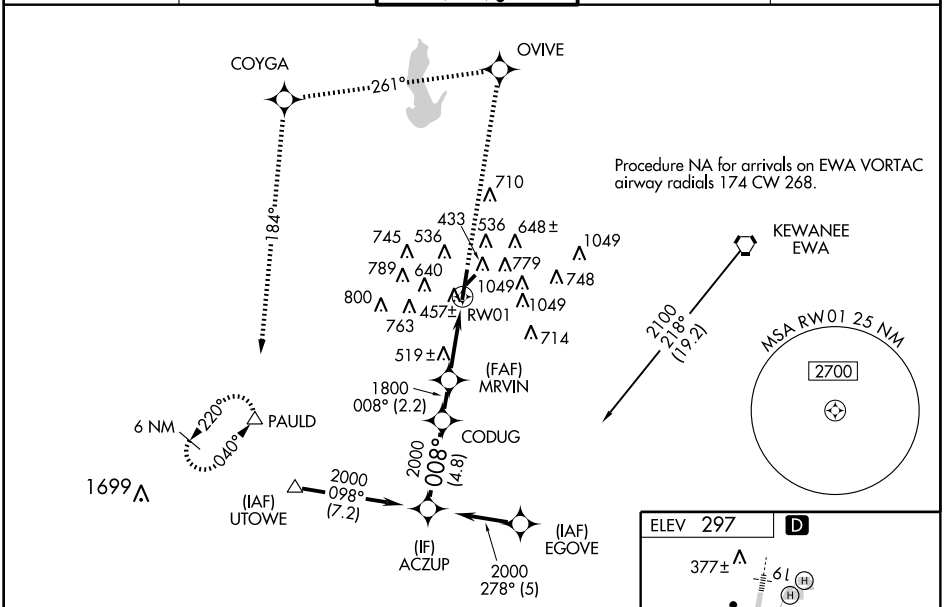
MERIDIAN/KEY FIELD (MEI)

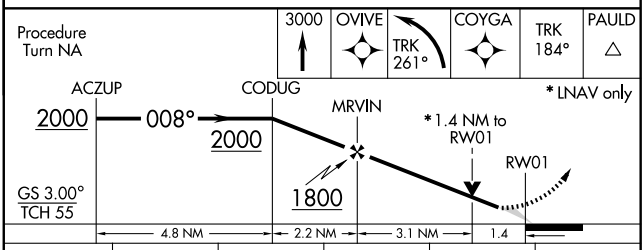
When local altimeter setting not received, use Hattiesburg/Laurel Rgnl altimeter setting and increase all DA/MDA 140 feet, LPV all Cats visibility to RVR 4000, LNAV/VNAV all Cats visibility ½ mile, LNAV Cats C, D and E visibility ½ mile, and circling Cats C and D visibility ½ mile. For inoperative MALSR increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 2¼, and LNAV Cat E visibility to 1¾. For inoperative MALSR when using Hattiesburg/Laurel Rgnl altimeter setting increase LPV all Cats visibility to RVR 6000, LNAV/VNAV all Cats visibility to 2¾, and LNAV Cat E visibility to 2¼. VDP NA when using Hattiesburg/Laurel Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Baro-VNAV NA when using Hattiesburg/Laurel Rgnl altimeter setting. Circling NA southeast of Rwys 1 and 4. DME/DME RNP-0.3 NA.

MALSR

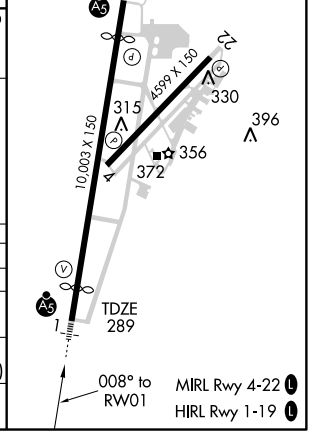
MISSED APPROACH: Climb to 3000 direct OVIVE then left turn via 261° track to COYGA and 184° track to PAULD and hold.

ATIS	MERIDIAN APP CON ★	KEY TOWER ★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95





CATEGORY	A	B	C	D	E
LPV DA	489/24 200 (200-½)				
LNAV/VNAV DA	909-1 3/4 620 (700-1¾)				
LNAV MDA	780/24 491 (500-½)		780/40 491 (500-¾)	780/50 491 (500-1)	780/60 491 (500-1¼)
CIRCLING	860-1 563 (600-1)	880-1 583 (600-1)	880-1½ 583 (600-1½)	940-2 643 (700-2)	1160-3 863 (900-3)



SC-4, 17 DEC 2009 to 14 JAN 2010

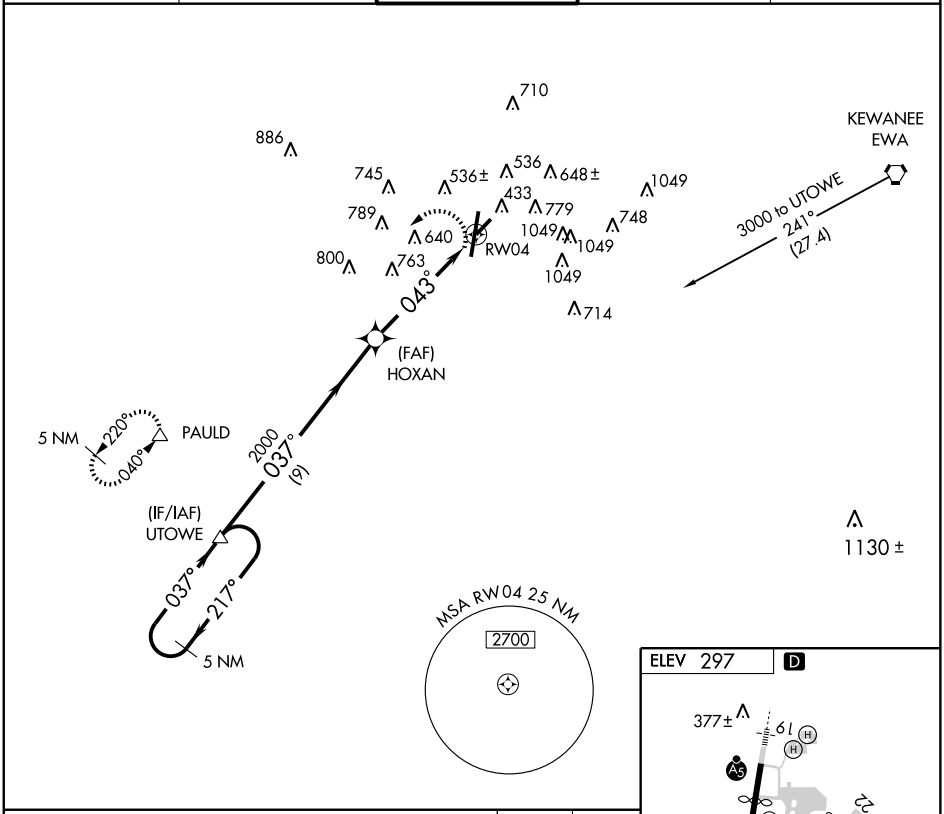
APP CRS	Rwy Idg	4599
043°	TDZE	295
	Apt Elev	297

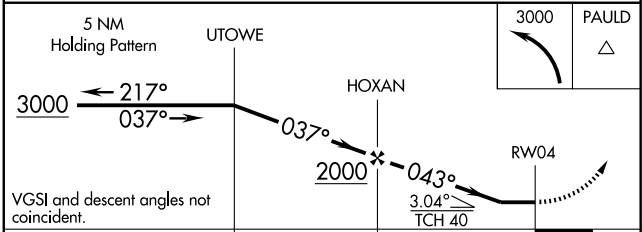
RNAV (GPS) RWY 4
MERIDIAN/KEY FIELD (MEI)

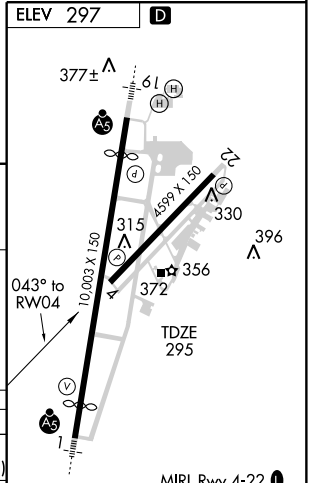
DME/DME RNP-0.3 NA. Circling NA southeast of Rwys 1 and 4. If local altimeter setting not received, use Hattiesburg/Laurel altimeter setting and increase all MDAs 140 feet. When VGSI inoperative, straight-in/circling Rwy 4 and circling Rwy 22 NA at night.

MISSED APPROACH: Climbing left turn to 3000 direct PAULD and hold.

ATIS	MERIDIAN APP CON ★	KEY TOWER ★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95







CATEGORY	A	B	C	D	E
LNAV MDA	920-1	625 (700-1)	920-1¾ 625 (700-1¾)	920-2 625 (700-2)	920-2¼ 625 (700-2¼)
CIRCLING	920-1	623 (700-1)	920-1¾ 623 (700-1¾)	940-2 643 (700-2)	1120-3 823 (900-3)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9003
CH 61003	188°	TDZE	293
W19A		Apt Elev	297

RNAV (GPS) RWY 19

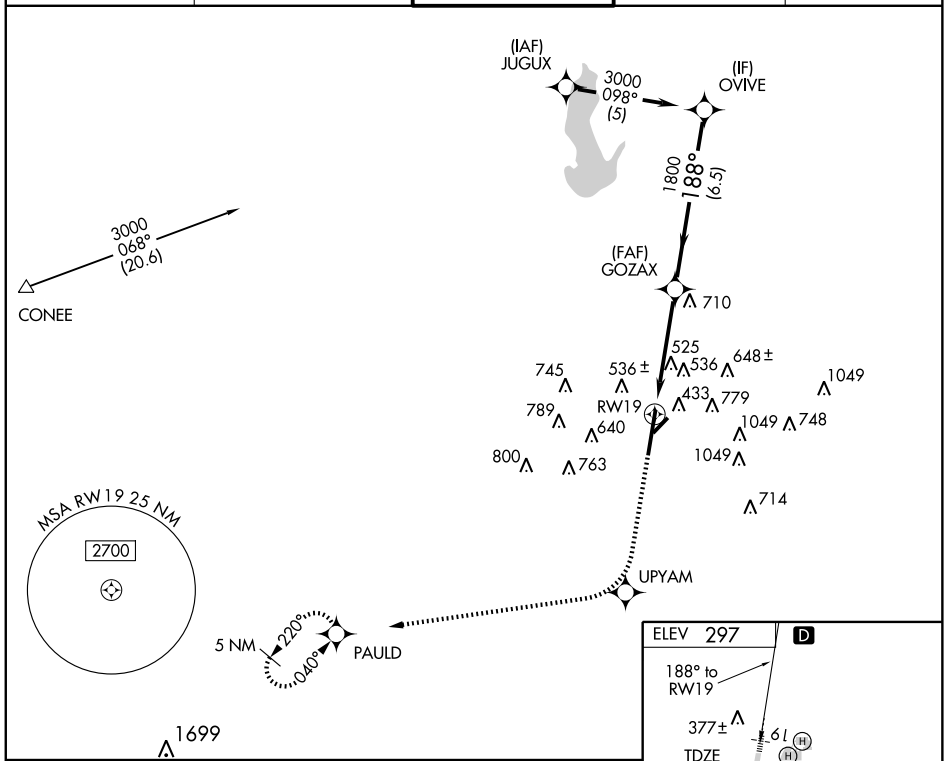
MERIDIAN/KEY FIELD (MEI)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling NA SE of runways 1 and 4. If local altimeter setting not received, use Hattiesburg/Laurel altimeter setting and increase all DAs/MDAs 140 feet. VDP NA when using Hattiesburg/Laurel altimeter setting.

ASR

MISSED APPROACH: Climb to 3000 direct UPYAM and via 261° track to PAULD and hold.

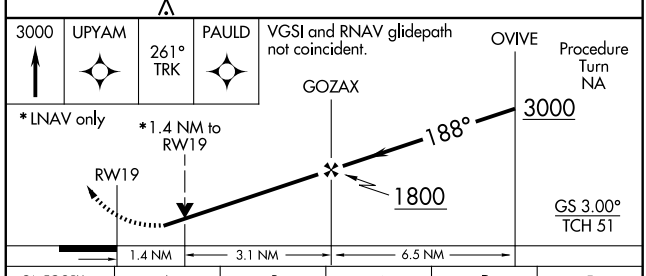
ATIS	MERIDIAN APP CON★	KEY TOWER★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95



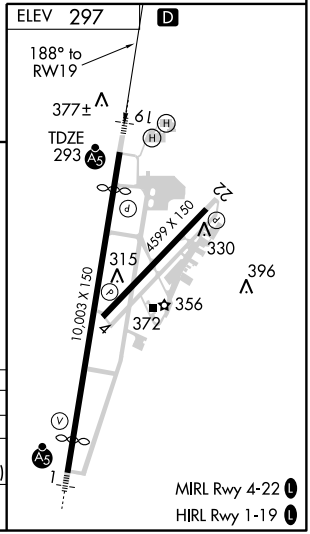
3000	UPYAM	261° TRK	PAULD

VGSI and RNAV glidepath not coincident.

Procedure Turn NA



CATEGORY	A	B	C	D	E
LPV DA	635-1¼ 342 (400-1¼)				
LNAV MDA	780- 1 487 (500-1)		780-1¼ 487 (500-1¼)	780-1½ 487 (500-1½)	780-1¾ 487 (500-1¾)
CIRCLING	860-1¼ 563 (600-1¼)	880-1¼ 583 (600-1¼)	880-1½ 583 (600-1½)	940-2 643 (700-2)	1120-3 823 (900-3)



SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4599
223°	TDZE	297
	Apt Elev	297

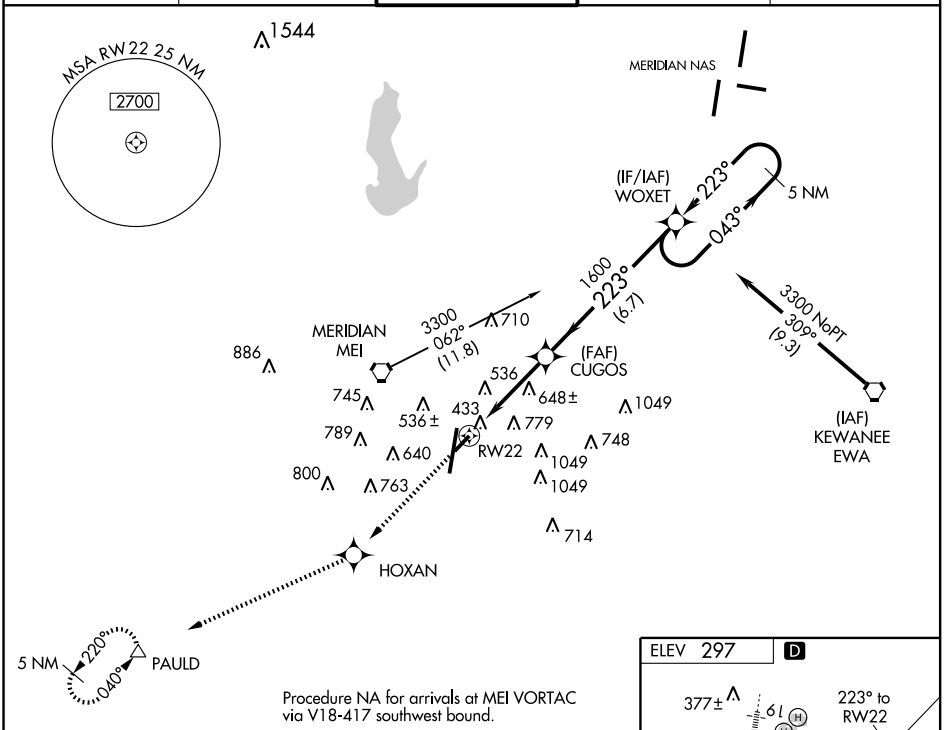
RNAV (GPS) RWY 22

MERIDIAN/KEY FIELD (MEI)

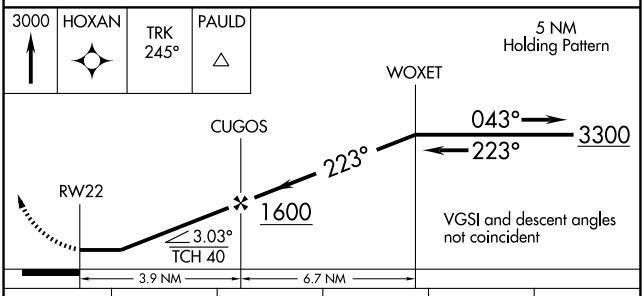
DME/DME RNP-0.3 NA. Circling NA southeast of runways 1 and 4. If local altimeter setting not received, use Hattiesburg/Laurel altimeter setting and increase all MDAs 140 feet. When VGSI inoperative, straight-in/circling runway 22 NA at night.

MISSED APPROACH: Climb to 3000 direct HOXAN and via 245 track to PAULD and hold.

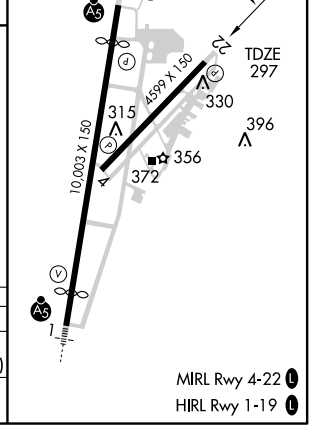
ATIS	MERIDIAN APP CON ★	KEY TOWER ★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95



Procedure NA for arrivals at MEI VORTAC via V18-417 southwest bound.



CATEGORY	A	B	C	D	E
LNAV MDA	940-1	643 (700-1)	940-1¾ 643 (700-1¾)	940-2 643 (700-2)	940-2¼ 643 (700-2¼)
CIRCLING	940-1	643 (700-1)	940-1¾ 643 (700-1¾)	940-2 643 (700-2)	1120-3 823 (900-3)



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC MEI 117.0 Chan 117	APP CRS 130°	Rwy Idg N/A TDZE N/A Apt Elev 297

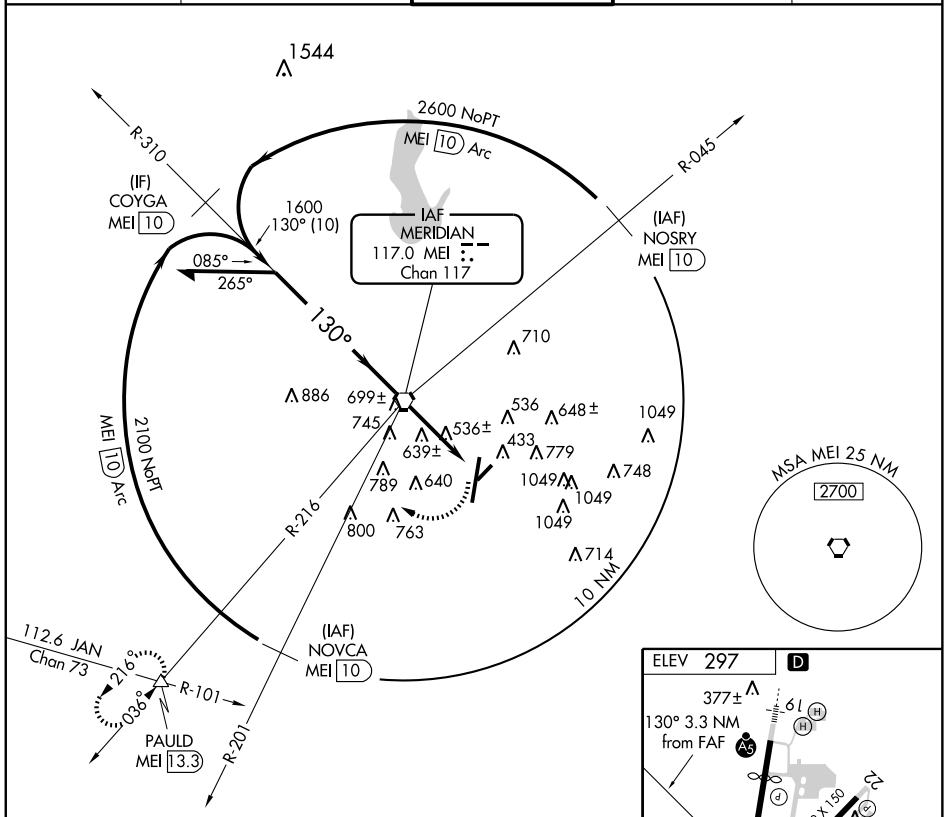
VOR-A

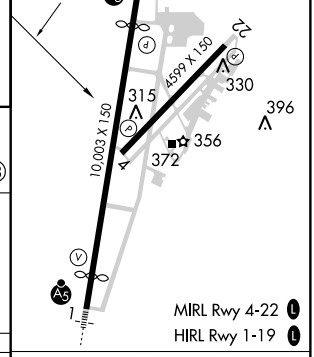
MERIDIAN/KEY FIELD (MEI)

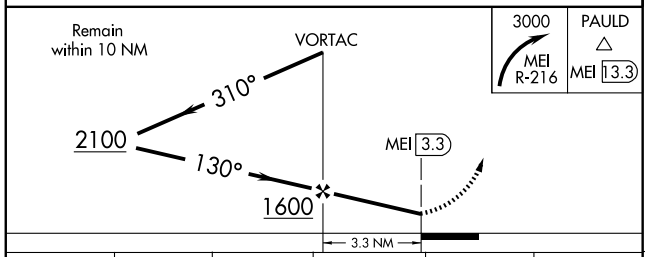
Circling not authorized southeast of Rwys 1 and 4. If local altimeter setting not received, use Hattiesburg/Laurel altimeter setting and increase all MDAs 140 feet. Procedure turn NA for Cat E. DME Required

MISSED APPROACH: Climbing right turn to 3000 via MEI R-216 to PAULD/MEI 13.3 DME and hold.

ATIS	MERIDIAN APP CON ★	KEY TOWER ★	GND CON	UNICOM
126.475 291.675	120.5 269.6	119.8 (CTAF) L 257.8	121.9 348.6	122.95



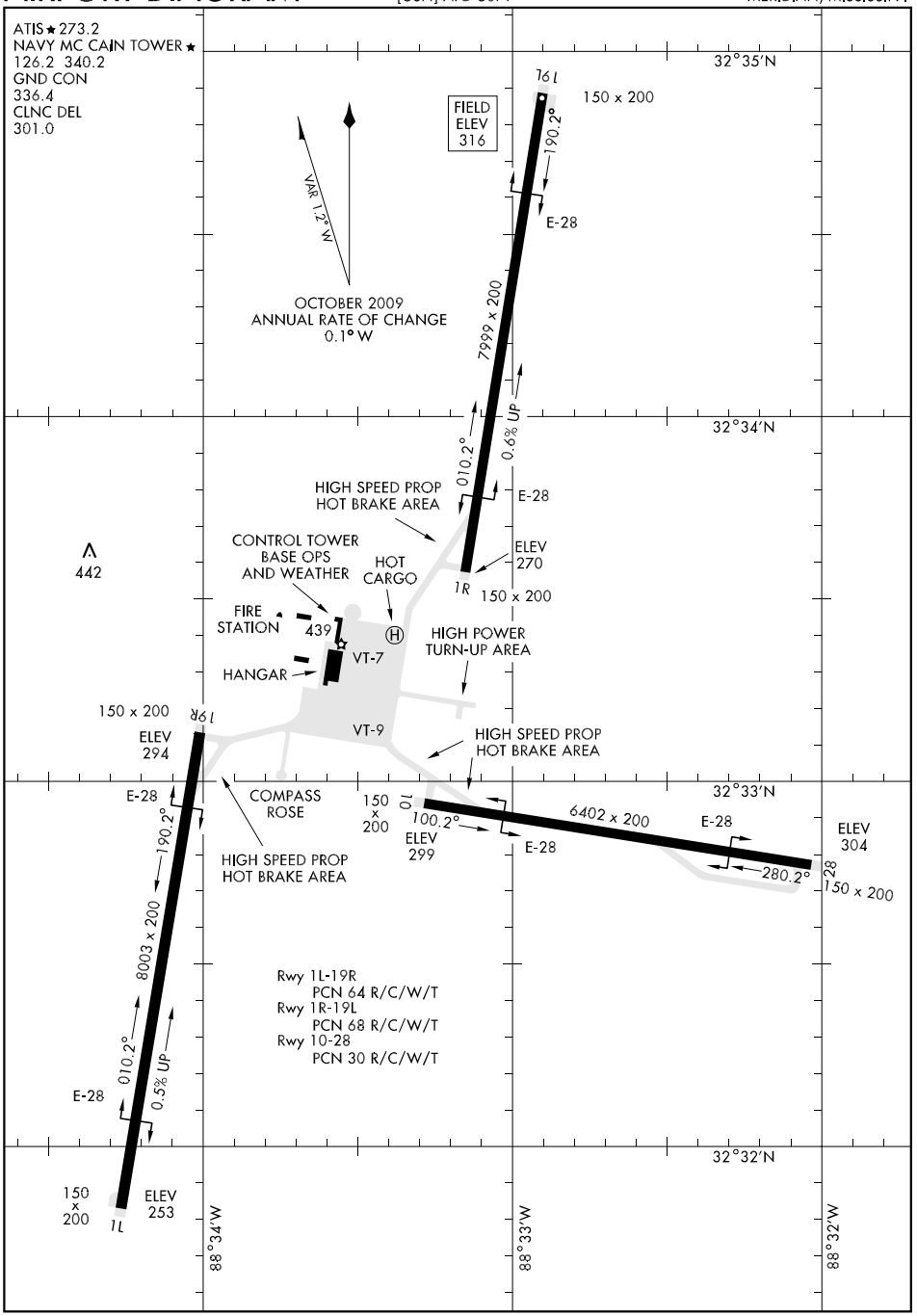




CATEGORY	A	B	C	D	E
CIRCLING	900-1	603 (700-1)	900-1¾ 603 (700-1¾)	940-2 643 (700-2)	1120-3 823 (900-3)

FAF to MAP 3.3 NM					
Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

SC-4, 17 DEC 2009 to 14 JAN 2010



SC-4, 17 DEC 2009 to 14 JAN 2010

HI-ILS OR LOC/DME RWY 19L

LOC I-NMM	APCH CRS	Rwy ldg 7999 / TDZE 316 / Arpt Elev 316
109.7	188°	

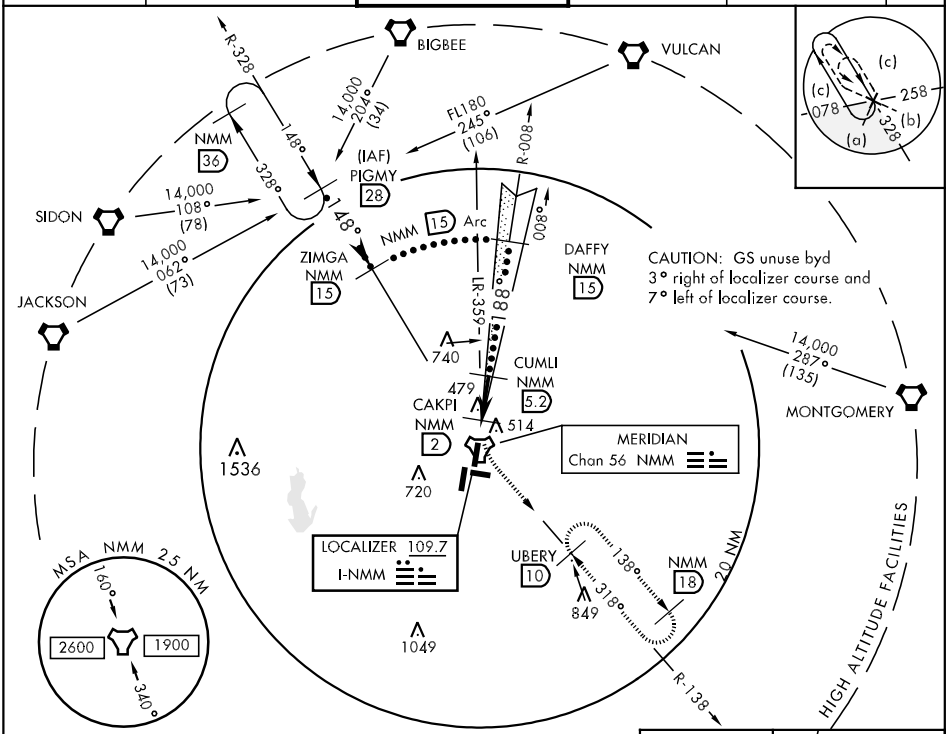
JAL-5079 [USN] MERIDIAN NAS (MC CAIN FIELD) (KNMM)

* When ALS inop, increase CAT CDE vis to ¾ mile.
** When ALS inop, increase CAT C vis to 1 mile, CAT DE to 1¼ miles.

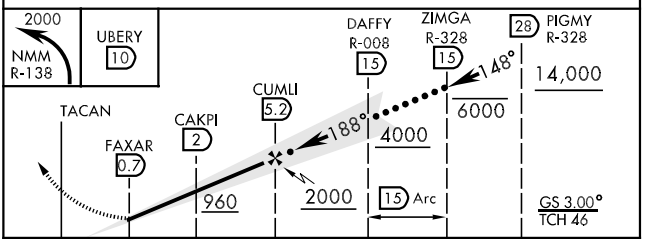
SSALR A3

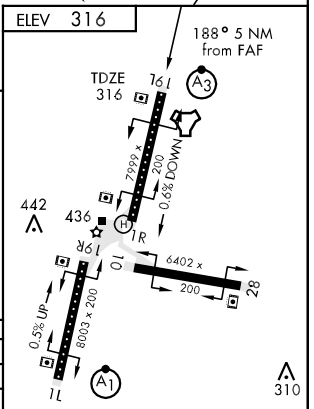
MISSED APPROACH: Climbing left turn to 2000 via NMM R-138 to UBERY and hold.

ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	



EMERG SAFE ALT 100 NM 3500





CATEGORY	C	D	E
S-ILS 19L *	516- ½	200	(200-½)
S-LOC 19L**	700- ¾	384	(400-¾)
CIRCLING	820-1½ 504 (600-1½)	880-2 564 (600-2)	1060-2¾ 744 (800-2¾)

HIRL Rwy 1R-19L, 1L-19R
HIRL Rwy 10-28

HI-TACAN RWY 1L

TACAN	APCH CRS	Rwy ldg	8003
NMM Chan 56	022°	TDZE	253
		Arpt Elev	316

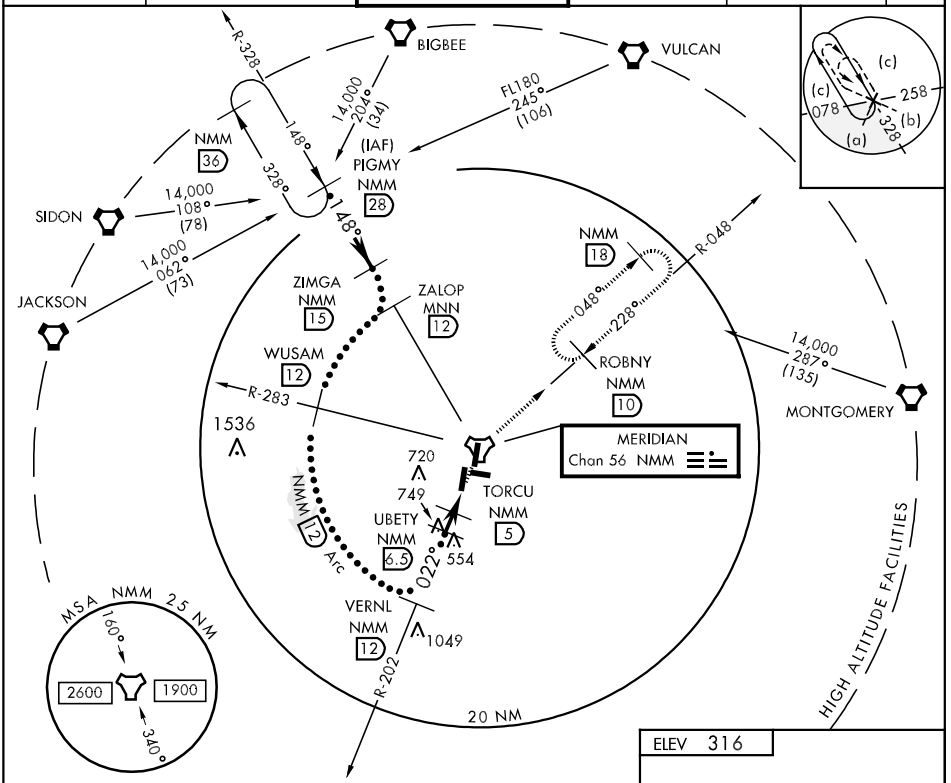
JAL-5079 [USN] MERIDIAN NAS (MC CAIN FIELD) (KNMM)

* When ALS inop, increase CAT C vis to 1½ miles, CAT DE to 1¾ miles.

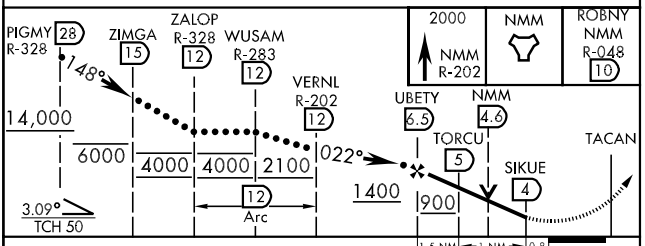
ALSF-1

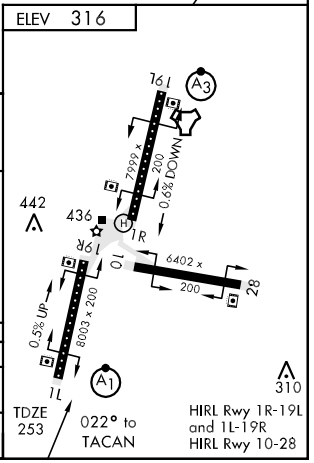
MISSED APPROACH: Climb to 2000 via NMM R-202 to NMM TACAN then via R-048 to ROBNY and hold.

ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/ PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	



EMERG SAFE ALT 100 NM 3500





CATEGORY	C	D	E
S- 1L *	780-1 527 (500-1)	780-1¼ 527 (500-1¼)	
CIRCLING	820-1½ 504 (600-1½)	880-2 564 (600-2)	1060-2¾ 744 (800-2¾)

HI-TACAN RWY 19L

TACAN	APCH CRS	Rwy ldg	7999
NMM Chan 56	178°	TDZE	316
		Arpt Elev	316

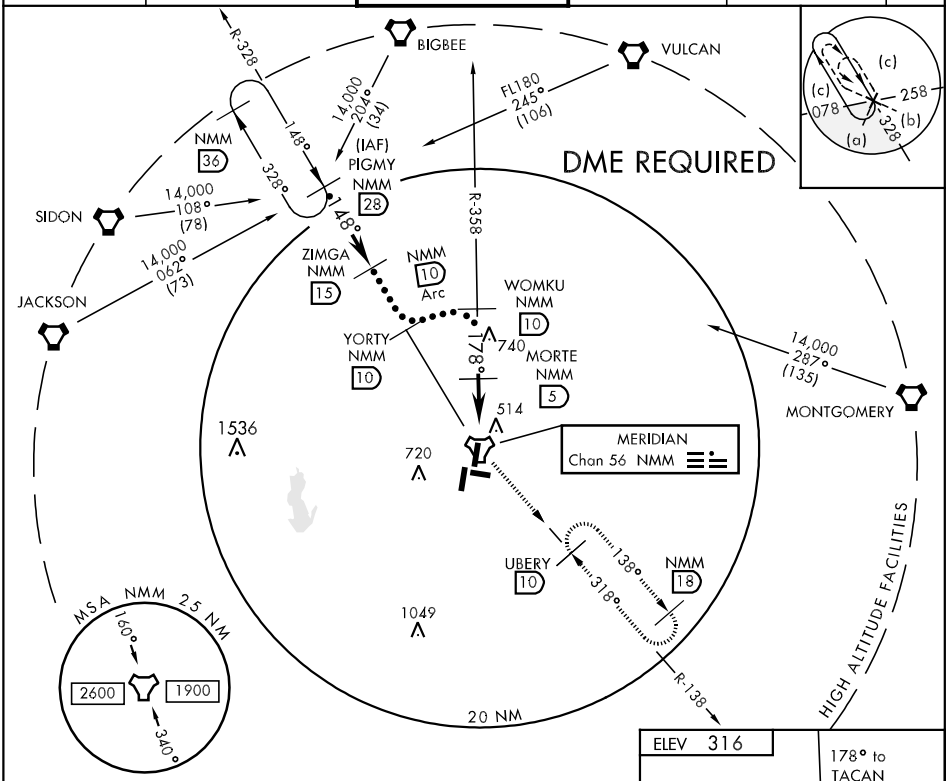
JAL-5079 [USN] — MERIDIAN NAS (MC CAIN FIELD) (KNMM)

▼ * When ALS inop, increase CAT C vis to 1¼ miles, CAT D to 1½ miles, CAT E to 1¾ miles.

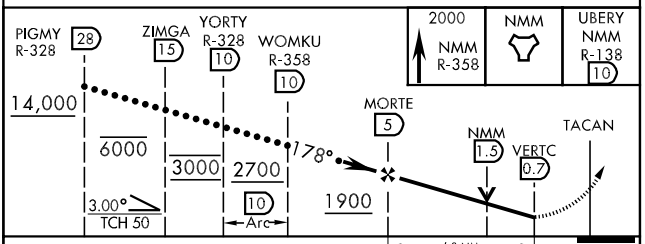
SSALR A3

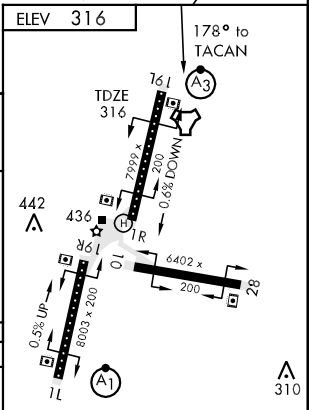
MISSED APPROACH: Climb to 2000 via NMM R-358 to TACAN then via R-138 to UBERY and hold.

ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	



EMERG SAFE ALT 100 NM 3500





CATEGORY	C	D	E
S- 19L *	780-¾ 464 (500-¾)	780-1 464 (500-1)	780-1¼ 464 (500-1¼)
CIRCLING	820-1½ 504 (600-1½)	880-2 564 (600-2)	1060-2¾ 744 (800-2¾)

HIRL Rwy 1R-19L, 1L-19R
HIRL Rwy 10-28

ILS or LOC/DME RWY 19L

LOC I-NMM	APCH CRS	Rwy ldg	7999
109.7	188°	TDZE	316
		Arpt Elev	316

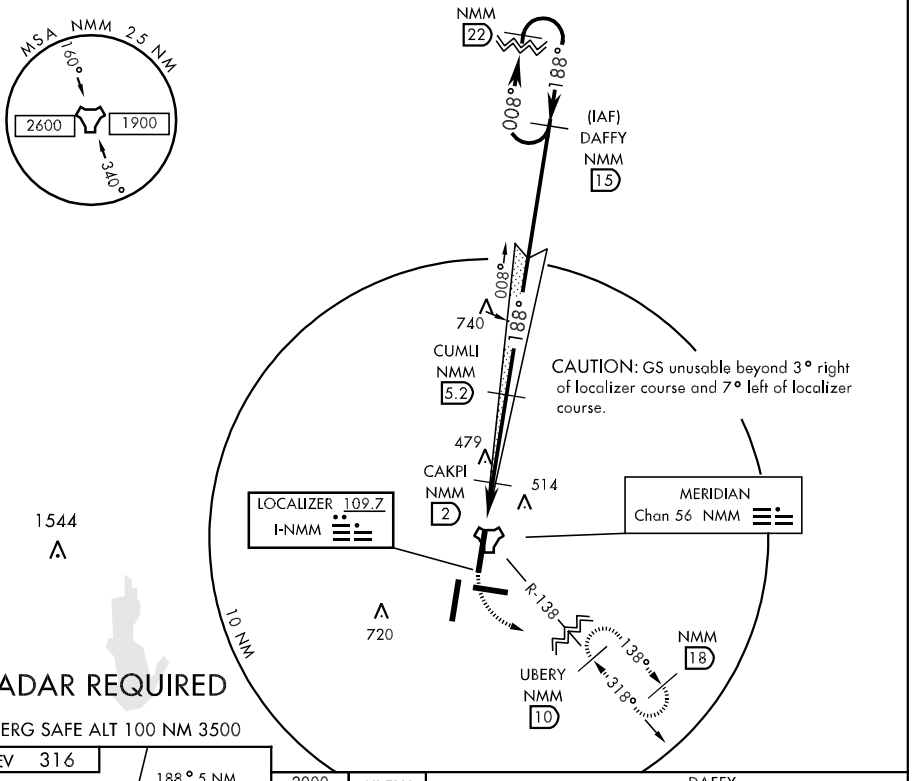
AL-5079 [USN] MERIDIAN NAS (MC CAIN FIELD) (KNMM)

* When ALS inop, increase All CAT vis to ¾ mile.
** When ALS inop, increase CAT ABC vis to 1 mile, CAT D to 1¼ miles.

SSALR A3

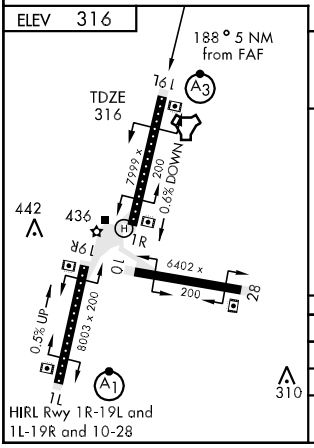
MISSED APPROACH: Climbing left turn to 2000 via NMM R-138 to UBERY and hold.

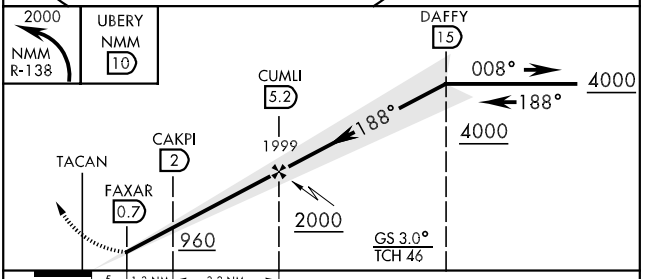
ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	



RADAR REQUIRED

EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D
S-ILS 19L *	516-½	200 (200-½)		
S-LOC 19L **	700-½ 384 (400-½)		700-¾ 384 (400-¾)	
CIRCLING	820-1 504 (600-1)		820-1 1/2 504 (600-1 ½)	880-2 564 (600-2)

RNAV (GPS) RWY 1L

APCH CRS	Rwy ldg	8003
008°	TDZE	253
	Arpt Elev	316

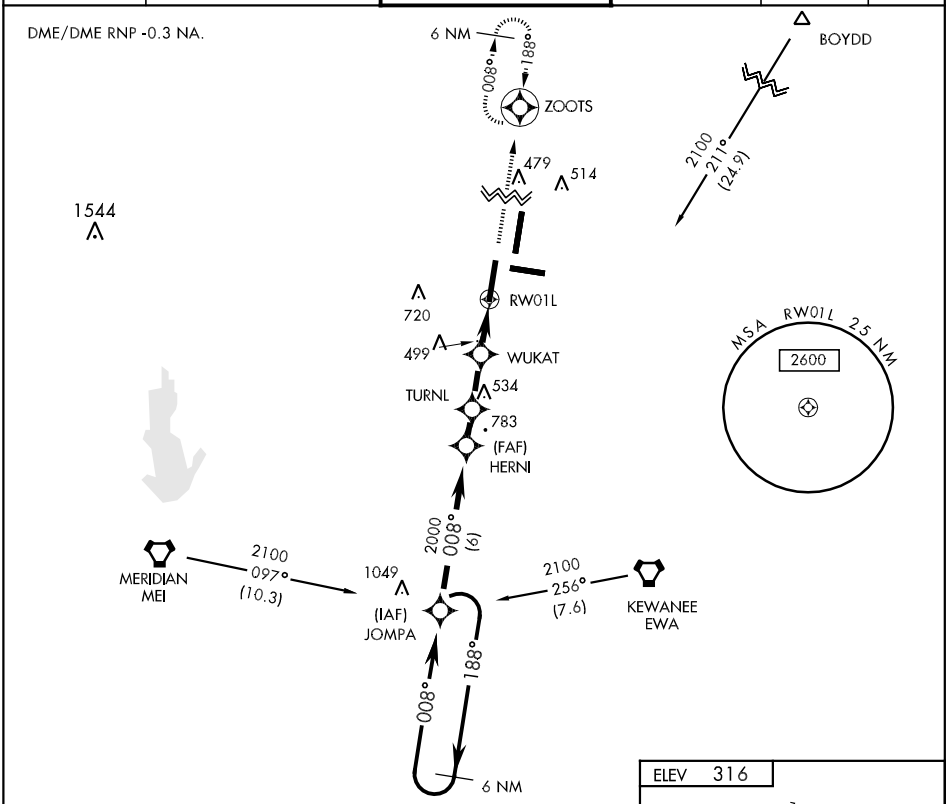
AL-5079 [USN] MERIDIAN NAS (MC CAIN FIELD) (KNMM)

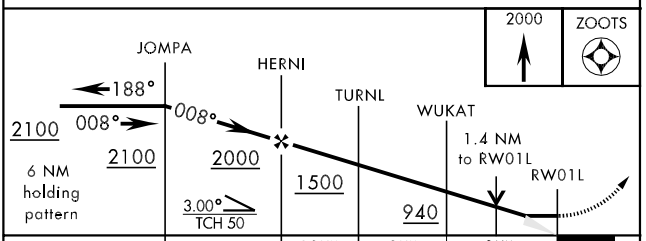
* When ALS inop, increase CAT AB vis to 1 mile, CAT CD to 1½ miles, CAT E to 1¾ miles.

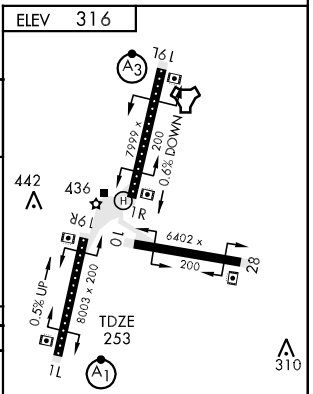
SSALR (A3)

MISSED APPROACH: Climb to 2000 direct ZOOTS and hold.

ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	







CATEGORY	A	B	C	D	E
LNAV MDA*	760-½ 507 (500-½)		760-1 507 (500-1)		760-1¼ 507 (500-1¼)
CIRCLING	820-1 504 (600-1)		820-1½ 504 (600-1½)	880-2 564 (600-2)	1060-2¾ 744 (800-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 19L

APCH CRS	Rwy ldg	7999
188°	TDZE	316
	Arpt Elev	316

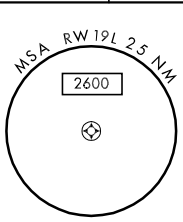
AL-5079 [USN] MERIDIAN NAS (MC CAIN FIELD) (KNMM)

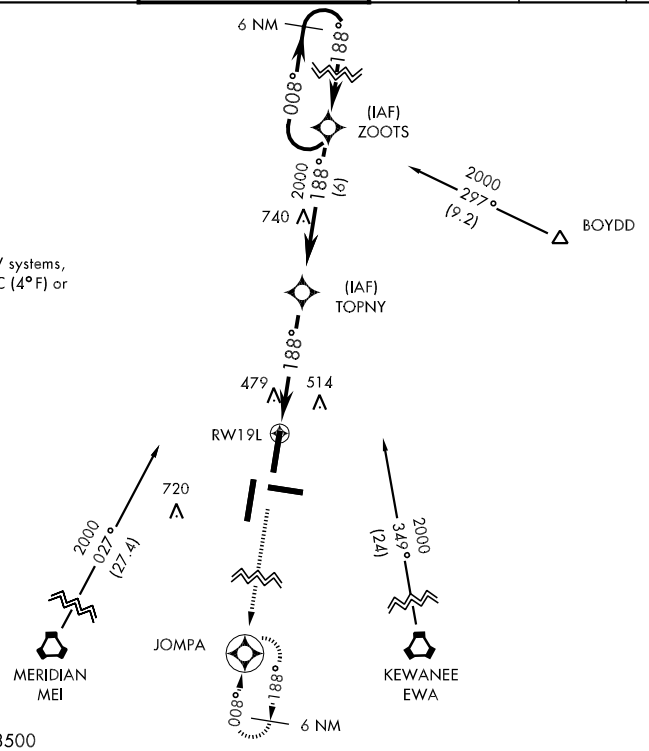
▼ * When ALS inop, increase CAT AB vis to 1 mile, CAT C to 1¼ miles, CAT DE to 1½ miles.
** When ALS inop, increase All CAT vis to 1¾ miles.

SSALR (A3)

MISSED APPROACH: Climb to 2100 direct JOMPA and hold.

ATIS ★	MERIDIAN APP CON	NAVY MC CAIN TOWER ★	GND CON	CLNC DEL	ASR/PAR
273.2	120.95 276.4	126.2 340.2	336.4	301.0	

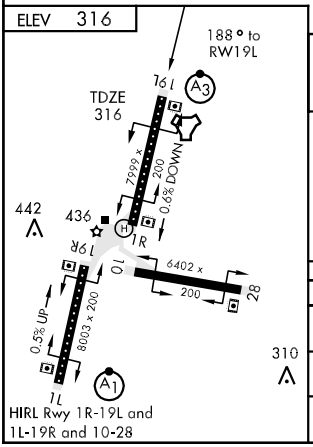


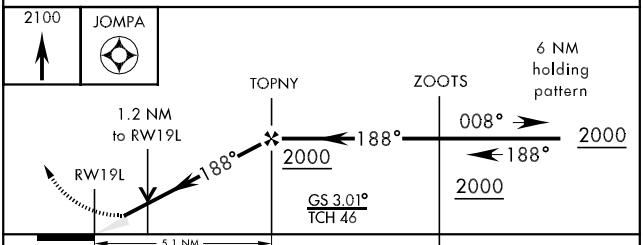


For uncompensated BaroVNAV systems, LNAV/VNAV NA below -15° C (4° F) or above 41°C (107°F).

DME/DME RNP -0.3 NA.

EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D	E
LNAV MDA *	760-½ 444 (500-½)		760-¾ 444 (500-¾)	760-1 444 (500-1)	
LNAV/VNAV DA**	820-1¼ 504 (600-1¼)				
CIRCLING	820-1 504 (600-1)		820-1½ 504 (600-1½)	880-2 564 (600-2)	1060-2¾ 744 (800-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-HEZ	APP CRS	Rwy Idg	6500
111.35	133°	TDZE	266
		Apt Elev	272

NATCHEZ/
HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

ILS or LOC RWY 13

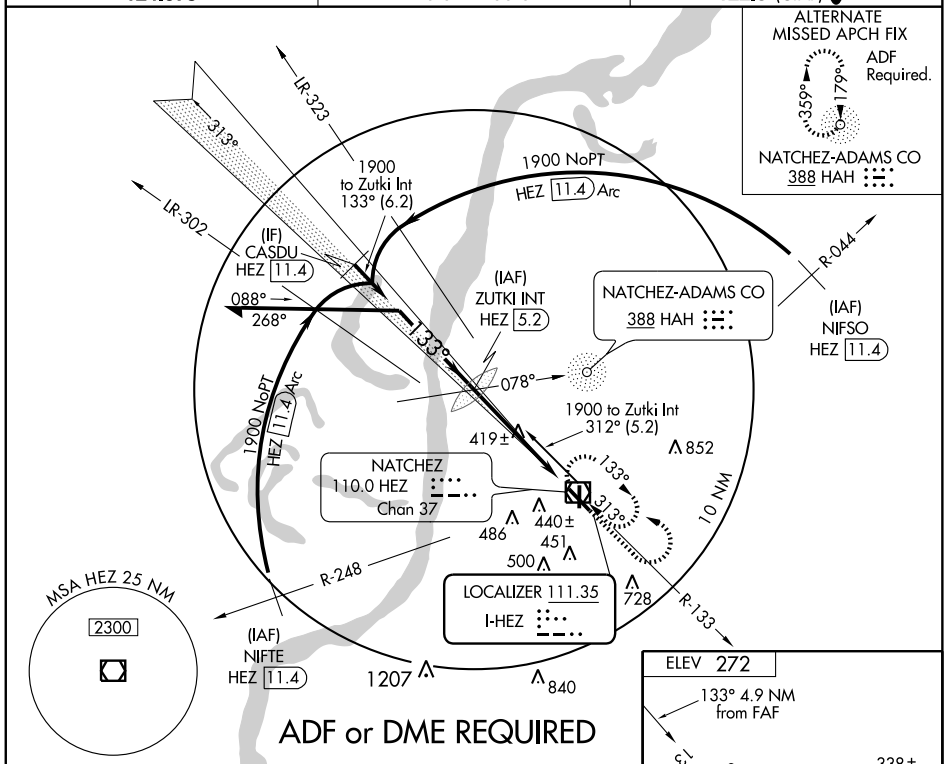
When local altimeter setting not received, use Vicksburg Tallulah Rgnl altimeter setting: increase all DAs to 599 feet and all visibilities to 1¼ miles; increase all MDAs 140 feet and S-LOC 13 Cat C visibility to 1½ miles, Cat D to 2 miles and circling Cat C visibility to 1¾ miles, Cat D to 2¼ miles. Inoperative table does not apply when using Vicksburg Tallulah Rgnl altimeter setting.

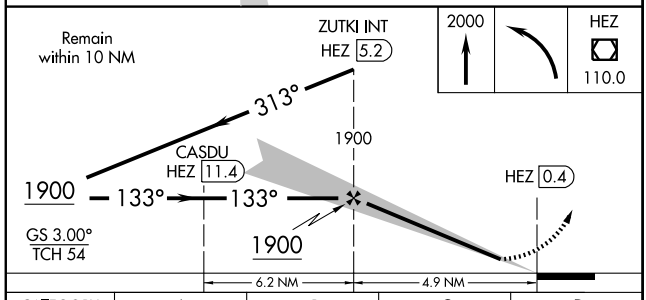
NA

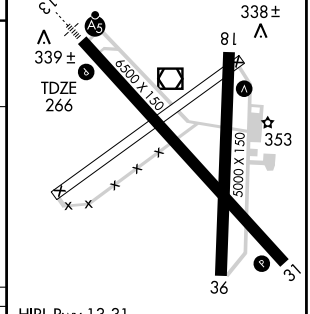
MALSR

MISSED APPROACH: Climb to 2000 then left turn direct HEZ VOR/DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 13	466-½	200 (200-½)		
S-LOC 13	680-½ 414 (500-½)		680-¾ 414 (500-¾)	
CIRCLING	740-1 468 (500-1)		780-1½ 508 (600-1½)	840-2 568 (600-2)

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6500
CH 50505	133°	TDZE	266
W13A		Apt Elev	272

RNAV (GPS) RWY 13

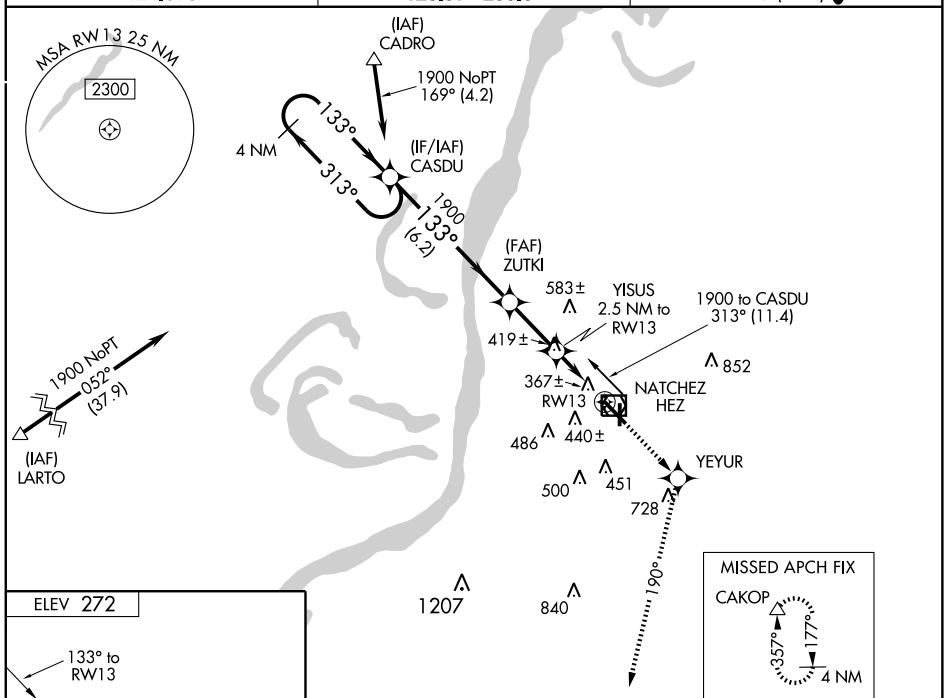
NATCHEZ/
HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

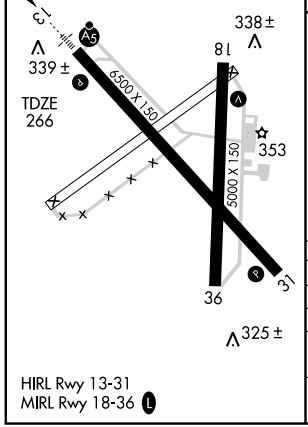
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. BARO VNAV and VDP NA when using Vicksburg Tallulah Rgnl altimeter setting. When local altimeter setting not received, use Vicksburg Rgnl altimeter setting: increase all LPV DAs to 655 and all visibilities to 1¼ miles; all LNAV/VNAVs DA to 785 and all visibilities to 1¾ miles; all MDAs 140 feet and LNAV Cat C visibility to 1½ miles, Cat D to 2 miles and circling Cat C visibility to 1¾ miles, Cat D to 2¼ miles. Inoperative table does not apply when using Vicksburg Tallulah Rgnl altimeter setting. For inoperative MALSR, increase LNAV Cat D visibility ¼ mile.

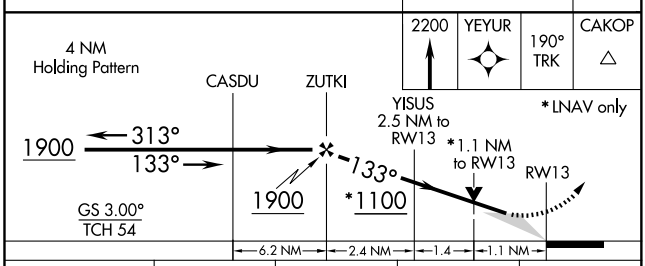
MALSR

MISSED APPROACH: Climb to 2200 direct YEYUR and via 190° track to CAKOP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		522-½	256 (300-½)	
LNAV/VNAV DA		652-¾	386 (400-¾)	
LNAV MDA	680-½ 414 (500-½)		680-¾ 414 (500-¾)	680-1 414 (500-1)
CIRCLING	740-1 468 (500-1)		780-1½ 508 (600-1½)	840-2 568 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
178°	TDZE	272
	Apt Elev	272

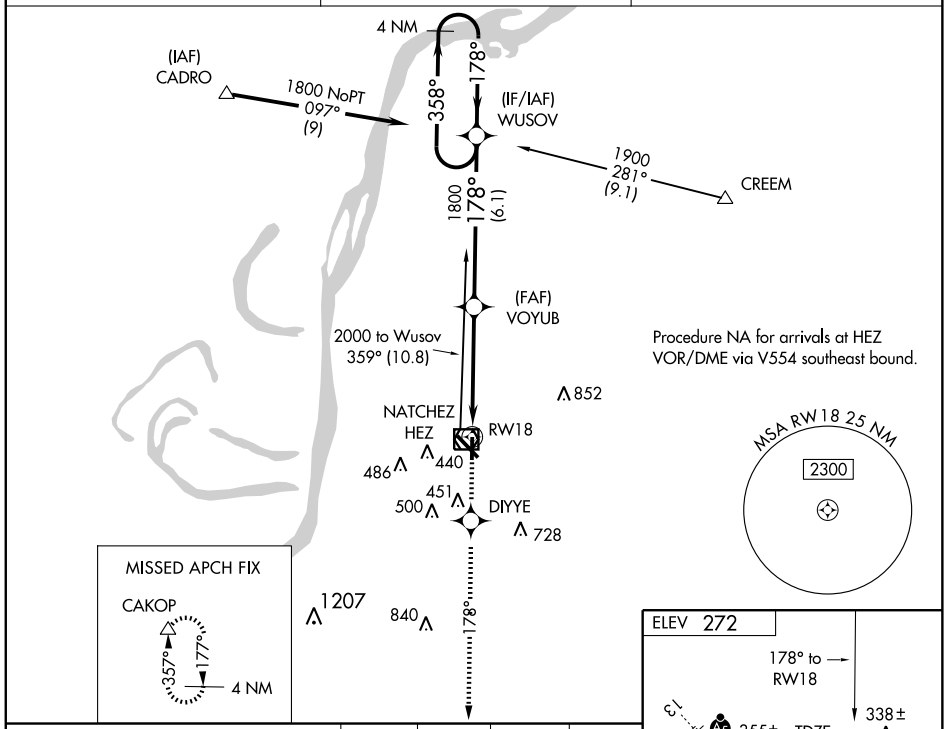
RNAV (GPS) RWY 18

NATCHEZ/ HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

When local altimeter setting not received, use Vicksburg Tallulah Rgnl altimeter setting and increase all MDAs 140 feet, and increase visibility Cats C and D ¼ mile. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2200 direct DIYYE and via 178° track to CAKOP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	620-1 348 (400-1)			620-1¼ 348 (400-1¼)
CIRCLING	740-1 468 (500-1)		780-1½ 508 (600-1½)	840-2 568 (600-2)

HIRL Rwy 13-31
MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy ldg	6500
313°	TDZE	272
	Apt Elev	272

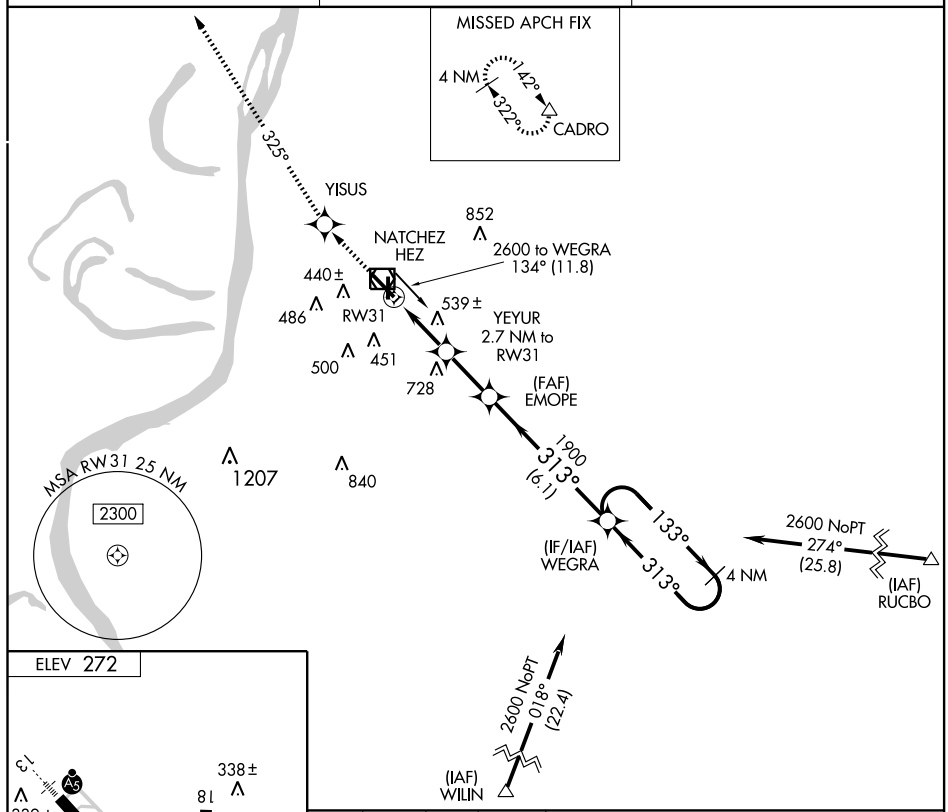
RNAV (GPS) RWY 31

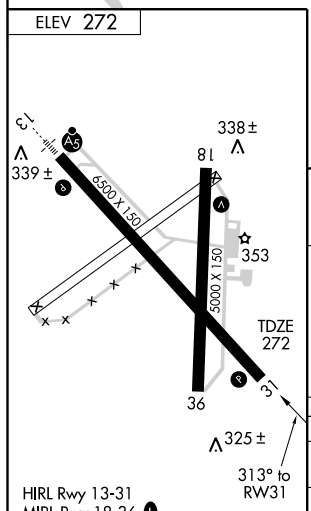
NATCHEZ/ HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

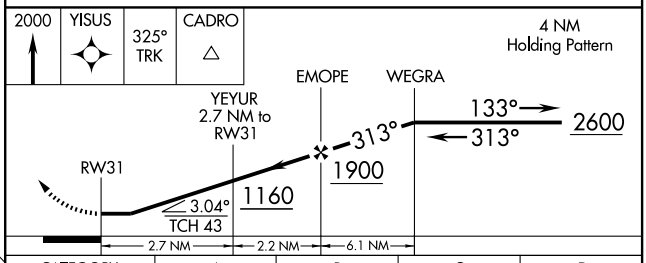
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When VGSI inoperative, straight-in minimums NA at night. When local altimeter setting not received, use Vicksburg Tallulah Rgnl altimeter setting and increase all MDAs 140 feet and visibility Cats C and D ¼ mile.

MISSED APPROACH: Climb to 2000 direct YISUS and via 325° track to CADRO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	800-1 528 (600-1)		800-1½ 528 (600-1½)	800-1¾ 528 (600-1¾)
CIRCLING	800-1 528 (600-1)		800-1½ 528 (600-1½)	840-2 568 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
005°	TDZE	272
	Apt Elev	272

RNAV (GPS) RWY 36

NATCHEZ/ HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

When local altimeter setting not received, use Vicksburg Tallulah Rgnl altimeter setting and increase all MDAs 140 feet, and visibility Cat C ¼ mile and Cat D ½ mile. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Straight-in minimums NA at night.

MISSED APPROACH: Climb to 2000 direct AYINU and via 316° track to CADRO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF)

MISSED APCH FIX

4 NM 142° 322° CADRO

316° (6.1) AYINU 852

NATCHEZ HEZ 440 486

1900 to Cakop 177° (12) (MAP) AYEYI 451 500 728 466

500

519± (FAF) BOKPE 840 1207

1900 353° (6.4)

(IF/IAF) CAKOP

177° 357° 4 NM

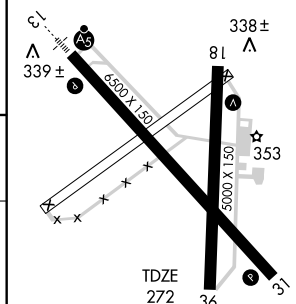
1900 NoPT 309° (11.4) (IAF) SETTA

1900 NoPT 069° (27.4) (IAF) JOHON

1900 NoPT 357° (17.6) (IAF) WILIN

MSA AYEYI 25 NM 2300

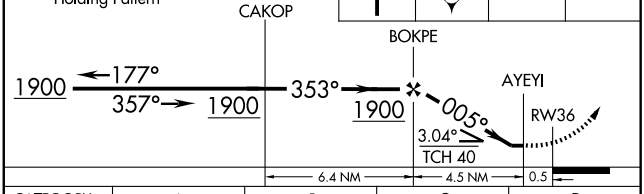
ELEV 272



005° 4.5 NM to AYEYI

HIRL Rwy 13-31
MIRL Rwy 18-36 (L)

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV MDA	780-1 508 (600-1)		780-1½ 508 (600-1½)	
CIRCLING	780-1 508 (600-1)		780-1½ 508 (600-1½)	840-2 568 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NATCHEZ, MISSISSIPPI

VOR/DME HEZ	APP CRS	Rwy Idg	6500
110.0	124°	TDZE	266
Chan 37		Apt Elev	272

AL-967 (FAA)
NATCHEZ/
HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

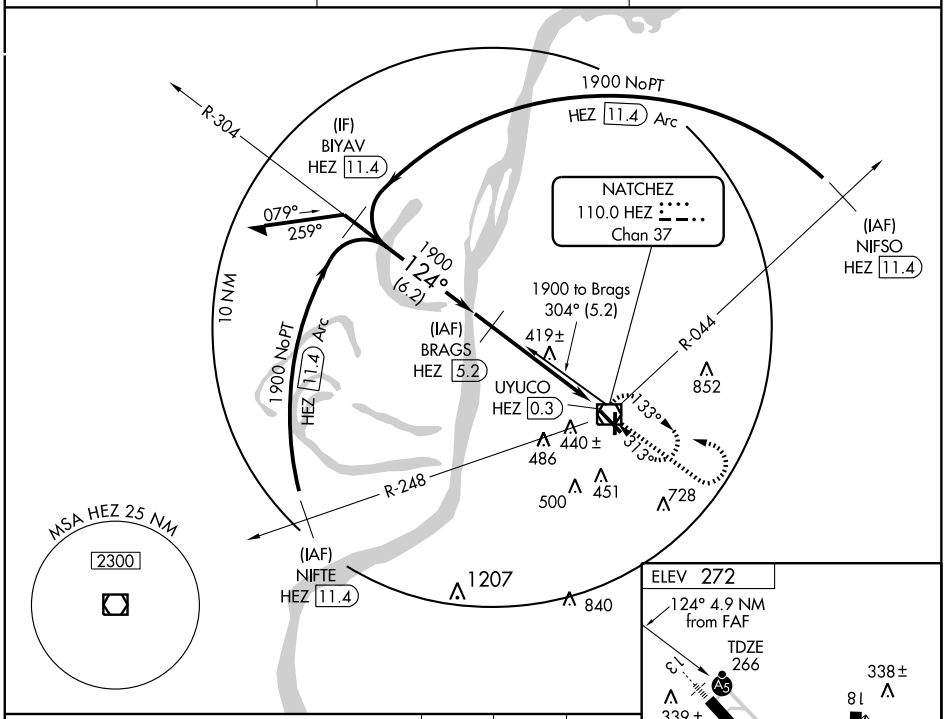
VOR/DME RWY 13

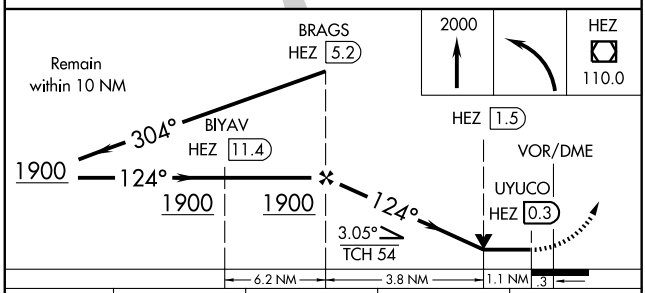
If local altimeter setting not received, use Vicksburg Tallulah Rgnl altimeter setting and increase all MDAs 140 feet, and increase S-13 Cats A and B visibility to 1 mile, Cat C to 1½ miles, Cat D to 1¾ miles, and circling Cat C visibility to 1¾ miles, Cat D to 2¼ miles. Visibility reduction by helicopters NA. VDP NA when using Vicksburg Tallulah Rgnl altimeter setting. Inoperative table does not apply when using Vicksburg Tallulah Rgnl altimeter setting. For inoperative MALSR, increase S-13 Cats A and B visibility to 1 mile.

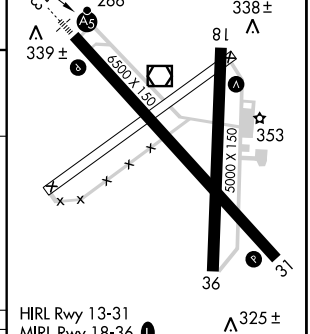
MALSR

MISSED APPROACH: Climb to 2000 then left turn direct HEZ VOR/DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF)







CATEGORY	A	B	C	D
S-13	680-¾ 414 (500-¾)			
CIRCLING	740-1 468 (500-1)		780-1½ 508 (600-1½)	840-2 568 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

NATCHEZ, MISSISSIPPI

AL-967 (FAA)

VOR/DME HEZ	APP CRS	Rwy Idg	5000
110.0	197°	TDZE	272
Chan 37		Apt Elev	272

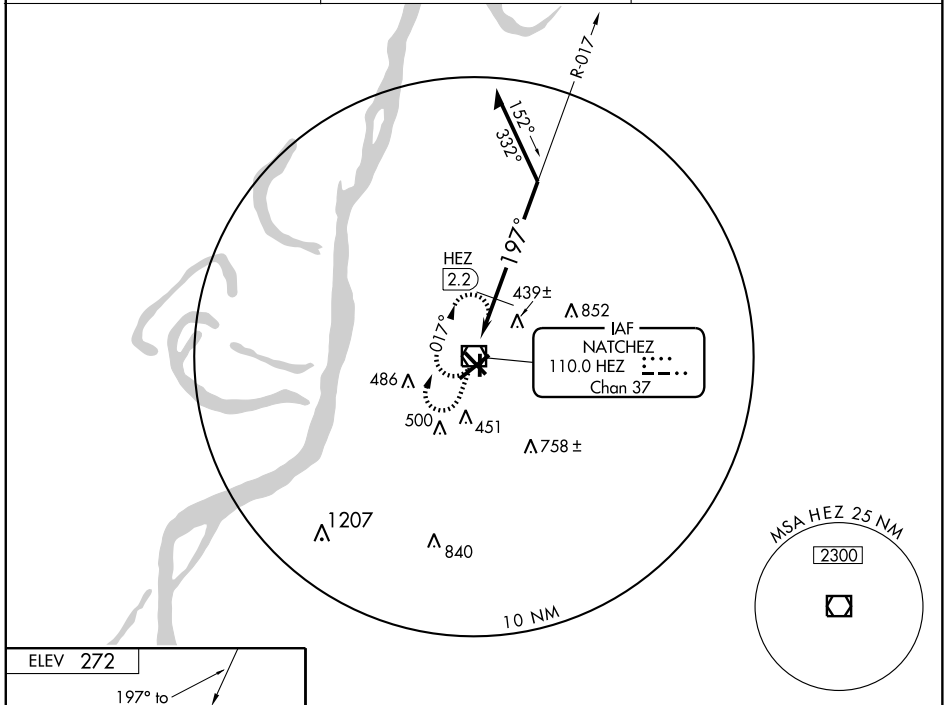
VOR RWY 18

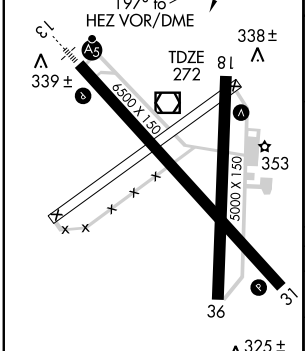
NATCHEZ/
HARDY-ANDERS FIELD NATCHEZ-ADAMS COUNTY (HEZ)

NA Inoperative table does not apply.

MISSED APPROACH: Climb to 1000 then climbing right turn to 1900 in HEZ VOR/DME holding pattern.

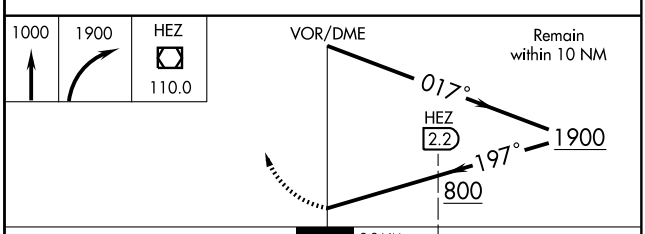
AWOS-3	HOUSTON CENTER	UNICOM
124.675	120.97 299.6	122.8 (CTAF) L





HIRL Rwy 13-31
MIRL Rwy 18-36 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-18	800-1 528 (600-1)		800-1½ 528 (600-1½)	800-1¾ 528 (600-1¾)
CIRCLING	800-1 528 (600-1)		800-1½ 528 (600-1½)	840-2 568 (600-2)
DME MINIMUMS				
S-18	700-1 428 (500-1)		700-1¼ 428 (500-1¼)	700-1½ 428 (500-1½)
CIRCLING	720-1 448 (500-1)	740-1 468 (500-1)	780-1½ 508 (600-1½)	840-2 568 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NEW ALBANY, MISSISSIPPI AL-10266 (FAA)

APP CRS	Rwy Idg	3903
177°	TDZE	413
	Apt Elev	413

RNAV (GPS) RWY 18

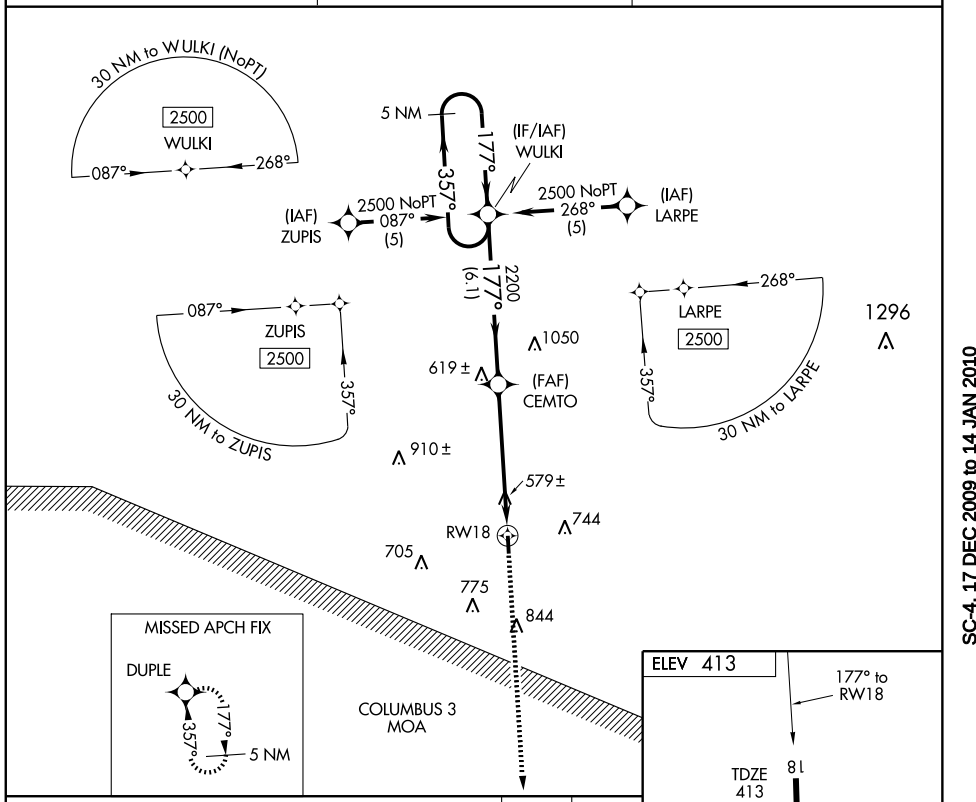
NEW ALBANY-UNION CO (M72)

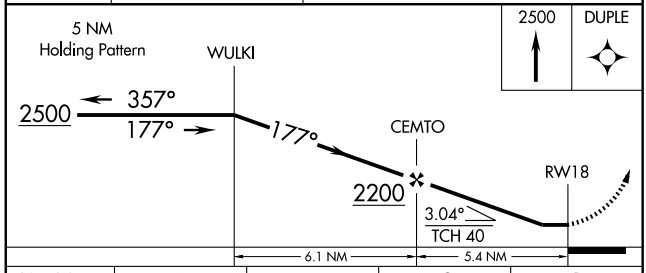
T
NA

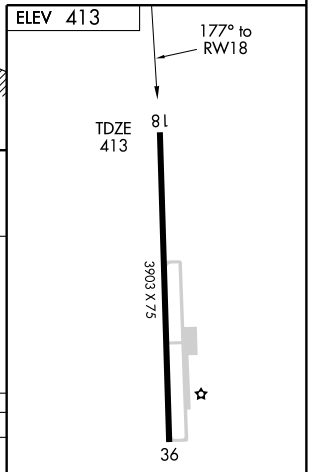
Use Tupelo altimeter setting, if not received, use Oxford altimeter setting and increase all MDAs 20 feet. Procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2500 direct DUPLE and hold.

TUPELO ASOS	MEMPHIS CENTER	UNICOM
133.525	135.9 273.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	900-1	487 (500-1)	900-1¼ 487 (500-1¼)	NA
CIRCLING	940-1	527 (600-1)	940-1½ 527 (600-1½)	NA

MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

NEW ALBANY, MISSISSIPPI

AL-10266 (FAA)

APP CRS	Rwy Idg	3903
357°	TDZE	413
	Apt Elev	413

RNAV (GPS) RWY 36

NEW ALBANY-UNION CO (M72)

T
NA

Use Tupelo altimeter setting, if not received, use Oxford altimeter setting and increase all MDAs 20 feet. Procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2500 direct WULKI and hold.

TUPELO ASOS	MEMPHIS CENTER	UNICOM
133.525	135.9 273.55	122.8 (CTAF) L

MISSED APCH FIX

5 NM 177° 357° WULKI

910±

744

705 RW36

775

844

1099

COLUMBUS 3 MOA

30 NM to SIMPE

177°

2500

SIMPE

268°

30 NM to LUVIC

2800

20 NM to LUVIC

177°

2500

LUVIC

087°

(FAF)

CAMIK

2000

357° (6.1)

1459

2500 NoPT

087° (5)

(IAF)

LUVIC

2500 NoPT

268° (5)

(IAF)

SIMPE

(IF/IAF)

DUPLE

177°

357°

5 NM

COLUMBUS 1 MOA

087°

268°

DUPLE

2500

30 NM to DUPLE (NoPT)

ELEV 413

18

3903 X 75

TDZE 413

36

357° to RW36

MIRL Rwy 18-36 L

2500

WULKI

5 NM Holding Pattern

DUPLE

177° → 2500

CAMIK

357°

← 357°

RW36

2000

3.04°

TCH 40

4.8 NM

6.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1220-1 807 (900-1)	1220-1¼ 807 (900-1¼)	1220-2¼ 807 (900-2¼)	NA
CIRCLING	1220-1 807 (900-1)	1220-1¼ 807 (900-1¼)	1220-2¼ 807 (900-2¼)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 18

OKOLONA MUNI-RICHARD STOVALL FIELD (5A4)

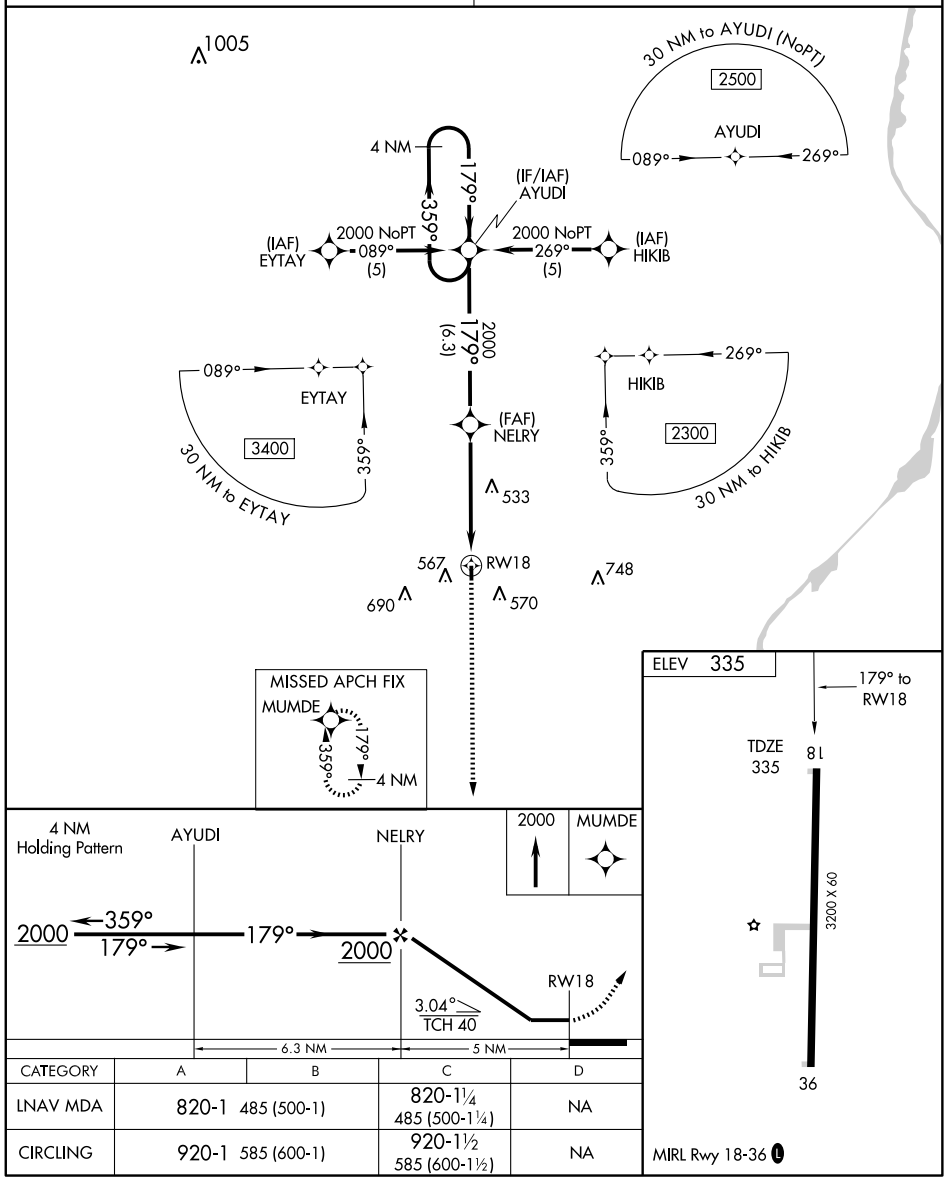
APP CRS	Rwy Idg	3200
179°	TDZE	335
	Apt Elev	335

DME/DME RNP -0.3 NA. Visibility reduction by helicopters NA. Use Tupelo altimeter setting; when not received, use Columbus Air Force Base altimeter setting and increase all MDA 40 feet and all Cat C visibility ¼ mile.

NA

MISSED APPROACH: Climb to 2000 direct MUMDE and hold.

COLUMBUS APP CON *	CTAF
126.075 229.15	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	820-1 485 (500-1)		820-1¼ 485 (500-1¼)	NA
CIRCLING	920-1 585 (600-1)		920-1½ 585 (600-1½)	NA

MIRL Rwy 18-36 L

SC-4, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 36

OKOLONA MUNI-RICHARD STOVALL FIELD (5A4)

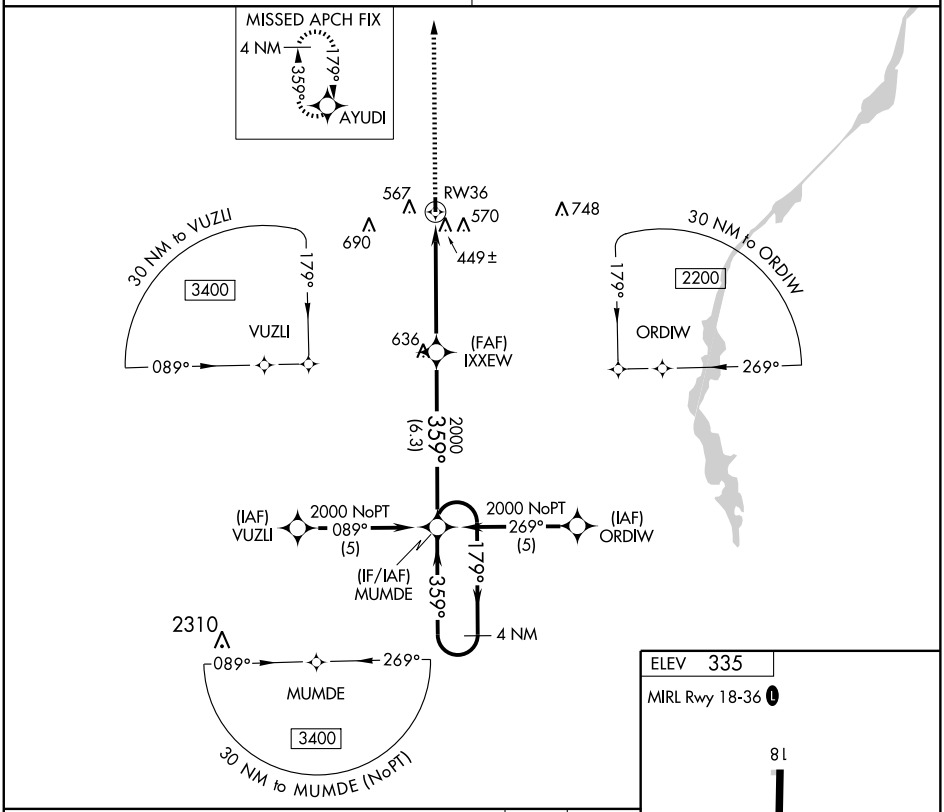
APP CRS	Rwy Idg	3200
359°	TDZE	335
	Apt Elev	335

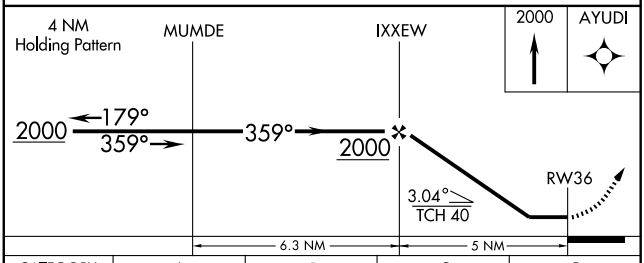
DME/DME RNP -0.3 NA. Visibility reduction by helicopters NA.
Use Tupelo altimeter setting; when not received, use Columbus Air Force Base altimeter setting and increase all MDA 40 feet and Circling Cat C visibility ¼ mile.

NA

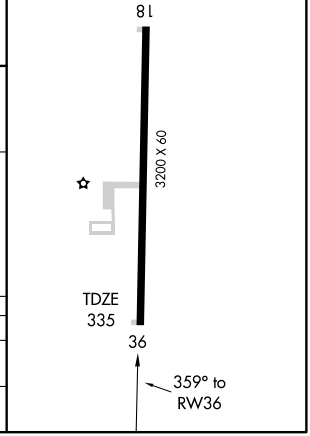
MISSED APPROACH: Climb to 2000 direct AYUDI and hold.

COLUMBUS APP CON *	CTAF
126.075 229.15	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	860-1	525 (600-1)	860-1½ 525 (600-1½)	NA
CIRCLING	920-1	585 (600-1)	920-1½ 585 (600-1½)	NA



LOC/DME I-OLV	APP CRS	Rwy Idg	6000
109.3	179°	TDZE	402
Chan 30		Apt Elev	402

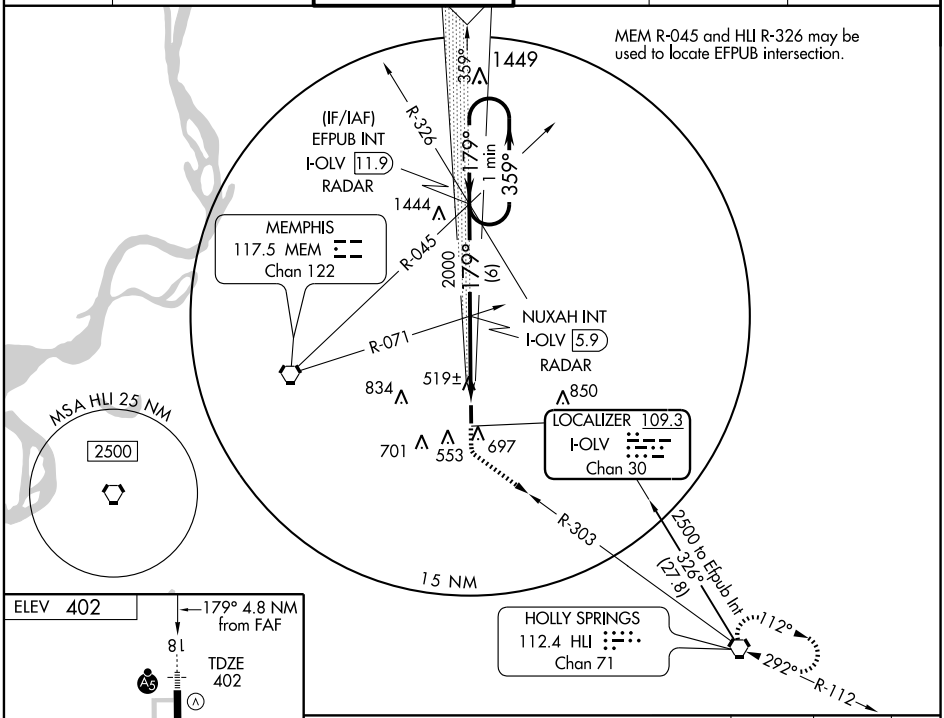
ILS or LOC RWY 18
OLIVE BRANCH (OLV)

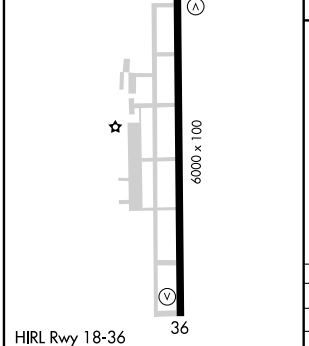
When local altimeter setting not received, use Memphis Intl altimeter setting and increase all DAs/MDAs 40 feet, and circling Cats C and D visibility ¼ mile. For inoperative MALSR, increase S-LOC 18 Cats A, B, C visibility to 1 mile. When using Memphis Intl altimeter setting; for inoperative MALSR, increase S-ILS 18, all Cats and S-LOC 18 Cats A and B visibility ¼ mile. Inoperative table does not apply to S-ILS 18. Visibility reduction by helicopters NA.

MALSR

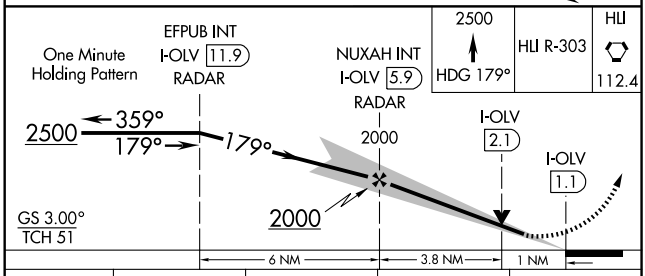
MISSED APPROACH: Climb to 2500 via heading 179° and HLI R-303 to HLI VORTAC and hold.

ATIS	MEMPHIS APP CON	OLIVE BRANCH TOWER	GND CON	CLNC DEL	UNICOM
119.925	121.0 125.8 338.3	125.275 (CTAF) L	121.2	121.2	122.7





FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-ILS 18	652-¾ 250 (300-¾)			
S-LOC 18	780-¾ 378 (400-¾)			
CIRCLING	1060-1 658 (700-1)		1060-1¾ 658 (700-1¾)	1060-2 658 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61199 W18A	APP CRS 179°	Rwy Idg 6000 TDZE 402 Apt Elev 402

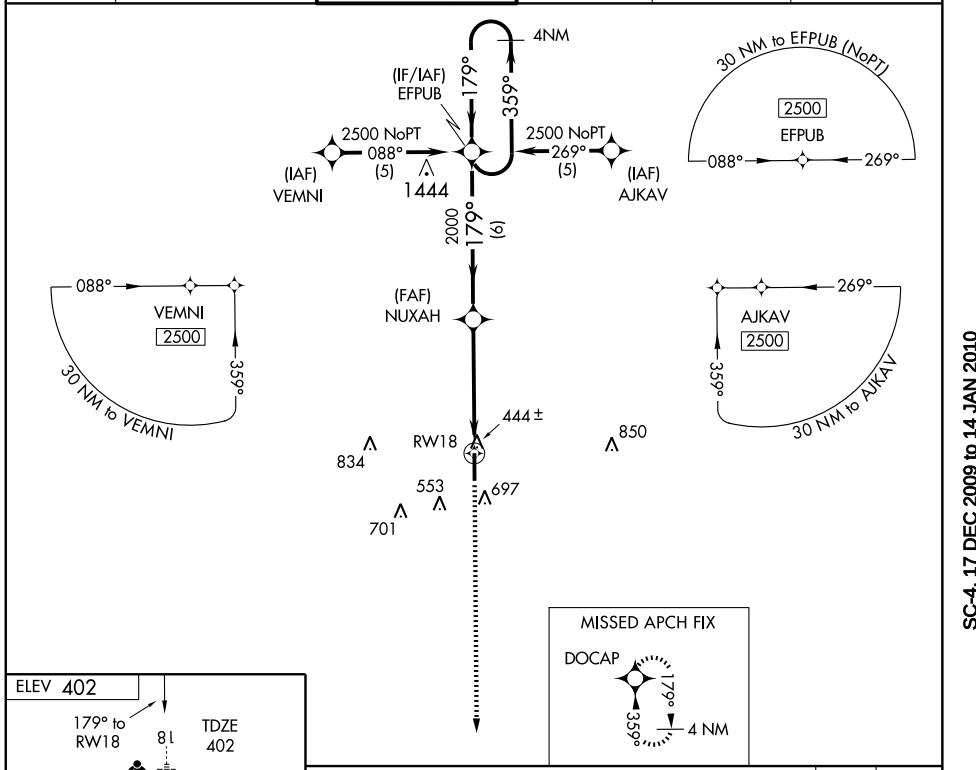
RNAV (GPS) RWY 18
OLIVE BRANCH (OLV)

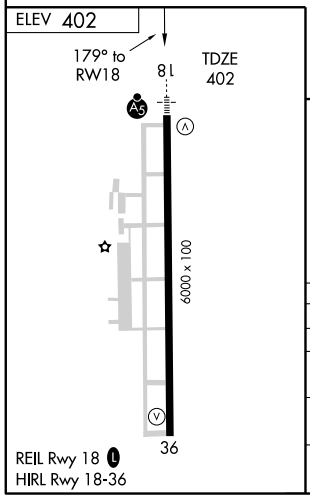
If local altimeter setting not received, use Memphis Intl altimeter setting and increase all DAs/MDAs 40 feet. BARO-VNAV and VDP NA when using Memphis Intl altimeter setting. BARO-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA.

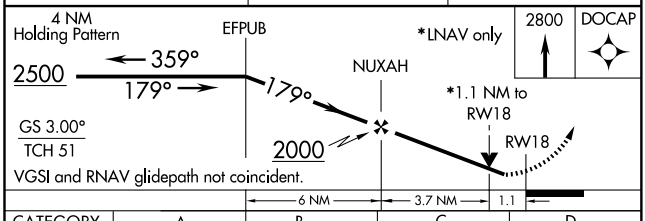
MALSR

MISSED APPROACH: Climb to 2800 direct DOCAP and hold.

ATIS	MEMPHIS APP CON	OLIVE BRANCH TOWER	GND CON	CLNC DEL	UNICOM
119.925	121.0 125.8 338.3	125.275 (CTAF) L	121.2	121.2	122.7







CATEGORY	A	B	C	D
LPV DA	652-¾ 250 (300-¾)			
LNAV/VNAV DA	702-1 300 (300-1)			
LNAV MDA	780-1 378 (400-1)			780-1¼ 378 (400-1¼)
CIRCLING	1060-1 658 (700-1)		1060-1¾ 658 (700-1¾)	1060-2 658 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

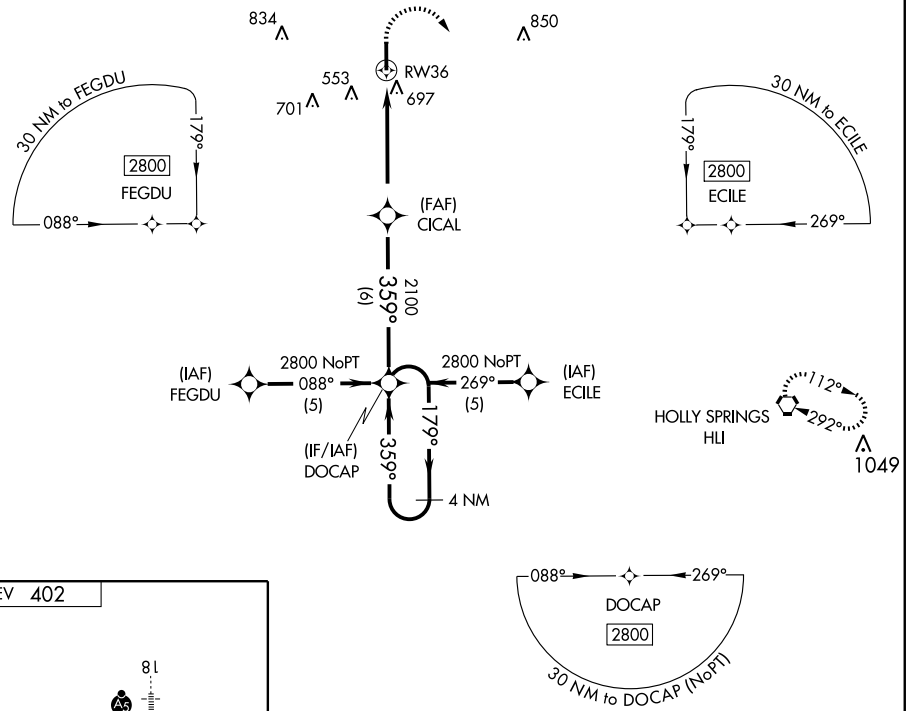
APP CRS	Rwy Idg	6000
359°	TDZE	401
	Apt Elev	402

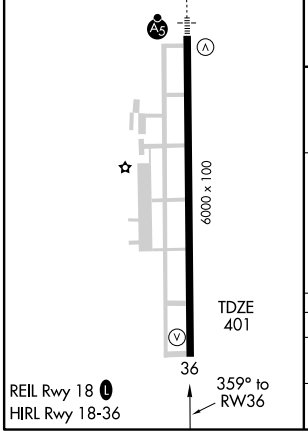
RNAV (GPS) RWY 36
OLIVE BRANCH (OLV)

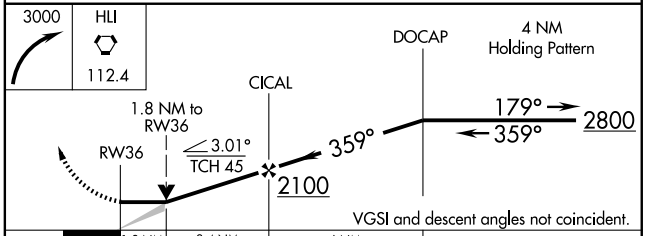
If local altimeter setting not received, use Memphis Intl altimeter setting and increase all MDAs 40 feet.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
VDP NA with Memphis Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 direct HLI VORTAC and hold.

ATIS	MEMPHIS APP CON	OLIVE BRANCH TOWER	GND CON	CLNC DEL	UNICOM
119.925	121.0 125.8 338.3	125.275 (CTAF) L	121.2	121.2	122.7







CATEGORY	A	B	C	D
LNAV MDA	1000-1	599 (600-1)	1000-1½ 599 (600-1½)	1000-1¾ 599 (600-1¾)
CIRCLING	1060-1	658 (700-1)	1060-1¾ 658 (700-1¾)	1060-2 658 (700-2)

LOC I-UVD	APP CRS	Rwy Idg	5600
111.7	090°	TDZE	418
		Apt Elev	452

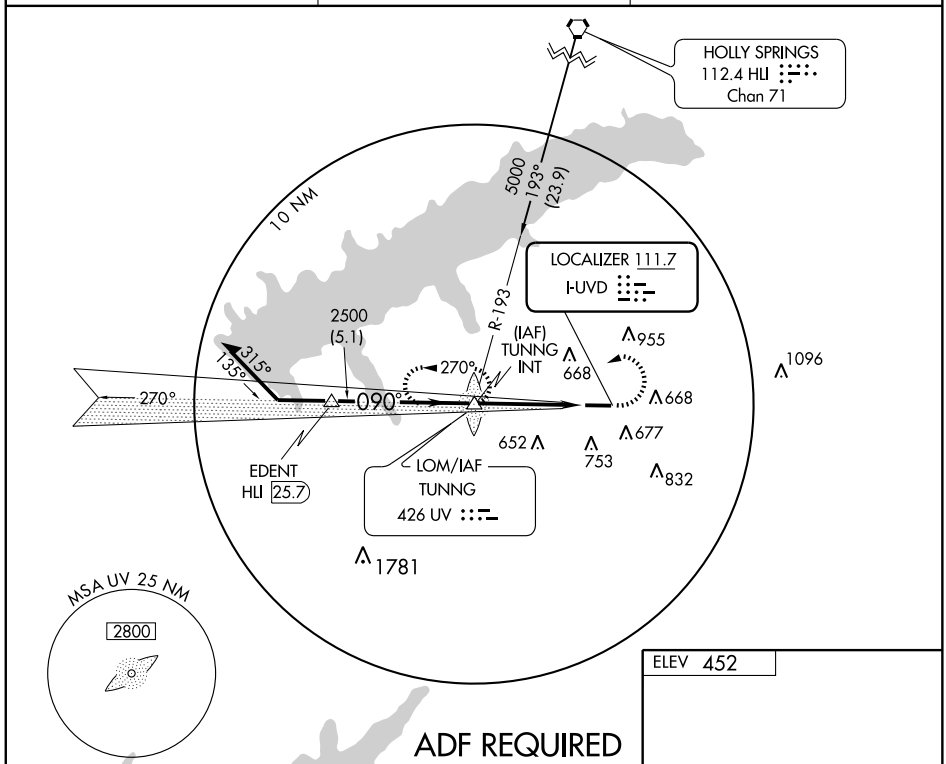
LOC RWY 9

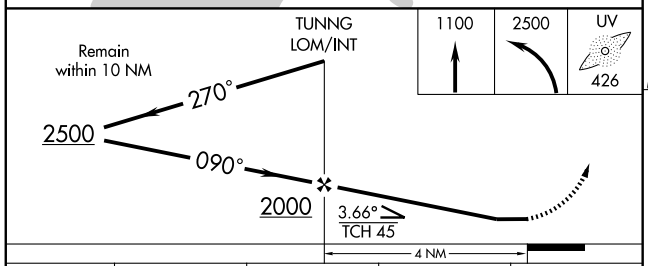
OXFORD/ UNIVERSITY-OXFORD (UOX)

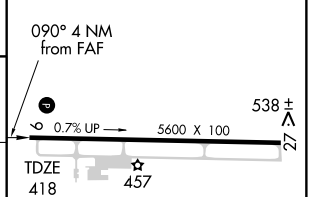
Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 1100 then climbing left turn to 2500 direct TUNNG LOM/Int and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
132.725	128.5 381.4	123.0 (CTAF) L







MIRL Rwy 9-27 L
REIL Rwy 27

CATEGORY	A	B	C	D
S-9	840-1 422 (400-1)		840-1¼ 422 (400-1¼)	
CIRCLING	980-1 528 (600-1)		1060-1¾ 608 (700-1¾)	1060-2 608 (700-2)

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5600
CH 77800	090°	TDZE	418
W09A		Apt Elev	452

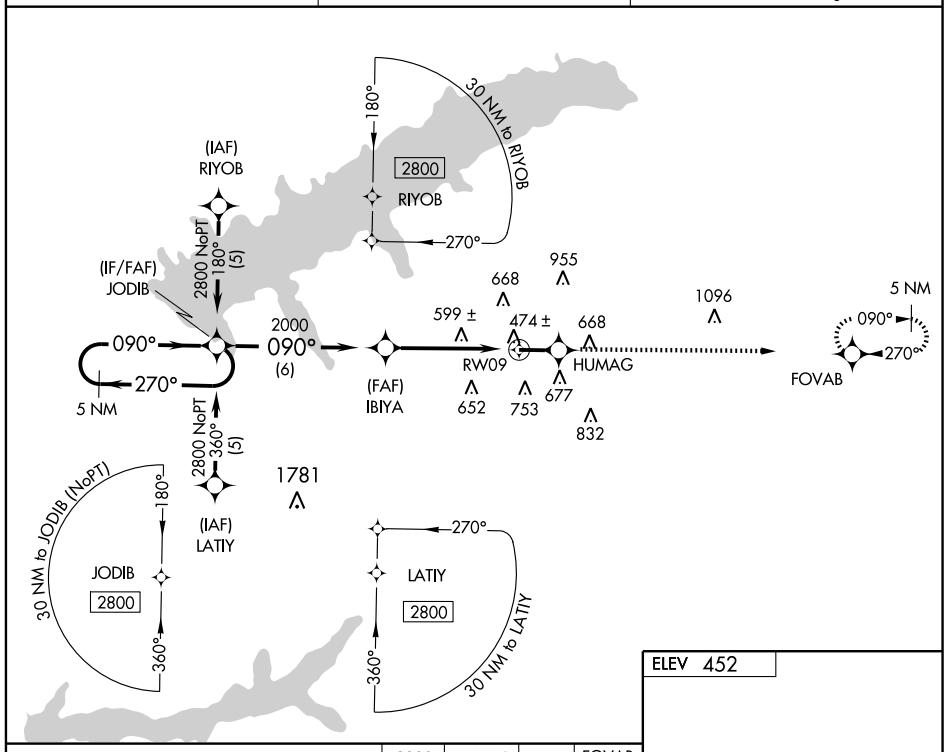
RNAV (GPS) RWY 9

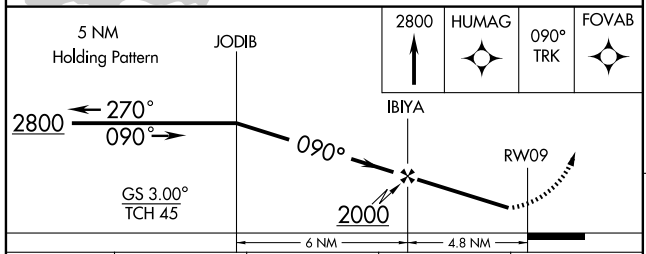
OXFORD/ UNIVERSITY-OXFORD (UOX)

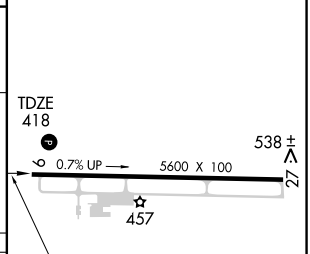
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Olive Branch altimeter setting and increase all DAs/MDAs 100 feet. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2800 direct HUMAG and via 090° track to FOVAB and hold, continue climb-in-hold to 2800.

AWOS-3	MEMPHIS CENTER	UNICOM
132.725	128.5 381.4	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	668-1 250 (300-1)			
LNAV/ VNAV DA	876-1¾ 458 (500-1¾)			
LNAV MDA	920-1 502 (500-1)		920-1½ 502 (500-1½)	
CIRCLING	980-1 528 (600-1)		1060-1¾ 608 (700-1¾)	1060-2 608 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 27

OXFORD/ UNIVERSITY-OXFORD (UOX)

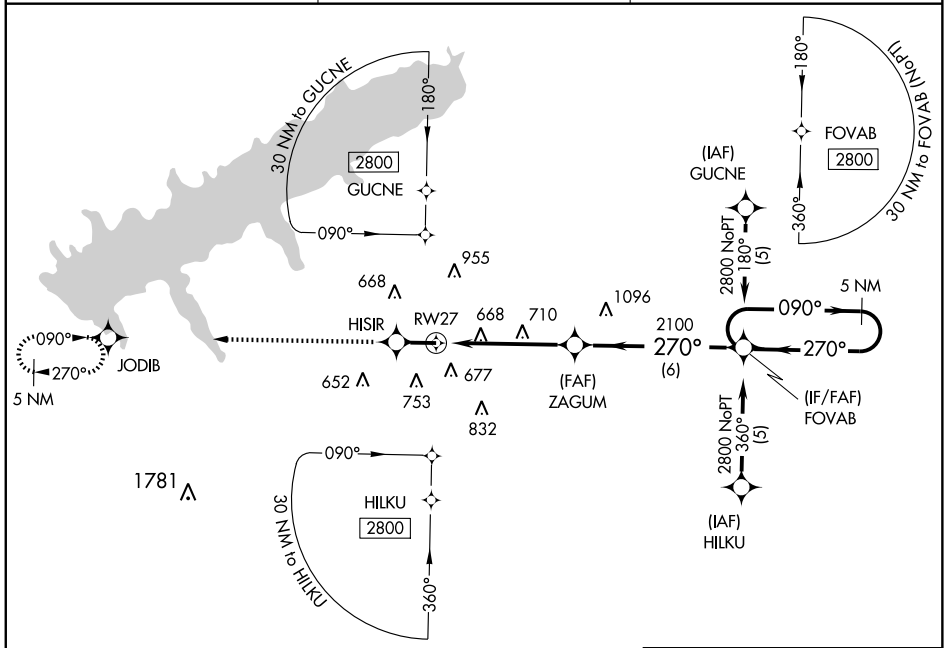
APP CRS	Rwy Idg	5600
270°	TDZE	452
	Apt Elev	452

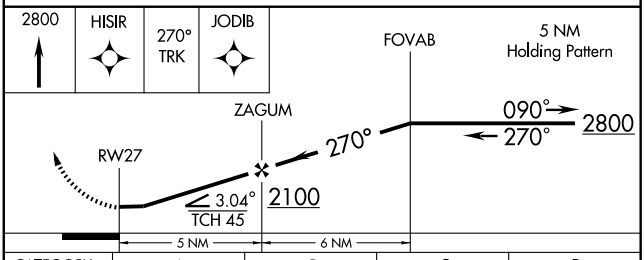
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Olive Branch altimeter setting and increase all MDAs 100 feet.

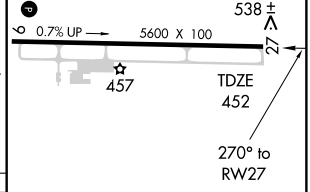
NA

MISSED APPROACH: Climb to 2800 direct HISIR and via 270° track to JODIB and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
132.725	128.5 381.4	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	960-1 508 (600-1)		960-1½ 508 (600-1½)	
CIRCLING	980-1 528 (600-1)		1060-1¾ 608 (700-1¾)	1060-2 608 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC HLI 112.4 Chan 71	APP CRS 182°	Rwy Idg N/A TDZE N/A Apt Elev 452

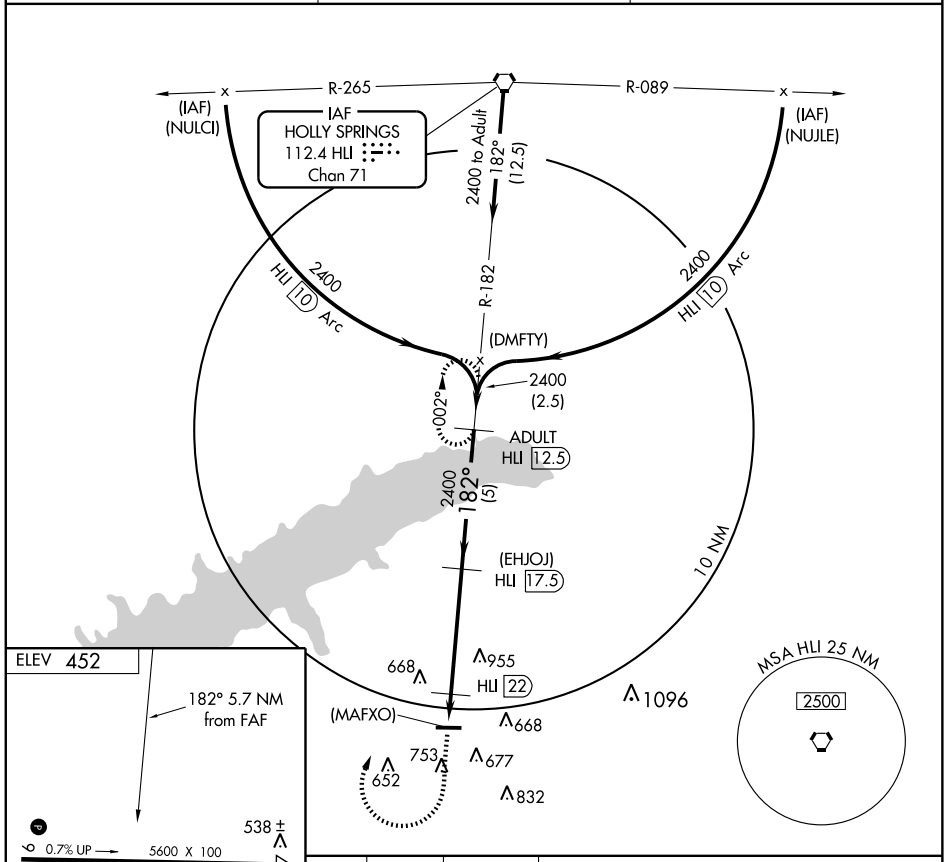
VOR/DME or GPS-A

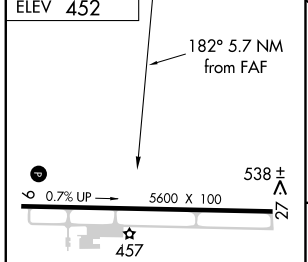
OXFORD/ UNIVERSITY-OXFORD (UOX)

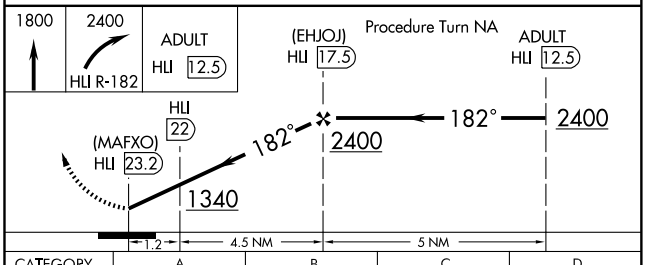
NA

MISSED APPROACH: Climb to 1800 then climbing right turn to 2400 via HLI R-182 to ADULT 12.5 DME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
132.725	128.5 381.4	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1240-1 788 (800-1)	1240-1¼ 788 (800-1¼)	1240-2¼ 788 (800-2¼)	1240-2½ 788 (800-2½)

MIRL Rwy 9-27 L
REIL Rwy 27

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC I-PQL	APP CRS	Rwy Idg	6500
110.1	165°	TDZE	17
		Apt Elev	17

ILS or LOC RWY 17

PASCAGOULA/TRENT LOTT INTL (PQL)

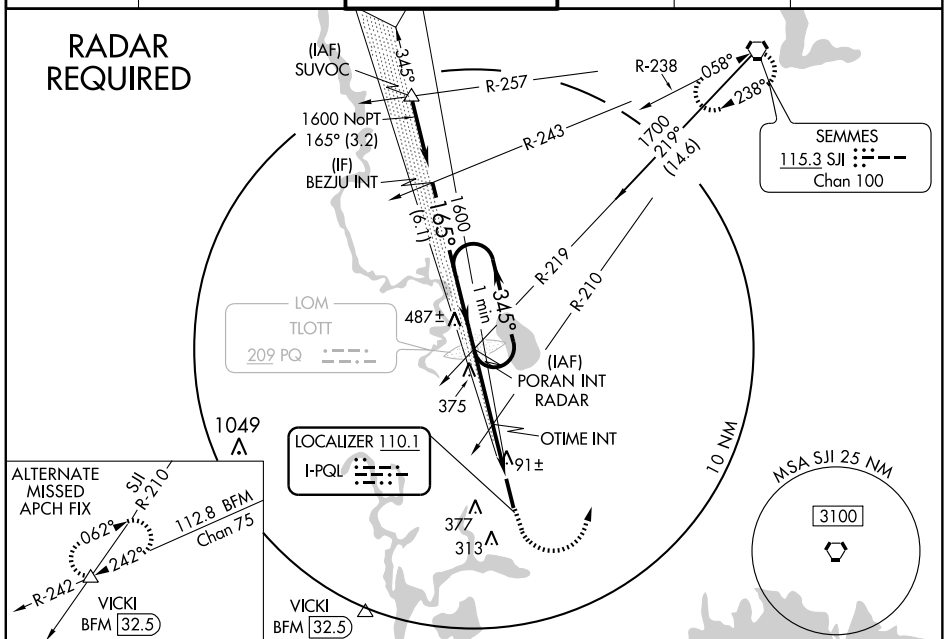
If local altimeter setting not received, use Mobile Rgnl, AL altimeter setting and increase DA to 292 and all MDAs 80 feet.

MALSR

MISSED APPROACH: Climb to 900 then climbing left turn to 2000 direct SJI VORTAC and hold.

ATIS	MOBILE APP CON *	TRENT LOTT TOWER *	GND CON	CLNC DEL	UNICOM
135.175	121.0 307.1	118.575 (CTAF) L	121.725	121.725	122.8

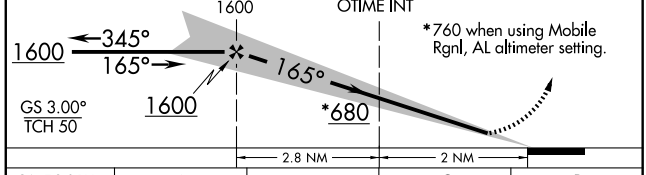
RADAR REQUIRED



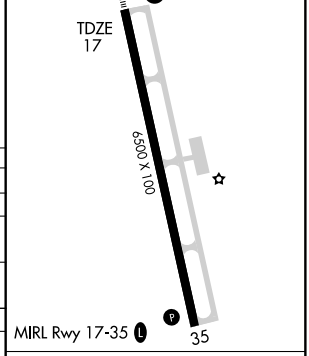
One Minute Holding Pattern

VGSI and ILS glidepath not coincident.

900	2000	SJI
		115.3



CATEGORY	A	B	C	D
S-ILS 17	217-½ 200 (200-½)			
S-LOC 17	680-½ 663 (700-½)		680-1¼ 663 (700-1¼)	680-1½ 663 (700-1½)
CIRCLING	680-1 663 (700-1)		680-1¾ 663 (700-1¾)	680-2 663 (700-2)
OTIME FIX MINIMUMS				
S-LOC 17	360-½ 343 (400-½)			360-¾ 343 (400-¾)
CIRCLING	480-1 463 (500-1)	680-1 663 (700-1)	680-1¾ 663 (700-1¾)	680-2 663 (700-2)



FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 58204 W17A	APP CRS 165°	Rwy Idg 6500 TDZE 17 Apt Elev 17

RNAV (GPS) RWY 17

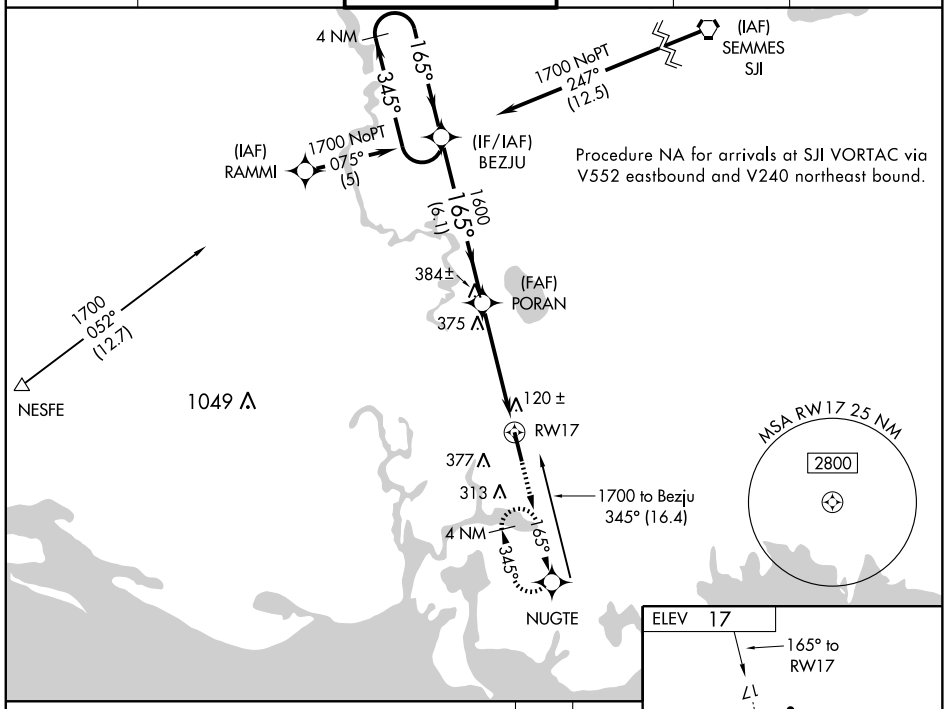
PASCAGOULA/TRENT LOTT INTL (PQL)

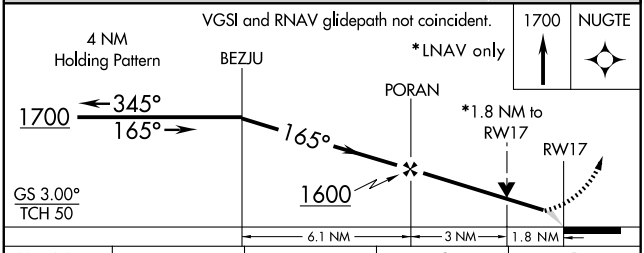
BARO-VNAV NA when using Mobile Rgnl, AL altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Mobile Rgnl, AL altimeter setting and increase LPV DA to 292, LNAV/VNAV DA to 511, and all MDAs 80 feet. VDP NA when using Mobile Rgnl, AL altimeter setting.

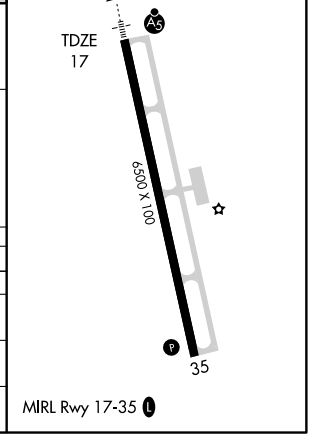
MALSR

MISSED APPROACH: Climb to 1700 direct NUGTE and hold.

ATIS	MOBILE APP CON ★	TRENT LOTT TOWER ★	GND CON	CLNC DEL	UNICOM
135.175	121.0 307.1	118.575 (CTAF) L	121.725	121.725	122.8







CATEGORY	A	B	C	D
LPV DA	217-½ 200 (200-½)			
LNAV/VNAV DA	436-1 419 (500-1)			
LNAV MDA	640-½ 623 (700-½)		640-1¼ 623 (700-1¼)	640-1½ 623 (700-1½)
CIRCLING	640-1 623 (700-1)	680-1 663 (700-1)	680-1¾ 663 (700-1¾)	680-2 663 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 72904 W35A	APP CRS 345°	Rwy Idg 6500 TDZE 17 Apt Elev 17

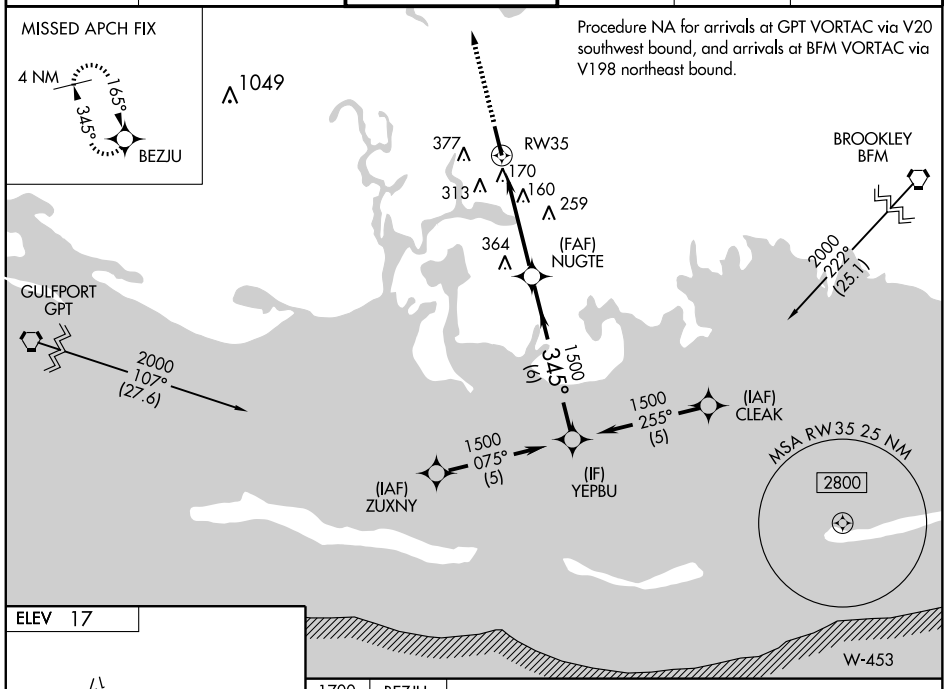
RNAV (GPS) RWY 35

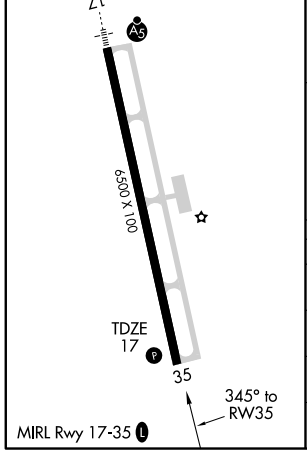
PASCAGOULA/TRENT LOTT INTL (PQL)

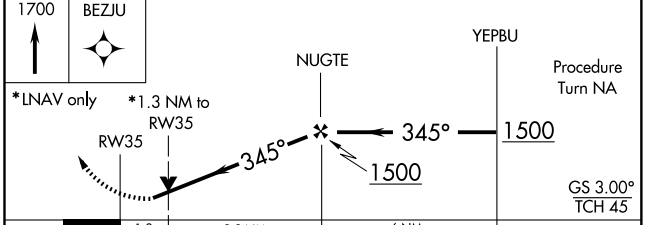
BARO-VNAV NA when using Mobile Rgnl, AL altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Mobile Rgnl, AL altimeter setting and increase LPV DA to 398, LNAV/VNAV DA to 673, and all MDAs 80 feet. VDP NA when using Mobile Rgnl altimeter setting.

MISSED APPROACH: Climb to 1700 direct BEZJU and hold.

ATIS	MOBILE APP CON ★	TRENT LOTT TOWER ★	GND CON	CLNC DEL	UNICOM
135.175	121.0 307.1	118.575 (CTAF) L	121.725	121.725	122.8







CATEGORY	A	B	C	D
LPV DA	323-1 306 (400-1)			
LNAV/ VNAV DA	598-2 581 (600-2)			
LNAV MDA	480-1 463 (500-1)		480-1¼ 463 (500-1¼)	480-1½ 463 (500-1½)
CIRCLING	480-1 463 (500-1)	680-1 663 (700-1)	680-1¾ 663 (700-1¾)	680-2 663 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC SJI	APP CRS	Rwy Idg	N/A
115.3	204°	TDZE	N/A
Chan 100		Apt Elev	17

VOR-A

PASCAGOULA/ TRENT LOTT INTL (PQL)

If local altimeter setting not received, use Mobile Rgnl, AL altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct SJI VORTAC and hold.

ATIS	MOBILE APP CON ★	TRENT LOTT TOWER ★	GND CON	CLNC DEL	UNICOM
135.175	121.0 307.1	118.575 (CTAF) L	121.725	121.725	122.8

Procedure NA for arrival on SJI VORTAC airway radials 219 CW 257.

IAF SEMMES 115.3 SJI Chan 100

058° 238° R-238 R-204 2000 204° (6)

(IF) PASCA INT SJI 6

R-271 112.8 BFM Chan 75

112.8 BFM Chan 75 R-256

1700 204° (6.2)

375 159± ALECA INT SJI 12.2

MSA SJI 25 NM 3100

1049

MAGIW SJI 17.4

377 313

10 NM

ELEV 17

204° 5.2 NM from FAF

6500 X 100

35

MIRL Rwy 17-35 L

1000 2000 SJI 115.3

PASCA INT SJI 6

ALECA INT SJI 12.2

MAGIW SJI 17.4

204° 2000 1700

Procedure Turn NA

0.5 5.2 NM 6.2 NM

CATEGORY	A	B	C	D
CIRCLING	700-1 683 (700-1)		700-2 683 (700-2)	700-2¼ 683 (700-2¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB MPE	APP CRS	Rwy Idg	5001
219	180°	TDZE	454
		Apt Elev	458

NDB RWY 18

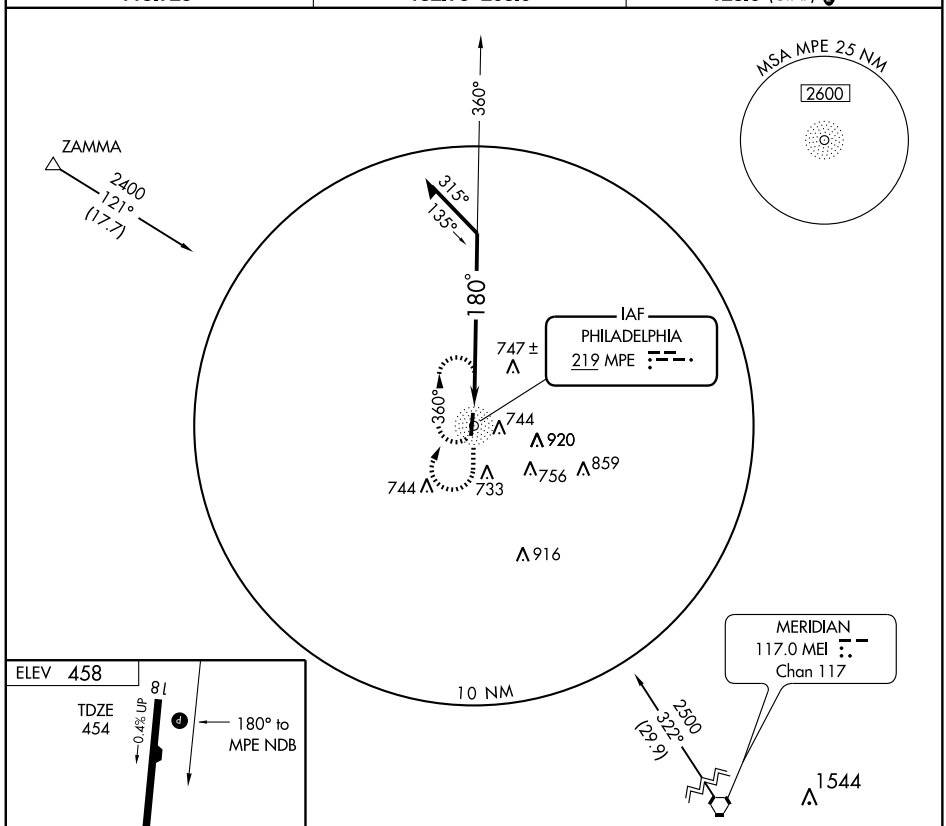
PHILADELPHIA MUNI (MPE)

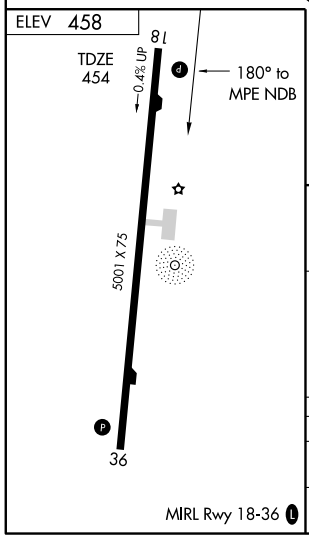
When local altimeter setting not received, use Key Field altimeter setting and increase all MDA 160 feet, and S-18 and circling Cat B visibility ¼ mile, Cat C visibility ½ mile. Visibility reduction by helicopters NA. When VGSI inoperative, procedure NA at night.

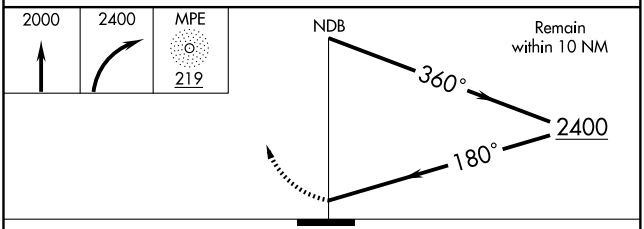
NA

MISSED APPROACH: Climb to 2000 then climbing right turn to 2400 direct MPE NDB and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.725	132.75 263.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-18	1100-1	646 (700-1)	1100-1¾ 646 (700-1¾)	NA
CIRCLING	1100-1	642 (700-1)	1100-1¾ 642 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB MPE	APP CRS		
219	015°	Rwy Idg	5001
		TDZE	458
		Apt Elev	458

NDB RWY 36

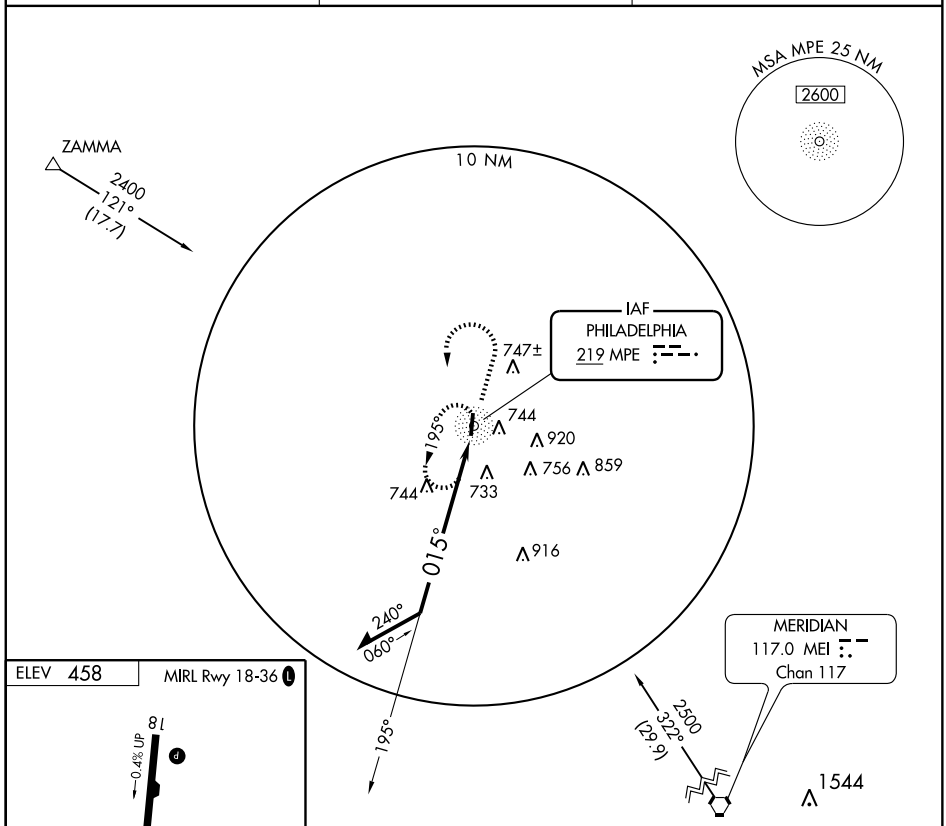
PHILADELPHIA MUNI (MPE)

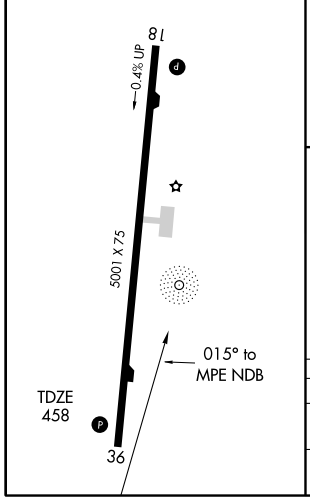
When local altimeter setting not received, use Key Field altimeter setting and increase all MDA 160 feet, and S-36 and circling Cat B visibility ¼ mile, Cat C visibility ½ mile. Visibility reduction by helicopters NA. When VGSI inoperative, procedure NA at night.

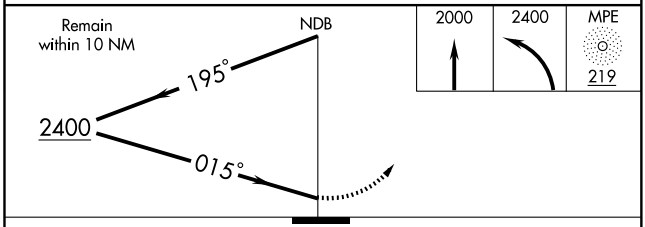
NA

MISSED APPROACH: Climb to 2000 then climbing left turn to 2400 direct MPE NDB and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.725	132.75 263.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-36	1140-1	682 (700-1)	1140-2 682 (700-2)	NA
CIRCLING	1140-1	682 (700-1)	1140-2 682 (700-2)	NA

WAAS	APP CRS		
CH 78115	185°	Rwy Idg	5001
W18A		TDZE	454
		Apt Elev	458

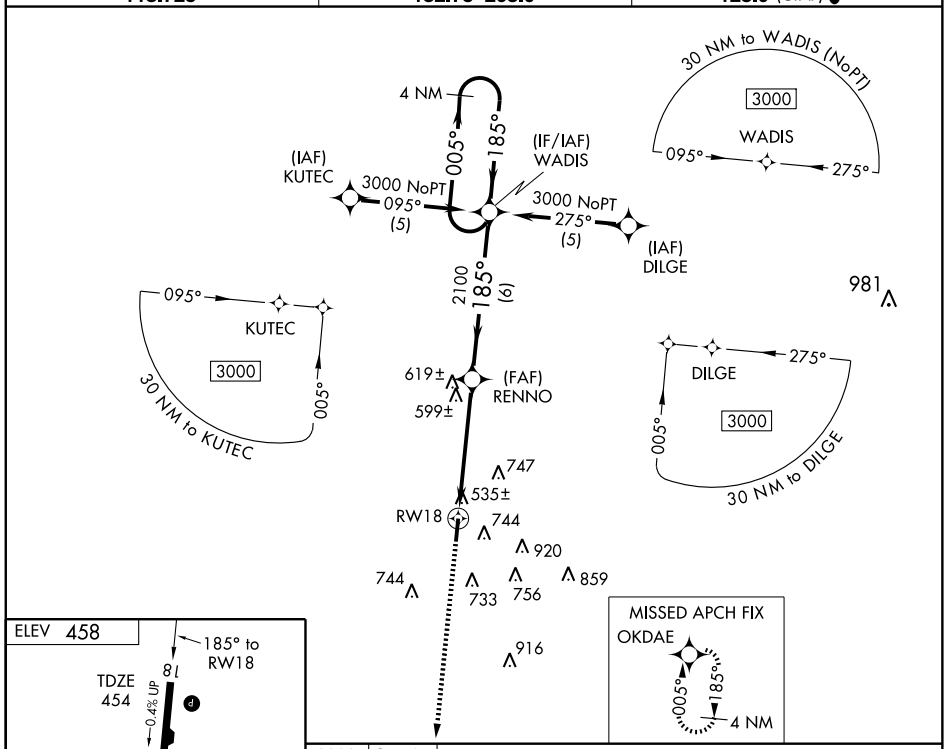
RNAV (GPS) RWY 18

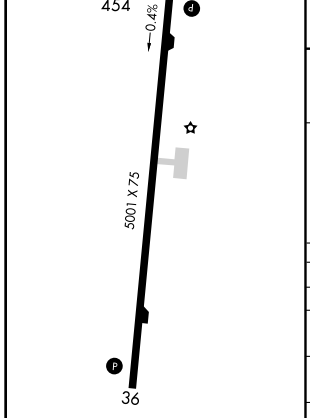
PHILADELPHIA MUNI (MPE)

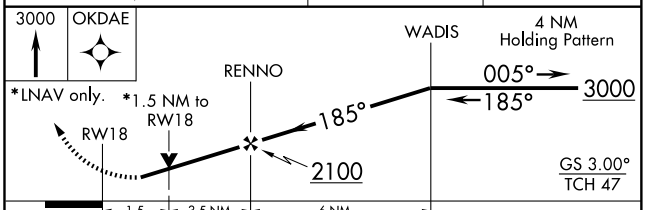
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Key Field altimeter setting and increase all DA 101 feet and all MDA 120 feet and increase LPV all Cats, LNAV Cat C and Circling Cats C and D visibility ¼ mile, increase LNAV/VNAV all Cats, LNAV Cat D visibility ½ mile. Baro-VNAV and VDP NA when using Key Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct OKDAE and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.725	132.75 263.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	774-1¼ 320 (400-1¼)			
LNAV/VNAV DA	850-1½ 396 (400-1½)			
LNAV MDA	960-1 506 (600-1)		960-1½ 506 (600-1½)	
CIRCLING	1060-1 602 (700-1)		1060-1¾ 602 (700-1¾)	1060-2 602 (700-2)

WAAS	APP CRS	Rwy Idg	5001
CH 48915	005°	TDZE	458
W36A		Apt Elev	458

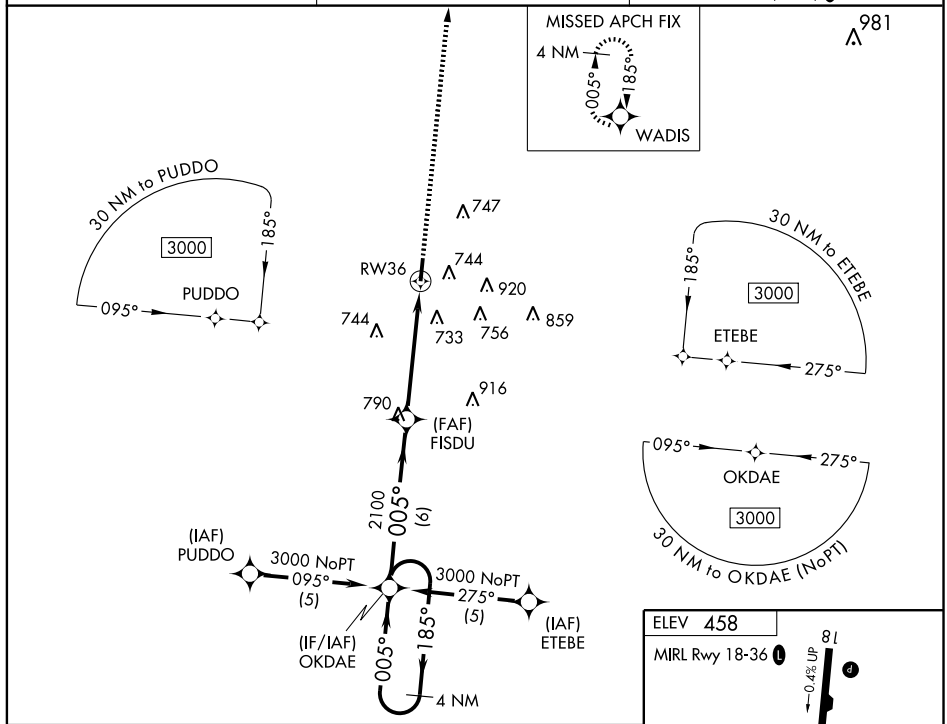
RNAV (GPS) RWY 36

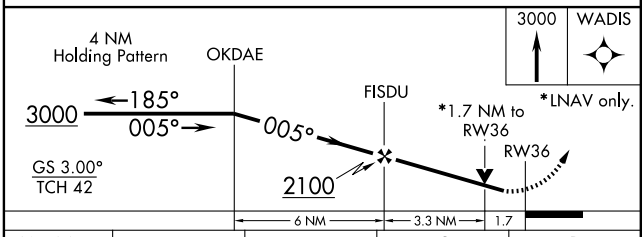
PHILADELPHIA MUNI (MPE)

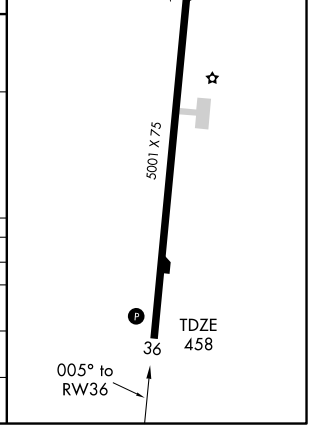
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Key Field altimeter setting and increase all DA 101 feet and all MDA 120 feet and increase LPV, LNAV/VNAV all Cats, LNAV Cats C and D visibility ½ mile, increase Circling Cats C and D visibility ¼ mile. Baro-VNAV and VDP NA when using Key Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct WADIS and hold.

ASOS	MEMPHIS CENTER	UNICOM
118.725	132.75 263.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		838-1¼ 380 (400-1¼)		
LNAV/ VNAV DA		1107-2¼ 649 (700-2¼)		
LNAV MDA	1040-1 582 (600-1)		1040-1½ 582 (600-1½)	1040-1¾ 582 (600-1¾)
CIRCLING	1060-1 602 (700-1)		1060-1¾ 602 (700-1¾)	1060-2 602 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 5000
CH 99310	179°	TDZE 55
W18A		Apt Elev 55

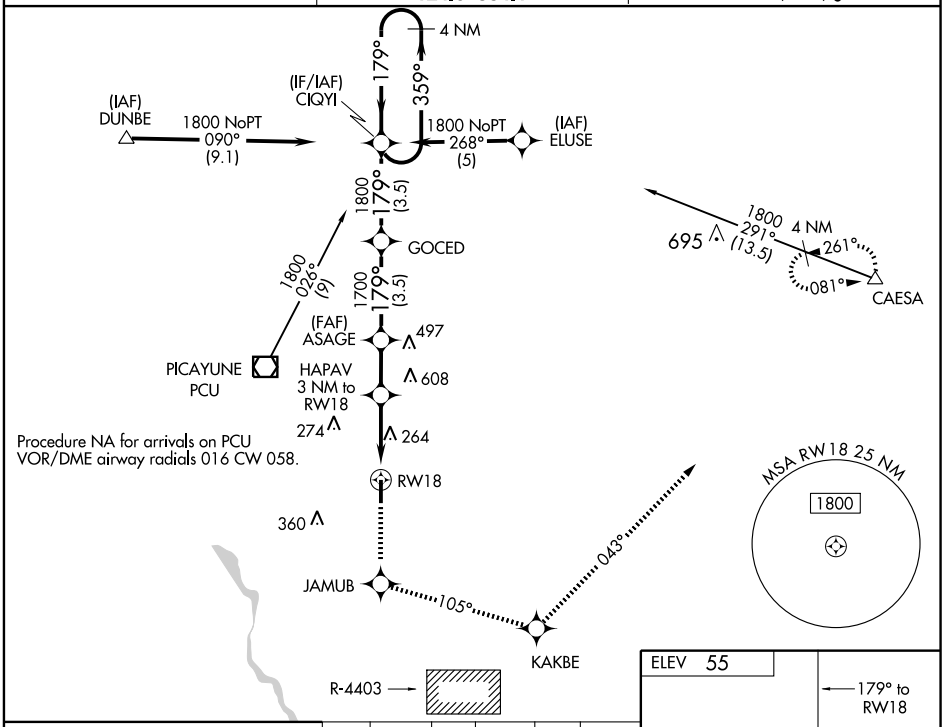
RNAV (GPS) RWY 18

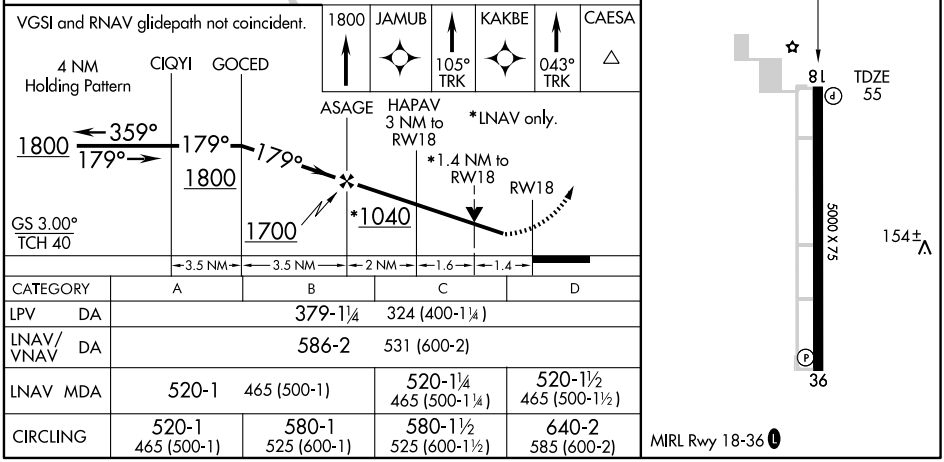
PICAYUNE MUNI (MJD)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received use Stennis Intl altimeter setting and increase all DA/MDA 40 feet and visibility LNAV Cat C ¼ mile. VDP and Baro-VNAV NA when using Stennis Intl altimeter setting.

MISSED APPROACH: Climb to 1800 direct JAMUB and via 105° track to KAKBE and via 043° track to CAESA and hold.

AWOS-3	GULFPORT APP CON	UNICOM
119.075	124.6 354.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	379-1¼	324 (400-1¼)		
LNAV/VNAV DA	586-2	531 (600-2)		
LNAV MDA	520-1	465 (500-1)	520-1¼ 465 (500-1¼)	520-1½ 465 (500-1½)
CIRCLING	520-1 465 (500-1)	580-1 525 (600-1)	580-1½ 525 (600-1½)	640-2 585 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5000
CH 42909	359°	TDZE	54
W36A		Apt Elev	55

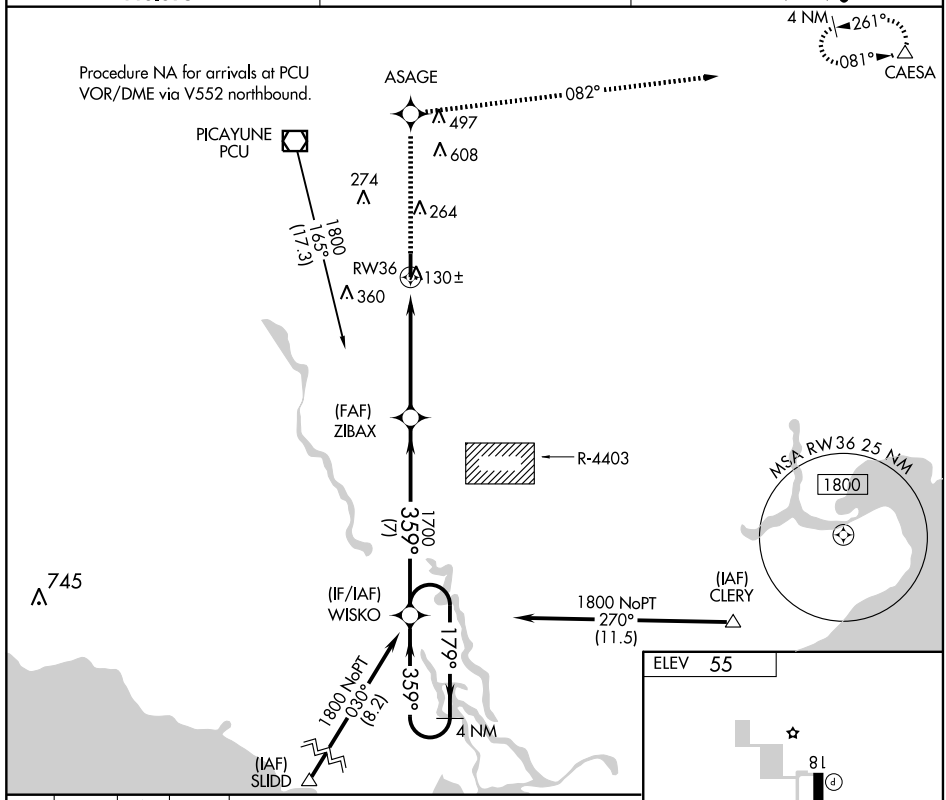
RNAV (GPS) RWY 36

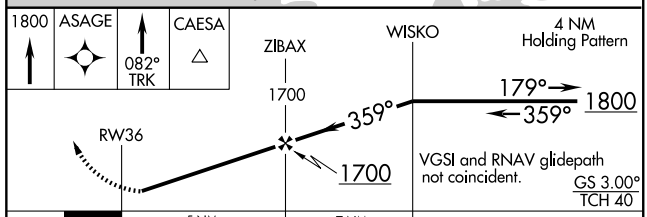
PICAYUNE MUNI (MJD)

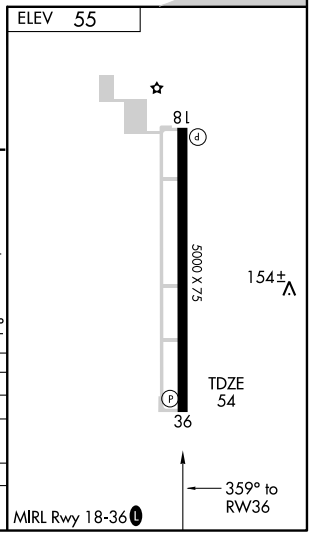
Baro-VNAV NA when using Stennis Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received use Stennis Intl altimeter setting and increase all DA/MDA 40 feet. Increase LNAV/VNAV visibility ¼ mile all Cats and LNAV Cat D ¼ mile.

MISSED APPROACH: Climb to 1800 direct ASAGE and via 082° track to CAESA and hold.

AWOS-3	GULFPORT APP CON	UNICOM
119.075	124.6 354.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		304-1	250 (300-1)	
LNAV/VNAV DA		400-1¼	346 (400-1¼)	
LNAV MDA		380-1	326 (400-1)	
CIRCLING	460-1 405 (500-1)	580-1 525 (600-1)	580-1½ 525 (600-1½)	640-2 585 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VOR/DME PCU	APP CRS	Rwy Idg	5000
112.2	132°	TDZE	N/A
Chan 59		Apt Elev	56

VOR-A

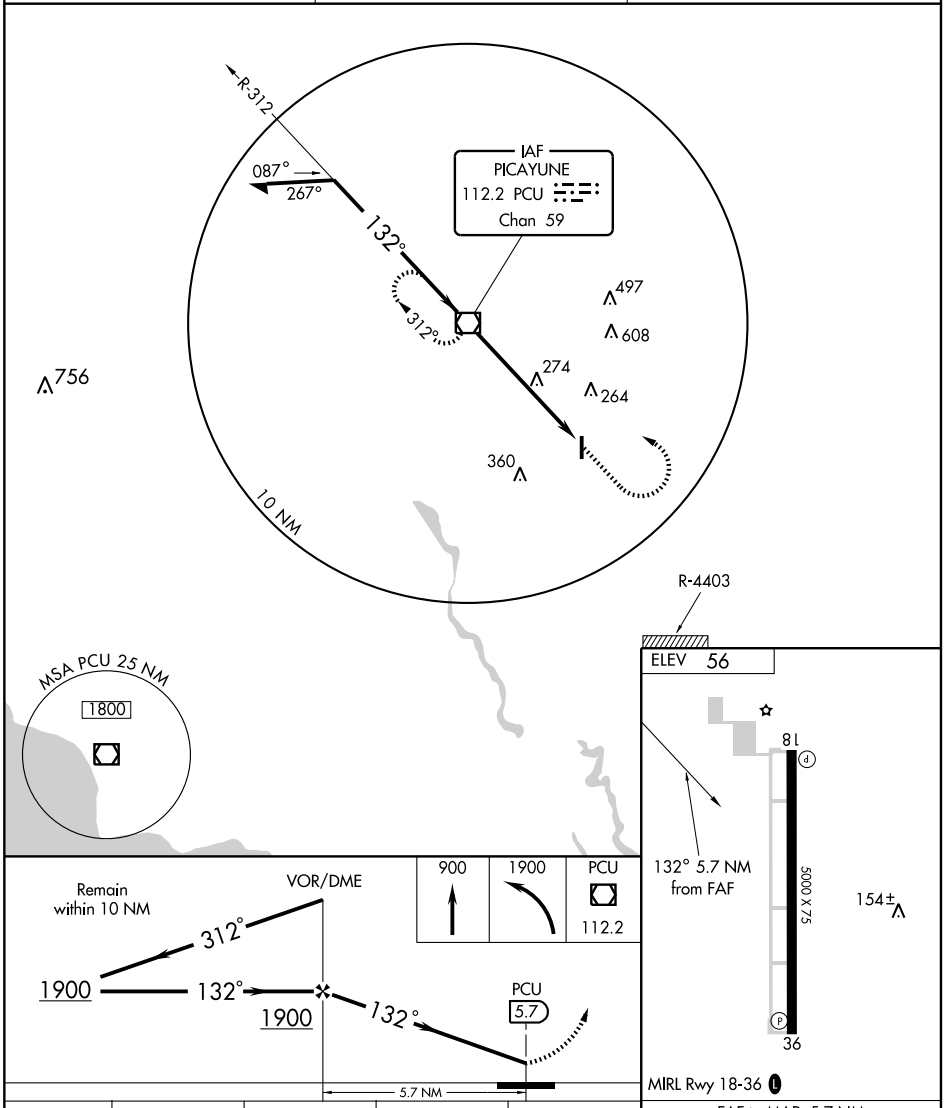
PICAYUNE MUNI (MJD)

NA

Use Stennis Intl altimeter setting.

MISSED APPROACH: Climb to 900 then climbing left turn to 1900 direct PCU VOR/DME and hold.

AWOS-3	GULFPORT APP CON	UNICOM
119.075	124.6 354.1	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	540-1 484 (500-1)	600-1 544 (600-1)	600-1½ 544 (600-1½)	620-2 564 (600-2)

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3197
CH 90408	123°	TDZE	455
W12A		Apt Elev	455

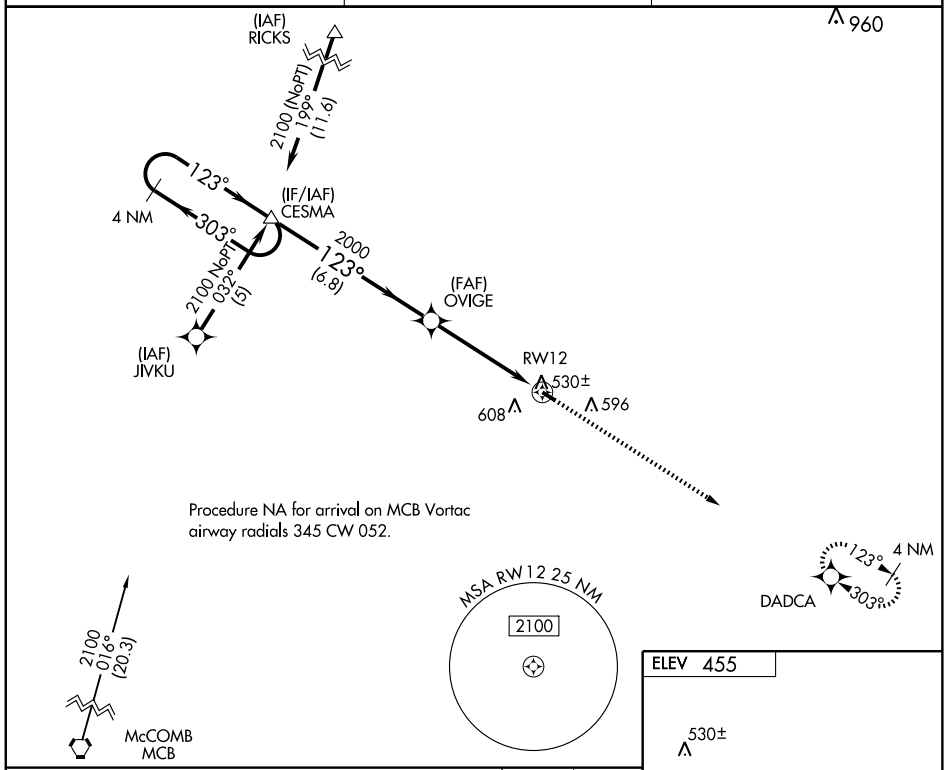
RNAV (GPS) RWY 12

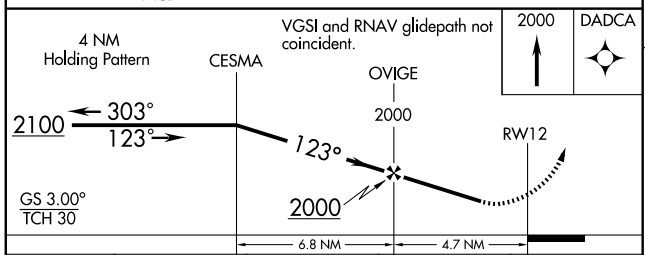
PRENTISS-JEFFERSON DAVIS COUNTY (M43)

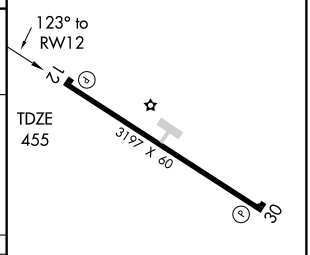
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Hattiesburg-Laurel Rgnl altimeter setting; when not received, use McComb altimeter setting.

MISSED APPROACH: Climb to 2000 direct DADCA and hold.

HATTIESBURG-LAUREL REGIONAL AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	122.8 (CTAF) 121.9 L







CATEGORY	A	B	C	D
LPV DA	824-1¼ 369 (400-1¼)			NA
LNAV MDA	880-1 425 (500-1)		880-1¼ 425 (500-1¼)	NA
CIRCLING	1020-1 565 (600-1)		1020-1½ 565 (600-1½)	NA

MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 3197
CH 61208	303°	TDZE 455
W30A		Apt Elev 455

RNAV (GPS) RWY 30

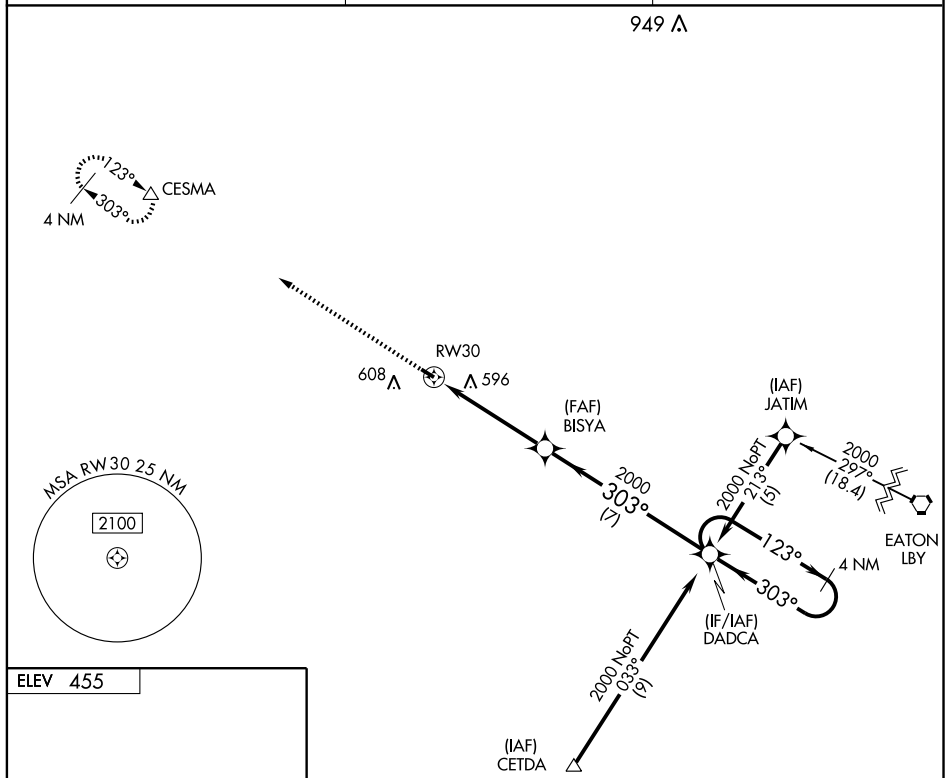
PRENTISS-JEFFERSON DAVIS COUNTY (M43)

Use Hattiesburg-Laurel Rgnl altimeter setting; when not received, use McComb altimeter setting. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

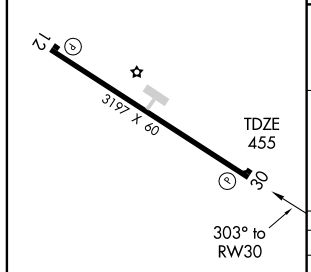
NA

MISSED APPROACH: Climb to 2100 direct CESMA and hold.

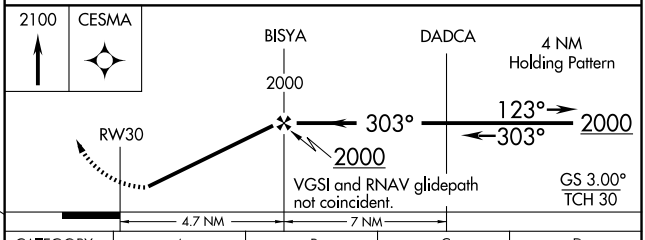
HATTIESBURG-LAUREL REGIONAL AWOS-3	HOUSTON CENTER	UNICOM
128.325	126.8 327.8	122.8 (CTAF) 121.9 L



ELEV 455



MIRL Rwy 12-30 L



CATEGORY	A	B	C	D
LPV DA	866-1½ 411 (500-1½)			NA
LNAV MDA	940-1 485 (500-1)		940-1¼ 485 (500-1¼)	NA
CIRCLING	1020-1 565 (600-1)		1020-1½ 565 (600-1½)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB RYB 375	APP CRS 131°	Rwy Idg 5501 TDZE 243 Apt Elev 246

NDB RWY 12

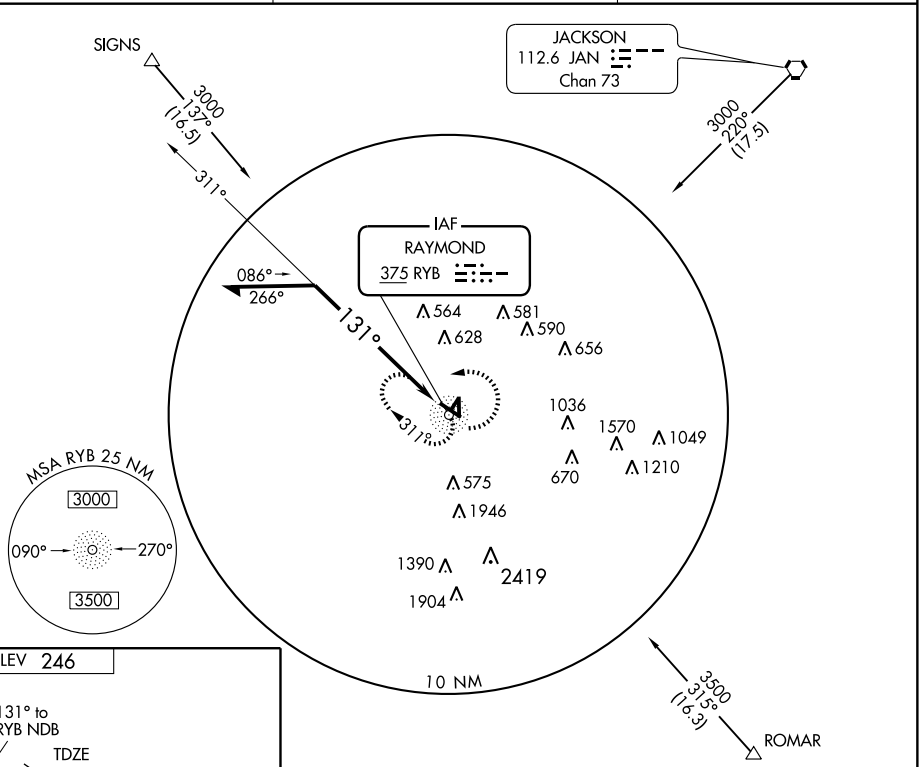
RAYMOND/ JOHN BELL WILLIAMS (M16)

Use Jackson altimeter setting.

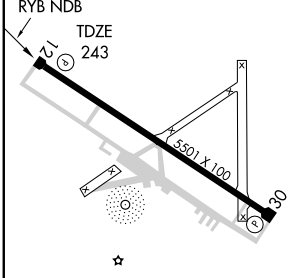
NA

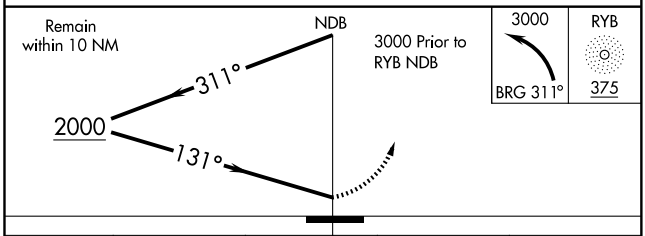
MISSED APPROACH: Climbing left turn to 3000 via 311° bearing from RYB NDB then direct RYB NDB and hold.

AWOS-3	JACKSON APP CON *	UNICOM
118.675	125.25 319.2	122.8 (CTAF) L



CAUTION: Numerous towers north, east and south of airport.





CATEGORY	A	B	C	D
S-12	940-1	697 (700-1)	940-2 697 (700-2)	940-2¼ 697 (700-2¼)
CIRCLING	940-1	694 (700-1)	940-2 694 (700-2)	1060-2¾ 814 (900-2¾)

MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50205 W12A	APP CRS 120°	Rwy Idg 5501 TDZE 244 Apt Elev 247

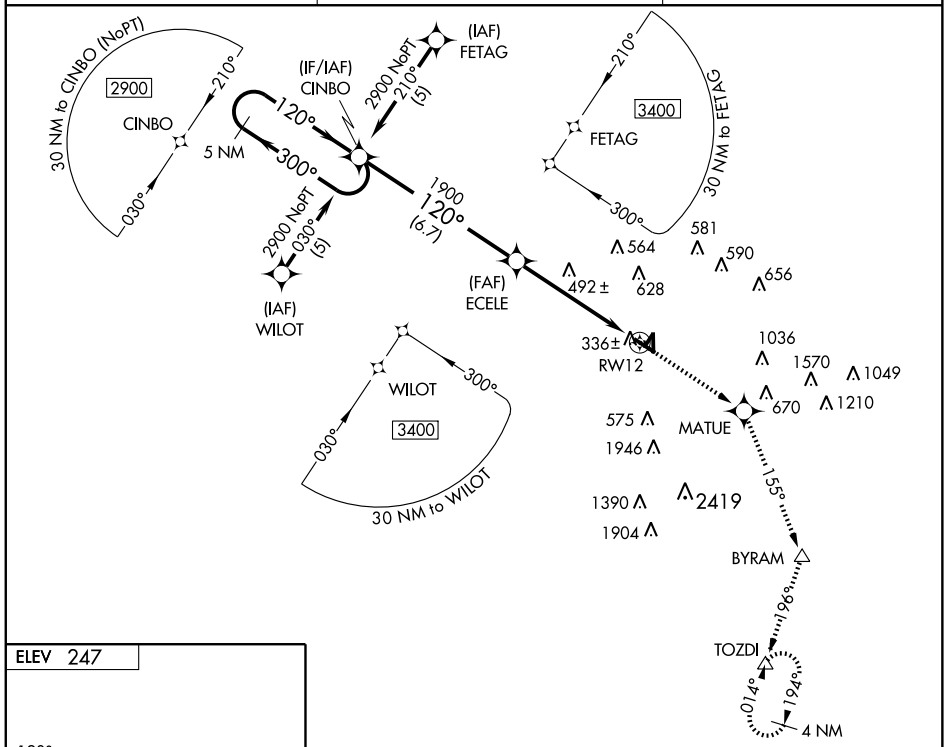
RNAV (GPS) RWY 12

RAYMOND/JOHN BELL WILLIAMS (M16)

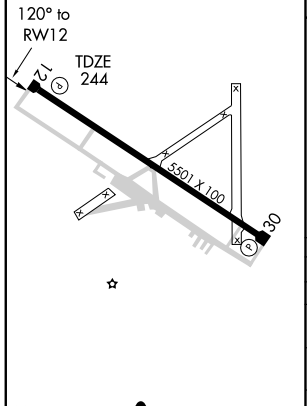
Circling to Rwy 30 NA at night. If local altimeter setting not received, use Hawkins altimeter setting and increase all DAs/MDAs 40 feet. Visibility reduction by helicopters NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). BARO-VNAV NA when using Hawkins altimeter setting. VDP NA when using Hawkins altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct MATUE and via 155° track to BYRAM and via 196° track to TOZDI and hold.

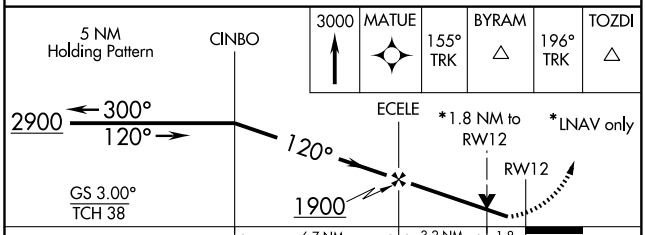
AWOS-3	JACKSON APP CON ★	UNICOM
118.675	125.25 319.2	122.8 (CTAF) L



ELEV 247



MIRL Rwy 12-30 L



CATEGORY	A	B	C	D
LPV DA	516-1	272 (300-1)		
LNAV/VNAV DA	770-2	526 (600-2)		
LNAV MDA	840-1	596 (600-1)	840-1½ 596 (600-1½)	840-1¾ 596 (600-1¾)
CIRCLING	840-1	593 (600-1)	840-1½ 593 (600-1½)	1060-2¾ 813 (900-2¾)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5501
301°	TDZE	247
	Apt Elev	247

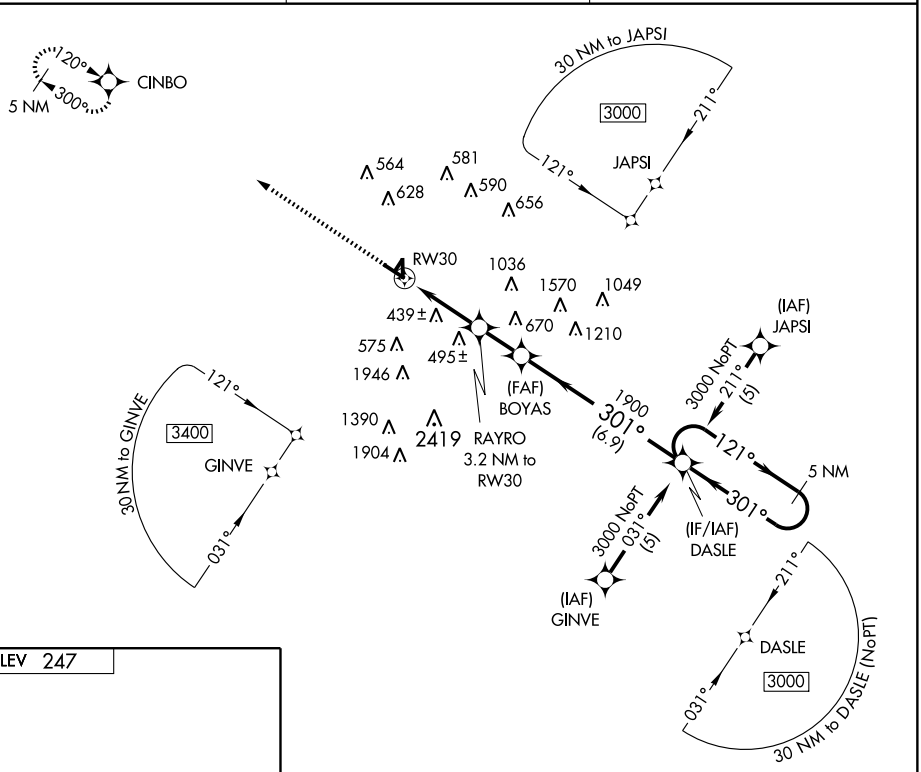
RNAV (GPS) RWY 30

RAYMOND/JOHN BELL WILLIAMS (M16)

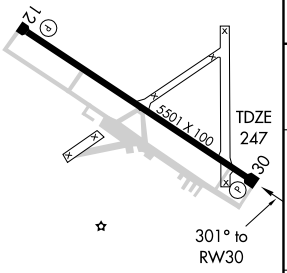
Straight in and circling to Rwy 30 NA at night. If local altimeter setting not received, use Hawkins altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

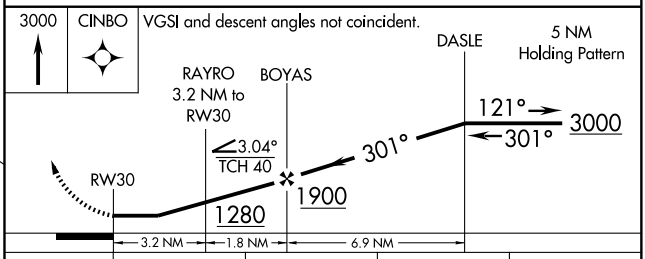
MISSED APPROACH: Climb to 3000 direct CINBO and hold.

AWOS-3	JACKSON APP CON ★	UNICOM
118.675	125.25 319.2	122.8 (CTAF) L



ELEV 247





CATEGORY	A	B	C	D
LNAV MDA	700-1	453 (500-1)	700-1¼	700-1½
			453 (500-1¼)	453 (500-1½)
CIRCLING	800-1	553 (600-1)	800-1½	1060-2¾
			553 (600-1½)	813 (900-2¾)

MIRL Rwy 12-30 L

SC-4, 17 DEC 2009 to 14 JAN 2010

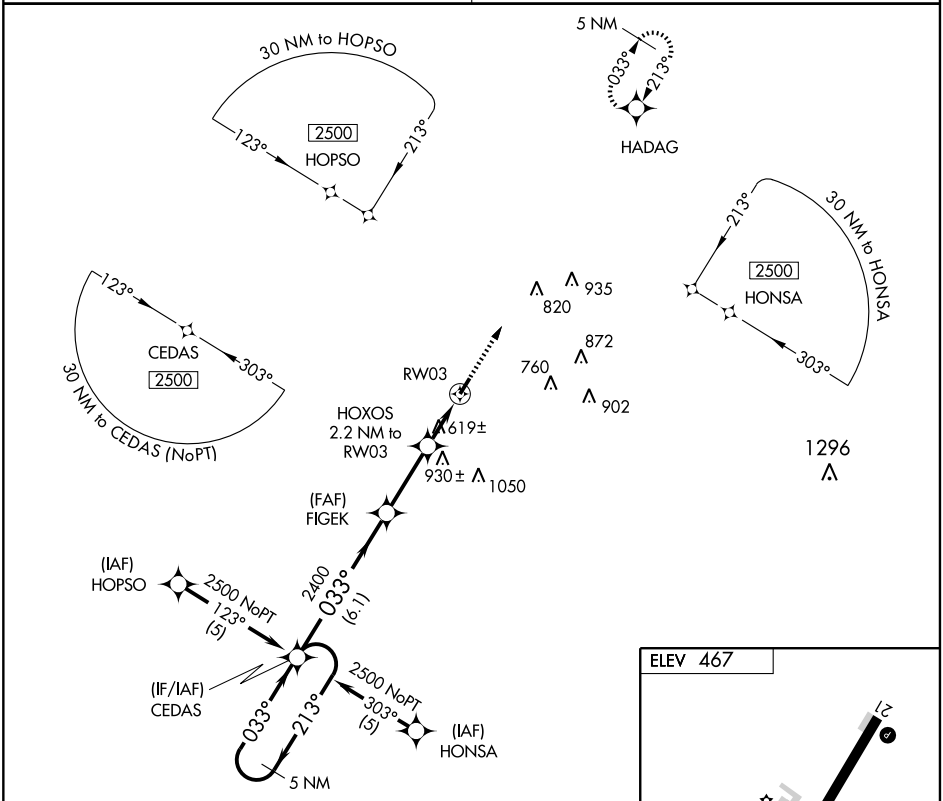
APP CRS	Rwy Idg	4400
033°	TDZE	458
	Apt Elev	467

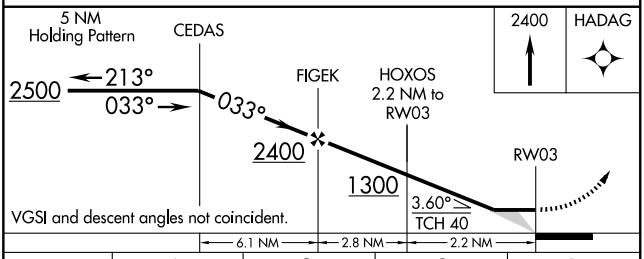
RNAV (GPS) RWY 3
RIPLEY (25M)

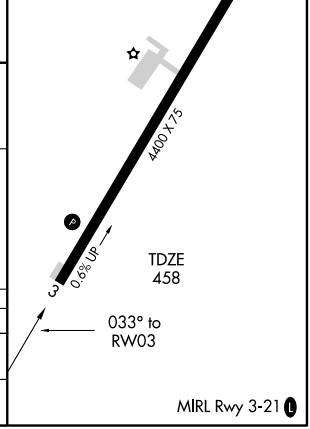
DME/DME RNP-0.3 NA. Use Corinth altimeter setting, if not received procedure NA.

MISSED APPROACH: Climb to 2400 direct HADAG and hold.

MEMPHIS CENTER	UNICOM
135.9 260.6	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	940-1	482 (500-1)	940-1¼ 482 (500-1¼)	NA
CIRCLING	1060-1	593 (600-1)	1080-1¾ 613 (700-1¾)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

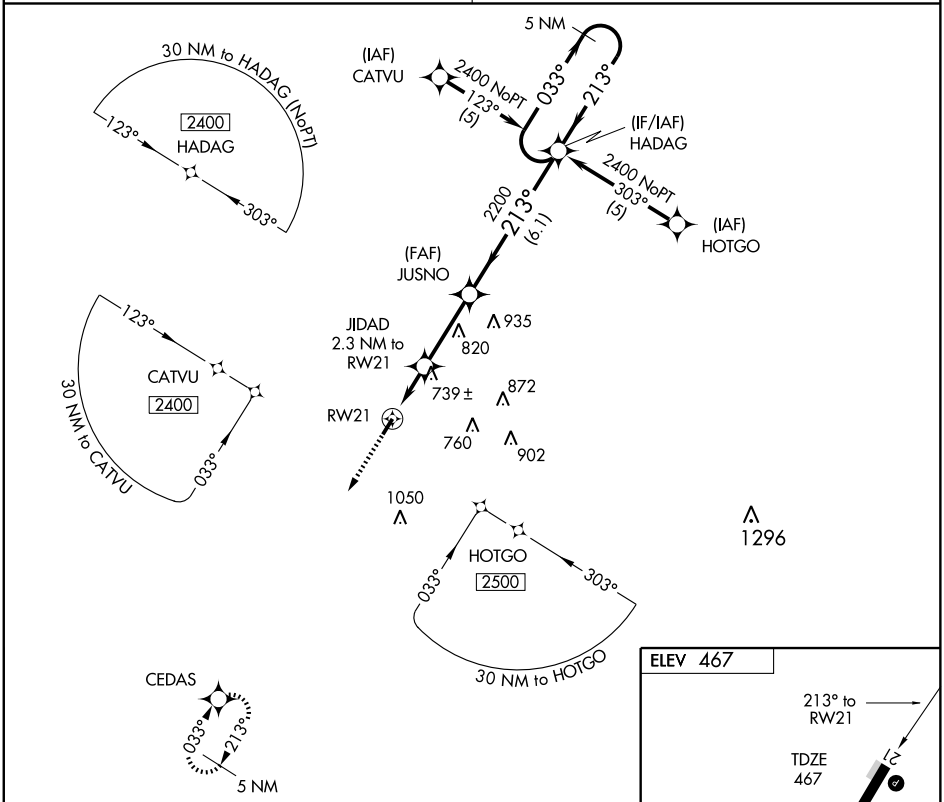
APP CRS	Rwy Idg	4400
213°	TDZE	467
	Apt Elev	467

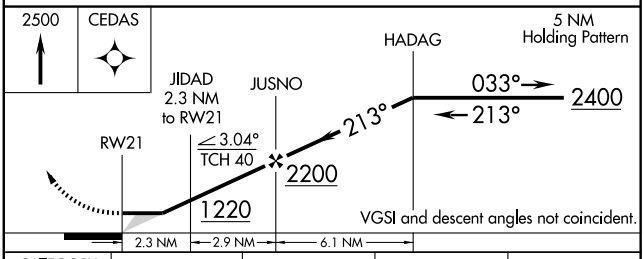
RNAV (GPS) RWY 21
RIPLEY (25M)

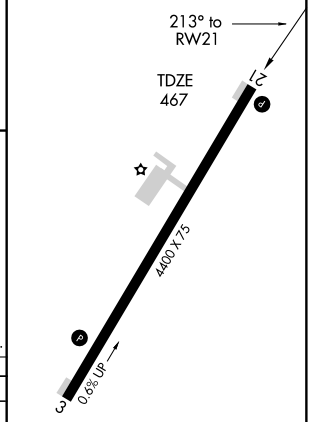
DME/DME RNP-0.3 NA. Use Corinth altimeter setting, if not received, use Tupelo altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 2500 direct CEDAS and hold.

MEMPHIS CENTER	UNICOM
135.9 260.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1060-1	593 (600-1)	1060-1½ 593 (600-1½)	NA
CIRCLING	1060-1	593 (600-1)	1080-1¾ 613 (700-1¾)	NA

MIRL Rwy 3-21 L

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC HLI 112.4 Chan 71	APP CRS 094°	Rwy Idg N/A TDZE N/A Apt Elev 467

VOR/DME-A

RIPLEY (25M)

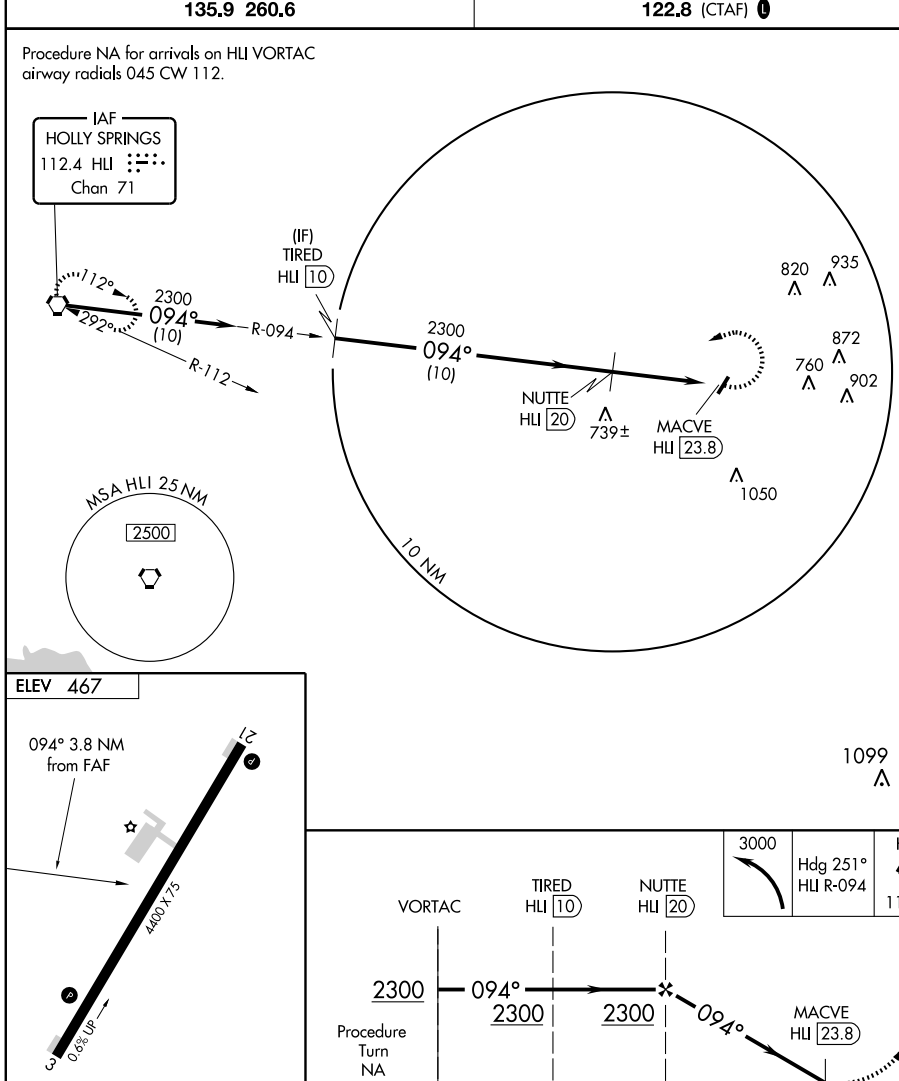
Use Corinth altimeter setting, if not received, use Tupelo altimeter setting and increase all MDAs 40 feet.

NA

MISSED APPROACH: Climbing left turn to 3000 via heading 251° and HLI VORTAC R-094 to HLI VORTAC and hold.

MEMPHIS CENTER	UNICOM
135.9 260.6	122.8 (CTAF) L

Procedure NA for arrivals on HLI VORTAC airway radials 045 CW 112.



Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	1060-1 593 (600-1)	1060-1¼ 593 (600-1¼)	1080-1¾ 613 (700-1¾)	1100-2 633 (700-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC IGB 116.2 Chan 109	APP CRS 269°	Rwy Idg N/A TDZE N/A Apt Elev 250

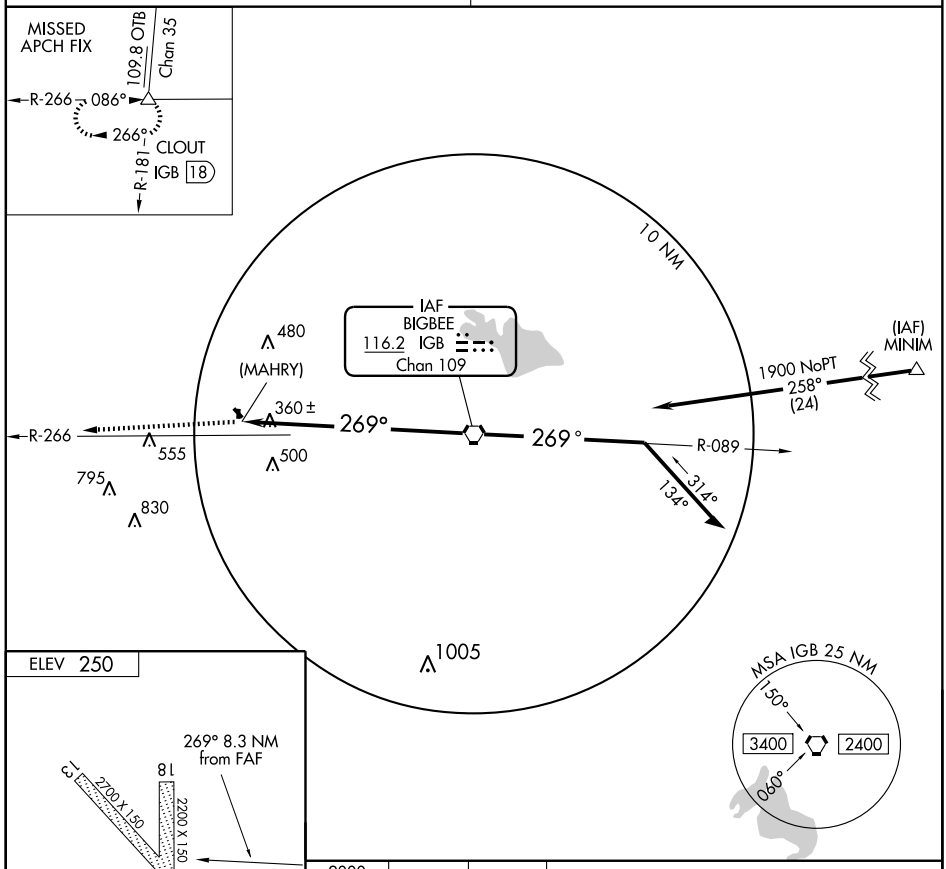
VOR or GPS-B

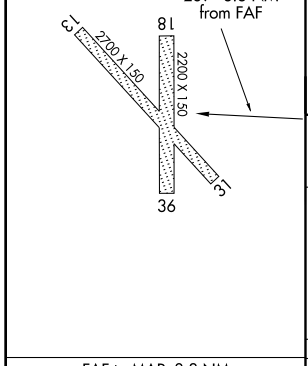
STARKVILLE/ OKTIBBEHA (M51)

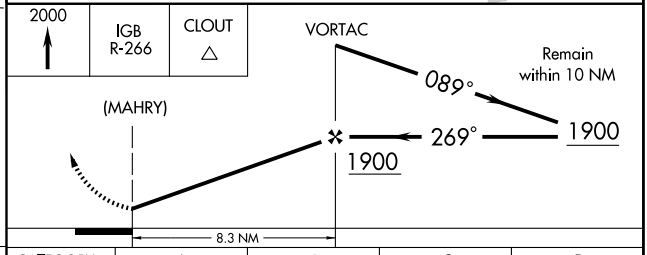
Use Columbus altimeter setting.
NA Procedure not authorized at night.

MISSED APPROACH: Climb to 2000 via IGB R-266 to CLOUT Int and hold.

COLUMBUS APP CON ★	UNICOM
135.6 323.275	122.8 (CTAF)







FAF to MAP 8.3 NM					
Knots	60	90	120	150	180
Min:Sec	8:18	5:32	4:09	3:19	2:46

CATEGORY	A	B	C	D
CIRCLING	780-1 530 (600-1)		NA	

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-STF	APP CRS	Rwy Idg	5550
109.9	360°	TDZE	326
Chan 36		Apt Elev	333

LOC/DME RWY 36

STARKVILLE/ GEORGE M. BRYAN (STF)

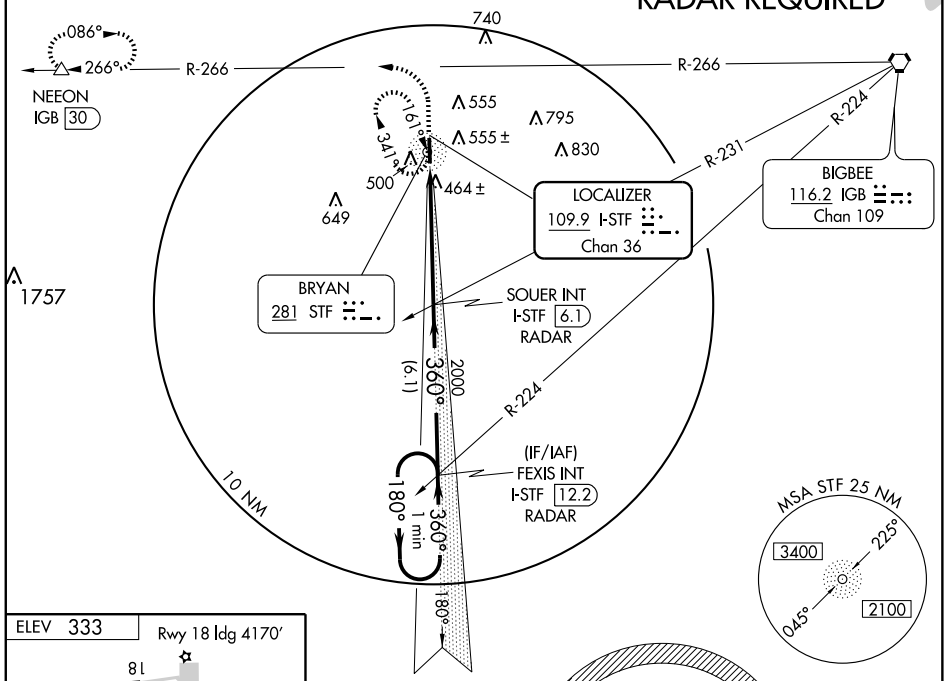
If local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all MDAs 40 feet. DME required. Visibility reduction by helicopters NA.

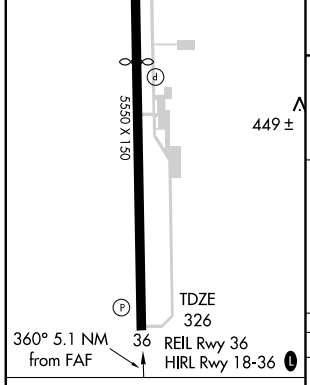
NA

MISSED APPROACH: Climb to 1000, then climbing left turn to 2400 via heading 300° and IGB R-266 to NEEON/IGB 30 DME and hold.

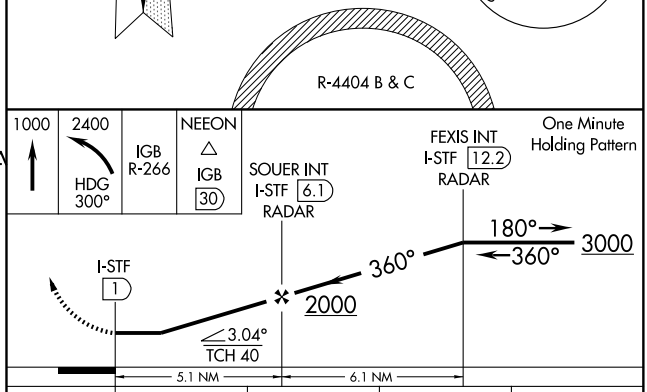
AWOS-3	COLUMBUS APP CON ★	CLNC DEL	UNICOM
118.975	135.6 323.275	126.25	122.7 (CTAF) L

RADAR REQUIRED





Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-36	720-1 394 (400-1)			720-1¼ 394 (400-1¼)
CIRCLING	920-1 587 (600-1)		920-1½ 587 (600-1½)	920-2 587 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

NDB STF 281	APP CRS 161°	Rwy Idg N/A TDZE N/A Apt Elev 332

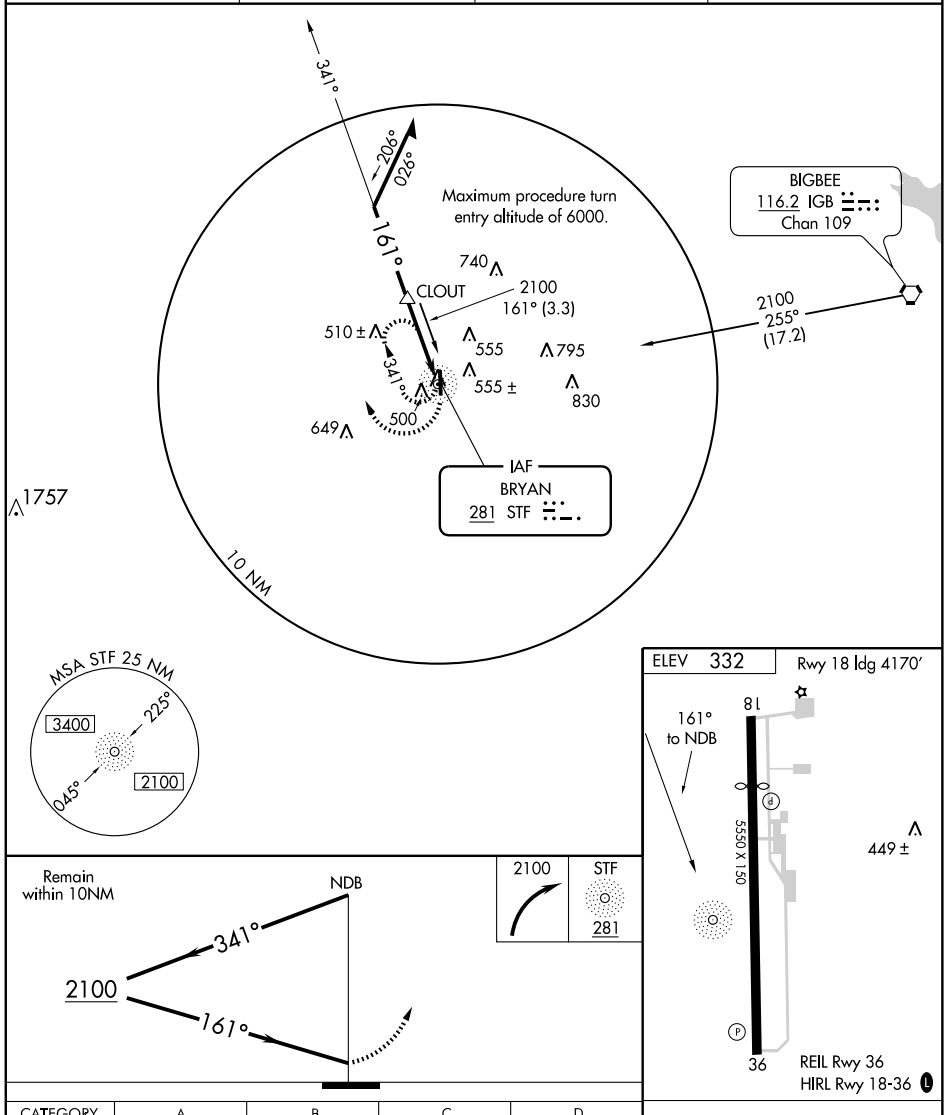
NDB-C

STARKVILLE/GEORGE M. BRYAN (STF)

▼ NA — If local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climbing right turn to 2100 in STF NDB holding pattern.

AWOS-3	COLUMBUS APP CON ★	CLNC DEL	UNICOM
118.975	135.6 323.275	126.25	122.7 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	920-1 588 (600-1)		920-1½ 588 (600-1½)	920-2 588 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4170
180°	TDZE	332
	Apt Elev	332

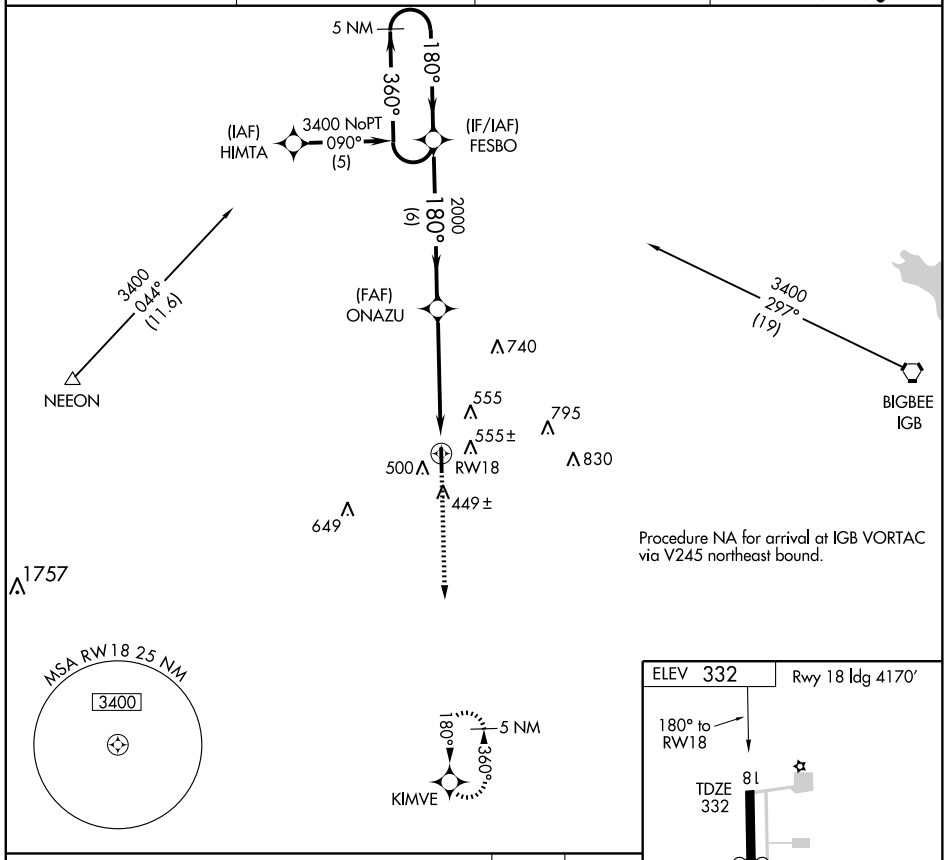
RNAV (GPS) RWY 18

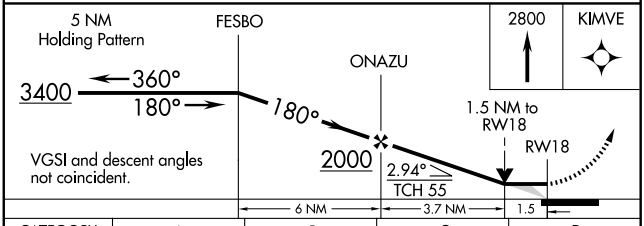
STARKVILLE/GEORGE M. BRYAN (STF)

VDP NA with Columbus AFB altimeter setting. DME/DME RNP-0.3 NA.
If local altimeter setting not received, use Columbus AFB altimeter setting and increase all MDAs 80 feet.

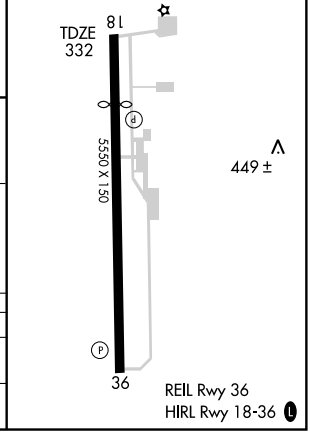
MISSED APPROACH: Climb to 2800 direct KIMVE and hold.

AWOS-3	COLUMBUS APP CON ★	CLNC DEL	UNICOM
118.975	135.6 323.275	126.25	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	820-1	488 (500-1)	820-1¼ 488 (500-1¼)	820-1½ 488 (500-1½)
CIRCLING	860-1	528 (600-1)	860-1½ 528 (600-1½)	900-2 568 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53604 W36A	APP CRS 360°	Rwy Idg 5550 TDZE 326 Apt Elev 333

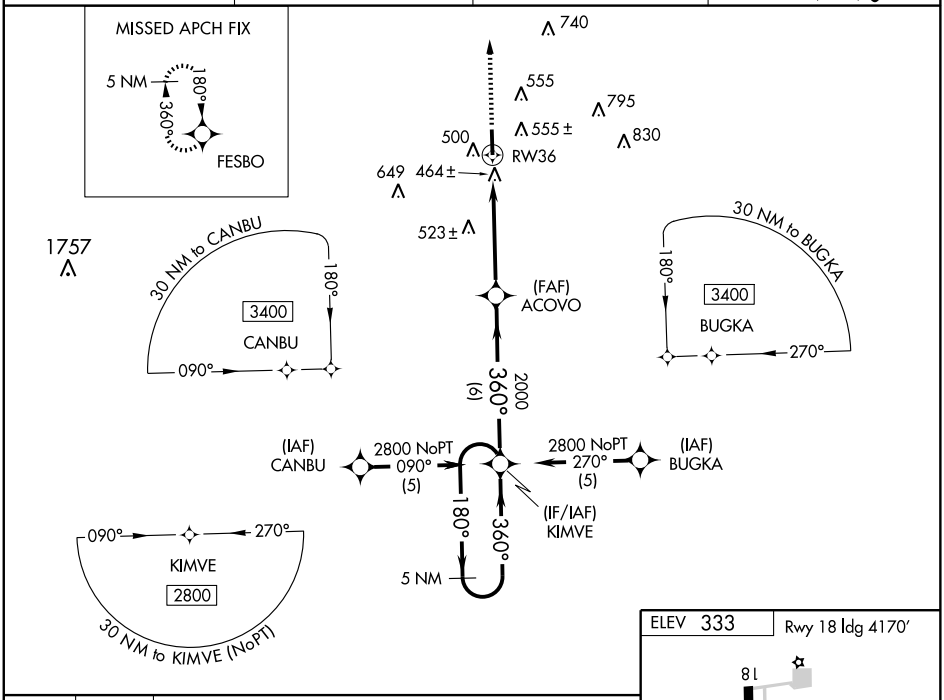
RNAV (GPS) RWY 36

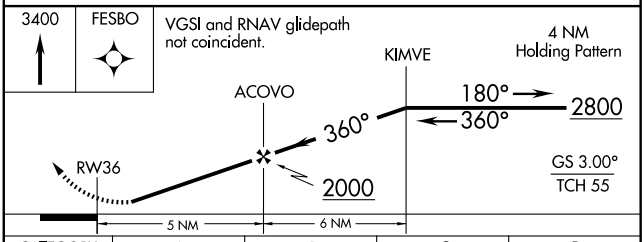
STARKVILLE/GEORGE M. BRYAN (STF)

Baro-VNAV NA when using Golden Triangle Rgnl altimeter setting. If local altimeter setting not received, use Golden Triangle Rgnl altimeter setting and increase all DAs/MDAs 40 feet. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Golden Triangle Rgnl altimeter setting.

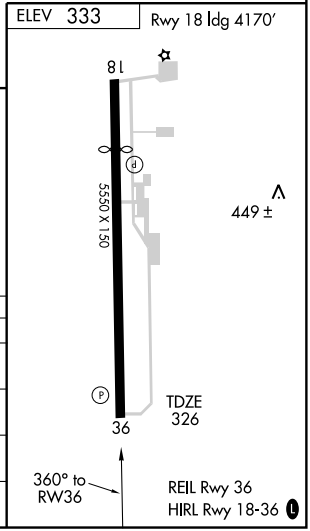
MISSED APPROACH: Climb to 3400 direct FESBO and hold, continue climb and hold to 3400.

AWOS-3	COLUMBUS APP CON ★	CLNC DEL	UNICOM
118.975	135.6 323.275	126.25	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	743-1½ 417 (500-1½)			
LNAV VNAV / DA	771-1½ 445 (500-1½)			
LNAV MDA	820-1 494 (500-1)		820-1¼ 494 (500-1¼)	820-1½ 494 (500-1½)
CIRCLING	920-1 587 (600-1)		920-1½ 587 (600-1½)	920-2 587 (600-2)



SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC IGB 116.2 Chan 109	APP CRS 076°	Rwy Idg N/A TDZE N/A Apt Elev 332

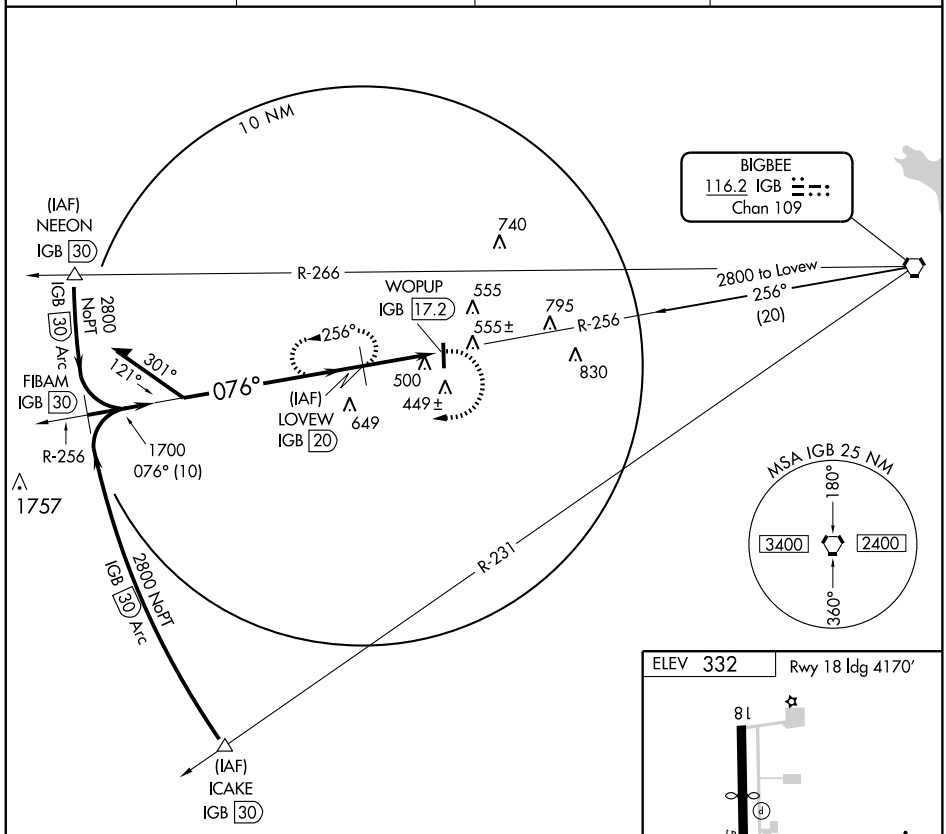
VOR/DME-A

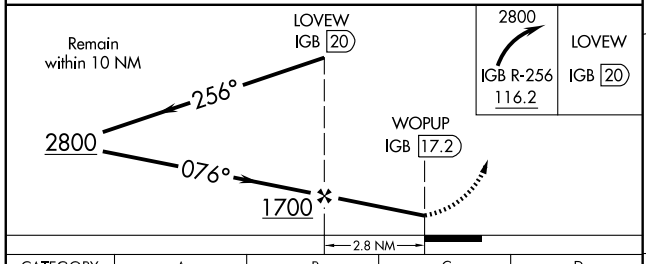
STARKVILLE/ GEORGE M. BRYAN (STF)

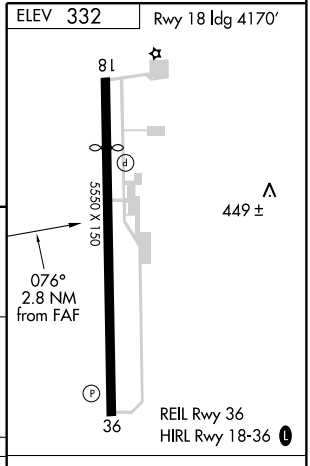
If local altimeter setting not received, use Columbus AFB altimeter setting and increase all MDAs 80 feet.

MISSED APPROACH: Climbing right turn to 2800 via IGB R-256 to LOVEW / IGB 20 DME and hold.

AWOS-3	COLUMBUS APP CON ★	CLNC DEL	UNICOM
118.975	135.6 323.275	126.25	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	860-1 528 (600-1)		860-1½ 528 (600-1½)	900-2 568 (600-2)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-UTA	APP CRS	Rwy Idg	8500
110.95	347°	TDZE	194
Chan 46(Y)		Apt Elev	194

ILS or LOC RWY 35

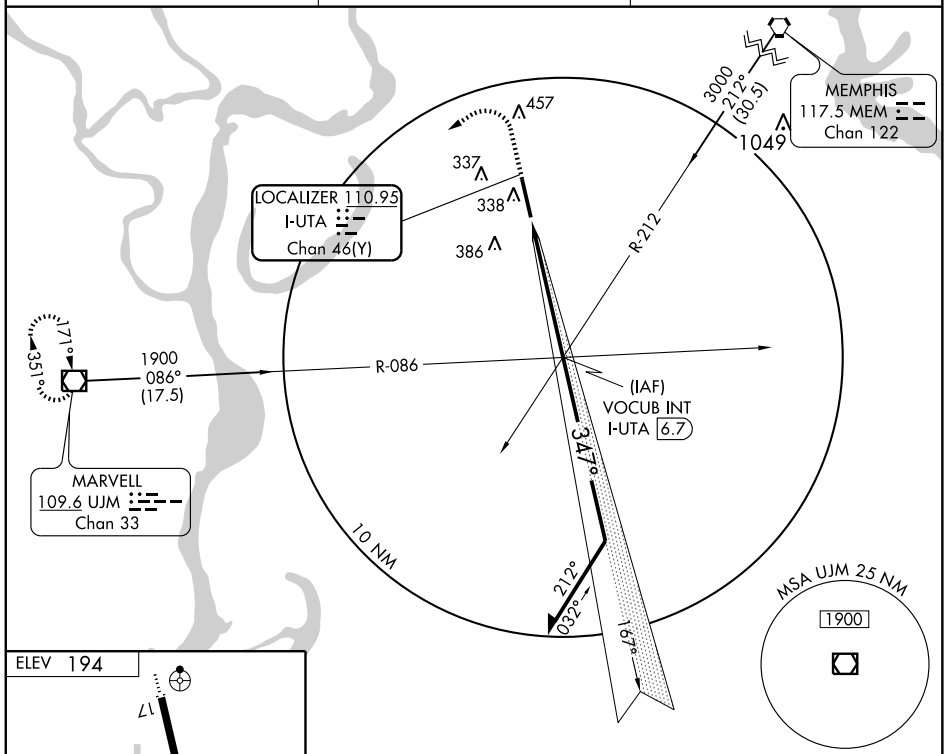
TUNICA MUNI (UTA)

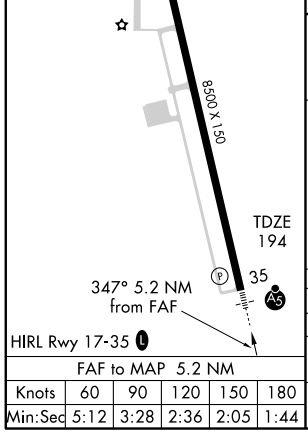
If local altimeter setting not received, use Memphis altimeter setting and increase all DH/MDAs 100 feet.
VDP NA with Memphis altimeter setting.

MALSR

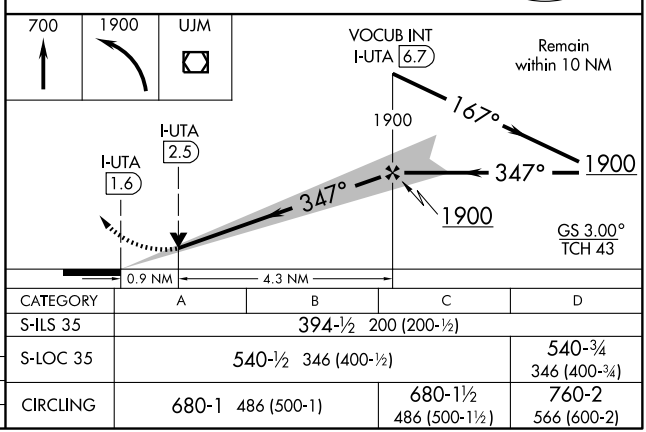
MISSED APPROACH: Climb to 700 then climbing left turn to 1900 direct UJM VOR/DME and hold.

AWOS-3	MEMPHIS APP CON	UNICOM
118.075	119.1 291.6	123.0 (CTAF) L





Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-ILS 35	394-½ 200 (200-½)			
S-LOC 35	540-½ 346 (400-½)			540-¾ 346 (400-¾)
CIRCLING	680-1 486 (500-1)		680-1½ 486 (500-1½)	760-2 566 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 56212 W17A	APP CRS 167°	Rwy Idg 8500 TDZE 194 Apt Elev 194

RNAV (GPS) RWY 17

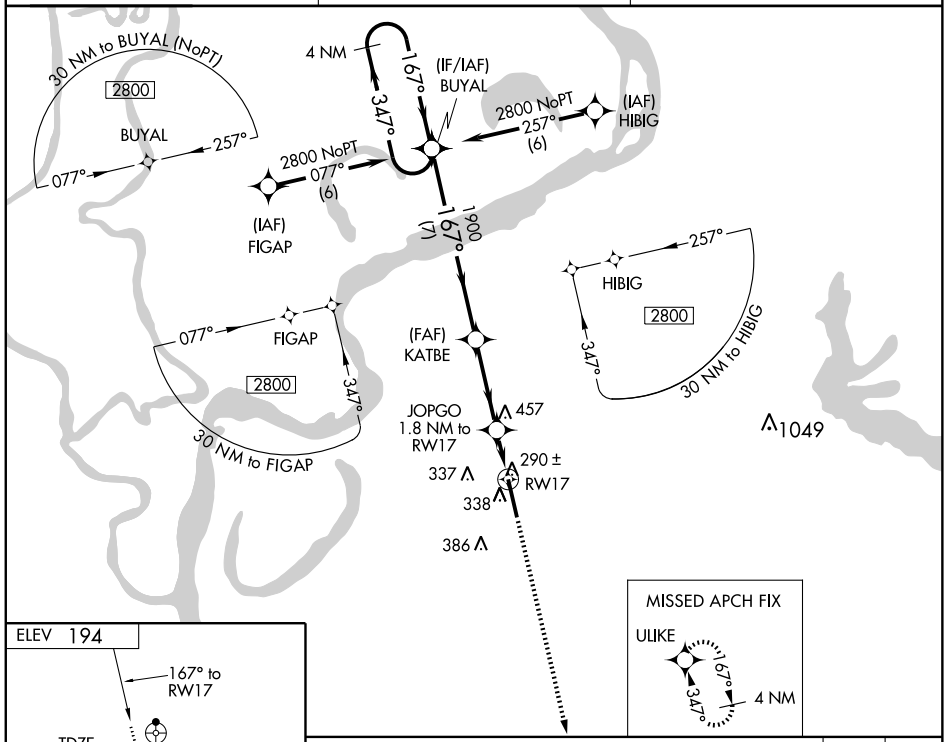
TUNICA MUNI (UTA)

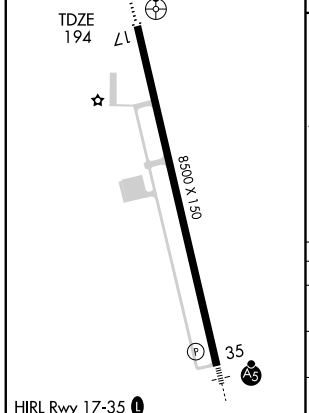
DME/DME RNP-0.3 NA.
When local altimeter setting not received, use Memphis Intl altimeter setting and increase all DA 86 feet and all MDA 100 feet, increase LNAV Cat C and D and Circling Cat C visibility ¼ mile.
VDP NA when using Memphis Intl altimeter setting.

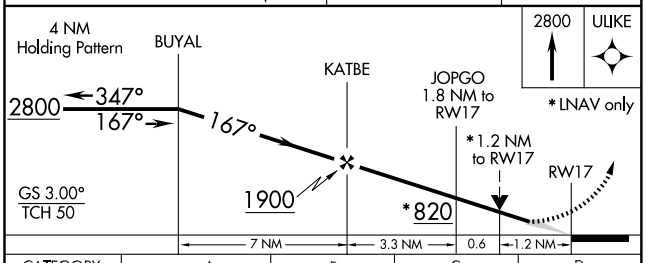
ODALS

MISSED APPROACH: Climb to 2800 direct ULIKE and hold.

AWOS-3	MEMPHIS APP CON	UNICOM
118.075	119.1 291.6	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	394-1 200 (200-1)			
LNAV MDA	640-1 446 (500-1)		640-1¼ 446 (500-1¼)	640-1½ 446 (500-1½)
CIRCLING	680-1 486 (500-1)		700-1½ 506 (600-1½)	760-2 566 (600-2)

WAAS	APP CRS	Rwy Idg	8500
CH 60912	347°	TDZE	194
W35A		Apt Elev	194

RNAV (GPS) RWY 35

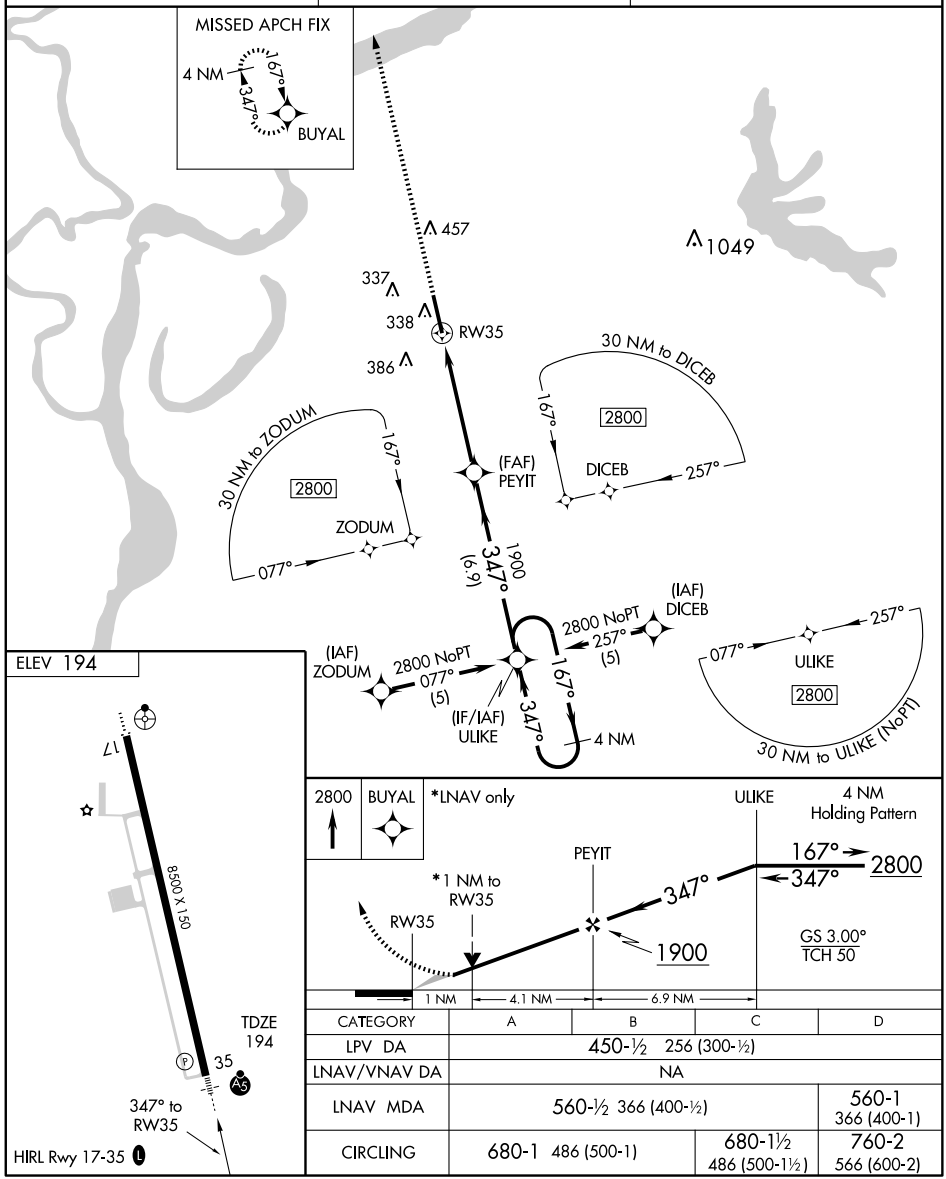
TUNICA MUNI (UTA)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Memphis altimeter setting and increase all DA/MDAs 100 feet. VDP NA when using Memphis altimeter setting.
For inoperative MALSR, increase LPV all Cats visibility to ¾ and LNAV Cat D visibility to 1¼.

MALSR

MISSED APPROACH: Climb to 2800 direct BUYAL and hold.

AWOS-3	MEMPHIS APP CON	UNICOM
118.075	119.1 291.6	123.0 (CTAF) L



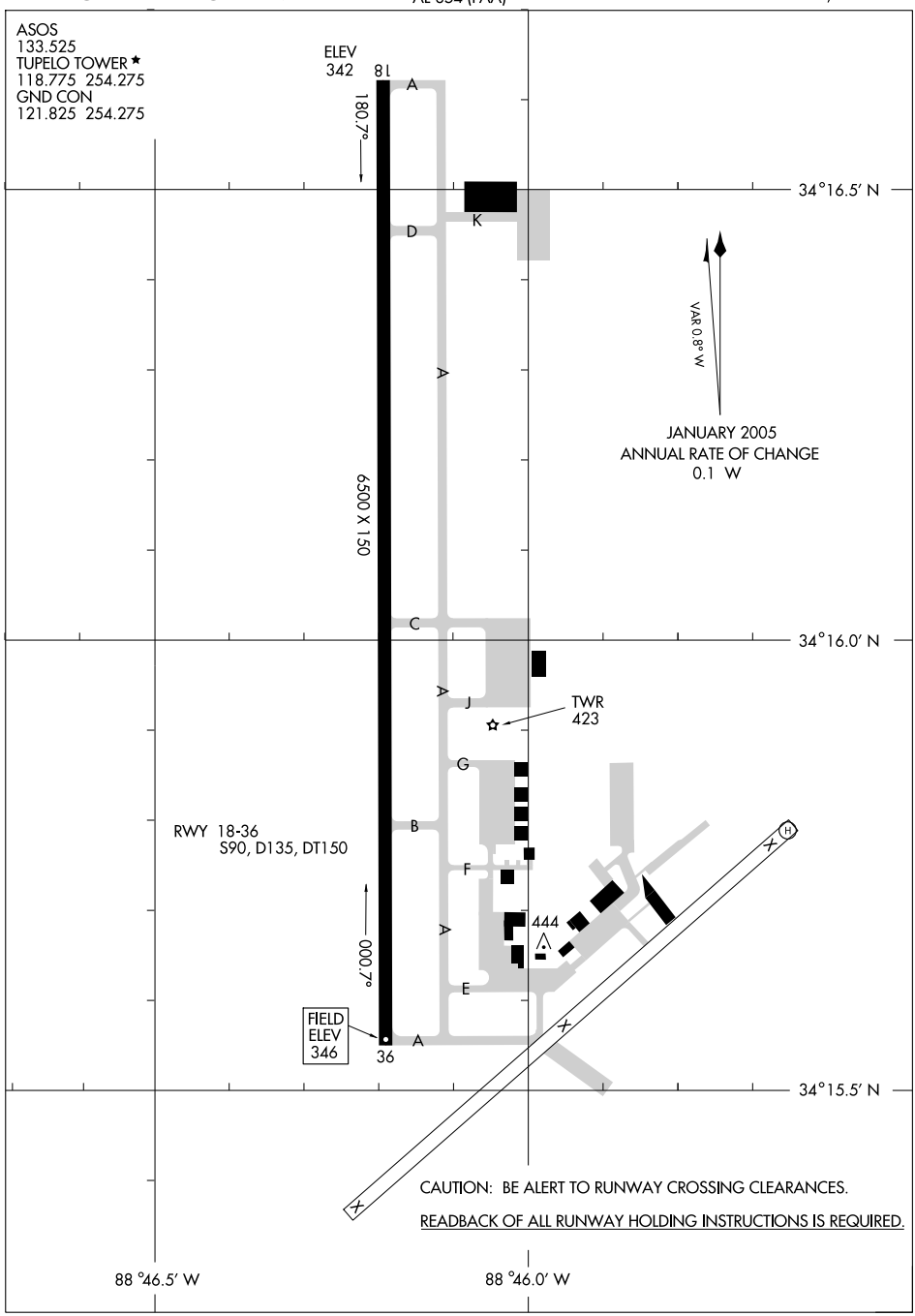
CATEGORY	A	B	C	D
LPV DA	450-½ 256 (300-½)			
LNAV/VNAV DA	NA			
LNAV MDA	560-½ 366 (400-½)			560-1 366 (400-1)
CIRCLING	680-1 486 (500-1)		680-1½ 486 (500-1½)	760-2 566 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-854 (FAA)

TUPELO RGNL (TUP)
TUPELO, MISSISSIPPI



SC-4, 17 DEC 2009 to 14 JAN 2010

COPTER VOR 061°

VOR/DME OTB	APCH CRS	Rwy Idg	N/A
109.8	061°	TDZE	N/A
Chan 35		Arpt Elev	346

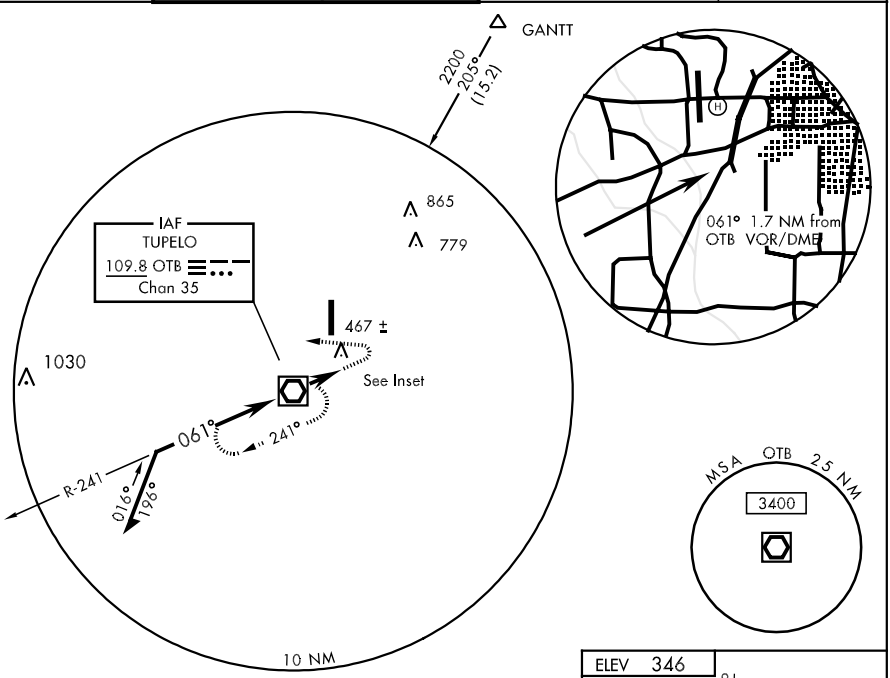
AL-854 [USA]

TUPELO REGIONAL (KTUP)

NA

MISSED APPROACH: Climbing left turn to 2200 direct to OTB VOR/DME and hold.

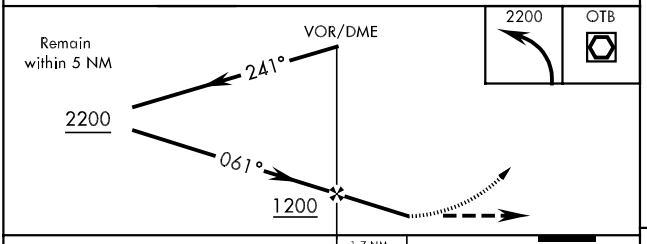
MEMPHIS CENTER	TUPELO TOWER ★	GND CON	ASOS
128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275	133.525

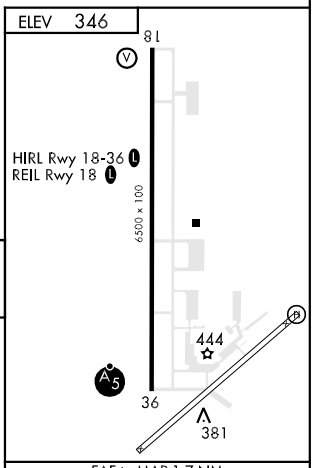


RADAR REQUIRED

COPTER ONLY

From MAP proceed visually Northeast along NATCHEZ TRACE PARKWAY to airport





CATEGORY	COPTER
H-061°	740-1 370 (400-1)

FAF to MAP 1.7 NM

Knots	45	60	75	90	105
Min:Sec	2:16	1:42	1:22	1:08	:59

LOC I-TUP	APP CRS	Rwy Idg	6500
108.5	359°	TDZE	346
Chan 22		Apt Elev	346

ILS or LOC RWY 36

TUPELO RGNL (TUP)

⚠ ADF or RADAR REQUIRED. When local altimeter setting not received, use Columbus AFB altimeter setting and increase all DA/MDA 120 feet, and increase S-LOC 36 Cats. C and D visibility ½ mile and Circling Cat. D ¼ mile. For inoperative MALSR when using Columbus AFB altimeter setting, increase S-ILS 36 all Cats. visibility ½ mile.

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2200 direct OTB VOR/DME and hold.

ASOS	MEMPHIS CENTER	TUPELO TOWER ★	GND CON
133.525	128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275

ADF or DME REQUIRED

1459

ICAVY HLI 38.9 — 2000 178° (16.4)

GANTT HAB 35 — 2000 199° (16.9)

695 865 774 600 486

TUPELO 109.8 OTB Chan 35

LOCALIZER 108.5 I-TUP Chan 22

MM 479± 754 681 770

R-241 061° 241°

LOM/IAF VERON 420 TU I-TUP 6

2000 235° (12)

2000 147° (3)

(IAF) CEVSI OTB 12

R-235

2000 NoPT OTB 12 Arc

359°

10 NM

2000 359° (9.3)

224° 044°

MSA TU 25 NM 3400

LR-179 179°

(IF) GAGYE OTB 12

ALTERNATE MISSED APCH FIX VERON 420 TU I-TUP 6 358° 178°

ELEV 346

HIRL Rwy 18-36 L

REIL Rwy 18 L

8L 424± 6500 X 150 TWR 423 444 TDZE 346 36 402±

359° 4.7 NM from FAF

1000 2200 OTB 109.8

VERNON LOM I-TUP 6

Remain within 10 NM

179° 1924 359° 2000 2000

I-TUP 1.3 I-TUP 2.3 MM

GS 3.00° TCH 55

0.4 0.6 3.7 NM

CATEGORY	A	B	C	D
S-ILS 36	546-½ 200 (200-½)			
S-LOC 36	740-½ 394 (400-½)			740-¾ 394 (400-¾)
CIRCLING	800-1 454 (500-1)		800-1½ 454 (500-1½)	900-2 554 (600-2)

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-4, 17 DEC 2009 to 14 JAN 2010

LOM TU	APP CRS	Rwy Idg	6500
420	358°	TDZE	346
		Apt Elev	346

NDB RWY 36

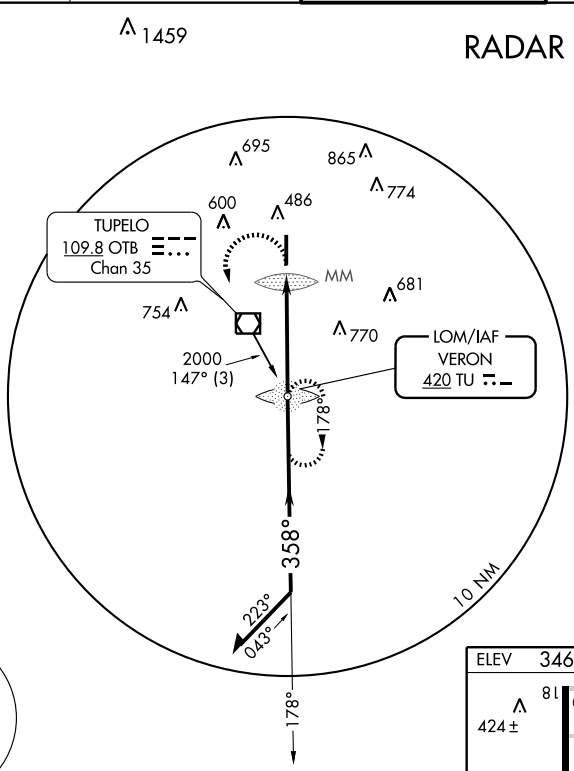
TUPELO RGNL (TUP)

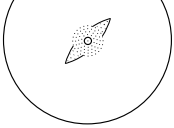
MALSR

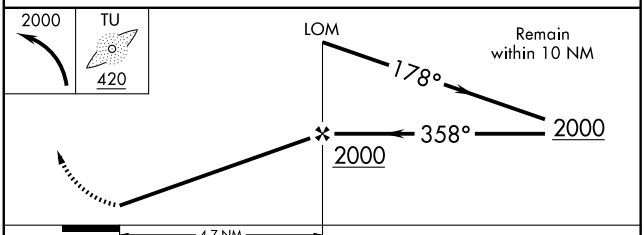
MISSED APPROACH: Climbing left turn to 2000 direct TU LOM and hold.

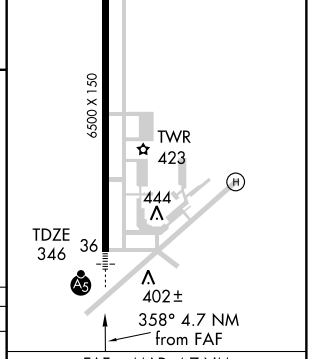
ASOS	MEMPHIS CENTER	TUPELO TOWER ★	GND CON
133.525	128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275

RADAR REQUIRED









FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D
S- 36	780-¾ 434 (500-¾)			780-1¼ 434 (500-1¼)
CIRCLING	800-1 454 (500-1)		800-1½ 454 (500-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6500
CH 77712	179°	TDZE	344
W18A		Apt Elev	346

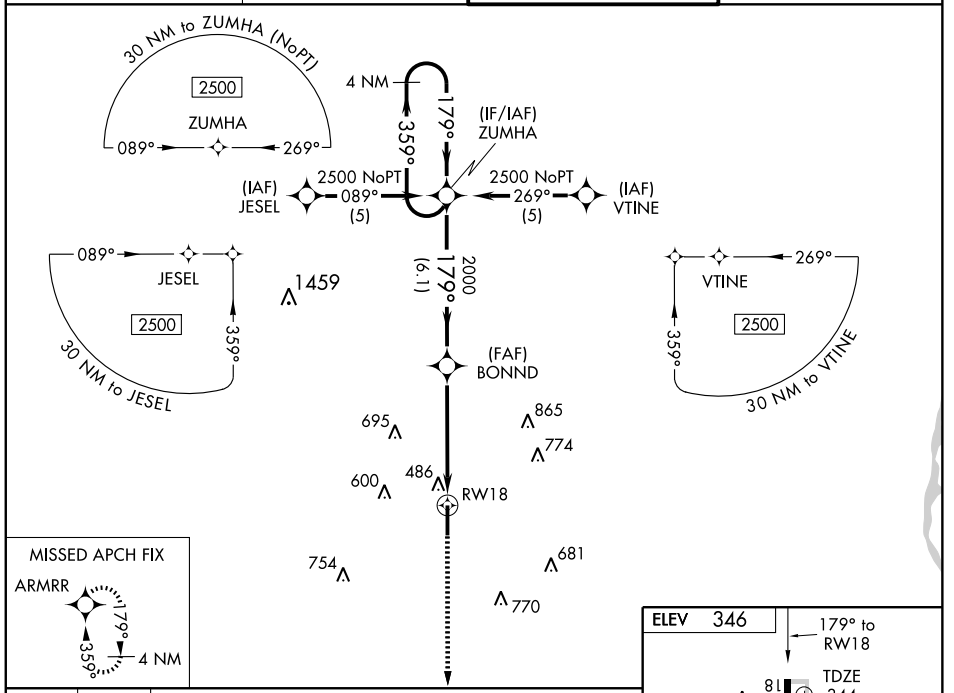
RNAV (GPS) RWY 18

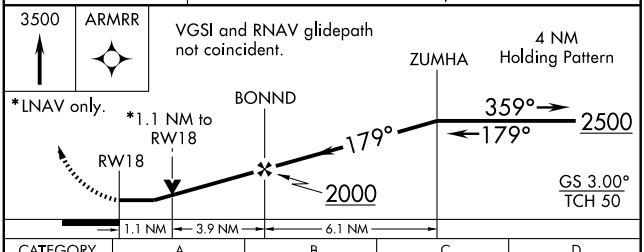
TUPELO RGNL (TUP)

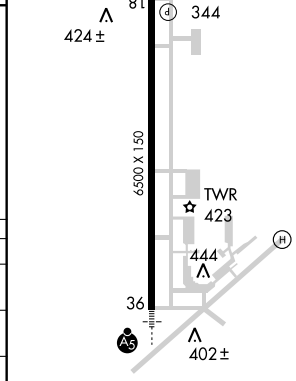
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Columbus AFB altimeter setting and increase all DA/MDA 120 feet. Increase LPV all Cats. visibility ½ mile, LNAV/VNAV all Cats. ¼ mile, LNAV Cat. C ½ mile, Cat. D ¼ mile and Circling Cat. D ¼ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Baro VNAV and VDP NA when using Columbus AFB altimeter setting.

MISSED APPROACH: Climb to 3500 direct ARMRR and hold, continue climb-in-hold to 3500.

ASOS	MEMPHIS CENTER	TUPELO TOWER*	GND CON
133.525	128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275







CATEGORY	A	B	C	D
LPV DA	634-1 290 (300-1)			
LNAV/VNAV DA	757-1½ 413 (500-1½)			
LNAV MDA	740-1 396 (400-1)			740-1¼ 396 (400-1¼)
CIRCLING	800-1 454 (500-1)		800-1½ 454 (500-1½)	900-2 554 (600-2)

HIRL Rwy 18-36 L
REIL Rwy 18 L

SC-4, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93712 W36A	APP CRS 359°	Rwy Idg 6500 TDZE 346 Apt Elev 346

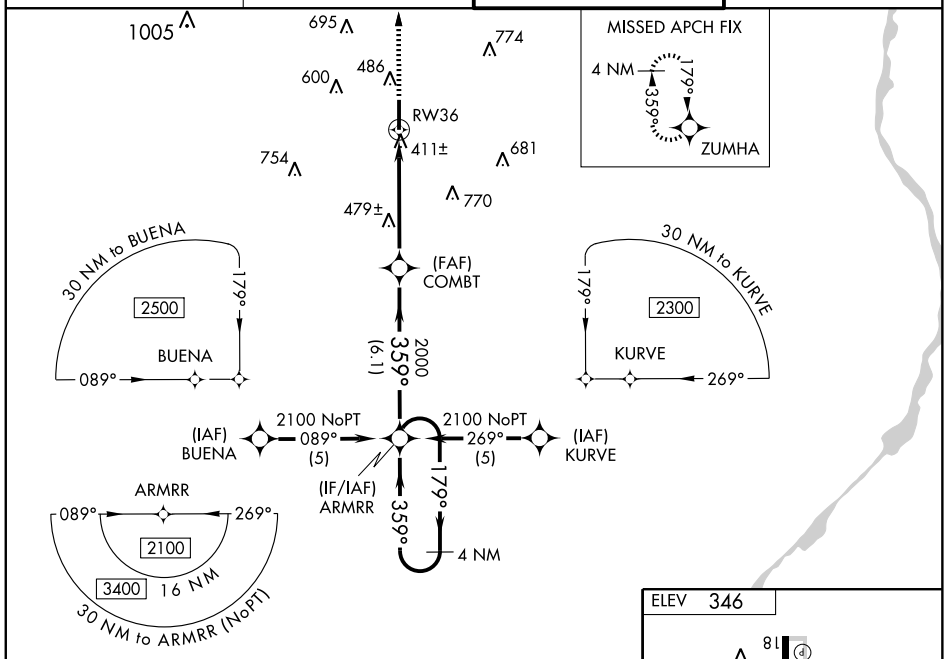
RNAV (GPS) RWY 36
TUPELO RGNL (TUP)

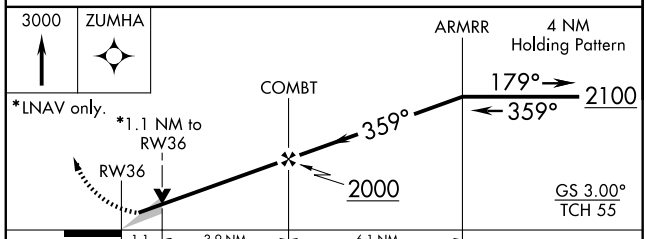
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Columbus AFB altimeter setting and increase all DA/MDA 120 feet. Increase LNAV/VNAV all Cats. visibility ¼ mile, LNAV Cat. C ½ mile, Cat. D ¼ mile and Circling Cat. D ¼ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Baro-VNAV and VDP NA when using Columbus AFB altimeter setting. For inoperative MALSR when using Columbus AFB altimeter setting, increase LPV all Cats. visibility ½ mile, and LNAV Cat. D visibility ¼ mile.

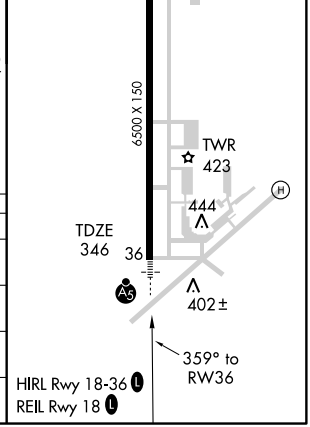
MALSR

MISSED APPROACH: Climb to 3000 direct ZUMHA and hold.

ASOS	MEMPHIS CENTER	TUPELO TOWER *	GND CON
133.525	128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275







CATEGORY	A	B	C	D
LPV DA	546-½ 200 (200-½)			
LNAV/VNAV DA	692-¾ 346 (400-¾)			
LNAV MDA	740-½ 394 (400-½)			740-1 394 (400-1)
CIRCLING	800-1 454 (500-1)		800-1½ 454 (500-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

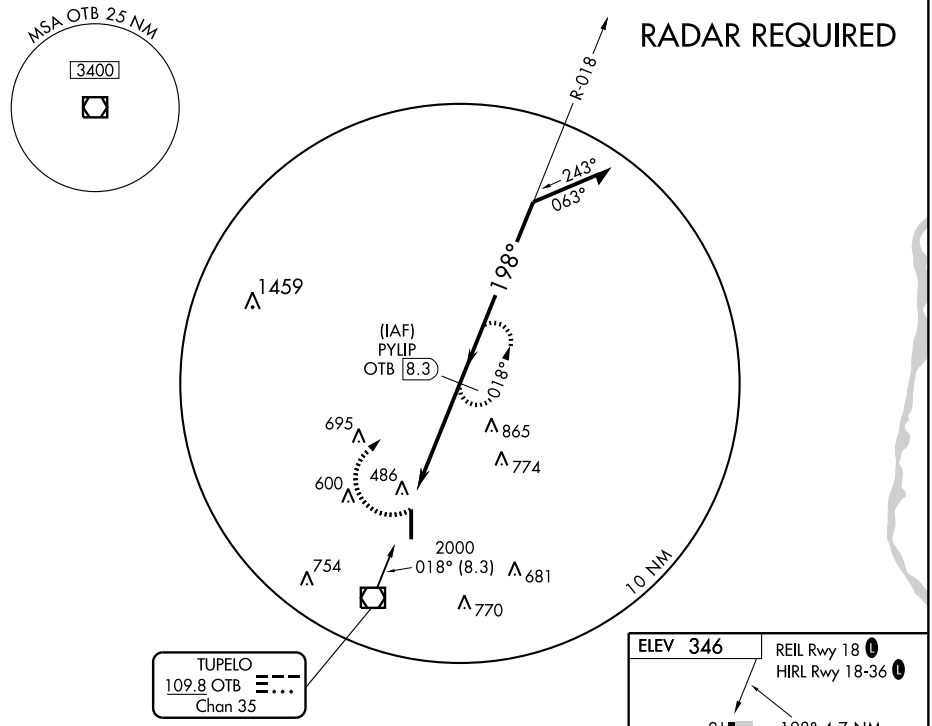
VOR/DME OTB 109.8 Chan 35	APP CRS 198°	Rwy Idg 6500 TDZE 345 Apt Elev 346

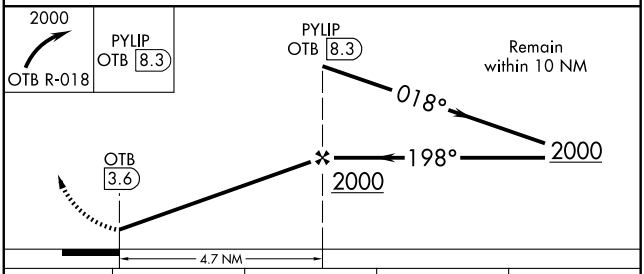
VOR/DME RWY 18

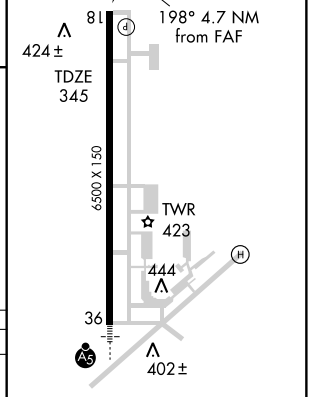
TUPELO RGNL (TUP)

MISSED APPROACH: Climbing right turn to 2000 via OTB R-018 to PYLIP 8.3 DME and hold.

ASOS	MEMPLEX CENTER	TUPELO TOWER ★	GND CON
133.525	128.5 279.55	118.775 (CTAF) L 254.275	121.825 254.275







CATEGORY	A	B	C	D
S-18	740-1 395 (400-1)			740-1¼ 395 (400-1¼)
CIRCLING	800-1 454 (500-1)		800-1½ 454 (500-1½)	900-2 554 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

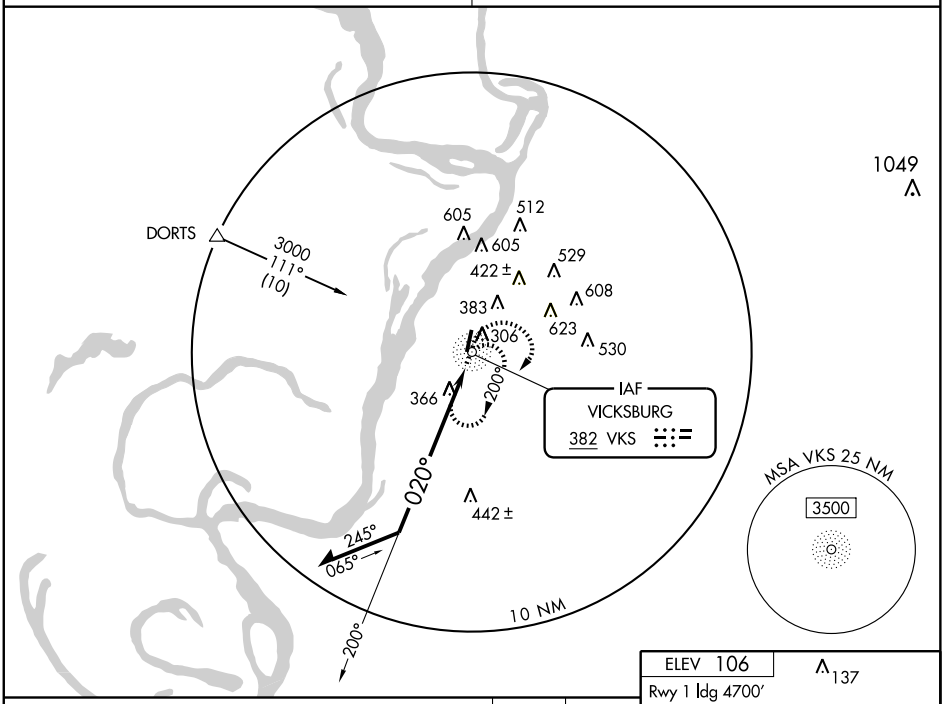
NDB VKS	APP CRS	Rwy Idg	4700
382	020°	TDZE	103
		Apt Elev	106

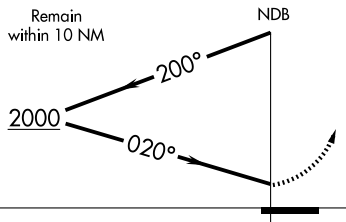
NDB RWY 1
VICKSBURG MUNI (VKS)

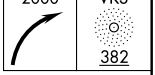
Obtain local altimeter setting on CTAF; when not received, use Vicksburg Tallulah Regional altimeter setting.

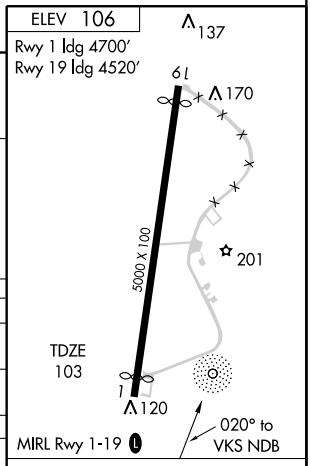
MISSED APPROACH: Climbing right turn to 2000 in VKS NDB holding pattern.

MEMPHIS CENTER	UNICOM
132.5 259.1	122.8 (CTAF) L









CATEGORY	A	B	C	D
S-1	800-1	697 (700-1)	800-2 697 (700-2)	800-2¼ 697 (700-2¼)
CIRCLING	800-1	694 (700-1)	800-2 694 (700-2)	1060-3 954 (1000-3)
VICKSBURG TALLULAH REGIONAL ALTIMETER SETTING MINIMUMS				
S-1	820-1	717 (800-1)	820-2 717 (800-2)	820-2¼ 717 (800-2¼)
CIRCLING	820-1	714 (800-1)	820-2 714 (800-2)	1100-3 994 (1000-3)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4700
005°	TDZE	103
	Apt Elev	106

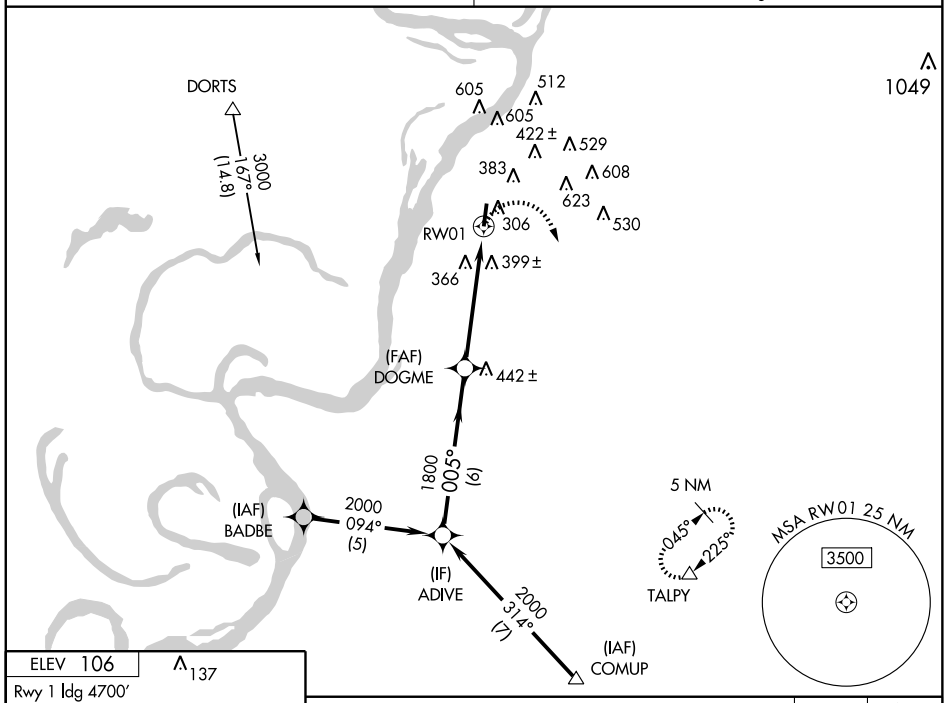
RNAV (GPS) RWY 1
VICKSBURG MUNI (VKS)

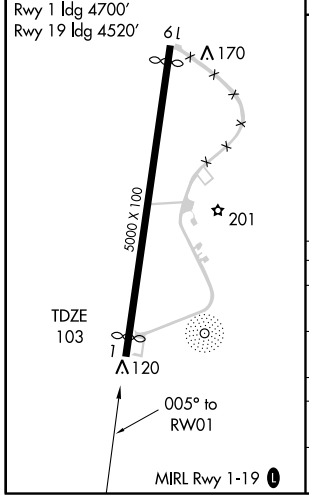
DME/DME RNP-0.3 NA. VDP NA when using Vicksburg Tallulah Regional altimeter setting. Obtain local altimeter setting on CTAF; when not received, use Vicksburg Tallulah Regional altimeter setting.

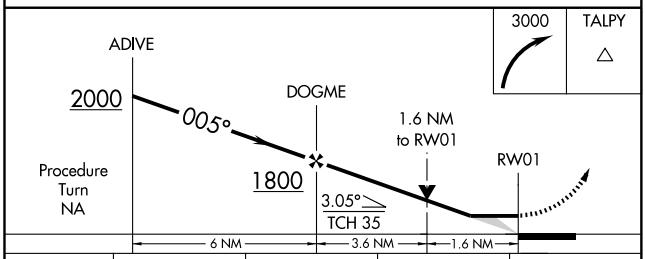
NA

MISSED APPROACH: Climbing right turn to 3000 direct TALPY and hold.

MEMPHIS CENTER	UNICOM
132.5 259.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	660-1	557 (600-1)	660-1½ 557 (600-1½)	660-1¾ 557 (600-1¾)
CIRCLING	700-1	594 (600-1)	700-1½ 594 (600-1½)	1060-3 954 (1000-3)
VICKSBURG TALLULAH REGIONAL ALTIMETER SETTING MINIMUMS				
LNAV MDA	680-1	577 (600-1)	680-1½ 577 (600-1½)	680-1¾ 577 (600-1¾)
CIRCLING	740-1	634 (700-1)	740-1¾ 634 (700-1¾)	1100-3 994 (1000-3)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3458
180°	TDZE	205
	Apt Elev	205

RNAV (GPS) RWY 18

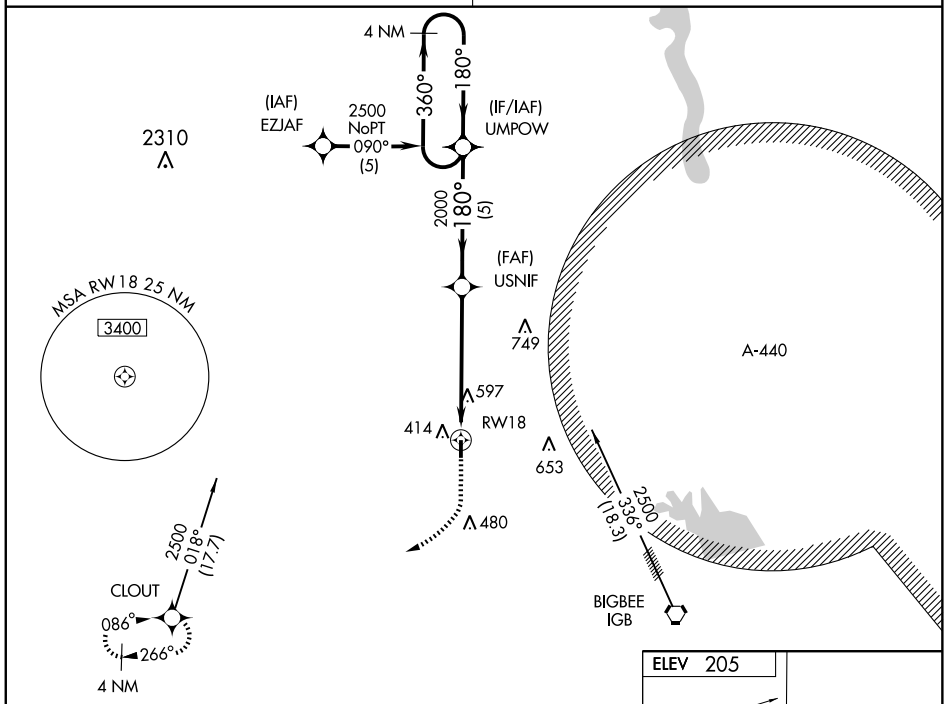
WEST POINT/MCCHAREN FIELD (M83)

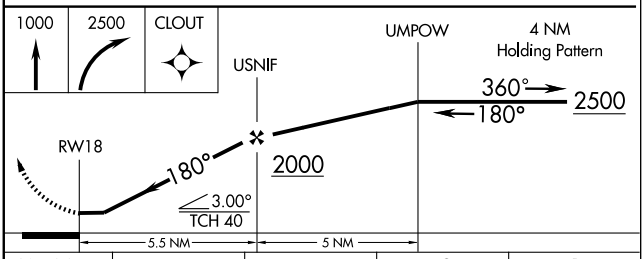
Use Columbus AFB altimeter setting.
GPS or RNP-0.3 required.
NA DME/DME RNP-0.3 NA.

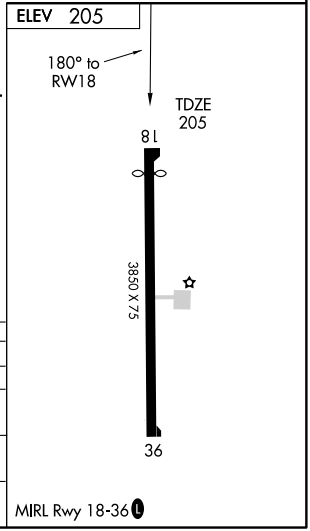
MISSED APPROACH: Climb to 1000 then climbing right turn to 2500 direct CLOUT and hold.

COLUMBUS APP CON★ 135.6 323.275

CTAF 122.9 L







MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	980-1 *775 (800-1)*	980-1¼ *775 (800-1¼)*	980-2½ *775 (800-2½)*	NA
CIRCLING	980-1 *775 (800-1)*	1020-1¼ *815 (900-1¼)*	1020-2½ *815 (900-2½)*	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3850
360°	TDZE	203
	Apt Elev	205

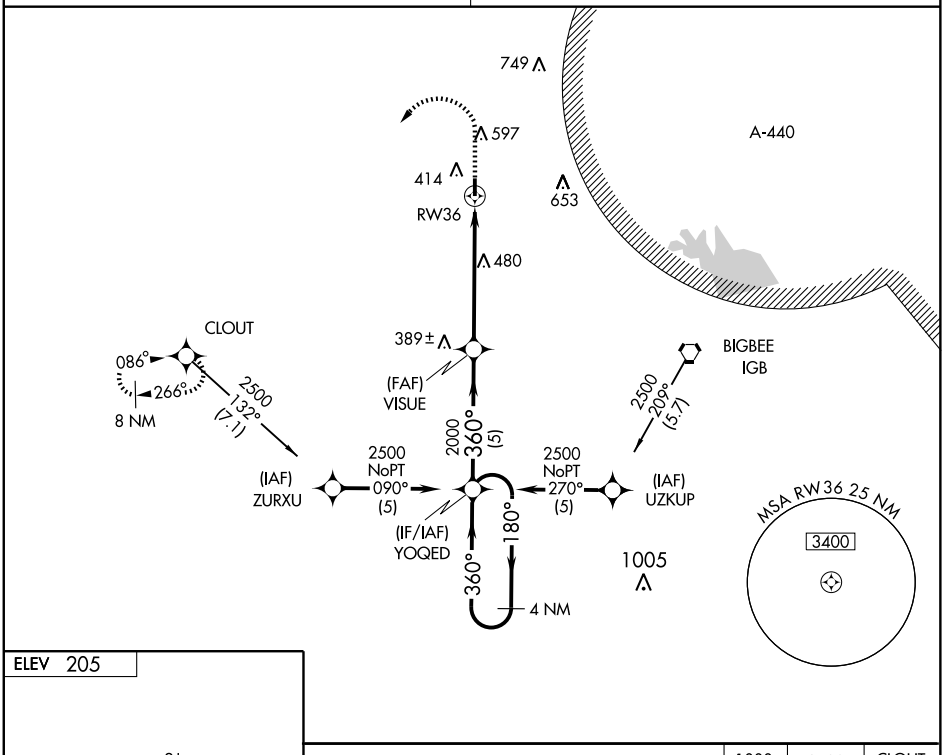
RNAV (GPS) RWY 36

WEST POINT/MCCHAREN FIELD (M83)

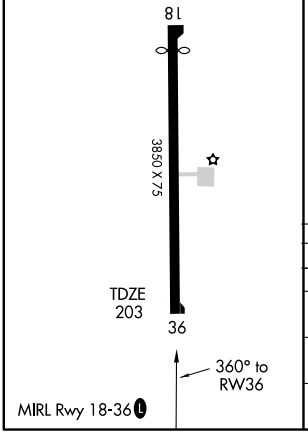
Use Columbus AFB altimeter setting.
NA DME/DME RNP-0.3 NA.

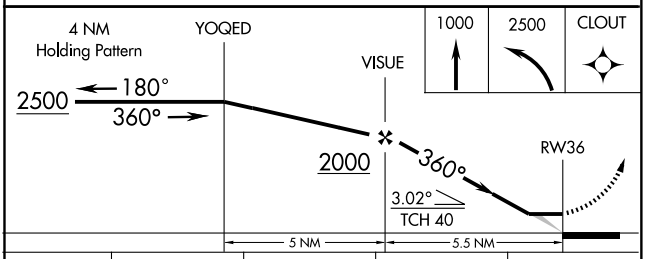
MISSED APPROACH: Climb to 1000 then climbing left turn to 2500 direct CLOUT and hold.

COLUMBUS APP CON ★	CTAF
135.6 323.275	122.9 L



ELEV 205





CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/ VNAV DA	NA			
LNAV MDA	760-1 557 (600-1)		760-1½ 557 (600-1½)	NA
CIRCLING	920-1 715 (800-1)	1020-1¼ 815 (900-1¼)	1020-2½ 815 (900-2½)	NA

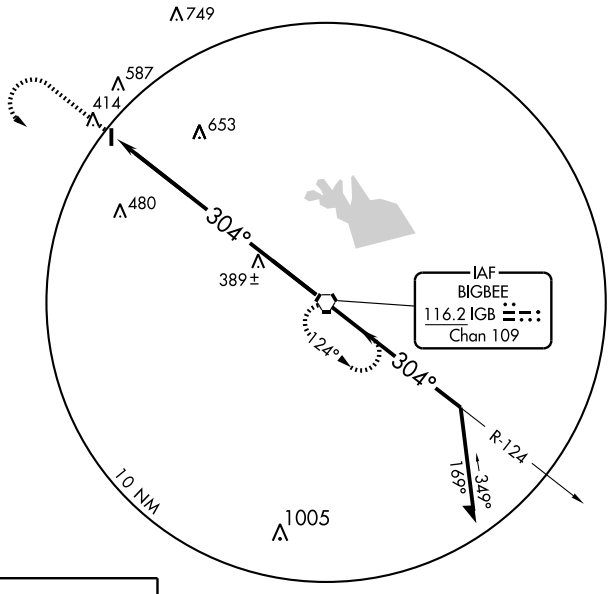
SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC IGB 116.2 Chan 109	APP CRS 304°	Rwy Idg N/A TDZE N/A Apt Elev 205

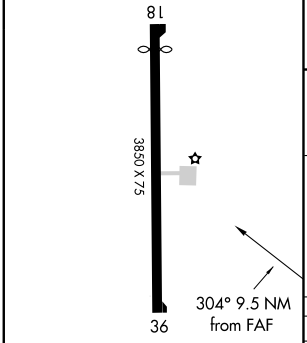
VOR-A

WEST POINT/MCCHAREN FIELD (M83)

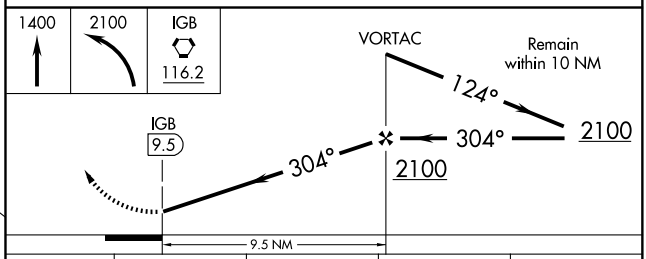
▼ NA Obtain local altimeter setting on CTAF; when not received, use Golden Triangle Rgnl altimeter setting.	MISSED APPROACH: Climb to 1400 then climbing left turn to 2100 direct IGB VORTAC and hold.
COLUMBUS APP CON ★ 135.6 323.275	CTAF 122.9 L







MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
CIRCLING	1000-1 795 (800-1)	1000-1¼ 795 (800-1¼)	1000-2¼ 795 (800-2¼)	NA
GOLDEN TRIANGLE RGNL ALTIMETER SETTING MINIMUMS				
CIRCLING	1040-1 835 (900-1)	1040-1¼ 835 (900-1¼)	1040-2½ 835 (900-2½)	NA

FAF to MAP 9.5 NM					
Knots	60	90	120	150	180
Min:Sec	9:30	6:20	4:45	3:48	3:10

SC-4, 17 DEC 2009 to 14 JAN 2010

VORTAC IGB 116.2 Chan 109	APP CRS 124°	Rwy Idg N/A TDZE N/A Apt Elev 205

VOR/DME-B

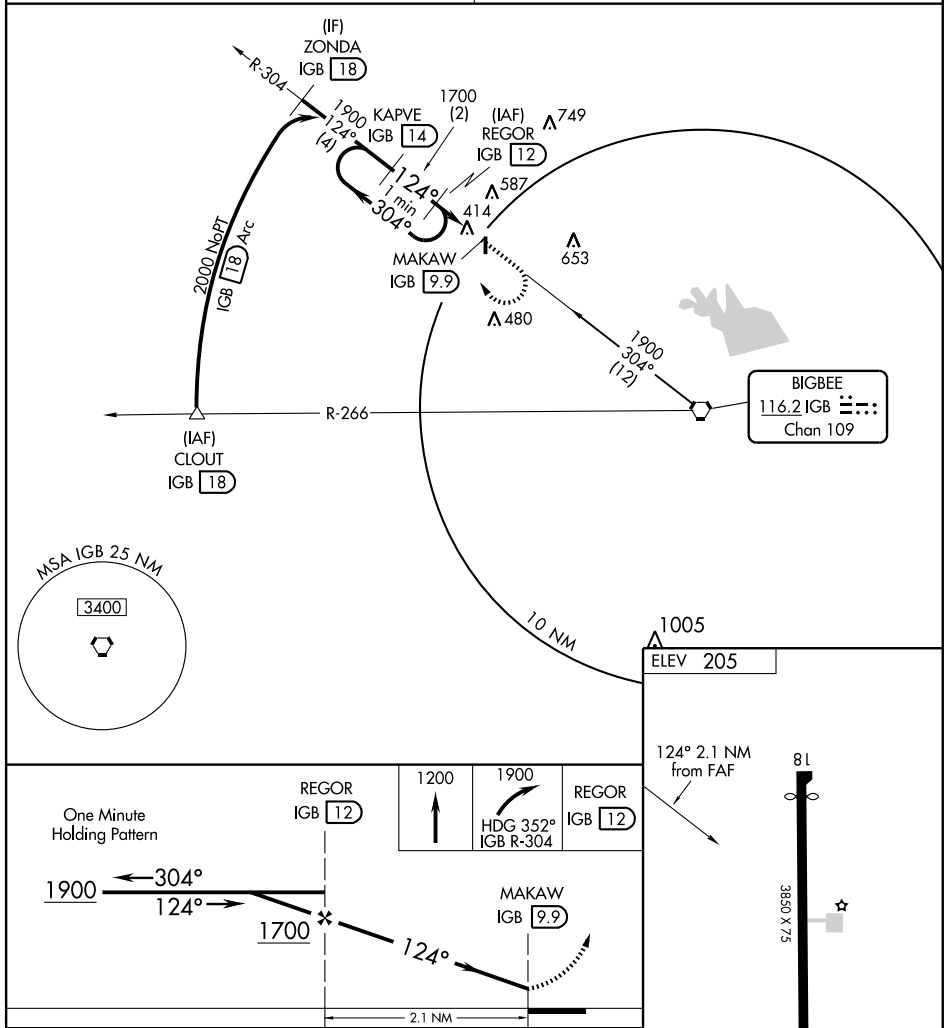
WEST POINT/MCCHAREN FIELD (M83)

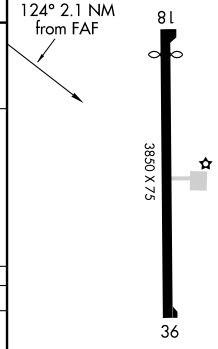
▼ Obtain local altimeter setting on CTAF; when not received, use Golden Triangle Rgnl altimeter setting.
NA

MISSED APPROACH: Climb to 1200 then climbing right turn to 1900 heading 352° and via IGB R-304 to REGOR IGB 12 DME and hold.

COLUMBUS APP CON ★ 135.6 323.275

CTAF 122.9 (L)





CATEGORY	A	B	C	D
CIRCLING	880-1 675 (700-1)	900-1 695 (700-1)	900-2 695 (700-2)	NA
GOLDEN TRIANGLE RGNL ALTIMETER SETTING MINIMUMS				
CIRCLING	920-1 715 (800-1)		920-2 715 (800-2)	NA

MIRL Rwy 18-36 (L)

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
030°	TDZE	360
	Apt Elev	364

RNAV (GPS) RWY 3

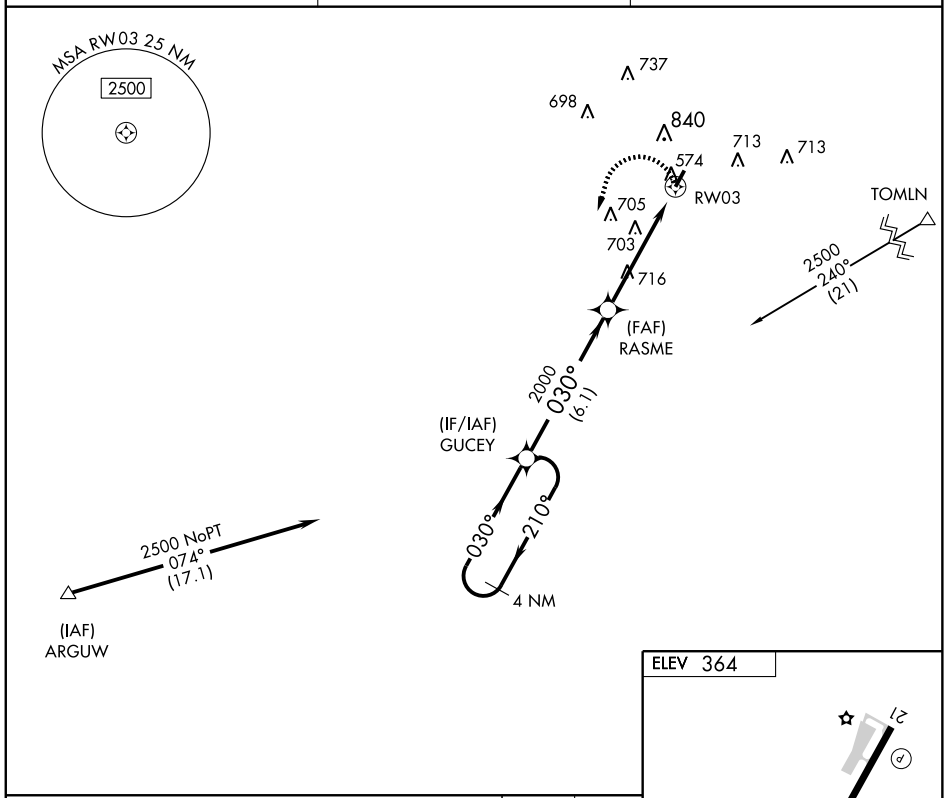
WINONA-MONTGOMERY COUNTY (5A6)

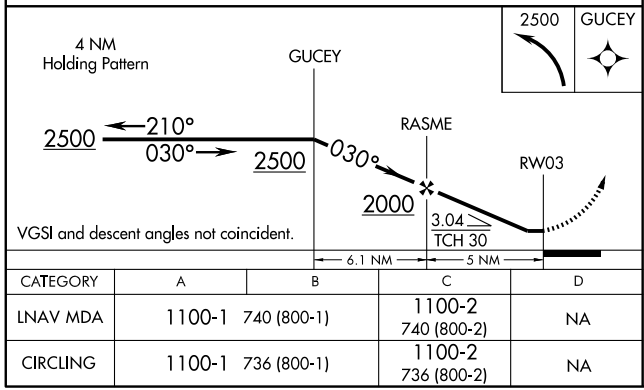
Use Grenada altimeter setting, when not received use Greenwood altimeter setting. Visibility reduction by helicopters NA. Procedure NA at night. Circling NA NW of Rwy 3-21.

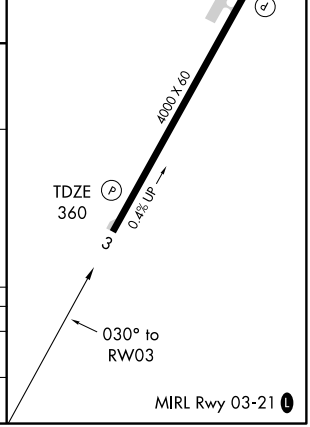
NA

MISSED APPROACH: Climbing left turn to 2500 direct GUCEY and hold.

GRENADA AWOS	MEMPHIS CENTER	CTAF
118.025	128.5 279.55	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1100-1 740 (800-1)		1100-2 740 (800-2)	NA
CIRCLING	1100-1 736 (800-1)		1100-2 736 (800-2)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
210°	TDZE	364
	Apt Elev	364

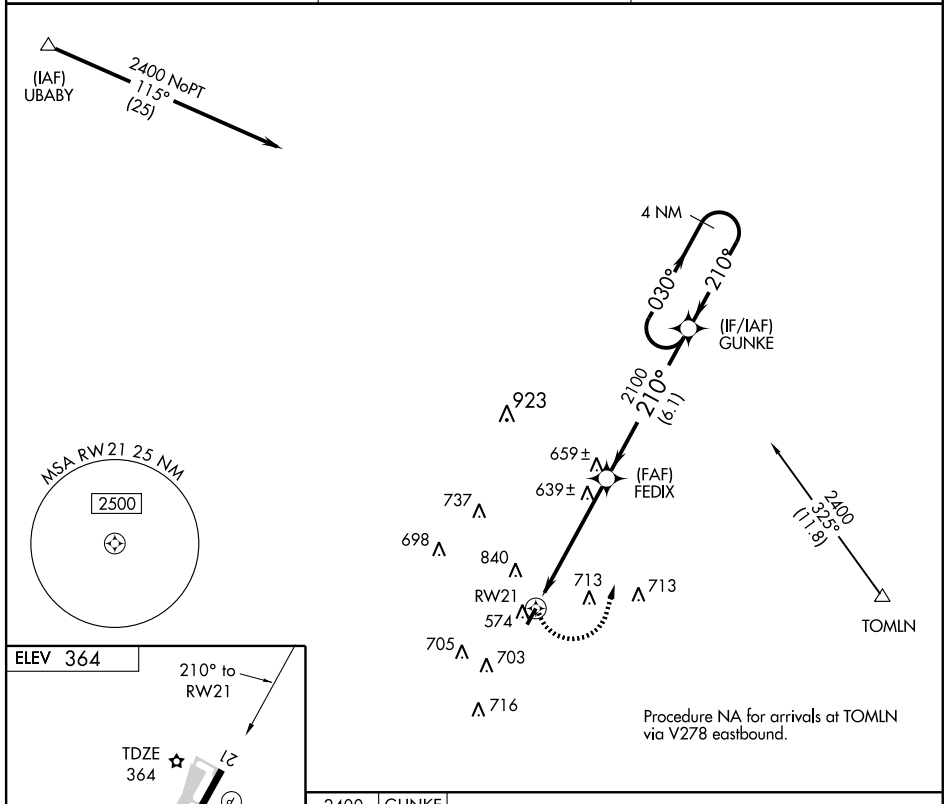
RNAV (GPS) RWY 21

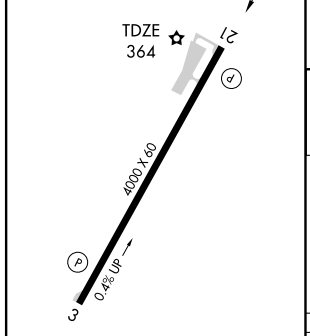
WINONA-MONTGOMERY COUNTY (5A6)

Use Grenada altimeter setting, when not received use Greenwood altimeter setting. Visibility reduction by helicopters NA. Procedure NA at night. Circling NA NW of Rwy 3-21.

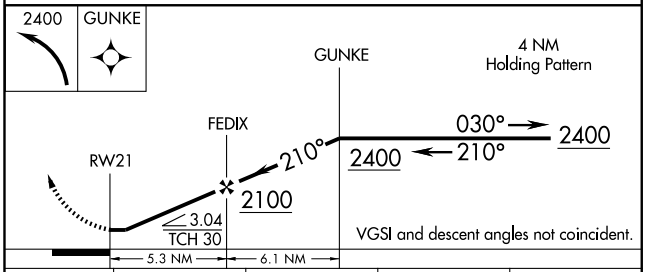
MISSED APPROACH: Climbing left turn to 2400 direct GUNKE and hold.

GRENADA AWOS	MEMPHIS CENTER	CTAF
118.025	128.5 279.55	122.9 L





MIRL Rwy 03-21 L



CATEGORY	A	B	C	D
LNAV MDA	980-1	616 (700-1)	980-1¾ 616 (700-1¾)	NA
CIRCLING	980-1	616 (700-1)	980-1¾ 616 (700-1¾)	NA

APP CRS	Rwy Idg	5000
172°	TDZE	104
	Apt Elev	104

AL-6977 (FAA)

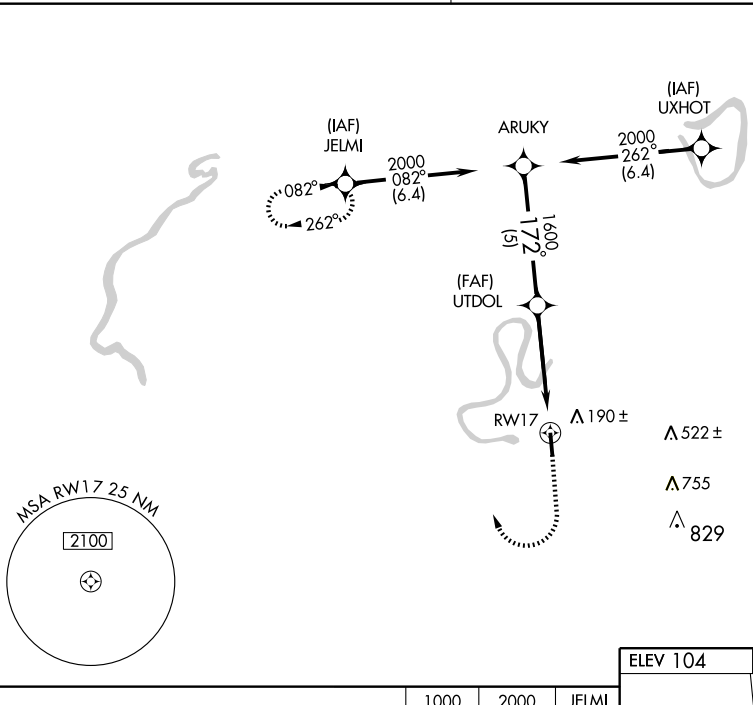
GPS RWY 17

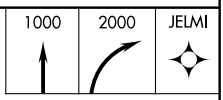
YAZOO COUNTY (87I)

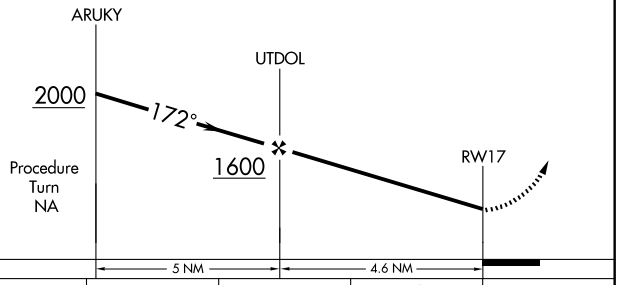
NA Use Jackson altimeter setting.

MISSED APPROACH: Climb to 1000, then climbing right turn to 2000 direct JELMI WP and hold.

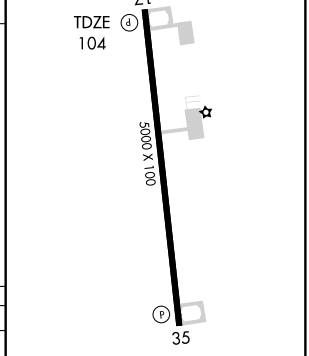
MEMPHIS CENTER	UNICOM
132.5 259.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	600-1 496 (500-1)		600-1¼ 496 (500-1¼)	NA
CIRCLING	640-1 536 (600-1)		640-1½ 536 (600-1½)	NA



MIRL Rwy 17-35 L

SC-4, 17 DEC 2009 to 14 JAN 2010

YAZOO CITY, MISSISSIPPI

APP CRS	Rwy Idg	5000
352°	TDZE	104
	Apt Elev	104

AL-6977 (FAA)

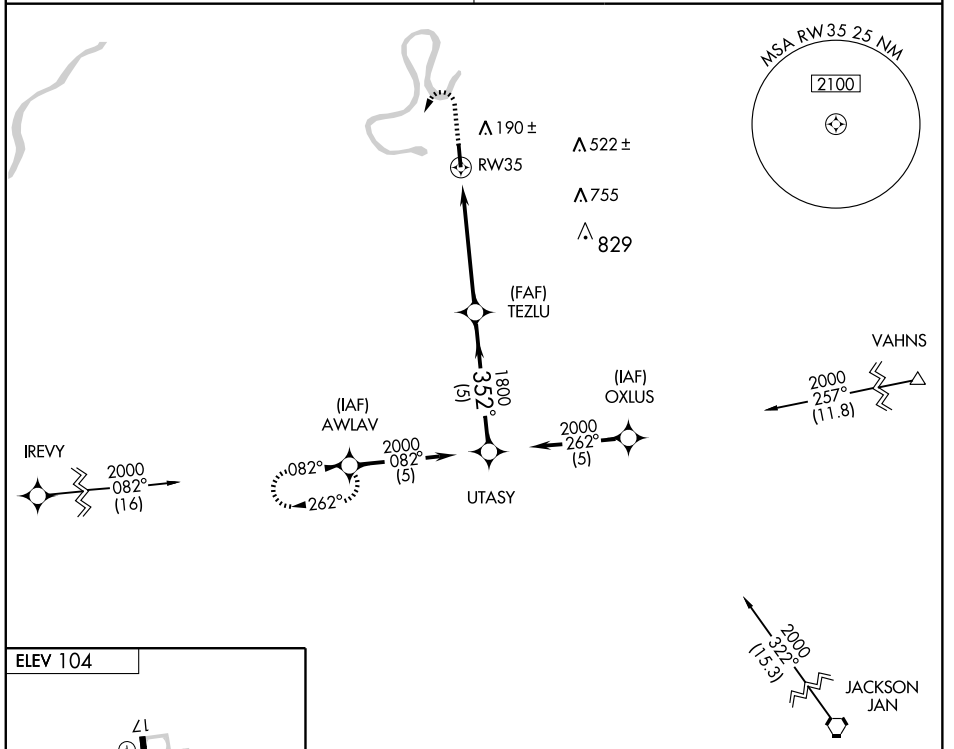
GPS RWY 35

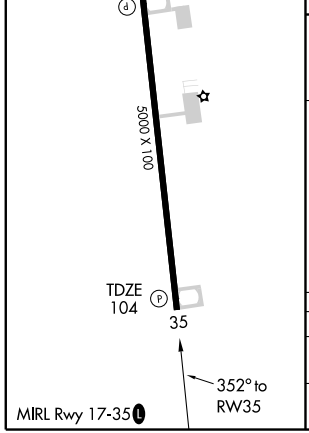
YAZOO COUNTY (87I)

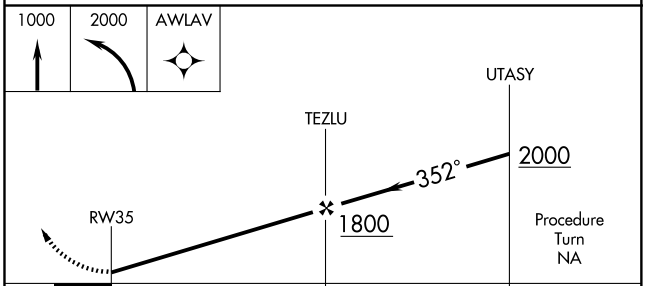
NA Use Jackson altimeter setting.

MISSED APPROACH: Climb to 1000, then climbing left turn to 2000 direct AWLAV WP and hold.

MEMPHIS CENTER	UNICOM
132.5 259.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	780-1 676 (700-1)		780-2 676 (700-2)	NA
CIRCLING	780-1 676 (700-1)		780-2 676 (700-2)	NA

SC-4, 17 DEC 2009 to 14 JAN 2010

YAZOO CITY, MISSISSIPPI

VORTAC JAN	APP CRS	Rwy Idg	5000
112.6	141°	TDZE	104
Chan 73		Apt Elev	104

AL-6977 (FAA)

VOR/DME RWY 17

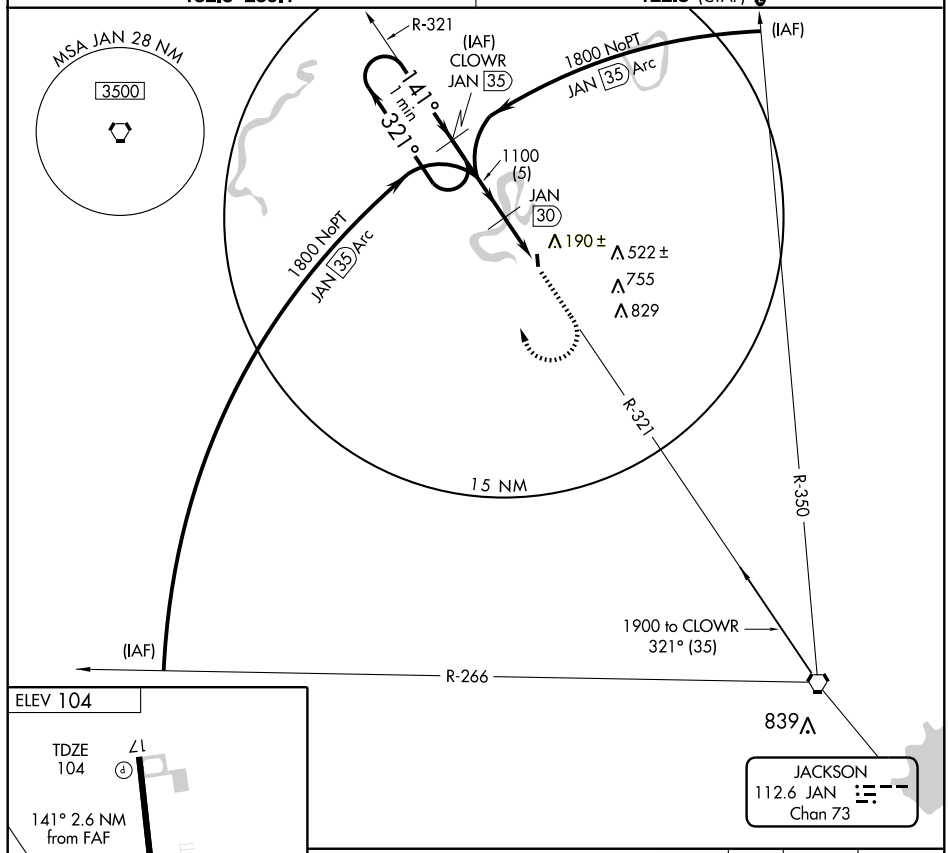
YAZOO COUNTY (87I)

NA Use Jackson altimeter setting.

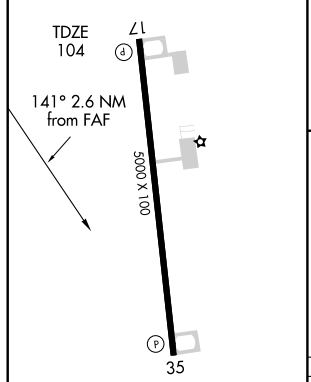
MISSED APPROACH: Climb to 1000 then climbing right turn to 1800 via JAN R-321 to CLOWR 35 DME and hold.

MEMPHIS CENTER
132.5 259.1

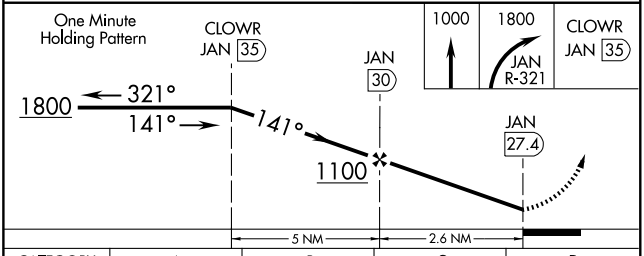
UNICOM
122.8 (CTAF) L



ELEV 104



MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
S-17	700-1 596 (600-1)	700-1¼ 596 (600-1¼)	700-1½ 596 (600-1½)	700-2 596 (600-2)
CIRCLING	700-1 596 (600-1)	700-1¼ 596 (600-1¼)	700-1½ 596 (600-1½)	700-2 596 (600-2)

SC-4, 17 DEC 2009 to 14 JAN 2010

YAZOO CITY, MISSISSIPPI

VORTAC JAN	APP CRS	Rwy Idg	5000
112.6	321°	TDZE	104
Chan 73		Apt Elev	104

AL-6977 (FAA)

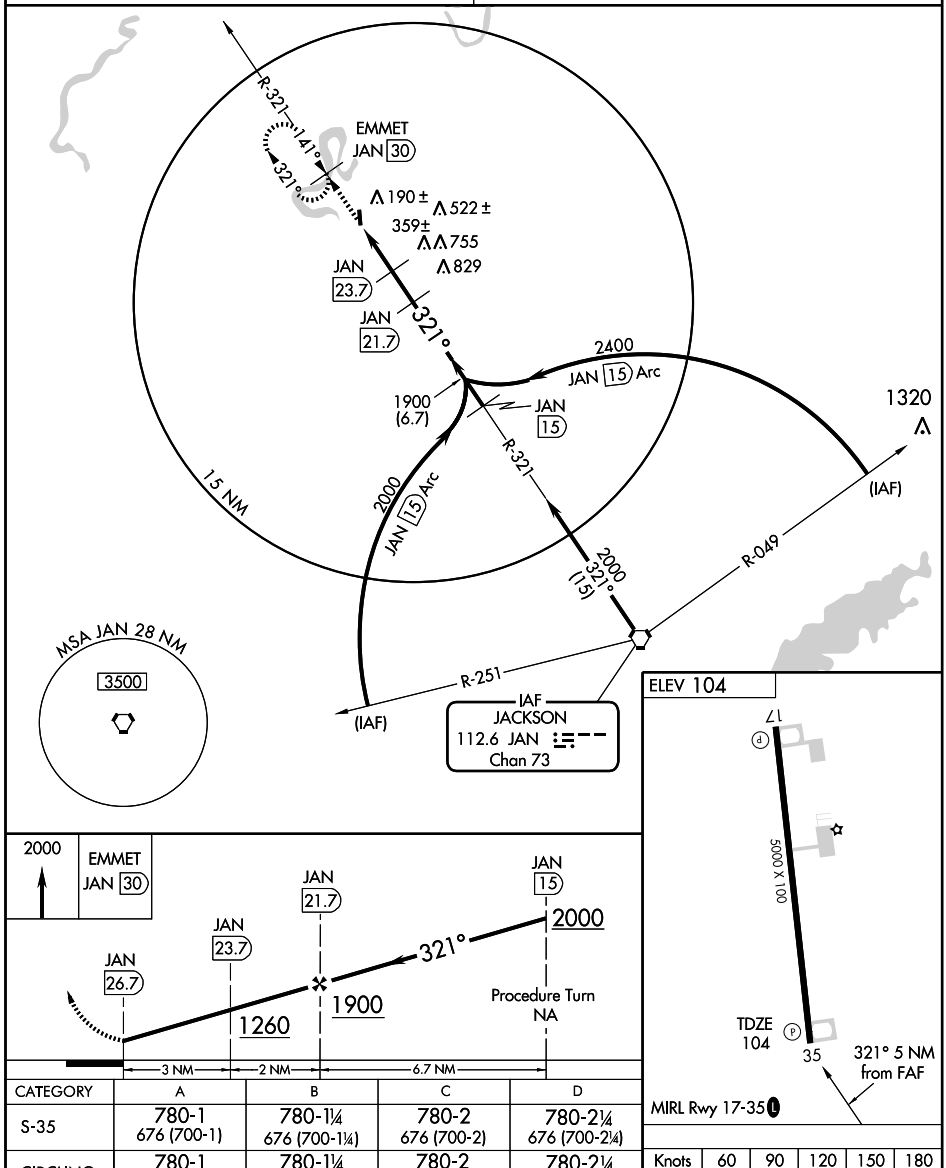
VOR/DME RWY 35

YAZOO COUNTY (87I)

NA Use Jackson altimeter setting.

MISSED APPROACH: Climb to 2000 direct EMMET 30 DME and hold.

MEMPHIS CENTER	UNICOM
132.5 259.1	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-35	780-1 676 (700-1)	780-1¼ 676 (700-1¼)	780-2 676 (700-2)	780-2¼ 676 (700-2¼)
CIRCLING	780-1 676 (700-1)	780-1¼ 676 (700-1¼)	780-2 676 (700-2)	780-2¼ 676 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-4, 17 DEC 2009 to 14 JAN 2010

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ADA, OK

ADA MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

ALTUS, OK

ALTUS/QUARTZ
MOUNTAIN RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR-A
VOR-B[1]
NA when local weather not available.
[1]NA when KLTS ATCT closed.

ARDMORE, OK

ARDMORE MUNI ..... **ILS or LOC Rwy 31**[13]
VOR-B[2]
[1]ILS,Category B, 700-2; Category C, 800-2; Category D, 800-2½. LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when control tower closed.

BARTLESVILLE, OK

BARTLESVILLE MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR/DME Rwy 35
NA when local weather not available.
Category D, 800-2¼.

BATESVILLE, AR

BATESVILLE RGNL ..... **RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BLYTHEVILLE, AR

ARKANSAS INTL ..... **ILS Rwy 18**
VOR Rwy 18
VOR Rwy 36
NA when using Blytheville Muni altimeter setting.

BLYTHEVILLE MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

CLAREMORE, OK

CLAREMORE RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

CLINTON, OK

CLINTON-SHERMAN ..... **ILS Rwy or LOC 17R**[1]
VOR Rwy 35L[2]
NA when control tower closed.
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¾.
[2]Category E, 800-2¾.

CLINTON RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME-A
NA when local weather not available.

CUSHING, OK

CUSHING MUNI ..... **NDB Rwy 36**
RNAV (GPS) Rwy 36
NA when local weather not available.

DEQUEEN, AR

J. LYNN HELMS
SEVIER COUNTY ..... **RNAV (GPS) Rwy 8**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD ..... **VOR Rwy 22**

NA when control zone not in effect.

EL RENO, OK

EL RENO RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME Rwy 35

NA when local weather not available.

ENID, OK

ENID
WOODRING RGNL ..... **ILS or LOC Rwy 35[1]**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR Rwy 35

NA when local weather not available.
[1]NA when control tower closed.

FAYETTEVILLE, AR

DRAKE FIELD ..... **LDA/DME Rwy 34[1 3 4]**
LOC Rwy 16[2 3]
RNAV (GPS) Rwy 16[2 4]
RNAV (GPS) Rwy 34[4 5]
VOR-A[2 4]
VOR/DME-B[2]

[1]LDA/GS,Category A,B, 800-2; Category C, 800-2½. LDA, Category C, 800-2½.
[2]Category C, 800-2¼; Category D, 1100-3.
[3]NA when control tower closed.
[4]NA when local weather not available.
[5]Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1100-3.

FAYETTEVILLE/SPRINGDALE/ ROGERS, AR

NORTHWEST ARKANSAS RGNL .... **ILS or LOC/DME Rwy 16**
ILS or LOC/DME Rwy 34
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

FLIPPIN, AR

MARION COUNTY RGNL ..... **RNAV (GPS) Rwy 4[1]**
RNAV (GPS) Rwy 22
VOR-A

NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2½.

NAME ALTERNATE MINIMUMS

FORT SMITH, AR

FORT SMITH RGNL ..... **ILS or LOC Rwy 7[1]**
ILS or LOC Rwy 25[1]
NDB Rwy 25[2]
RADAR-1[3]
RNAV (GPS) Rwy 1[2 4]
VOR/DME or TACAN Rwy 7[3]
VOR or TACAN Rwy 25[3]

NA when control tower closed.
[1]ILS, Categories A,B,C, 700-2; Category D, 700-2¼; Category E, 800-2½. LOC, Category D, 800-2¼; Category E, 800-2½.
[2]Category D, 800-2¼.
[3]Category D, 800-2¼; Category E, 800-2½.
[4]NA when local weather not available.

GUTHRIE, OK

GUTHRIE-EDMOND RGNL ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34

NA when local weather not available.

HARRISON, AR

BOONE COUNTY ..... **RNAV (GPS) Rwy 36**

NA when local weather not available.

HOBART, OK

HOBART RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 35

NA when local weather not available.

HOT SPRINGS, AR

MEMORIAL FIELD ..... **VOR Rwy 5[1]**
ZAPLE VOR Rwy 5

NA when local weather not available.
[1]Categories A,B, 1100-2; Categories C,D, 1100-3.

JONESBORO, AR

JONESBORO MUNI ..... **ILS or LOC Rwy 23**
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 31
VOR Rwy 23

NA when local weather not available.

LAWTON, OK

LAWTON-FORT SILL RGNL ..... **ILS or LOC Rwy 35**
VOR Rwy 35

NA when control tower closed.

NAME ALTERNATE MINIMUMS

LITTLE ROCK, AR

ADAMS FIELD ..... **ILS or LOC Rwy 4L[1]**
ILS or LOC Rwy 4R[2]
ILS or LOC Rwy 22R[14]
ILS or LOC Rwy 22L[14]
RADAR-1[3]
RNAV (GPS) Rwy 4L[34]
RNAV (GPS) Rwy 4R[34]
RNAV (GPS) Rwy 22L[34]
RNAV (GPS) Rwy 22R[34]
VOR-A[3]

[1]ILS, Category C, 700-2; Category D, 1000-3. LOC, Category D, 1000-3.
[2]ILS, Categories A,B,C, 700-2; Category D, 1000-3. LOC, Category D, 1000-3.
[3]Category D, 1000-3.
[4]NA when local weather not available.

MC ALESTER, OK

MC ALESTER RGNL ..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20

NA when local weather not available.

MONTICELLO, AR

MONTICELLO MUNI/
ELLIS FIELD ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
VOR-A

NA when local weather not available.

MOUNTAIN HOME, AR

OZARK RGNL ..... **ILS or LOC/DME Rwy 5**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
VOR-A

NA when local weather not available.

MUSKOGEE, OK

DAVIS FIELD ..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 13[1]
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31[1]

NA when local weather not available.
[1]Category E, 1000-3.

NEWPORT, AR

NEWPORT MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

NORMAN, OK

UNIVERSITY OF OKLAHOMA
WESTHEIMER ..... **ILS or LOC Rwy 17[1]**
NDB Rwy 3[23]
NDB Rwy 35[23]
RNAV (GPS) Rwy 3[2]
RNAV (GPS) Rwy 17[2]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]Category D, 800-2¼.

OKLAHOMA CITY, OK

CLARENCE E.
PAGE MUNI ..... **RNAV (GPS) Rwy 17R**
RNAV (GPS) Rwy 35L
VOR-B

NA when local weather not available.

WILEY POST ..... **ILS Rwy 17L[1]**
RNAV (GPS) Rwy 17L[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

WILLROGERS WORLD .. **ILS or LOC Rwy 17L[1]**
ILS or LOC Rwy 17R[1]
ILS Rwy 35R[1]
ILS or LOC/DME Rwy 35L[1]
RADAR-1[1]
VOR Rwy 17L[2]

[1]Category E, 1000-3.
[2]Categories A,B, 1100-2; Categories C,D,E, 1100-3.

OKMULGEE, OK

OKMULGEE RGNL ..... **RNAV (GPS) Rwy 18**

NA when local weather not available.

PONCA CITY, OK

PONCA CITY RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

ROGERS, AR

ROGERS MUNI-
CARTER FIELD ..... **RNAV (GPS) Rwy 20[1]**
VOR Rwy 2[2]

[1]NA when local weather not available.
[2]Category C, 800-2¼; Category D, 800-2½.

RUSSELLVILLE, AR

RUSSELLVILLE RGNL ..... **RNAV (GPS) Rwy 7**
Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

SEARCY, AR

SEARCY MUNI ..... **RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
NA when local weather not available.

SEMINOLE, OK

SEMINOLE MUNI ..... **RNAV (GPS) Rwy 16**
NA when local weather not available.

SILOAM SPRINGS, AR

SMITH FIELD ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
VOR-A
NA when local weather not available.

STILLWATER, OK

STILLWATER RGNL ..... **ILS or LOC Rwy 17[1]**
NDB Rwy 17[2]
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 35[2]
VOR Rwy 17[2]
VOR/DME Rwy 35[2]
[1]NA when control tower closed.
[2]NA when local weather not available.

STUTTGART, AR

STUTTGART MUNI ..... **RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 27
RNAV (GPS) Rwy 36
NA when local weather not available.

TAHLEQUAH, OK

TAHLEQUAH MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

NAME ALTERNATE MINIMUMS

TEXARKANA, AR

TEXARKANA RGNL/
WEBB FIELD ..... **ILS or LOC Rwy 22[1][2]**
LOC BC Rwy 4[1]
RNAV (GPS Rwy 4
RNAV (GPS Rwy 13
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31
VOR Rwy 13
NA when local weather not available.
[1]NA when control tower closed.
[2]ILS,Category D, 700-2.

TULSA, OK

RICHARD LLOYD
JONES,JR. ..... **ILS or LOC Rwy 1L[1]**
RNAV (GPS) Rwy 1L
VOR/DME-A
NA when local weather not available.
[1]ILS, 700-2. ILS,LOC, NA when control tower closed.

TULSA INTL ..... **ILS or LOC Rwy 18L[1]**
ILS or LOC Rwy 18R[2]
ILS or LOC Rwy 36R[3]
RNAV (GPS) Rwy 18L[4]
RNAV (GPS) Rwy 18R[4]
RNAV (GPS) Rwy 26[4]
RNAV (GPS) Rwy 36R[4]
VOR or TACAN Rwy 26[4]
[1]ILS, Category D, 700-2; Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]ILS, Category D, 700-2.
[3]ILS, Categories A, B, C, D, 700-2. LOC, Category E, NA.
[4]Category E, 800-2¼.

WOODWARD, OK

WEST WOODWARD ..... **RNAV (GPS) Rwy 17[1][2]**
RNAV (GPS) Rwy 35[1][2]
VOR/DME-A[2]
[1]NA when local weather not available.
[2]Category D, 800-2¼.

ALTUS AFB (KLTS), OK (Amdt 2, 09267 USAF) ELEV 1382

RADAR[1] - Ctc APP CON **(E)** 125.1 257.725

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[2]	17R[34]		AB	**1740**/24	361	(400-½)
			CDE	**1740**/40	361	(400-¾)
	17L[34]		AB	**1740**/24	358	(400-½)
			CDE	**1740**/40	358	(400-¾)
	35R[4]		AB	**1740**/24	378	(400-½)
			CDE	**1740**/40	378	(400-¾)
	35L[5]		AB	**1760**/24	407	(400-½)
			CD	**1760**/40	407	(400-¾)
			E	**1760**/50	407	(400-1)
CIR[6]	All Rwy		A	**1780**-1	398	(400-1)
			B	**1840**-1	458	(500-1)
			C	**1840**-1½	458	(500-1½)
			D	**1940**-2	558	(600-2)
			E	**1980**-2	598	(600-2)

[1]Opr 1600-0600Z++ wkd,clsd wkend and hol. [2]No-NOTAM preventive maint sked: ASR 1100-1315++ Mon-Fri. [3]Stepdown fix 2 NM fr rwy thld. [4]When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles. [5]When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles. [6]Circling not authorized W of Rwy 17R-35L.

FAYETTEVILLE, AR Orig-A, APR 21, 1997 (FAA) ELEV 1251

DRAKE FIELD

RADAR- 121.0 244.57

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	16		A	**2060**-1	809	(900-1)	B	**2060**-1¼	809	(900-1¼)
			C	**2060**-2¼	809	(900-2¼)	D	**2060**-2½	809	(900-2½)
CIRCLING			A	**2060**-1	809	(900-1)	B	**2060**-1¼	809	(900-1¼)
			C	**2060**-2¼	809	(900-2¼)	D	**2300**-3	1049	(1100-3)

Circling NA East of runway 16-34.
Inoperative table does not apply.

FORT SMITH, AR

Amdt 8B, AUG 28, 2008 (FAA) ELEV **469**

FORT SMITH RGNL

RADAR - 120.9 343.75 ▽ ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	25		AB	**1040**/24	594	(600-½)	C	**1040**/50	594	(600-1)
			D	**1040**/60	594	(600-1¼)	E	**1040**-1½	594	(600-1½)
	1		AB	**1140**-1	692	(700-1)	C	**1140**-2	692	(700-2)
			D	**1140**-2¼	692	(700-2¼)	E	**1140**-2½	692	(700-2½)
	7		AB	**1200**-½	731	(800-½)	C	**1200**-1½	731	(800-1½)
			D	**1200**-1¾	731	(800-1¾)	E	**1200**-2	731	(800-2)
CIRCLING			AB	**1200**-1	731	(800-1)	C	**1200**-2	731	(800-2)
			D	**1200**-2¼	731	(800-2¼)	E	**1200**-2½	731	(800-2½)

When control tower closed ASR not authorized. Circling to Rwy 1 NA at night.
Circling Cat E NA when R-2401B active.

HENRY POST AAF (KFSI), OK (Fort Sill) (Amdt 12, 08297 USA) ELEV 1187

RADAR - (E) 120.55 322.4 ⚠ NA

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	35	3.0°/48/918	AB	**1388**/24	200	(200-½)
			CDE	**1388**/40	200	(200-¾)
	17	3.0°/42/809	ABCDE	**1388**-¾	200	(200-¾)
ASR	35		ABC	**1540**/40	352	(400-¾)
			DE	**1540**/50	352	(400-1)
	17		AB	**1660**-1	472	(500-1)
			C	**1660**-1¼	472	(500-1¼)
			D	**1660**-1½	472	(600-1½)
			E	**1660**-1¾	472	(500-1¾)
CIR[1]	17-35		AB	**1680**-1	492	(500-1)
			C	**1680**-1½	492	(500-1½)
			D	**1740**-2	552	(600-2)
			E	**1780**-2	592	(600-2)

[1]Cat E cir not auth W of Rwy 17-35.

LAWTON, OK

AMDT.4A, JAN 10, 2000 (FAA) ELEV **1110**

LAWTON-FORT SILL RGNL

RADAR 1 - 120.55 322.4

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35		ABC	**1560**-¾	471	(500-¾)	D	**1560**-1	471	(500-1)
CIRCLING			AB	**1600**-1	490	(500-1)	C	**1620**-1½	510	(600-1½)
			D	**1680**-2	570	(600-2)				

LAWTON, OK

Amdt. 1B, JUN 25, 2002 (FAA) ELEV **1110**

LAWTON-FORT SILL RGNL

RADAR 2 - 120.55 322.4

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17		AB	**1620**-1	510	(600-1)	CD	**1620**-1½	510	(600-1½)
CIRCLING			AB	**1620**-1	510	(600-1)	C	**1620**-1½	510	(600-1½)
			D	**1680**-2	570	(600-2)				

LITTLE ROCK, AR

Amdt 17, JUL 2, 2009 (FAA) ELEV **262**

ADAMS FIELD

RADAR-1 - 135.4 291.775 353.6 ▼ ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	4R		ABC	**720**/40	460	(500-¾)	D	**720**/50	460	(500-1)
	4L		AB	**780**/40	522	(500-¾)	C	**780**/50	522	(600-1)
			D	**780**/60	522	(600-1¼)				
	18		AB	**720**-1	462	(500-1)	C	**720**-1¼	462	(500-1¼)
			D	**720**-1½	462	(700-1½)				
	22R		AB	**740**/24	478	(500-½)	C	**740**/40	478	(500-¾)
			D	**740**/50	478	(500-1)				
	22L		AB	**740**/40	480	(500-¾)	C	**740**/60	480	(500-1¼)
			D	**740**-1½	480	(500-1½)				
	36		AB	**780**-1	523	(600-1)	C	**780**-1½	523	(600-1½)
			D	**780**-1¾	523	(600-1¾)				
CIRCLING			AB	**780**-1	518	(600-1)	C	**880**-1¾	618	(700-1¾)
			D	**1180**-3	918	(1000-3)				

For inoperative MALSR increase S-4R and S-4L Cats A/B visibility to RVR 5000. Inoperative table does not apply to S-22L Cat C. Visibility reductions for helicopters NA.

OKLAHOMA CITY, OK

Amdt. 2, FEB 9, 1989 (FAA) ELEV **1299**

WILEY POST

RADAR - 124.6 266.8 ▼

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35R		AB	**1840**-1	541	(600-1)	C	**1840**-1½	541	(600-1½)
			D	**1840**-1¾	541	(600-1¾)				
CIRCLING			AB	**1840**-1	541	(600-1)	C	**1840**-1½	541	(600-1½)
			D	**1880**-2	581	(600-2)				

OKLAHOMA CITY, OK Amdt. 20A, OCT 30, 2002 (FAA) ELEV 1295

WILL ROGERS WORLD

RADAR - 124.6 266.8 ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35R		ABC	**1680**/40	386	(400-¾)	DE	**1680**/50	386	(400-1)
	17L		ABCDE	**1680**/60	394	(400-1¼)				
	17R		ABC	**1680**-¾	398	(400-¾)	DE	**1680**-1	398	(400-1)
	35L		ABCDE	**1680**-1¼	403	(400-1¼)				
CIRCLING			AB	**1760**-1¼	465	(500-1¼)	C	**1760**-1½	465	(500-1½)
			D	**1860**-2	565	(600-2)	E	**2240**-3	945	(1000-3)

Category D,E S-17R visibility increased ¼ mile for inoperative MALSR.
Category D,E S-35R visibility increased to RVR 6000 for inoperative ALSF.

TINKER AFB (KTIK), (Oklahoma City) OK (08157 USAF) ELEV 1291

RADAR - Ctc OKLAHOMA CITY APP CON (E) 118.95 118.3 323.1 273.525 ▽

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	35[1]		A	**1940**/24	649	(700-½)
			B	**1940**/40	649	(700-¾)
			C	**1940**/60	649	(700-1¼)
			D	**1940**-1½	649	(700-1½)
			E	**1940**-1¾	649	(700-1¾)
	17[2]		A	**2000**/40	733	(800-¾)
			B	**2000**/50	733	(800-1)
			C	**2000**-1¾	733	(800-1¾)
			D	**2000**-2	733	(800-2)
			E	**2000**-2¼	733	(800-2¼)
CIR[3]	35		A	**1940**-1	649	(700-1)
			B	**1940**-1¼	649	(700-1¼)
			C	**1940**-1¾	649	(700-1¾)
			D	**1980**-2¼	689	(700-2¼)
			E	**2040**-2¾	749	(800-2¾)
	17		A	**2000**-1	709	(800-1)
			B	**2000**-1¼	709	(800-1¼)
			C	**2000**-2	709	(800-2)
			D	**2000**-2¼	709	(800-2¼)
			E	**2040**-2¾	749	(800-2¾)

[1]When ALS inop, increase Cat A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1¾ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles. [2]When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 2 miles, CAT D vis to 2¼ miles, and CAT E vis to 2½ miles. [3]CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

TULSA, OK
Amdt.17D, MAY 16, 2000 (FAA) ELEV **677**

TULSA INTL

RADAR - 124.0 338.3

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	26		AB	**1060**-1	409	(400-1)	CD	**1060**-1¼	409	(400-1¼)
			E	**1060**-1½	409	(400-1½)				
	18R		AB	**1080**-1	413	(500-1)	CD	**1080**-1¼	413	(500-1¼)
			E	NA						
	18L		AB	**1080**/24	439	(500-½)	C	**1080**/40	439	(500-¾)
			DE	**1080**/50	439	(500-1)				
	8		AB	**1120**-1	449	(500-1)	C	**1120**-1¼	449	(500-1¼)
			DE	**1120**-1½	449	(500-1½)				
	36R		AB	**1140**/24	490	(500-½)	C	**1140**/40	490	(500-¾)
			DE	**1140**/50	490	(500-1)				
	36L		AB	**1180**-1	503	(600-1)	CD	**1180**-1½	503	(600-1½)
			E	NA						
CIRCLING			AB	**1180**-1	503	(600-1)	C	**1180**-1½	503	(600-1½)
			D	**1300**-2	623	(700-2)	E	**1300**-2¼	623	(700-2¼)

Category E circling not authorized south of runway 8-26.

INSTRUCTION APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME — TAKE-OFF MINIMUMS

ADA, OK

ADA MUNI (ADH)
AMDT 3 09127 (FAA)

TAKE-OFF MINIMUMS: **Rwy 13,** 300-1¼ or std. w/ min. climb of 307' per NM to 1300. **Rwy 17,** 300-1¼ or std. w/ min. climb of 326' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 174° to 1600 before proceeding on course.

NOTE: **Rwy 13,** bush 316' from DER, 43' right of centerline, 9' AGL/988' MSL. Tower 5477' from DER, 872' left of centerline, 120' AGL/1117' MSL. Post 123' from DER, 73' right of centerline, 3' AGL/982' MSL. Tower 1.08 NM from DER, 9' left of centerline, 160' AGL/1160' MSL. **Rwy 17,** tower 1.02 NM from DER, 1411' right of centerline, 165' AGL/1165' MSL. Pole 1017' from DER, 449' left of centerline, 90' AGL/1053' MSL. Trees beginning 83' from DER, 272' left of centerline, up to 82' AGL/1041' MSL. Trees beginning 32' from DER, 100' right of centerline, up to 58' AGL/1037' MSL. **Rwy 31,** trees beginning 2179' from DER, 988' right of centerline, up to 64' AGL/1083' MSL. Obstruction light on amom 703' from DER, 548' right of centerline, 6' AGL/1042' MSL. **Rwy 35,** trees beginning 75' from DER, 72' left of centerline, up to 56' AGL/1065' MSL. Trees beginning 132' from DER, 261' right of centerline, up to 51' AGL/1050' MSL.

NAME — TAKE-OFF MINIMUMS

ALTUS, OK

ALTUS/QUARTZ MOUNTAIN RGNL (AXS)
ORIG 09267 (FAA)

NOTE: **Rwy 35,** terrain 51' from DER, 410' right of centerline, 1435' MSL. Trees beginning 1215' from DER, 765' left of centerline, up to 40' AGL/1470' MSL.

ALTUS AFB (KLTS)

ALTUS, OK 09295

TAKE-OFF OBSTACLES: 174° Assault Strip, Aircraft taxiing 87' from DER, 360' left of centerline, 65' AGL/1425' MSL, aircraft taxiing between 1038' and 2525' from DER, 717' left of centerline, 65' AGL/1425' MSL.

ALVA, OK

ALVA RGNL

DEPARTURE PROCEDURE: **Rwys 8, 35**, climb on runway heading to 2000 before turning.

ARDMORE, OK

ARDMORE DOWNTOWN EXECUTIVE

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1 or std. with a min. climb of 300' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 17**, climb on runway heading to 1500 prior to turning. **Rwy 35**, climb on runway heading to 1400 prior to turning.

ARDMORE, OK (CON'T)

ARDMORE MUNI

TAKE-OFF MINIMUMS: **Rwy 31,** 300-1 or std. with a min. climb of 240' per NM to 900. **Rwy 35,** 500-1 or std. with a min. climb of 440' per NM to 900.

ARKADELPHIA, AR

DEXTER B. FLORENCE MEMORIAL FIELD

NOTES: **Rwy 4,** multiple towers, trees, and railroad beginning 20' from departure end of runway, 282' left of centerline, up to 85' AGL/320' MSL. Multiple trees 79' from departure end of runway, 500' right of centerline, up to 54' AGL/184' MSL. **Rwy 22,** railroad 274' from departure end of runway, 434' right of centerline, 23' AGL/212' MSL.

ASH FLAT, AR

SHARP COUNTY RGNL

NOTE: **Rwy 4,** numerous trees beginning 1151' from departure end of runway, 576' right of centerline, up to 100' AGL/839' MSL. **Rwy 22,** numerous trees beginning 548' from departure end of runway, 83' left of centerline, up to 100' AGL/759' MSL.

BARTLESVILLE, OK

BARTLESVILLE MUNI (BVO)

ORIG 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy17,** 200-1 or std. w/ a min climb of 257' per NM to 1000, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2200' prior to departure end of runway. **Rwy 35,** 400-2¾ or std. w/ a min. climb of 300' per NM to 1200, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 2000' prior to departure end of runway.

NOTE: **Rwy 17,** multiple trees beginning 916' from departure end of runway, 169' right of centerline, up to 100' AGL/869' MSL. **Rwy 35,** tree 2216' from departure end of runway, 441' left of centerline, 52' AGL/743' MSL. Multiple trees and powerline pylons beginning 1.1 NM from departure end of runway, 180' right of centerline, up to 100' AGL/1059' MSL.

BATESVILLE, AR

BATESVILLE RGNL

TAKE-OFF MINIMUMS: **Rwy 7,** 300-1¾ or std. with a min. climb of 215' per NM to 800. **Rwy 25,** std. with a min. climb of 230' per NM to 1500, or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 25,** for climb in visual conditions: cross Batesville Rgnl Airport at or above 1300.

NOTE: **Rwy 7,** tree 1.3 NM from departure end of runway, 844' right of centerline, 100' AGL/679' MSL.

BENTON, AR

SALINE COUNTY RGNL (SUZ)

ORIG 07354 (FAA)

NOTE: **Rwy 2,** road plus vehicles beginning 185' from departure end of runway, 331' left of centerline, 10' AGL/394' MSL. Multiple trees beginning 357' from departure end of runway, 354' left of centerline, up to 75' AGL/474' MSL. Multiple trees beginning 69' from departure end of runway, 147' right of centerline, up to 35' AGL/454' MSL. **Rwy 20,** multiple trees 1221' from departure end of runway, 15' left of centerline, up to 59' AGL/438' MSL. Multiple trees and pole beginning 1315' from departure end of runway, 10' right of centerline, up to 69' AGL/448' MSL.

BENTONVILLE, AR

BENTONVILLE MUNI/LOUISE M. THADEN FIELD

TAKE-OFF MINIMUMS: **Rwy 36**, 300-2¼ or std. with a min. climb of 270' per NM to 1700.

NOTE: **Rwy 36,** tower 1.92NM from departure end of runway, 1607' left of centerline, 345' AGL/1595' MSL. Multiple t-line towers 2048' from departure end of runway, 81' AGL/1356' MSL.

BLYTHEVILLE, AR

ARKANSAS INTL (BYH)

ORIG 08101 (FAA)

NOTE: **Rwy 36,** tree 3301' from departure end of runway, 1188' left of centerline, 88' AGL/337' MSL.

BLYTHEVILLE MUNI (HKA)

ORIG 08157 (FAA)

NOTE: **Rwy 18,** tree 487' from departure end of runway, 345' left of centerline, 100' AGL/364' MSL. Tree 1780' from departure end of runway, 748' right of centerline, 100' AGL/364' MSL. **Rwy 36,** tree 2393' from departure end of runway, 825' right of centerline, 100' AGL/359' MSL.

BOISE CITY, OK

BOISE CITY (17K)

ORIG 09295 (FAA)

NOTE: **Rwy 22,** hangars 243' from DER, 226' right of centerline, 35' AGL/4212' MSL. Vehicle on road 566' from DER, right and left of centerline, up to 15' AGL/4192' MSL.

BRISTOW, OK

JONES MEMORIAL

NOTE: **Rwy 17,** cross departure end of runway at or above 31'AGL/882'MSL. T-L towers 6532' from departure end of runway, 686' right of centerline, 70' AGL/960' MSL.

CARLISLE, AR

CARLISLE MUNI (4M3)
ORIG 08157 (FAA)
NOTE: **Rwy 9,** trees 2966' from departure end of runway, 1135' right of centerline, 100' AGL/339' MSL. Building 82' from departure end of runway, 331' left of centerline, 20' AGL/264' MSL. Building 781' from departure end of runway, 565' right of centerline, 30' AGL/269' MSL. **Rwy 18,** trees 306' from departure end of runway, across centerline, up to 100' AGL/344' MSL. Road 674' from departure end of runway, across centerline, 17' AGL/262' MSL. **Rwy 27,** trees 2668' from departure end of runway, 516' right of centerline, 100' AGL/344' MSL. **Rwy 36,** road 396' from departure end of runway, across centerline, 15' AGL/259' MSL.

CHANDLER, OK

CHANDLER RGNL
NOTE: **Rwy 35,** tree 1000' from departure end of runway, on centerline, 67' AGL/1029' MSL.

CLAREMORE, OK

CLAREMORE RGNL (GCM)
ORIG 09239 (FAA)
TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 300' per NM to 1100.
NOTE: **Rwy 17,** terrain 207' from DER, 385' left of centerline, 749' MSL. Ground 451' from DER, 505' left of centerline, 753' MSL. Terrain 208' from DER, 106' right of centerline, 739' MSL. **Rwy 35,** tree 6601' from DER, 1918' left of centerline, 100' AGL/949' MSL. Tree 473' from DER, 342' left of centerline, 19' AGL/719' MSL. Tree 1103' from DER, 510' right of centerline, 27' AGL/729' MSL. Tree 1571' from DER, 558' right of centerline, 42' AGL/739' MSL. Tree 1149' from DER, 479' left of centerline, 38' AGL/727' MSL. Tree 1510' from DER, 242' right of centerline, 46' AGL/735' MSL.

CLARKSVILLE, AR

CLARKSVILLE MUNI
TAKE-OFF MINIMUMS: **Rwy 9**, 400-2
DEPARTURE PROCEDURE: **Rwys 9, 27**, climb on runway heading to 3500 prior to turning northbound.

CLINTON, AR

HOLLEY MOUNTAIN AIRPARK (2A2)
ORIG 08325 (FAA)
NOTE: **Rwy 5,** numerous trees left and right of centerline, beginning 2' from departure end of runway, up to 100' AGL/1399' MSL. **Rwy 23,** numerous trees left and right of centerline, beginning 38' from departure end of runway, up to 100' AGL/1359' MSL.

CLINTON, OK

CLINTON RGNL
TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-obstacles. **Rwy 35,** 300-1 or std. w/ min. climb of 408' per NM to 2000.
NOTE: **Rwy 35,** tower 4403' from departure end of runway, 1625' left of centerline, 230' AGL/1780' MSL.

CLINTON, OK (CON'T)

CLINTON-SHERMAN (CSM)
ORIG 08325 (FAA)
NOTE: **Rwy 17L,** tree 655' from departure end of runway, 317' left of centerline, 23' AGL/1932' MSL. **Rwy 17R,** tree 1275' from departure end of runway, 620' right of centerline, 35' AGL/1954' MSL. **Rwy 35R,** control tower 2797' from departure end of runway, 188' right of centerline, 66' AGL/1985' MSL. Tower 2981' from departure end of runway, 289' right of centerline, 76' AGL/1995' MSL.

CONWAY, AR

DENNIS F. CANTRELL FIELD (CWS)
AMDT 1 08157 (FAA)
TAKE-OFF MINIMUMS: **Rwys 8,26,** NA at night. **Rwy 26,** 200-1 or std. w/ min. climb of 346' per NM to 600. **Rwy 36,** 400-2½ or std. w/ min. a minimum climb of 289' per NM to 900.
DEPARTURE PROCEDURE: **Rwy 36,** climb heading 358° to 900 before proceeding on course.
NOTE: **Rwy 8,** trees, tower, poles and a building beginning 355' from departure end of runway, 10' right of centerline, up to 100' AGL/399' MSL. Trees, buildings, poles, sign, and a vehicle on roadway beginning 65' from departure end of runway, 18' left of centerline, up to 100' AGL/399' MSL. **Rwy 18,** silo 2222' from departure end of runway, 64' right of centerline, 100' AGL/413' MSL. Trees beginning 2370' from departure end of runway, 888' right of centerline, up to 100' AGL/399' MSL. **Rwy 26,** antenna 2003' from departure end of runway, 932' right of centerline, 140' AGL/449' MSL. Tank 3636' from departure end of runway, 1178' left of centerline, 165' AGL/475' MSL. Terrain beginning 27' from departure end of runway, 83' right of centerline, up to 0' AGL/325' MSL. **Rwy 36,** tower 11088' from departure end of runway, 3152' right of centerline, 150' AGL/650' MSL. Tower 11231' from departure end of runway, 3894' right of centerline, 186' AGL/687'. Trees beginning 2016' from departure end of runway, 340' right of centerline, up to 100' AGL/ 409' MSL. Trees and towers beginning 4368' from departure end of runway, 964' left of centerline, up to 119' AGL/428' MSL.

CUSHING, OK

CUSHING MUNI
TAKE-OFF MINIMUMS: **Rwys 2, 8, 11, 20, 26, 29,** NA. **Rwy 36,** 400-2 or std. with a min. climb of 210' per NM to 1400.
DEPARTURE PROCEDURES: **Rwy 36,** climb via heading 360° to 1400' before turning left.
NOTE: **Rwy 36,** tower 2.16 NM from departure end of runway, 5370' left of centerline, 250' AGL/1263' MSL.

DE QUEEN, AR

J. LYNN HELMS SEVIER COUNTY
TAKE-OFF MINIMUMS: **Rwy 8**, 400-2 or std. with a min. climb of 310' per NM to 800.

DECATUR, AR

CRYSTAL LAKE
TAKE-OFF MINIMUMS: **Rwy 13**, NA-obstacles.
NOTE: **Rwy 31,** railroad 208' from departure end of runway, on centerline, 23' AGL/1202' MSL, multiple trees beginning 228' from departure end of runway, left of centerline up to 1231' MSL.

DUMAS, AR

BILLY FREE MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 300-1.

DUNCAN, OK

HALLIBURTON FIELD

TAKE-OFF MINIMUMS: **Rwy 35,** 400-2, or std. with a min. climb of 220' per NM to 1600.

EL DORADO, AR

SOUTH ARKANSAS RGNL AT GOODWIN FIELD

TAKE-OFF MINIMUMS: **Rwys 13,22,31,35,** 300-1.

DEPARTURE PROCEDURE: **Rwy 17**, climb runway heading to 600, then climb on course.

EL RENO, OK

EL RENO RGNL (RQO)

ORIG 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18, 36,** NA-Environmental. **Rwy 35,** 200-1 or std. w/ min. climb of 300' per NM to 1700.

NOTE: **Rwy 17,** vehicle on road 444' from departure end of runway, on centerline, 17' AGL/1436' MSL. **Rwy 35,** powerlines, 1800' from departure end of runway, on centerline, 80' AGL/1519' MSL.

ELK CITY, OK

ELK CITY RGNL BUSINESS

NOTE: **Rwy 35,** multiple trees beginning 43' from departure end of runway, 225' left of centerline, up to 100' AGL/2119' MSL. Multiple trees beginning 44' from departure end of runway, 22' right of centerline, up to 100' AGL/2119' MSL.

ENID, OK

ENID WOODRING RGNL (WDG)

AMDT 3A 09267 (FAA)

NOTE: **Rwy 13,** trees beginning 107' from DER, 182' right of centerline, up to 100' AGL/1269' MSL. Trees beginning 872' from DER, 308' left of centerline, up to 100' AGL/1289' MSL. **Rwy 35,** fence 218' from DER, 491' right of centerline, 8' AGL/1175' MSL. Vehicle on road beginning 253' from DER, 388' right of centerline, 15' AGL/1187' MSL. Train on railroad tracks beginning 369' from DER, left and right of centerline, 23' AGL/1190' MSL.

FAIRVIEW, OK

FAIRVIEW MUNI

TAKE-OFF MINIMUMS: **Rwy 17**, 400-2 or std. with a min. climb of 270' per NM to 1700.

FAYETTEVILLE, AR

DRAKE FIELD (FYV)

AMDT 5 09015 (FAA)

TAKE-OFF MINIMUMS: **Rwy 16,** std. w/ min. climb of 501' per NM to 1800 or 400-1¼ w/ min. climb of 360' per NM to 1900 or 1600-2½ for climb in visual conditions. **Rwy 34,** 300-1 or std. w/ min. climb of 648' per NM to 1700.

DEPARTURE PROCEDURE: **Rwy 16,** climb heading 164° to 2700 before turning right, climb heading 164° to 3400 before turning left. For climb in visual conditions cross Drake Field at or above 2800 before proceeding on course. **Rwy 34,** climb heading 344° to 2700 before proceeding on course.

NOTE: **Rwy 16,** multiple trees, road, fence, light poles, terrain, buildings beginning 72' from departure end of runway, 21' left of centerline, 114' AGL/1623' MSL. Multiple trees beginning 825' from departure end of runway, 13' right of centerline, up to 105' AGL/1438' MSL. **Rwy 34,** multiple trees, road, fence, light poles, terrain beginning 1' from departure end of runway, 102' left of centerline, up to 85' AGL/1343' MSL. Multiple trees, road, fence, light poles, terrain beginning 570' from departure end of runway, 319' right of centerline, up to 59' AGL/1540' MSL.

FAYETTEVILLE/SPRINGDALE/ROGERS, AR

NORTHWEST ARKANSAS RGNL

TAKE-OFF MINIMUMS: **Rwy 34,** 500-2 ¾ or std. with a min. climb of 227' per NM to 1900.

NOTES: **Rwy 16,** trees 1985' from departure end of runway, 1020' right of centerline, up to 100' AGL/1321' MSL. **Rwy 34,** tower 1.99 NM from departure end of runway, 1.29 NM left of centerline, 309' AGL/1729' MSL.

FLIPPIN, AR

MARION COUNTY RGNL

TAKE-OFF MINIMUMS: **Rwy 4**, 300-1.

DEPARTURE PROCEDURE: **Rwy 4**, turn right, direct FLP VOR, then climb on course. **Rwy 22**, climb runway heading to 900, turn left, proceed direct FLP VOR, then climb on course.

FORREST CITY, AR

FORREST CITY MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 500-3 or std. with a min. climb of 290' per NM to 900.

FORT SMITH, AR

FORT SMITH RGNL

TAKE-OFF MINIMUMS: **Rwy 1**, 300-1 or std. with a min. climb of 353' per NM to 800. **Rwy 7**, 300-1½ or std. with a min. climb of 261' per NM to 800. **Rwy 19,** 200-1¼ or std. w/ a min. climb of 226' per NM to 700, or alternatively, w/ std. takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway. **Rwy 25,** 300-1 or std. w/ a min. climb of 351' per NM to 800.

DEPARTURE PROCEDURE: **Rwy 1,** climb heading 016° to 2400 before turning left. **Rwy 25**, climb heading 256° to 1100 before turning right.

NOTE: **Rwy 1,** terrain 56' from departure end of runway, 218' right of centerline, 0' AGL/449' MSL. Terrain 159' from departure end of runway, 354' left of centerline, 0' AGL/449' MSL. Light pole 1086' from departure end of runway, 287' left of centerline, 36' AGL/485' MSL. Tree 1495' from departure end of runway, 364' left of centerline, 60' AGL/509' MSL. Towers beginning 4315' from departure end of runway, 79' left of centerline, up to 109' AGL/619' MSL. Trees beginning 5136' from departure end of runway, 924' right of centerline, up to 100' AGL/679' MSL. **Rwy 7,** terrain 835' from departure end of runway, 678' left of centerline, 0' AGL/479' MSL. Trees beginning 3910' from departure end of runway, 1032' left of centerline, up to 57' AGL/556' MSL. Trees beginning 1.2 NM from departure end of runway, 1416' right of centerline, up to 100' AGL/699' MSL. Pole 1.2 NM from departure end of runway, 1572' right of centerline, 41' AGL/640' MSL.

Rwy 19, vehicle and road 200' from departure end of runway, 200' left of centerline, 15' AGL/462' MSL. Railroad, 639' from departure end of runway, 313' left of centerline, 20' AGL/449' MSL. Tank 704' from departure end of runway, 518' left of centerline, 31' AGL/480' MSL. Railroad 751' from departure end of runway, 2' right of centerline, 22' AGL/471' MSL. Trees beginning 930' from departure end of runway, 211' left of centerline, up to 48' AGL/627' MSL. Tree 941' from departure end of runway, 97' right of centerline, 25' AGL/474' MSL. Pole 1949' from departure end of runway, 439' left of centerline, 42' AGL/501' MSL. Elevator 2106' from departure end of runway, 969' right of centerline, 86' AGL/536' MSL. **Rwy 25,** pole 1642' from departure end of runway, 734' right of centerline, 24' AGL/513' MSL. Trees beginning 1848' from departure end of runway, 690' right of centerline, up to 100' AGL/629' MSL. Tower 4981' from departure end of runway, 1376' left of centerline, 125' AGL/623' MSL. Tank 5628' from departure end of runway, 208' left of centerline, 101' AGL/610' MSL.

GOLDSBY, OK

DAVID JAY PERRY

NOTE: **Rwy 13,** trees beginning 751' from departure end of runway, 481' left of centerline, up to 50' AGL/1209' MSL. Tree 982' from departure end of runway, 730' right of centerline, 50' AGL/1189' MSL. Terrain 101' from departure end of runway, 369' right of centerline, 1159' MSL. **Rwy 31,** tree 1624' from departure end of runway, 550' right of centerline, 50' AGL/1219' MSL. **Rwy 35,** tree 930' from departure end of runway, 45' left of centerline, 50' AGL/1199' MSL. Road 905' from departure end of runway, 18' left of centerline, 15' AGL/1194' MSL.

GROVE, OK

GROVE MUNI (GMJ)

ORIG 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18,** 200-1¼ or std. w/ min. climb of 271' per NM to 1100.

NOTE: **Rwy 18,** building 308' from departure end of runway, 321' left of centerline, 13' AGL/842' MSL. Multiple buildings beginning 11' from departure end of runway, 325' right of centerline, 22' AGL/851' MSL. Windsock 118' from departure end of runway, 325' right of centerline, 22' AGL/851' MSL. Light 165' from departure end of runway, 420' left of centerline, 24' AGL/863' MSL. Vehicle on road 598' from departure end of runway, 619' left of centerline, 15' AGL/854' MSL. Vehicle on road 590' from departure end of runway, 499' right of centerline, 15' AGL/844' MSL. Trees and poles beginning 33' from departure end of runway, 12' left of centerline, up to 100' AGL/1019' MSL. Trees and poles beginning 252' from departure end of runway, 13' right of centerline, up to 40' AGL/869' MSL. **Rwy 36,** rising terrain beginning 30' from departure end of runway, 277' left of centerline, up to 826' MSL. Pole 316' from departure end of runway, 521' left of centerline, 20' AGL/859' MSL. Trees beginning 151' from departure end of runway, 54' left of centerline, up to 100' AGL/939' MSL. Trees beginning 109' from departure end of runway, 49' right of centerline, up to 85' AGL/884' MSL.

GUTHRIE, OK

GUTHRIE-EDMOND RGNL (GOK)

AMDT 1 09351 (FAA)

NOTE: **Rwy 16,** trees beginning 54' from DER, 286' right of centerline, up to 44' AGL/1087' MSL.

GUYMON, OK

GUYMON MUNI

TAKE-OFF MINIMUMS: **Rwys 6, 24**, 600-2.

DEPARTURE PROCEDURE: **Rwys 18,36**, climb runway heading to 3700 before turning.

HARRISON, AR

BOONE COUNTY

TAKE-OFF MINIMUMS: **Rwy 18**, 1400-3 or std. with a min. climb of 320' per NM to 3200.

DEPARTURE PROCEDURE: **Rwy 18**, climb via heading 182° to 2600 before turning.

HELENA/WEST HELENA, AR

THOMPSON-ROBBINS

TAKE-OFF MINIMUMS: **Rwy 8,** 400-2 or std. with a min. climb of 250' per NM to 700.

HENRYETTA, OK

HENRYETTA MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 500-3 or std. with a min. climb of 270' per NM to 1500.

NOTE: **Rwy 36,** tower 13139' from DER, 885' right of centerline, 318' AGL/1273' MSL. Tower 8882' from DER, 6059' left of centerline, 330' AGL/1223' MSL.

HOBART, OK

HOBART RGNL (HBR)
AMDT 1 08073 (FAA)

TAKE-OFF MINIMUMS: **Rwys 3, 12, 21, 30,** NA-Environmental.

NOTE: **Rwy 35,** Terrain beginning 107' from departure end of runway, 185' left of centerline, 0' AGL/1549' MSL. terrain beginning 109' from departure end of runway, 63' right of centerline, 0' AGL/1549' MSL.

HOPE, AR

HOPE MUNI (M18)
ORIG 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwys 4, 22,** NA-Rwy closed indefinitely.

NOTE: **Rwy 16,** tree 1395' from DER, 695' left of centerline, 70' AGL/409' MSL. Tree 1307' from DER, 842' right of centerline, 70' AGL/399' MSL. Tree 2217' from DER, on centerline, 70' AGL/399' MSL. **Rwy 34,** trees beginning 504' from DER, 113' right of centerline, up to 70' AGL/460' MSL. Trees beginning 1173' from DER, 59' left of centerline, up to 70' AGL/457' MSL. Bush 39' from DER, 162' left of centerline, 10' AGL/369' MSL. Fence 154' from DER, 474' right of centerline, 11' AGL/371' MSL. Fence 410' from DER, 90' right of centerline, 11' AGL/370' MSL. Terrain 43' from DER, 448' left of centerline, 365' MSL.

HOT SPRINGS, AR

MEMORIAL FIELD

TAKE-OFF MINIMUMS: **Rwy 31**, 1100-3 or std. with a min. climb of 700' per NM to 1700. **Rwy 5**, 1100-3 or std. with a min climb of 820' per NM to 1700. **Rwy 13**, 300-1 or std. with a min. climb of 220' per NM to 700.

DEPARTURE PROCEDURE: **Rwy 5**, climbing right turn via HOT R-065, continue climb to 1700 before departing on course. **Rwys 13,23,31**, climb on runway heading to 1700 before departing on course.

IDABEL, OK

MC CURTAIN COUNTY RGNL

NOTE: **Rwy 2,** trees 1.92 NM from departure end of runway, on centerline, 100' AGL/629' MSL.

JONESBORO, AR

JONESBORO MUNI (JBR)
AMDT 2 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 31,** NA-obstacles.

NOTE: **Rwy 5,** multiple trees beginning 872' from departure end of runway, 459' right of centerline, up to 55' AGL/304' MSL, trees 1226' from departure end of runway, 557' left of centerline, 64' AGL/315' MSL. **Rwy 13,** multiple trees and poles beginning 356' from departure end of runway, 188' right of centerline, up to 48' AGL/304' MSL. Trees and poles beginning 694' from departure end of runway, 81' left of centerline, 45' AGL/278' MSL. Railroad 600' from departure end of runway, 9' left of centerline, up to 19' AGL/275' MSL. **Rwy 23,** multiple trees beginning 2493' from departure end of runway, 282' right of centerline, up to 66' AGL/326' MSL.

LITTLE ROCK, AR

ADAMS FIELD (LIT)
AMDT 8 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18,** 300-1½ or std. w/ min. climb of 391' per NM to 600. **Rwy 22L,** 300-1¾ or std. w/ min. climb of 216' per NM to 500, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway. **Rwy 22R,** 300-2 or std. w/ min. climb of 329' per NM to 1100.

DEPARTURE PROCEDURE**: Rwy 22R,** climb heading 225° to 1100 before turning right. **Rwy 36,** climb heading 360° to 800 before turning left.

NOTE: **Rwy 4L,** tree 1784' from departure end of runway, 787' right of centerline, 100' AGL/339' MSL. **Rwy 4R,** tree 3337' from departure end of runway, 1050' right of centerline, 100' AGL/349' MSL. **Rwy 18,** trees beginning 1147' from departure end of runway, 153' left of centerline, up to 100' AGL/401' MSL. Vehicle/road 2037' from departure end of runway, 177' left of centerline, 17' AGL/313' MSL, railroad 1264' from departure end of runway, 18' left of centerline, 23' AGL/285' MSL. Trees beginning 1473' from departure end of runway, 132' right of centerline, up to 100' AGL/479' MSL, elevator 4633' from departure end of runway, 371' right of centerline, 88' AGL/399' MSL. Train 60' from departure end of runway, 470' right of centerline, 23' AGL/282' MSL. Stack 4873' from departure end of runway, 75' right of centerline, 87' AGL/402' MSL. Railroad crossing guard 489' from departure end of runway, 545' right of centerline, 26' AGL/282' MSL. Railroad 777' from departure end of runway, 537' right of centerline, 23' AGL/277' MSL. **Rwy 22L,** trees, beginning 782' from departure end of runway, 174' left of centerline, up to 100' AGL/419' MSL. Obstruction light poles, beginning 2130' from departure end of runway, 754' left of centerline, up to 100' AGL/364' MSL. Building 1310' from departure end of runway, 820' left of centerline, 25' AGL/300' MSL. Trees, beginning 4728' from departure end of runway, 1423' right of centerline, up to 100' AGL/499' MSL. Light 982' from departure end of runway, 503' right of centerline, 100' AGL/295' MSL. **Rwy 22R,** trees beginning 1236' from departure end of runway, 407' left of centerline, up to 100' AGL/512' MSL. Railroad 969' from departure end of runway, 731' left of centerline, 26' AGL/285' MSL. Antenna 9769' from departure end of runway, 2625' left of centerline, 119' AGL/508' MSL. Train 441' from departure end of runway, 608' right of centerline, 23' AGL/282' MSL. Poles beginning 948' from departure end of runway, 101' right of centerline, up to 34' AGL/293' MSL. Building 1169' from departure end of runway, 420' right of centerline, 32' AGL/291' MSL. Trees beginning 1702' from departure end of runway, 356' right of centerline, up to 100' AGL/311' MSL. Railroad crossing guard 819' from departure end of runway, 216' right of centerline, 23' AGL/282' MSL. Antenna 349' from departure end of runway, 479' right of centerline, 18' AGL/267' MSL. **Rwy 36,** trees beginning 449' from departure end of runway, 15' left of centerline, up to 100' AGL/370' MSL. Pole 904' from departure end of runway, 386' left of centerline, 41' AGL/300' MSL. Tower 1669' from departure end of runway, 505' left of centerline, 60' AGL/313' MSL. Trees beginning 350' from departure end of runway, 408' right of centerline, up to 100' AGL/347' MSL. Pole 902' from departure end of runway, 25' right of centerline, 42' AGL/301' MSL.

09351

LITTLE ROCK AFB (KLRF)

JACKSONVILLE, AR 08045

DEPARTURE PROCEDURE: **Rwy 25:** Cross DER at least 13' AGL/299 MSL. 467' (80' AGL) trees, 6528' from departure end of rwy, 2248' left of centerline. TAKE-OFF OBSTACLES: Rwy 07: Multiple trees up to 80' AGL/367' MSL, 1045' from DER, 724' right of centerline. Multiple trees up to 80' AGL/370' MSL, 1433' from DER, 674' left of centerline. **Rwy 07** (Assault Strip): Terrain 299' MSL, 26' from DER, 337' left of centerline. Terrain 292' MSL, 32' from DER, 413' right of centerline. Multiple trees 80' AGL/384' MSL, 1882' from DER, 536' left of centerline. Multiple trees 80' AGL/367' MSL, 2960' from DER, 1174' right of centerline. **Rwy 25**: Multiple trees 80' AGL/364' MSL, 1006' from DER, 722' right of centerline. Multiple trees 80' AGL/400' MSL, 4200' from DER, 757' left of centerline. **Rwy 25** (Assault Strip): Terrain 312' MSL, 4' from DER, 372' right of centerline. Multiple trees 80' AGL/436' MSL, 1387' from DER, 840' right of centerline.

MADILL, OK

MADILL MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 1000-3 or std. with a min. climb of 325' per NM to 3000.

DEPARTURE PROCEDURE: **Rwy 36**, climb runway heading to 2600 before turning southbound. **Rwy 18**, plan departure to avoid 2584' tower 6 NM south of airport or maintain climb of 325' per NM to 3000.

MAGNOLIA, AR

MAGNOLIA MUNI

NOTE: **Rwy 18,** 100' AGL tree 1950' from departure end of runway, 350' left of centerline.

MALVERN, AR

MALVERN MUNI

NOTE: **Rwy 4,** multiple trees beginning 456' from departure end of runway, 1' left of centerline, up to 100' AGL/649' MSL. Multiple trees beginning 456' from departure end of runway, 1' right of centerline, up to 100' AGL/649' MSL. **Rwy 22,** multiple trees and powerlines beginning 241' from departure end of runway, 1' left of centerline, up to 75' AGL/604' MSL. Multiple trees and powerlines beginning 241' from departure end of runway, 1' right of centerline, up to 75' AGL/ 604' MSL.

MC ALESTER, OK

MC ALESTER RGNL (MLC)

ORIG-A 09183 (FAA)

TAKE-OFF MINIMUMS: **Rwy 2,** 300-1½ or std. w/ a min. climb of 318' per NM to 1100. **Rwy 20,** 300-2 or std. w/ a min. climb of 232' per NM to 1100 or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to DER.

NOTE: **Rwy 2,** light standard, tree and pole beginning 203' from DER, 302' right of centerline, up to 59' AGL/828' MSL. Pole 104' from DER, 276' left of centerline, 31' AGL/780' MSL. Tree 5344' from DER, 1912' left of centerline, 100' AGL/989' MSL. **Rwy 20,** multiple trees and poles beginning 715' from DER, 66' right and 97' left of centerline, up to 50' AGL/934' MSL. Radio mast 9021' from DER, 2565' right of centerline, 266' AGL/985' MSL.

MELBOURNE, AR

MELBOURNE MUNI-JOHN E MILLER FIELD

TAKE-OFF MINIMUMS: **Rwy 21,** 300-1¼ or std. with a min. climb of 211' per NM to 1000.

NOTE: **Rwy 21,** water tank 1.1 NM from departure end of runway, 49' left of centerline, 105' AGL/939' MSL.

MENA, AR

MENA INTERMOUNTAIN MUNI

TAKE-OFF MINIMUMS: **Rwy 9,** std. with a min. climb of 284' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 17,** std. with a min. climb of 426' per NM to 3400, or 1300-2½ for climb in visual conditions. **Rwy 27,** std. with a min. climb of 408' per NM to 3500, or 1300-2½ for climb in visual conditions. **Rwy 35,** std. with a min. climb of 293' per NM to 3400, or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 9, 17, 27, 35,** for climb in visual conditions: cross Mena Intermountain Municipal Airport at or above 2300.

NOTE: **Rwy 27,** trees 2.01 NM from departure end of runway, on centerline, 100' AGL/1759' MSL.

MONTICELLO, AR

MONTICELLO MUNI/ELLIS FIELD (LLQ)

ORIG 08213 (FAA)

TAKE-OFF MINIMUMS: **Rwy 21,** 200-1¼ or std. w/ min. climb of 436' per NM to 600.

NOTE: **Rwy 3,** tree 278' from departure end of runway, 544' left of centerline, 100' AGL/349' MSL. Vehicle on road 625' from departure end of runway, 628' right of centerline, 15' AGL/264' MSL. **Rwy 21,** tree 3687' from departure end of runway, 819' left of centerline, 100' AGL/469' MSL. Vehicle on road 1000' from departure end of runway, 676' left of centerline, 15' AGL/294' MSL. Trees beginning 435' from departure end of runway, 607' right of centerline, up to 100' AGL/399' MSL. Powerline 5621' from departure end of runway, 994' right of centerline, 79' AGL/458' MSL. Powerline 4504' from departure end of runway, 1652' right of centerline, 79' AGL/388' MSL.

MORRILTON, AR

MORRILTON MUNI (BDQ)

ORIG-A 08129 (FAA)

TAKE-OFF MINIMUMS: **Rwy 27,** Std. w/ min. climb of 211' per NM to 1600 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 27,** For climb in visual conditions cross Morrilton Municipal Airport at or above 1100 MSL before proceeding on course.

NOTE: **Rwy 9,** trees beginning 321' from departure end of runway, 511' right of centerline up to 100' AGL/419' MSL. Trees beginning 3378' from departure end of runway, 346' left of centerline, up to 100' AGL/449' MSL. **Rwy 27,** trees beginning 814' from departure end of runway, 317' left of centerline up to 100' AGL/399' MSL. Trees beginning 1552' from departure end of runway, 6' right of centerline up to 100' AGL/429' MSL.

PETIT JEAN PARK

TAKE-OFF MINIMUMS: **Rwy 21,** 400-2 or std. with a min. climb of 420'per NM to 1400.

DEPARTURE PROCEDURE: **Rwy 3**, climb runway heading to 1300 before turning.

09351

MOUNTAIN HOME, AR

OZARK RGNL

TAKE-OFF MINIMUMS: **Rwy 5,** 300-1 or std. with a min. climb of 270' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 5**, turn right. **Rwy 23,** turn left: **All aircraft** proceed direct via FLP VOR/DME then climb on course.

MOUNTAIN VIEW, AR

MOUNTAIN VIEW WILCOX MEMORIAL FIELD

TAKE-OFF MINIMUMS: **Rwy 9**, 1000-3 or std. with a min. climb of 370' per NM to 2100. **Rwy 27**, 1800-3 or std. with a min. climb of 350' per NM to 3100.

DEPARTURE PROCEDURE: **Rwy 9**, climb via heading 092° to 2100 before turning. **Rwy 27**, climb via heading 272° to 3100 before turning.

MULDROW AHP (KHMY)

LEXINGTON, OK . . . . . ORIG, 08213

TAKE-OFF OBSTACLES: **Rwy 17,** trees, poles, buildings and fence, up to 60' AGL/1149' MSL, 17' from DER, left and right of centerline. **Rwy 35,** trees, pole and NDB, up to 70' AGL/1161' MSL, 45' from DER, left and right of centerline.

MUSKOGEE, OK

DAVIS FIELD (MKO)

ORIG 08213 (FAA)

TAKE-OFF MINIMUMS: **Rwys 18, 36,** NA-Environmental. **Rwy 22,** 200-1½ or std. w/ min. climb of 436' per NM to 900. **Rwy 31,** 300-1½ or std. w/ min.

DAVIS FIELD (MKO)(CONT'D)

climb of 217' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200'per NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway.

NOTE: **Rwy 22,** tree 3637' from departure end of runway, 985' right of centerline, 100' AGL/809' MSL. **Rwy 31,** tree 7679' from departure end of runway, 851' left of centerline, 100' AGL/819' MSL.

NEWPORT, AR

NEWPORT MUNI (M19)

ORIG 08269 (FAA)

NOTE: **Rwy 22,** building beginning 1947' from departure end of runway, 452' right of centerline, 60' AGL/299' MSL. **Rwy 36,** trees 2163' from departure end of runway, 939' left of centerline, up to 100' AGL/339' MSL.

NORMAN, OK

UNIVERSITY OF OKLAHOMA WESTHEIMER

NOTE: **Rwy 3,** multiple elevators, tower, and cement hopper beginning 1452' from departure end of runway, 358' right of centerline, up to 56' AGL/1236' MSL. **Rwy 21,** terrain 167' from departure end of runway, 506' right of centerline, 1182' MSL. **Rwy 35,** multiple poles beginning 699' from departure end of runway 518' right of centerline, up to 37' AGL/1215' MSL.

NORTH LITTLE ROCK, AR

NORTH LITTLE ROCK MUNI

NOTE: **Rwy 5,** 80' AGL tree 360' from departure end of runway, 500' right of centerline. **Rwy 35,** 45' AGL trees 650' from departure end of runway, 300' left of centerline; 85' AGL tree 700' from departure end of runway, 600' right of centerline.

OKLAHOMA CITY, OK

CLARENCE E. PAGE MUNI

NOTE: **Rwy 17R,** multiple trees beginning 43' from departure end of runway, 331' right of centerline, 15' AGL/1348' MSL. Multiple trees beginning 260' from departure end of runway, 345' left of centerline, 37' AGL/1366' MSL. **Rwy 35L,** bush 90' from departure end of runway, 482' left of centerline, 8' AGL/1358' MSL.

SUNDANCE AIRPARK

TAKE-OFF MINIMUMS: **Rwy 17**, 400-1.

WILL ROGERS WORLD

NOTE: **Rwy 35L,** post 47' from departure end of runway, 495' left of centerline, 14' AGL/1287' MSL. **Rwy 36,** obstruction light on lighted WSK 678' from departure end of runway, 153' left of centerline, 31' AGL/1295' MSL.

WILEY POST (PWA)

AMDT 4 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17L,** 200-1 or std. with a min. climb of 310' per NM to 1600.

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 127° to 2300 before turning left. **Rwys 35L,35R,** climb heading 352° to 1900 before turning right.

NOTE: **Rwy 13,** multiple trees 2032' from departure end of runway, 405' left of centerline, 50' AGL/1359' MSL. Multiple hangars 466' from departure end of runway, 465' left of centerline, 17' AGL/1316' MSL. Multiple hangars 1348' from departure end of runway, 604' right of centerline, 35' AGL/1334' MSL. **Rwy 17L,** multiple tanks 4592' to 6210' from departure end of runway, 1220' to 1385' left of centerline, up to 148' AGL/1478' MSL. Multiple trees 1292' to 1360' from departure end of runway, 645' to 727' right of centerline, up to 50' AGL/1345' MSL. **Rwy 17R,** windsock 326' from departure end of runway, 421' left of centerline, 20' AGL/1305' MSL. **Rwy 31,** road with vehicle 556' from departure end of runway, 319' left of centerline, 15' AGL/1289' MSL. **Rwy 35L,** multiple trees 706' from departure end of runway, 560' left of centerline, 50' AGL/1329' MSL. Spire 2442' from departure end of runway, 900' left of centerline, 86' AGL/1366' MSL.

OKMULGEE, OK

OKMULGEE RGNL

DEPARTURE PROCEDURE: **Rwy 36,** climb heading 356° to 1600 before proceeding on course.

NOTE: **Rwy 18,** multiple trees beginning 1303' from departure end of runway, 69' left of centerline, up to 100' AGL/779' MSL. Multiple trees beginning 1699' from departure end of runway, 12' right of centerline, up to 100' AGL 779' MSL.

09351

OSCEOLA, AR

OSCEOLA MUNI

TAKE-OFF MINIMUMS: **Rwy 1,** 300-1.

NOTE: **Rwy 1,** 180' AGL antenna 3003' from departure end of runway, 20' right of centerline.

OZARK, AR

OZARK-FRANKLIN COUNTY

TAKE-OFF MINIMUMS: **Rwy 4**, 400-2 or std. with a min. climb of 492' per NM to 1400. **Rwy 22,** std. with a min. climb of 282' per NM to 1400, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 4,** climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course. **Rwy 22,** climbing right turn to 3000 via FSM R-064 to FSM VORTAC before proceeding on course, or for climb in visual condtions cross Ozark-Franklin County Airport southwest bound at or above 1600 then climb to 3000 via FSM R-064 to FSM VORTAC before proceeding on course.

NOTE: **Rwy 4,** trees beginning 1906' from departure end of runway, 100' left of centerline, up to 100' AGL/959' MSL. Trees beginning 3412' from departure end of runway, 6' right of centerline, up to 100' AGL/959' MSL. Tower 1.1 NM from departure end of runway, 470' left of centerline, 205' AGL/995' MSL. **Rwy 22,** rising terrain and trees beginning 1.6 NM from departure end of runway, 1017' right of centerline, up to 100' AGL/999' MSL. Rising terrain and trees beginning 2.7 NM from departure end of runway, on centerline, up to 100' AGL/1079' MSL.

PARAGOULD, AR

KIRK FIELD

TAKE-OFF MINIMUMS: **Rwy 4,** 300-1 or std. with a min. climb of 333' per NM to 600. **Rwys 8, 26,** NA-unsurveyed turf runways. **Rwy 22,** 200-1.

NOTE: **Rwy 4,** tank 5070' from departure end of runway, 883' right of centerline, 190' AGL/470' MSL. Road 1285' from departure end of runway, on centerline, 289' MSL. Sign 1506' from departure end of runway, 135' right of centerline, 50' AGL/331' MSL. **Rwy 22,** sign 311' from departure end of runway, 285' right of centerline, 30' AGL/325' MSL. Road 300' from departure end of runway, on centerline, 295' MSL.

PONCA CITY, OK

PONCA CITY RGNL (PNC)

ORIG 07354 (FAA)

NOTE: **Rwy 17,** multiple buildings, poles, and antenna beginning 195' from departure end of runway, 303' right of centerline, up to 81' AGL/1071' MSL. Trees and pole 1304' from departure end of runway, from 400' left of centerline, 70' AGL/1061' MSL. **Rwy 35,** antenna on building 10' from departure end of runway, 437' right of centerline, 13' AGL/1013' MSL. Trees 1475' from departure end of runway, 350' right of centerline 50' AGL/1030' MSL.

POTEAU, OK

ROBERT S. KERR

DEPARTURE PROCEDURE: **Rwy 18,** climb runway heading to 2500 before turning on course. **Rwy 36,** climb runway heading to 2800 before turning on course.

NOTE: **Rwy 36,** cross departure end of runway at or above 16' AGL/461' MSL.

PRYOR, OK

MID-AMERICA INDUSTRIAL

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb to 1400 before turning on course.

ROGERS, AR

ROGERS MUNI-CARTER FIELD

NOTES: **Rwy 20**, multiple towers and trees beginning 393' from departure end of runway, 209' right of centerline, up to 122' AGL/1462' MSL. Multiple towers and trees beginning 567' from departure end of runway, 81' left of centerline, up to 108' AGL/1469' MSL.

RUSSELLVILLE, AR

RUSSELLVILLE RGNL

TAKE-OFF MINIMUMS: **Rwy 7,** 500-2 or std. with a min. climb of 490' per NM to 900. **Rwy 25,** 1800-3 or std. with a min. climb of 230' per NM to 2200.

NOTE: **Rwy 7,** building, 3192' from departure end of runway, 204' left of centerline, 50' AGL/520' MSL.

SALLISAW, OK

SALLISAW MUNI

TAKE-OFF MINIMUMS: **Rwy 17,** 400-2 or std. with a min. climb of 210' per NM to 1000. **Rwy 35,** 700-2 or std. with a min. climb of 470' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 1000 before turning. **Rwy 35,** climbing left turn to 1500 on heading 180° before proceeding on course.

SAND SPRINGS, OK

WILLIAM R. POGUE MUNI (OWP)

AMDT 2 09071 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 260' per NM to 1300.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 169° to 2500 before turning left. **Rwy 35,** climb heading 349° to 2500 before turning right.

NOTE: **Rwy 17,** trees beginning 75' from DER, 121' left and right of centerline, up to 100' AGL/940' MSL. Vehicles 83' from DER, 35' left and right of centerline, 15' AGL/905' MSL. **Rwy 35,** vehicles 83' from DER, 35' left of centerline, 15' AGL/905' MSL. Trees 1.24 NM from DER, 671' left of centerline, up to 100' AGL/1126' MSL.

SEMINOLE, OK

SEMINOLE MUNI

NOTE: **Rwy 16,** powerline 419' from departure end of runway, 403' left of centerline, 46' AGL/1025' MSL.

SILOAM SPRINGS, AR

SMITH FIELD

NOTE: **Rwy 18,** light pole 1320' from departure end of runway, 358' right of centerline, 31' AGL/1209' MSL. Trees 795' from departure end of runway, 354' left of centerline, up to 25' AGL/1197' MSL. Trees 1272' from departure end of runway, 340' right of centerline, up to 34' AGL/1212' MSL. **Rwy 36,** power pole 1185' from departure end of runway, 567' right of centerline, 31' AGL/1223' MSL. Trees 528' from departure end of runway, 424' left of centerline, up to 54' AGL/1241' MSL. Trees 532' from departure end of runway, 354' right of centerline, up to 39' AGL/1232' MSL.

09351

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

09351

SPRINGDALE, AR

SPRINGDALE MUNI

TAKE-OFF MINIMUMS: **Rwy 36**, 400-2 or std. with a min. climb of 260' per NM to 1900.

DEPARTURE PROCEDURE: **Rwys 18, 36,** climb runway heading to 1900 prior to turning on course or as directed by ATC.

NOTE: **Rwy 36,** 70' AGL/1422' MSL trees 4406' from departure end of runway, 522' right of centerline. 70' AGL/1409' MSL trees 2734' from departure end of runway, 325' right of centerline. 70' AGL/1403' MSL trees 2783' from departure end of runway, 42' right of centerline. 70' AGL/1418' MSL trees 3075' from departure end of runway, 329' right of centerline. 70' AGL/1389' MSL trees 1659' from departure end of runway, 326' right of centerline.

STUTTGART, AR

STUTTGART MUNI

NOTE: **Rwy 18,** tree 108' from departure end of runway, 286' right of centerline, 9' AGL/227' MSL. **Rwy 27,** tree 188' from departure end of runway, 152' left of centerline, 7' AGL/227' MSL.

TAHLEQUAH, OK

TAHLEQUAH MUNI (TQH)

AMDT 1 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1½ or std. w/ min. climb of 345' per NM to 1200.

NOTE: **Rwy 17,** trees beginning 80' from departure end of runway, 16' right of centerline, up to 60' AGL/911' MSL. Trees and poles beginning 139' from departure end of runway, 337' left of centerline, up to 34' AGL/855' MSL. Light 1042' from departure end of runway, 403' left of centerline, 29' AGL/878' MSL. **Rwy 35,** poles and trees beginning 23' from departure end of runway, 42' left of centerline, up to 56' AGL/1075' MSL. Poles and trees beginning 1334' from departure end of runway, 29' right of centerline, up to 40' AGL/1058' MSL. Building 4492' from departure end of runway, 889' left centerline, 24' AGL/1024' MSL.

TEXARKANA, AR

TEXARKANA RGNL-WEBB FIELD (TXK)

AMDT 4 07354 (FAA)

NOTE: **Rwy 4,** multiple trees 881' from departure end of runway, 677' left of centerline, 60' AGL/419' MSL. Multiple trees 767' from departure end of runway, 621' right of centerline, 75' AGL/434' MSL. **Rwy 13,** multiple trees 21' from departure end of runway, 372' left of centerline, 75' AGL/424' MSL. Multiple trees 1819' from departure end of runway, 133' left of centerline, 99' AGL/438' MSL. Multiple trees beginning 237' from departure end of runway, 344' right of centerline, 98' AGL/457' MSL. **Rwy 22,** multiple trees beginning 122' from departure end of runway, 276' left of centerline, 47' AGL/406' MSL. Multiple trees beginning 132' from departure end of runway, 348' right of centerline, 71' AGL/400' MSL. **Rwy 31,** vehicle on road 346' from departure end of runway, on centerline, 15' AGL/391' MSL. Multiple trees 535' from deaprture end of runway, 124' left of centerline, 60' AGL/391' MSL. Mutliple trees beginning 454' from departure end of runway, 349' right of centerline, 70' AGL/429' MSL. Multiple trees 1962' from departure end of runway, 195' left of centerline, 60' AGL/429' MSL

TINKER AFB (KTIK),

OKLAHOMA CITY, OK 09043

DEPARTURE PROCEDURE: **Rwy 30,** climb on track 306° to 4000 prior to executing a right turn, left turns may be initiated at 1800. **Rwy 35,** intercept TIK R-354 climbing to 4000 prior to executing left turn.

TAKE-OFF OBSTACLES: **Rwy 30,** Trees 47' AGL/1267' MSL, 1778' from DER, 927' right of centerline. Monument 41' AGL/1264' MSL, 1473' from DER, 1337' right of centerline. Trees 28' AGL/1245' MSL, 2862' from DER, 1641' right of centerline.

TULSA, OK

RICHARD LLOYD JONES JR (RVS)

AMDT 6 08297 (FAA)

TAKE-OFF MINIMUMS: **Rwy 31,** 300-1¾ or std. w/ min. climb of 470' per NM to 1100.

DEPARTURE PROCEDURE: **Rwys 1L, 1R,** climb heading 007° to 1400 before proceeding on course. **Rwy 13,** climb heading 127° to 1400 before proceeding on course. **Rwys 19L, 19R,** climb heading 187° to 1400 before proceeding on course. **Rwy 31,** climb heading 307° to 1700 before proceeding on course.

NOTE: **Rwy 1L,** tree 1492' from departure end of runway, 627' right of centerline, 81' AGL/700' MSL **Rwy 1R,** railroad 163' from departure end of runway, 226' right of centerline, 23' AGL/669' MSL. Tree 250' from departure end of runway, 236' right of centerline, 45' AGL/669' MSL. Pole 582' from departure end of runway, 330' right of centerline, 49' AGL/673' MSL. Pole 992' from departure end of runway, 117' right of centerline, 40' AGL/664' MSL. Tree 1844' from departure end of runway, 74' left of centerline, 81' AGL/700' MSL. **Rwy 13,** building 717' from departure end of runway, 514' right of centerline, 25' AGL/641' MSL. Tree 1961' from departure end of runway, 92' left of centerline, 50' AGL/679' MSL. Tree 2021' from departure end of runway, 461' right of centerline, 76' AGL/695' MSL. Tree 2287' from departure end of runway, 102' right of centerline, 79' AGL/698' MSL. Tree 2438' from departure end of runway, 31' left of centerline, 80' AGL/699' MSL. Tree 2697' from departure end of runway, 323' right of centerline, 90' AGL/709' MSL. Trees beginning 2292' from departure end of runway, 655' right of centerline, up to 100' AGL/729' MSL. **Rwy 19L,** tree 791' from departure end of runway, 311' left of centerline, 46' AGL/665' MSL. Tree 1379' from departure end of runway, 457' left of centerline, 64' AGL/683' MSL. Trees beginning 3858' from departure end of runway, 620' left of centerline, up to 100' AGL/719' MSL. **Rwy 19R,** tree 2247' from departure end of runway, 1020' left of centerline, 56' AGL/685' MSL. Trees beginning 3296' from departure end of runway, 1323' left of centerline, up to 100' AGL/714' MSL. **Rwy 31,** hangar, 507' from departure end of runway, 344' right of centerline, 21' AGL/640' MSL. Trees beginning 1372' from departure end of runway, from 265' left of centerline to 248' right of centerline, up to 95' AGL/714' MSL. Tree 2161' from departure end of runway, 74' left of centerline, 102' AGL/721' MSL. Trees beginning 1965' from departure end of runway, 909' left of centerline, up to 100' AGL/739' MSL. Transmission line towers beginning 2732' from departure end of runway, 28' right of centerline, up to 107' AGL/773' MSL.

09351

TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TULSA, OK (CON'T)

TULSA INTL

TAKE-OFF MINIMUMS: **Rwy 18R**, 200-1 or std. with a min. climb of 210' per NM to 900.

DEPARTURE PROCEDURE: Comply with SID or as cleared.

VANCE AFB (KEND)

ENID, OK 09323

TAKE-OFF OBSTACLES:

Rwy 17C: Barrier (when raised) 24' AGL/1321' MSL, 154' into overrun, on centerline.

Rwy 17L: Terrain, 1293' MSL, 239' from DER, 55' left of centerline. Terrain, 1295' MSL, abeam departure end of runway, 156' right of centerline. Wind sensor, 33' AGL/1325' MSL, 211' from DER, 578' right of centerline. T-1 aircraft on taxiway, 14' AGL/1298' MSL, 204' from DER, 186' right of centerline. T-1 aircraft on taxiway, 14' AGL/1303' MSL, 383' from DER, 574' left of centerline. Trees, 70' AGL/1349' MSL, 2479' from DER, 1136' left of centerline. Trees, 70' AGL/1355' MSL, 1620' from DER, 944' left of centerline.

Rwy 17R: Barrier (when raised), 24' AGL/1336' MSL, 152' into overrun, on centerline.

Rwy 35C: Barrier (when raised), 24' AGL/1301' MSL, 147' into overrun, on centerline.

Rwy 35L: Barrier (when raised), 24' AGL/1303' MSL, 149' into overrun, on centerline.

Rwy 35R: Wind sensor, 33' AGL/1299' MSL, 1884' from DER, 577' left of centerline. Vehicle on road, 10' AGL/1284' MSL, 144' from DER, 292' left of centerline. T-1 aircraft on taxiway, 14' AGL/1280' MSL, 211' from DER, 574' right of centerline.

WAGONER, OK

HEFNER-EASLEY (H68)

ORIG 08045 (FAA)

NOTE: **Rwy 36,** Multiple trees beginning 167' from departure end of runway, 544' right of centerline, up to 100' AGL/709' MSL.

WATONGA, OK

WATONGA RGNL

TAKE-OFF MINIMUMS: **Rwy 17**, 400-2 or std. with a min. climb of 315' per NM to 2000.

NOTE: **Rwy 17,** vehicle on road 165' from departure end of runway, 471' left of centerline, 15' AGL/1554' MSL. Elevator 5609' from departure end of runway, 614' left of centerline, 177' AGL/1694' MSL. **Rwy 35,** trees beginning 3318' from departure end of runway, 435' left of centerline, up to 100' AGL/1689' MSL. Vehicle on road 284' from departure end of runway, 471' right of centerline, 15' AGL/1584' MSL.

WEATHERFORD, OK

THOMAS P. STAFFORD

DEPARTURE PROCEDURE: **Rwy 17,** climb via heading 188° to 2500 before proceeding on course.

NOTE: **Rwy 17,** truck on road 682' from departure end of runway, crossing centerline, 17' AGL/1636' MSL, multiple trees beginning 2605' from departure end of runway, 652' right of centerline, up to 100' AGL/1699' MSL. **Rwy 35,** tree 1421' from departure end of runway, 413' right of centerline, 40' AGL/1649' MSL.

WEST MEMPHIS, AR

WEST MEMPHIS MUNI

TAKE-OFF MINIMUMS: **Rwy 17,** NOTE: 101' AGL trees 2155' from departure end of rwy, 196' right of centerline.

WOODWARD, OK

WEST WOODWARD

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 172° to 3100 before proceeding on course.

WAAS	APP CRS	Rwy Idg	6203
CH 61012	174°	TDZE	1016
W17A		Apt Elev	1016

RNAV (GPS) RWY 17

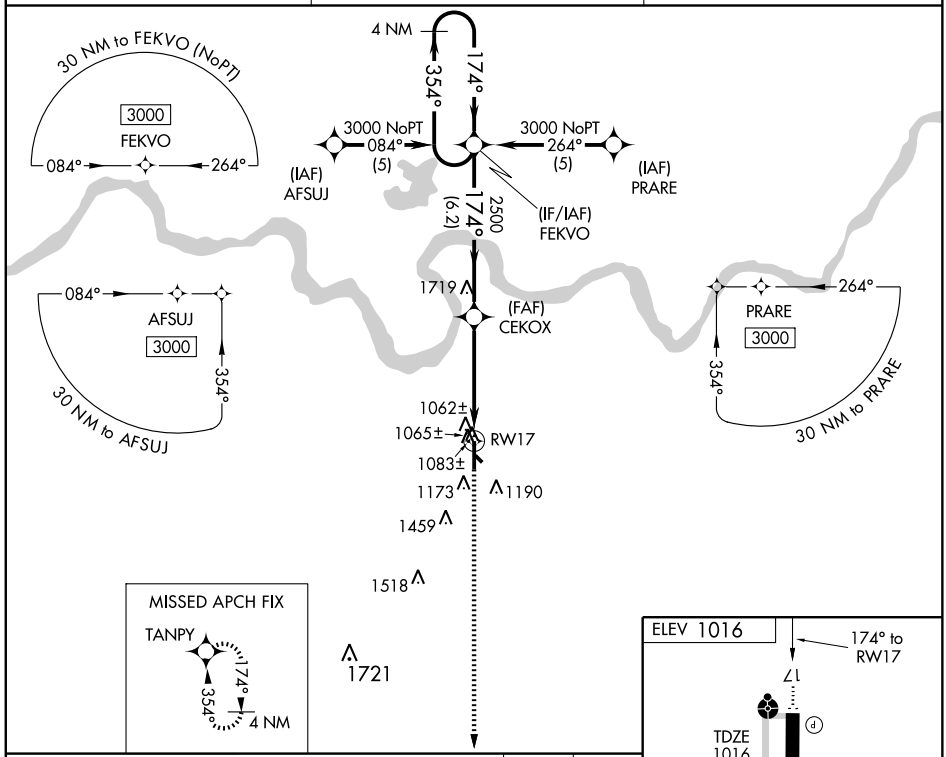
ADA MUNI (ADH)

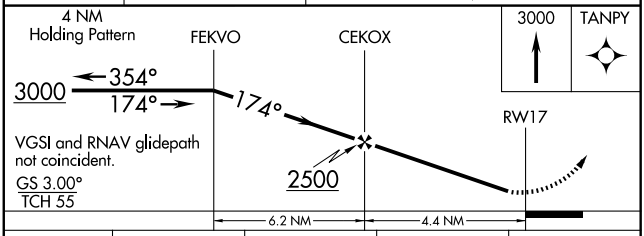
Inoperative table does not apply. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling to Rwy 31 NA at night. Baro-VNAV NA when using Seminole altimeter setting. When local altimeter setting not received, use Seminole altimeter setting and increase all DA 66 feet and all MDA 80 feet, increase LPV all Cats, LNAV/VNAV all Cats, and LNAV Cat C visibility ¼ mile.

ODALS

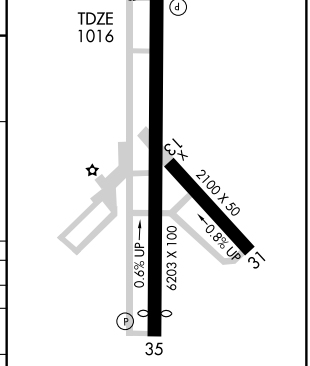
MISSED APPROACH: Climb to 3000 direct TANPY and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.725	128.1 327.15	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1304-1	288 (300-1)		NA
LNAV/VNAV DA	1335-1	319 (400-1)		NA
LNAV MDA	1380-1	364 (400-1)		NA
CIRCLING	1520-1	504 (600-1)	1520-1½ 504 (600-1½)	NA



MIRL Rwy 17-35 L
REIL Rwy 35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70412 W35A	APP CRS 354°	Rwy Idg 6103 TDZE 995 Apt Elev 1016

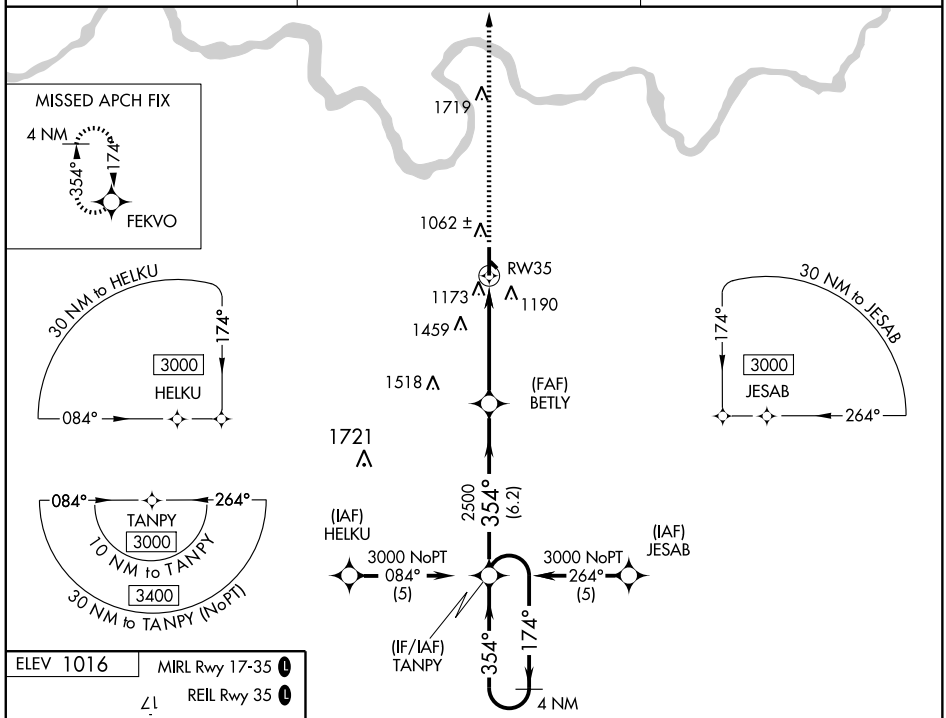
RNAV (GPS) RWY 35

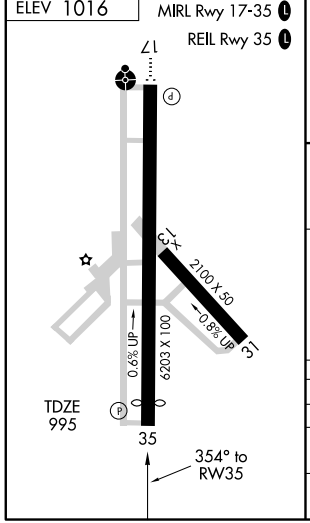
ADA MUNI (ADH)

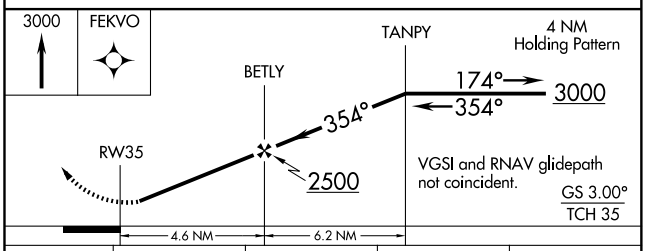
Circling to Rwy 31 NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Seminole altimeter setting and increase all DA 66 feet and all MDA 80 feet, increase LPV all Cats, LNAV Cat C and circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct FEKVO and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.725	128.1 327.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1263-1 268 (300-1)			NA
LNAV MDA	1600-1 605 (600-1)		1600-1¾ 605 (600-1¾)	NA
CIRCLING	1600-1 584 (600-1)		1600-1¾ 584 (600-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME ADH	APP CRS	Rwy Idg	N/A
117.8	351°	TDZE	N/A
Chan 125		Apt Elev	1016

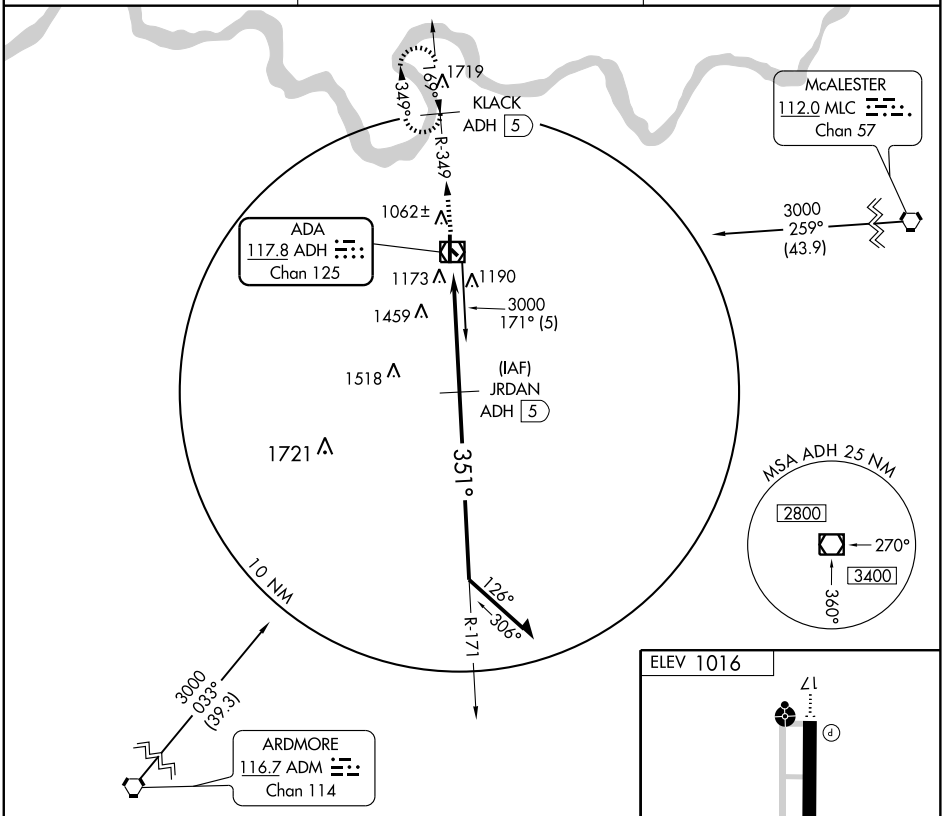
VOR/DME-A
ADA MUNI (ADH)

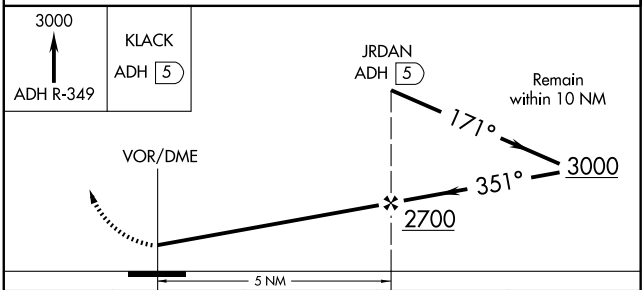
NA

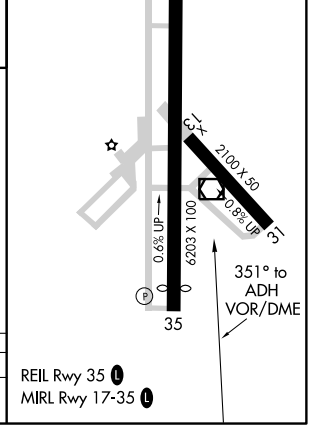
Circling to Rwy 31 not authorized at night.

MISSED APPROACH: Climb to 3000 via ADH R-349 to KLACK/5 DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.725	128.1 327.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1560-1	544 (600-1)	1560-1½ 544 (600-1½)	NA

REIL Rwy 35 L
MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME ADH	APP CRS	Rwy Idg	6103
117.8	169°	TDZE	1016
Chan 125		Apt Elev	1016

VOR/DME RWY 17

ADA MUNI (ADH)

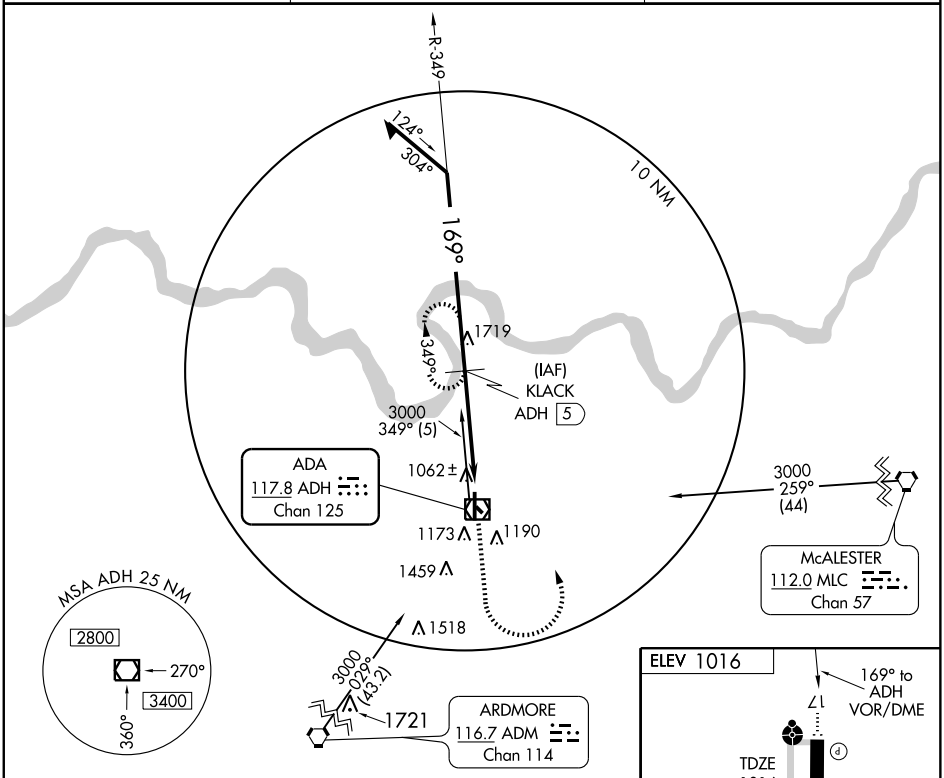
Circling to Rwy 31 not authorized at night.

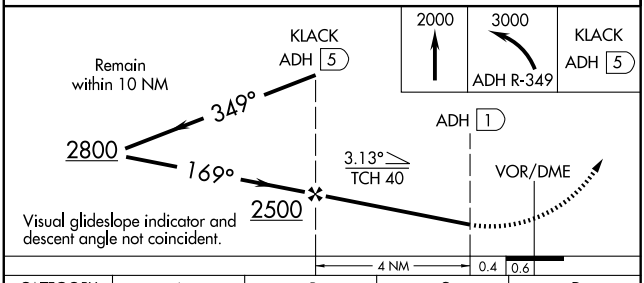
NA

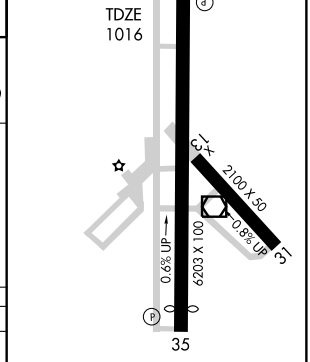
ODALS

MISSED APPROACH: Climb to 2000, then climbing left turn to 3000 via ADH R-349 to KLACK 5 DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.725	128.1 327.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	1400-1 384 (400-1)			NA
CIRCLING	1520-1 504 (600-1)		1520-1½ 504 (600-1½)	NA

REIL Rwy 35 L

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5501
CH 86216	172°	TDZE	1433
W17A		Apt Elev	1433

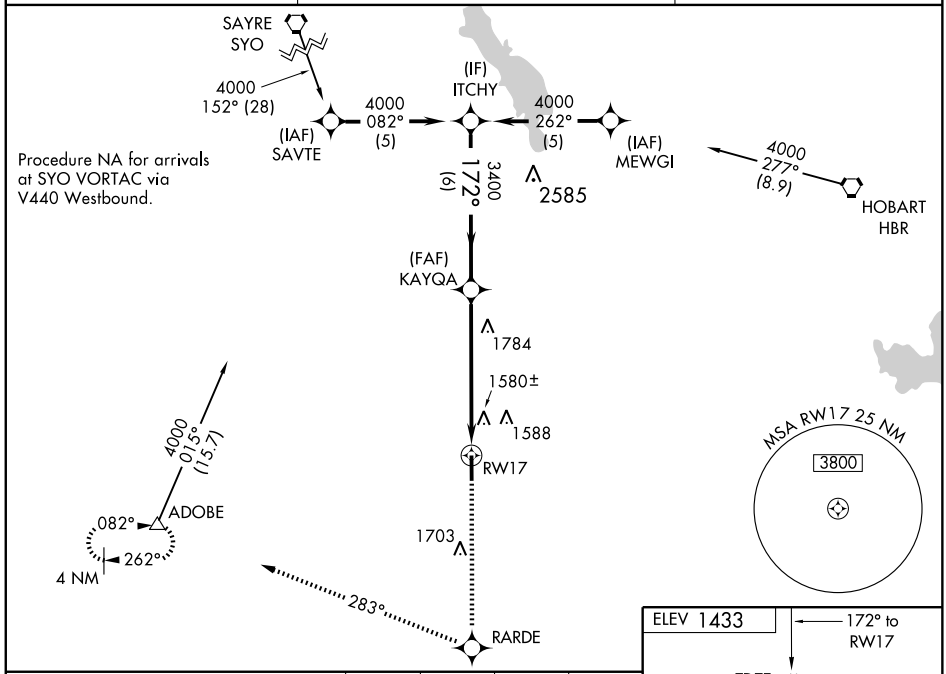
RNAV (GPS) RWY 17

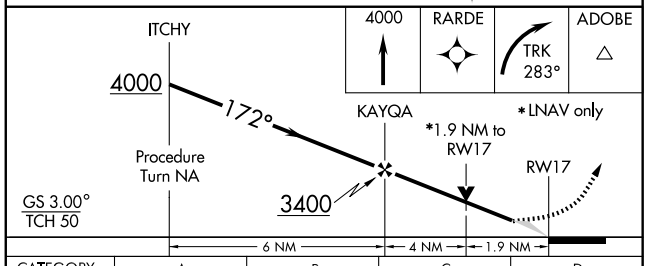
ALTUS/QUARTZ MOUNTAIN RGNL (AXS)

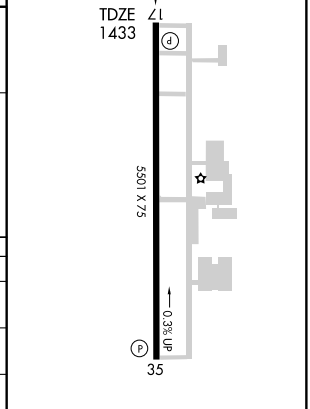
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Hobart altimeter setting and increase all DA 71 feet and all MDA 80 feet, increase LPV and LNAV/VNAV all Cats, LNAV Cat B and Circling Cat B visibility ¼ mile, increase LNAV Cat C and Circling Cat C visibility ½ mile. Baro-VNAV and VDP NA when using Hobart altimeter setting.

MISSED APPROACH: Climb to 4000 direct RARDE and right turn via track 283° to ADOBE and hold.

AWOS-3	ALTUS APP CON*	UNICOM
118.825	125.1 259.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1713-1 280 (300-1)			NA
LNAV/VNAV DA	1925-1¾ 492 (500-1¾)			NA
LNAV MDA	2100-1 667 (700-1)		2100-1¾ 667 (700-1¾)	NA
CIRCLING	2100-1 667 (700-1)		2100-1¾ 667 (700-1¾)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5501
CH 93914	352°	TDZE	1423
W35A		Apt Elev	1433

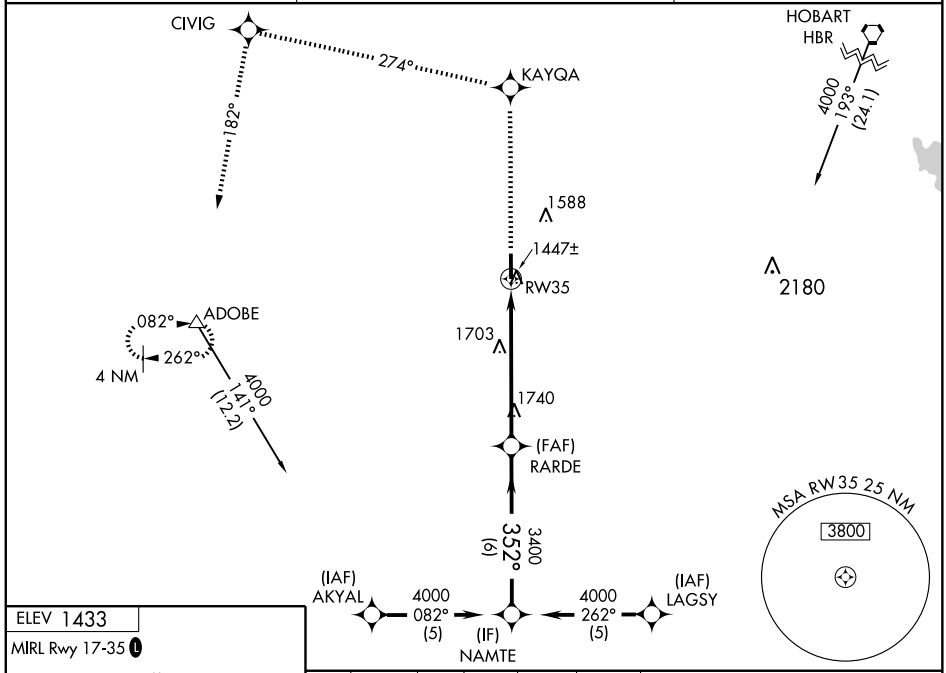
RNAV (GPS) RWY 35

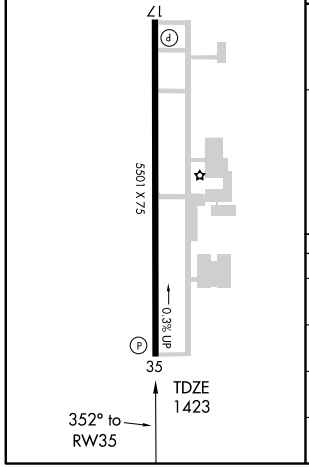
ALTUS/QUARTZ MOUNTAIN RGNL (AXS)

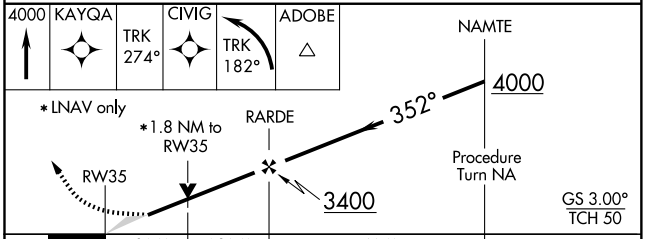
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Hobart altimeter setting and increase all DA 71 feet and all MDA 80 feet, increase LPV and LNAV/VNAV all Cats, LNAV Cat C and Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Hobart altimeter setting.

MISSED APPROACH: Climb to 4000 direct KAYQA and via track 274° to CIVIG and left turn via track 182° to ADOBE and hold.

AWOS-3	ALTUS APP CON*	UNICOM
118.825	125.1 259.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1673-1	250 (300-1)		NA
LNAV/VNAV DA	1717-1	294 (300-1)		NA
LNAV MDA	2040-1	617 (700-1)	2040-1¾ 617 (700-1¾)	NA
CIRCLING	2040-1	607 (700-1)	2040-1¾ 607 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC HBR 111.8 Chan 55	APP CRS 224°	Rwy Idg N/A TDZE N/A Apt Elev 1433

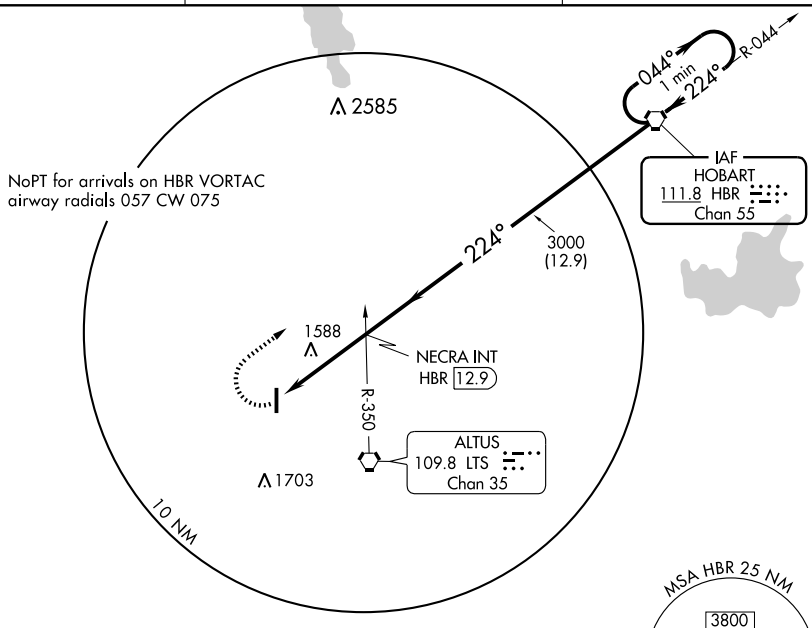
VOR-A

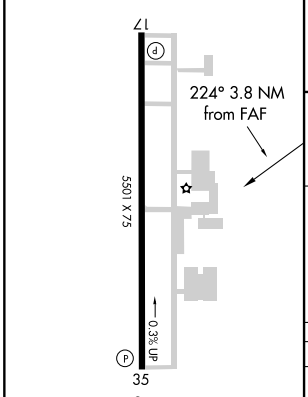
ALTUS/QUARTZ MOUNTAIN RGNL (AXS)

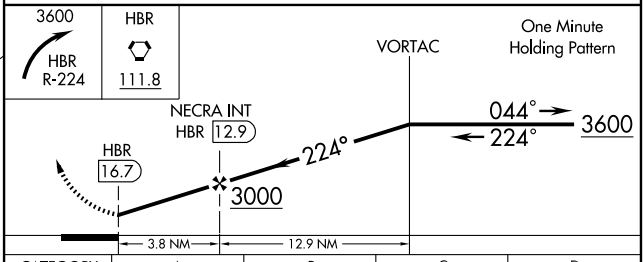
When local altimeter setting not received use Hobart altimeter setting.

MISSED APPROACH: Climbing right turn to 3600 via HBR R-224 to HBR VORTAC and hold.

AWOS-3	ALTUS APP CON★	UNICOM
118.825	125.1 259.3	122.8 (CTAF) L







FAF to MAP 3.8 NM					
Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

CATEGORY	A	B	C	D
CIRCLING	1940-1	507 (600-1)	1940-1½ 507 (600-1½)	NA
HOBART MUNI ALTIMETER SETTING MINIMUMS				
CIRCLING	2020-1	587 (600-1)	2020-1½ 587 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC LTS	APP CRS	Rwy Idg	N/A
109.8	119°	TDZE	N/A
Chan 35		Apt Elev	1433

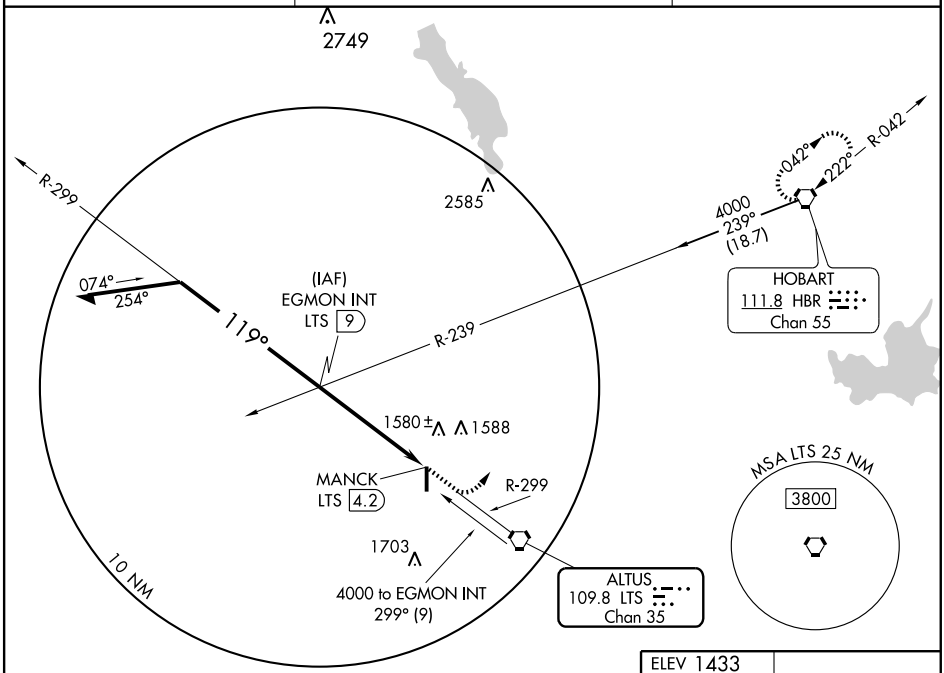
VOR-B

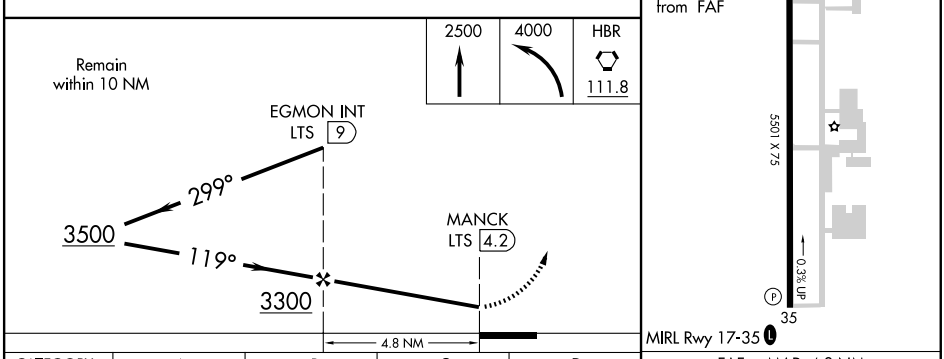
ALTUS/QUARTZ MOUNTAIN RGNL (AXS)

When local altimeter setting not received, use Hobart altimeter setting and increase MDA 80 feet.

MISSED APPROACH: Climb to 2500 then climbing left turn to 4000 direct HBR VORTAC and hold.

AWOS-3	ALTUS APP CON★	UNICOM
118.825	125.1 259.3	122.8 (CTAF) L



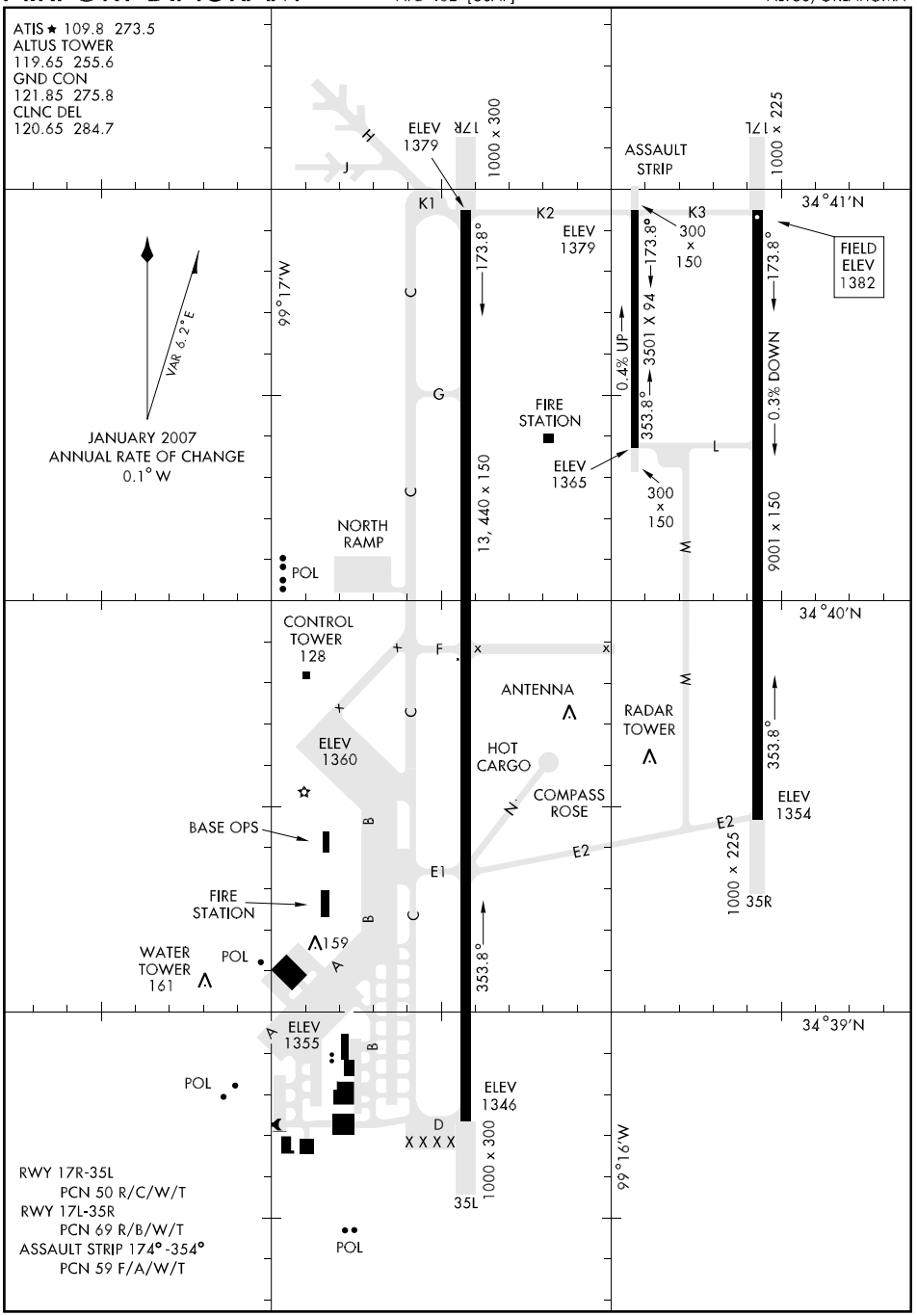


CATEGORY	A	B	C	D
CIRCLING	1940-1	507 (600-1)	1940-1½ 507 (600-1½)	NA

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-1, 17 DEC 2009 to 14 JAN 2010



SC-1, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME RWY 35L

VORTAC LTS	APCH CRS	Rwy ldg 13,440
109.8	357°	TDZE 1353
Chan 35		Arpt Elev 1382

JAL-482 [USAF]

ALTUS AFB (KLTS)

▼ * When ALS inop, increase CAT CD RVR to 60 and vis to 1¼ mile, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 17R-35L.

ALSF-1 (A1)

MISSED APPROACH: Climb to 4000, fly heading 353° to HUSLA Then via LTS VORTAC R-348 to BLAIR and hold.

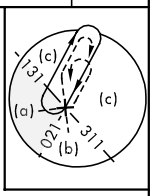
ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

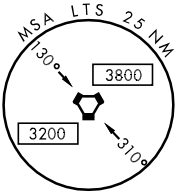
RADAR REQUIRED

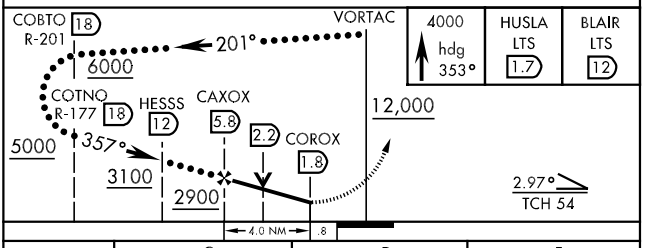
2043 R-348 2749 2138 2585 LTS 17 Max holding 230 KIAS 168° 348° BLAIR LTS 12 R-021 1792 1674 HUSLA LTS 1.7 201° 021° Max holding 265 KIAS 1828 2043 2045 IAF ALTUS 109.8 LTS Chan 35 CAXOX LTS 5.8 201° 357° 1953 1664 COBTO LTS 18 HESSS LTS 12 COTNO LTS 18 20 NM R-201 R-177 1980

REMAIN WITHIN 23 DME of LTS VORTAC

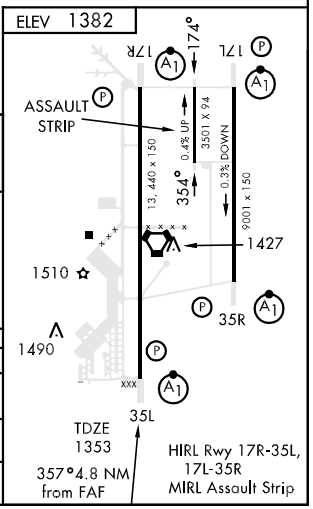
EMERG SAFE ALT 100 NM 4900







4000 hdg 353°	HUSLA LTS 1.7	BLAIR LTS 12

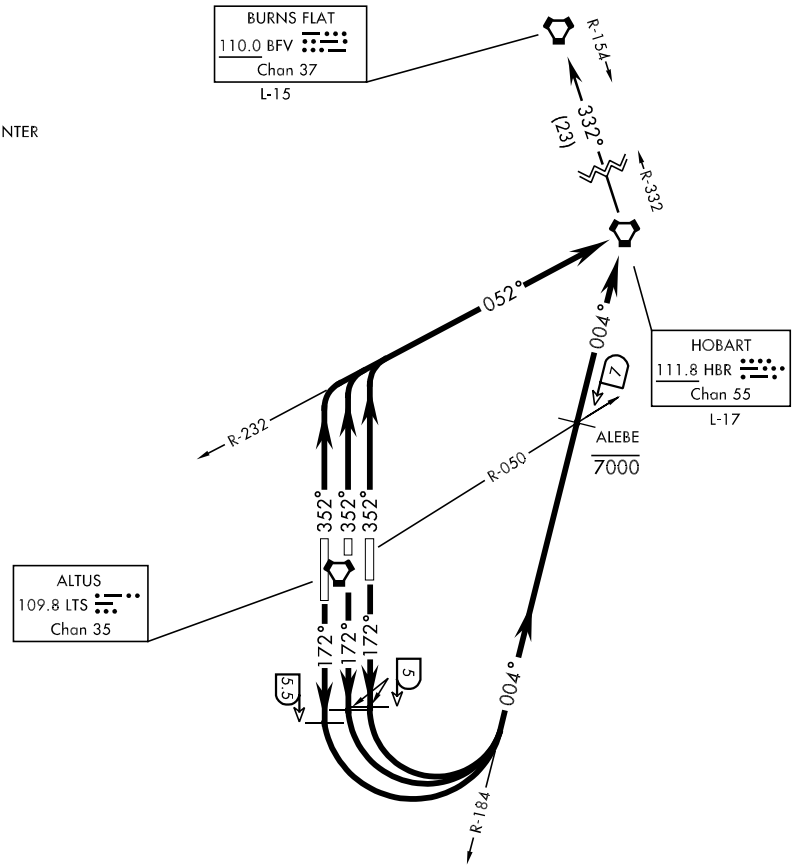


CATEGORY	C	D	E
S-35L *	1760/40 407 (400-¾)		1760/50 407 (400-1)
CIRCLING **	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 35L *	1760/40 407 (400-¾)		1760/50 407 (400-1)

HOBART THREE DEPARTURE (HBR3•HBR) SHL-482 [USAF]

ALTUS, OKLAHOMA

ATIS ★ 109.8 273.5
CLNC DEL
120.65 284.7
GND CON
121.85 275.8
ALTUS TOWER
119.65 255.6
ALTUS DEP CON
125.1 290.9
FORT WORTH CENTER
133.5 350.35
ALTUS APP CON
125.1 257.725



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17L/174°Assault Strip: Climb on a track of 172°. At LTS VORTAC 5 DME turn left to intercept HBR VORTAC R-184 to HBR. Cross ALEBE at or below 7000. Then via Burns Flat transition or assigned route.

TAKE-OFF RWY 17R: Climb on a track of 172°. At LTS VORTAC 5.5 DME turn left to intercept HBR VORTAC R-184 to HBR. Cross ALEBE at or below 7000. Then via Burns Flat transition or assigned route.

TAKE-OFF RWY 35L/35R/354°Assault Strip: Climb on a track of 352°to intercept HBR VORTAC R-232 to HBR. Then via Burns Flat transition or assigned route.

BURNS FLAT TRANSITION (HBR3•BFV): HBR VORTAC R-332/BFV VORTAC R-154 to BFV.

HOBART THREE DEPARTURE (HBR3•HBR)

ALTUS, OKLAHOMA

ILS or LOC/DME RWY 17L

LOC I-RUK	APCH CRS	Rwy ldg 9001 / TDZE 1382 / Arpt Elev 1382
110.55	172°	AL-482 [USAF]

ALTUS AFB (KLTS)

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
*** Circling not authorized W of Rwy 17R-35L.

ALSF-1

MISSED APPROACH: Climb to 4000 via heading 176° to OGBIE. Then via LTS VORTAC R-169 to CIPNO and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

DME OR RADAR REQUIRED

2049 ^
LTS 17 — R-355
2585 ^ — 355° — 175°
(IAF) JEPKI LTS 12
Max holding 230 KIAS
WOTSI LTS 9 /RADAR
172° — 352°
1792 ^
HODGA LTS 5.8 /RADAR
1665
1580 ^
1504
ZEXIX LTS 3 /RADAR
ALTUS 109.8 LTS Chan 35
2110
LOCALIZER 110.55 I-RUK
1775 ^
1720
OGBIE LTS 5
R-169
10 NM
1664 ^
CIPNO LTS 11
343° — 169°
Max holding 230 KIAS
Max holding alt 7000
LTS 16

EMERG SAFE ALT 100 NM 4900

MSA LTS 25 NM
130° — 3800
3200 — 310°

ELEV 1382

172° 4.8 NM from FAF

ASSAULT STRIP
TDZE 1382
174° — 354°
0.4% UP — 0.3% DOWN
13, 440 x 150
3501 X 94
9001 x 150
1427
1510
1490 ^
35R
35L
HIRL Rwy 17R-35L, 17L-35R
MIRL Assault Strip

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

4000 hdg 176°	OGBIE LTS R-169 5	CIPNO LTS R-169 11

VORTAC — ZEXIX 3 /RADAR — HODGA 5.8 /RADAR — WOTSI 9 /RADAR — JEPKI 12 R-355

2900 — 172° — 3500 — 4100
1980 — 2900
GS 3.00° TCH 47
0.5 — 1.3 NM — 2.8 NM

CATEGORY	A	B	C	D	E
S-ILS 17L *	1582/24		200	(200-½)	
S-LOC 17L**	1740/24	358 (400-½)	1740/40	358	(400-¾)
CIRCLING ***	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 17L **	1740/24	358 (400-½)	1740/40	358	(400-¾)

SC-1, 17 DEC 2009 to 14 JAN 2010

ILS or LOC/DME RWY 17R

LOC I-ALT	APCH CRS	Rwy ldg 13,440 / TDZE 1379 / Arpt Elev 1382
111.3	172°	

AL-482 [USAF]

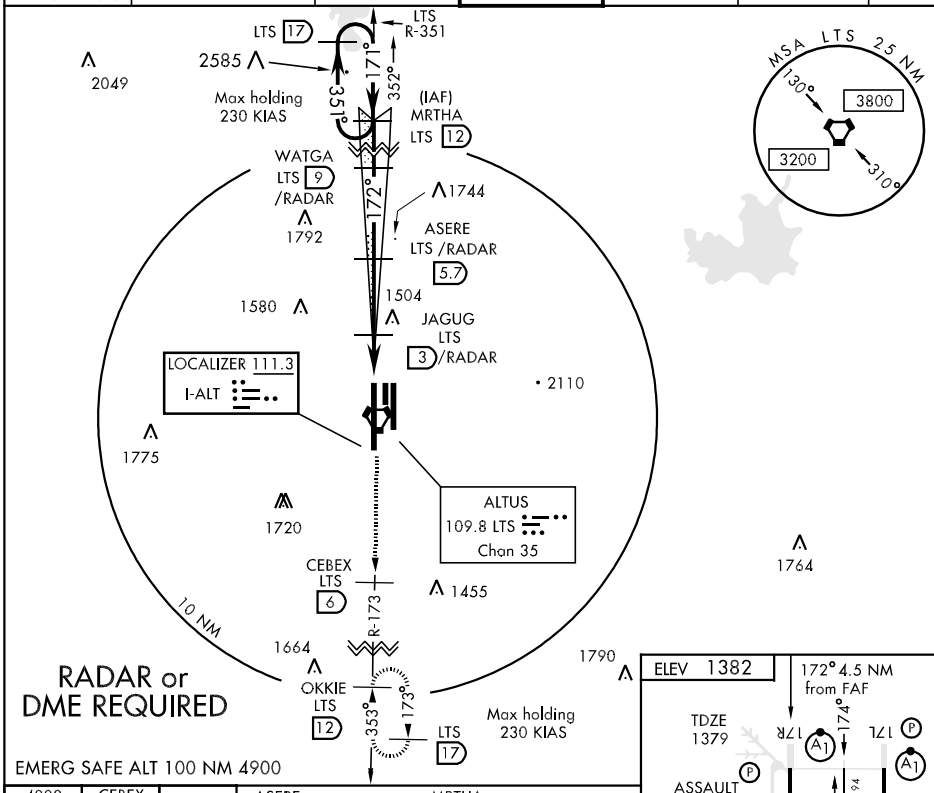
ALTUS AFB (KLTS)

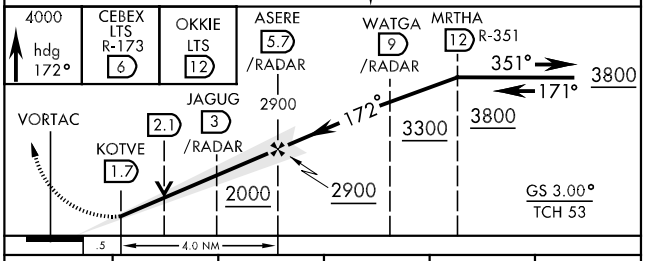
* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
*** Circling not authorized W of Rwy 17R-35L.

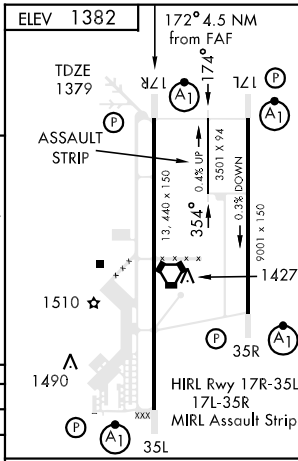
ALSF-1

MISSED APPROACH: Climb to 4000 on heading 172° to CEBEX. Then via LTS VORTAC R-173 to OKKIE and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	







CATEGORY	A	B	C	D	E
S-ILS 17R *	1579/24		200	(200-½)	
S-LOC 17R**	1740/24	361 (400-½)	1740/40	361	(400-¾)
CIRCLING***	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 17R**	1740/24	361 (400-½)	1740/40	361	(400-¾)

FAF to MAP 4.0 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

ILS or LOC/DME RWY 35L

LOC I-LTS	APCH CRS	Rwy ldg 13,440 / TDZE 1353 / Arpt Elev 1382
110.3	352°	

AL-482 [USAF]

ALTUS AFB (KLTS)

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ mile.

ALSF-1

MISSED APPROACH: Climb to 4000 on heading 352° to ASERE. Then via LTS VORTAC R-351 to MRTHA and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

2049

2585

LTS 17

351°

171°

MRTHA LTS 12

Max holding 230 KIAS

***Circling not authorized W of Rwy 17R-35L.

† When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.

R-351

1724

1792

ASERE LTS 5.7

1580

1504

LOCALIZER 110.3
I-LTS

2110

1458

1775

1720

ALTUS
109.8 LTS
Chan 35

CEBEX LTS 6 /RADAR

10 NM

352°

172°

1664

1523

(IAF)
OKKIE LTS 12

173°

353°

Max holding 230 KIAS

LTS 17 Max holding alt 7000

1953

R-173

EMERG SAFE ALT 100 NM 4900

MSA LTS 25 NM
130°
3800
3200
310°

RADAR or DME REQUIRED

1764

ELEV 1382

17R 174° 17L

ASSAULT STRIP

0.4% UP
3501 X 94
0.3% DOWN
13,440 x 150
354°
9001 x 150

1427

1510

1490

35R

HIRL Rwy 17R-35L, 17L-35R
MIRL Assault Strip

35L

TDZE 1353

352° 5.0 NM from FAF

OKKIE R-173 12

CEBEX 6 /RADAR

4000 hdg 352°

ASERE LTS 5.7

MRTHA LTS R-351 12

3100

173°

353°

3100

352°

3000

2.0

VORTAC

KEGVE

1.5

3000

GS 3.00°
TCH 55

4.5 NM

.5

CATEGORY	A	B	C	D	E
S-ILS 35L *	1553/24		200	(200-½)	
S-LOC 35L **	1700/24 347 (400-½)		1700/40	347	(400-¾)
CIRCLING ***	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 35L †	1760/24 407 (400-½)		1760/40 407 (400-¾)		1760/50 407 (400-1)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

ILS or LOC/DME RWY 35R

LOC I-FNM	APCH CRS	Rwy Idg / TDZE / Arpt Elev
110.55	352°	9001 / 1362 / 1382

AL-482 [USAF]

ALTUS AFB (KLTS)

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABCD RVR to 50 and vis to 1 mile, CAT E RVR to 60 and vis to 1¼ miles.

ALSF-1 (A1)

MISSED APPROACH: Climb to 4100 on heading 349° to SOGPE. Then via LTS VORTAC R-355 to JEPKI and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

*** Circling not authorized W of Rwy 17R-35L.

† When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

RADAR OR DME REQUIRED

2049

2585

LTS 17

Max holding 230 KIAS

355° 175°

JEPKI LTS 12

1792

R-355

SOGPE LTS 6

1580

2110

ALTUS 109.8 LTS Chan 35

1775

1574

LOCALIZER 110.55 I-FNM

1720

1487

HAXIV LTS /RADAR 5

352°

(IAF) CIPNO LTS 11

1664

172°

10 NM

Max holding 230 KIAS
Max holding alt 7000

349°

169°

LTS 16

R-169

MSA LTS 25 NM
130° 3800 3200 310°

EMERG SAFE ALT 100 NM 4900

ELEV 1382

17R 17L

ASSAULT STRIP

13,440 x 150

0.4% UP

3501 X 94

0.3% UP

9001 x 150

354°

174°

1427

1510

TDZE 1362

35R

1490

35L

352° 4.9 NM from FAF

HIRL Rwy 17R-35L, 17L-35R
MIRL Assault Strip

CIPNO R-169 (11) | HAXIV/RADAR (5) | 4100 hdg 349° | SOGPE LTS R-355 (6) | JEPKI LTS R-355 (11)

3100

352°

2900

VORTAC

GS 3.00°
TCH 53

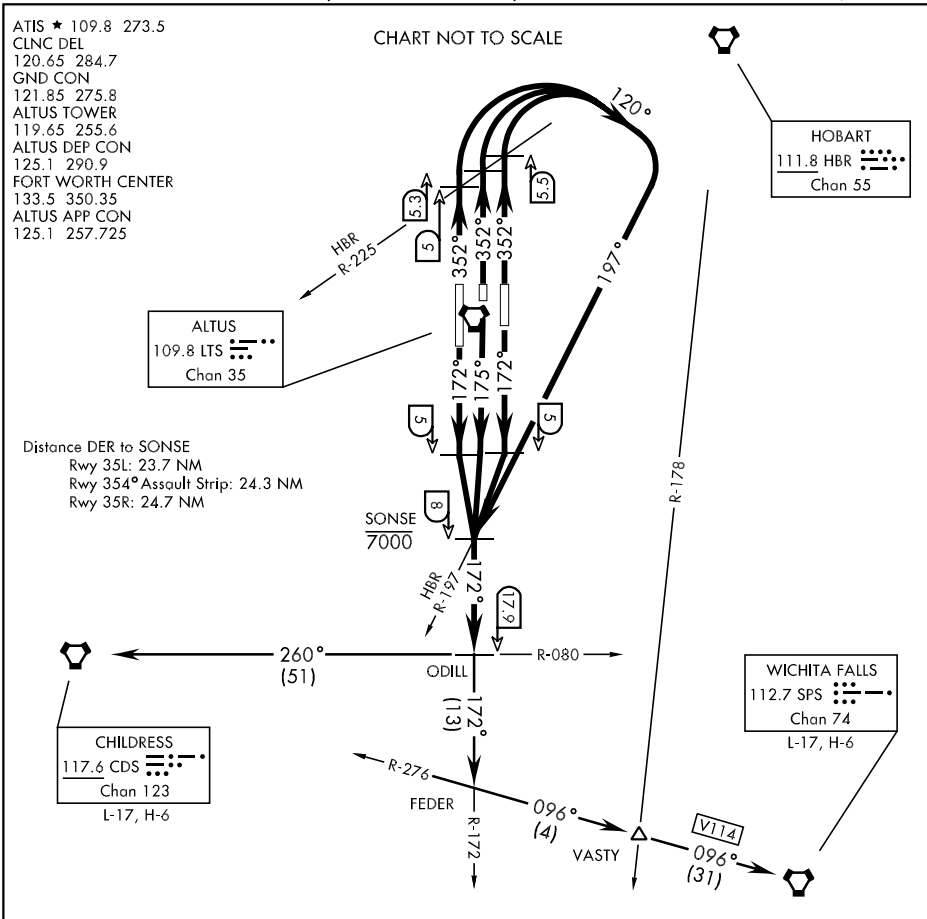
2900

4.1 NM 0.5

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

CATEGORY	A	B	C	D	E
S-ILS 35R *		1562/24	200	(200-½)	
S-LOC 35R **	1700/24	338 (400-½)	1700/40	338	(400-¾)
CIRCLING ***	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 35R †	1740/24	378 (400-½)	1740/40	378	(400-¾)



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17L: Climb on a track of 172 °. At LTS VORTAC 5 DME turn right direct SONSE then via LTS R-172 to ODILL. Cross SONSE at or below 7000. Then via transition or assigned route.

TAKE-OFF RWY 174° Assault Strip: Climb on a track of 175° to intercept LTS VORTAC R-172 to SONSE then via LTS R-172 to ODILL. Cross SONSE at or below 7000. Then via transition or assigned route.

TAKE-OFF RWY 17R: Climb on a track of 172°. At LTS VORTAC 5 DME turn left direct SONSE then via LTS R-172 to ODILL. Cross SONSE at or below 7000. Then via transition or assigned route.

TAKE-OFF RWY 35L: Climb on a track of 352°. At LTS VORTAC 5 DME/HBR VORTAC R-225 turn right to a track of 120° to intercept HBR R-197 to SONSE. Cross SONSE at or below 7000. Then via LTS R-172 to ODILL. Then via transition or assigned route.

TAKE-OFF RWY 354° Assault Strip: Climb on a track of 352°. At LTS VORTAC 5.3 DME/HBR VORTAC R-225 turn right to a track of 120° to intercept HBR R-197 to SONSE. Cross SONSE at or below 7000. Then via LTS R-172 to ODILL. Then via transition or assigned route.

TAKE-OFF RWY 35R: Climb on a track of 352°. At LTS VORTAC 5.5 DME/HBR VORTAC R-225 turn right to a track of 120° to intercept HBR R-197 to SONSE. Cross SONSE at or below 7000. Then via LTS R-172 to ODILL. Then via transition or assigned route.

CHILDRESS TRANSITION (ODILL6 • CDS): CDS VORTAC R-080 to CDS.

WICHITA FALLS TRANSITION (ODILL6 • SPS): LTS R-172 to FEDER. Then via SPS VORTAC R-276 (V114) to SPS.

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS)-A

APCH CRS	Rwy ldg	Arpt Elev
212°	TDZE N/A	1382

AL-482 [USAF]

ALTUS AFB (KLTS)

Circling NA W of Rwy 17R-35L.
Circling procedure when RW35R/354°/35L in use.
DME/DME RNP 0.3 NA.

MISSED APPROACH: Climbing left turn to 4000 direct OLIRY and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

FOR USE BY
97 AMW ACFT ONLY

RADAR
REQUIRED

2585

(IAF)
JATTU

212°
032°
4NM

Max holding
230 KIAS

2700
212°
(6)

Max holding
alt 6000

(FAF)
BOBNE

Fly visual
to the airport

212°
2.3 NM

METGE

2180

OLIRY
110°
290°
4 NM

1790

Max holding
230 KIAS

MSA METGE 25 NM
3800

EMERG SAFE ALT 100 NM METGE 4800

4000
OLIRY

JATTU
032°
4000
212°

Fly visual to the airport
212° hdg 2.3 NM

BOBNE
212°
2700

METGE

2.3 NM
2.5 NM

ELEV 1382

17R
17L
174°

ASSAULT STRIP

0.4% UP
3501 X 94
0.3% UP

13,440 x 150
354°
9001 x 150

1427
1510
1490

35R
35L

HIRL Rwy
17R-35L,
17L-35R
MIRL Assault Strip

CATEGORY	A	B	C	D	E
CIRCLING	NA			1940-2¾ 558 (600-2¾)	1980-2¾ 598 (600-2¾)

RNAV (GPS)-B

APCH CRS	Rwy ldg	N/A
290°	TDZE	N/A
	Arpt Elev	1382

AL-482 [USAF]

ALTUS AFB (KLTS)

Circling NA W of Rwy 17R-35L.
Circling procedure when RW17R/17°/17L in use.
DME/DME RNP 0.3 NA.

MISSED APPROACH: Climbing right turn to 4000 direct JATTU and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

FOR USE BY
97 AMW ACFT ONLY

RADAR
REQUIRED

2585

Max holding
230 KIAS

JATTU 212° 032° 4NM

CAUTION:
Missed approach point lies .1 NM outside CAT D circling area.

2180

290° 2.4 NM

OGDOE

(FAF)
DOBKE

1408

Fly visual
to the airport

2700
290°
(6)

Max holding
230 KIAS
Max holding
alt 6000

110°
4 NM
290°

(IAF)
OLIRY

1790

MSA OGDOE 25 NM
3800

EMERG SAFE ALT 100 NM OGDOE 4800

4000 JATTU

Fly visual to the airport
290° hdg 2.4 NM

OLIRY
110°
3200
290°
DOBKE
290°
2700
OGDOE

2.4 NM
3 NM

CATEGORY	A	B	C	D	E
CIRCLING	NA			1940-2¾ 558 (600-2¾)	1980-2¾ 598 (600-2¾)

ELEV 1382

17R 17L 174°

ASSAULT STRIP

0.4% UP 3501 X 94 0.3% UP

13,440 x 150 354° 9001 x 150

1427

1510

35R

1490

HIRL Rwy
17R-35L,
17L-35R
MIRL Assault Strip

35L

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 17L

APCH CRS	Rwy ldg	9001
172°	TDZE	1382
	Arpt Elev	1382

AL-482 [USAF]

ALTUS AFB (KLTS)

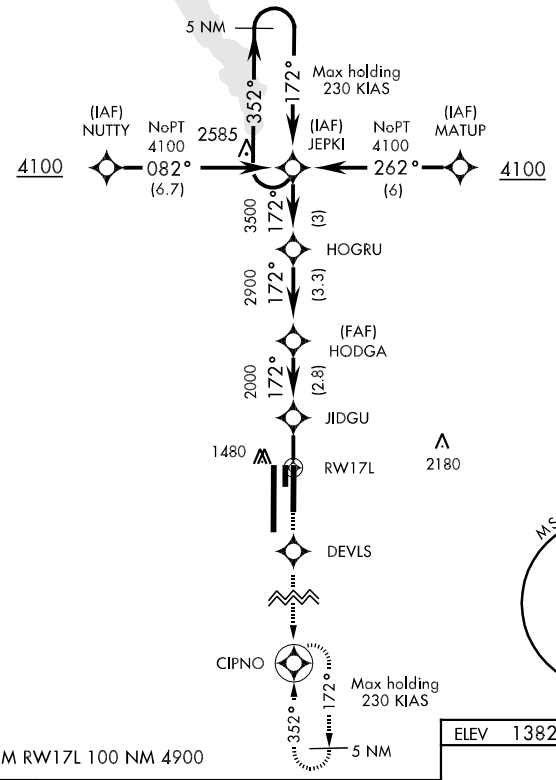
▼ * When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized W of Rwy 17R-35L.

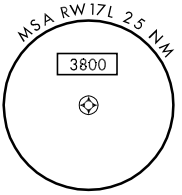
ALSF-1

MISSED APPROACH: Climb to 4000 direct DEVLS then via 172° track to CIPNO and hold.

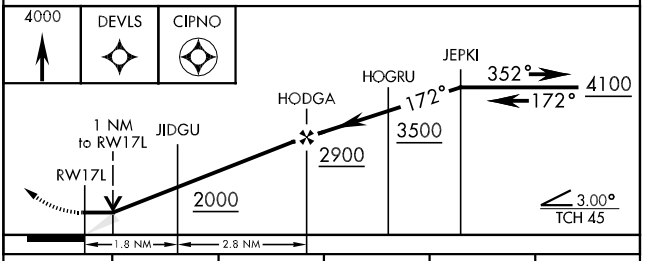
ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

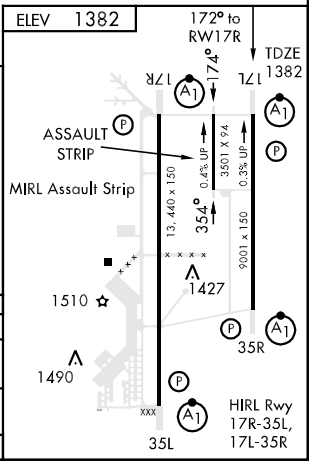
DME/DME RNP 0.3 NA.





EMERG SAFE ALT FROM RW17L 100 NM 4900





CATEGORY	A	B	C	D	E
LNAV MDA *	1740/24 358 (400-½)		1740/40 358 (400-¾)		
CIRCLING **	1780-1 398(400-1)	1840-1 458(500-1)	1840-1½ 458(500-1½)	1940-2 558(600-2)	1980-2 598 (600-2)
S-ASR 17L *	1740/24 358 (400-½)		1740/40 358 (400-¾)		

RNAV (GPS) RWY 17R

APCH CRS	Rwy ldg	TDZE	Arpt Elev
172°	13,440	1379	1382

AL-482 [USAF]

ALTUS AFB (KLTS)

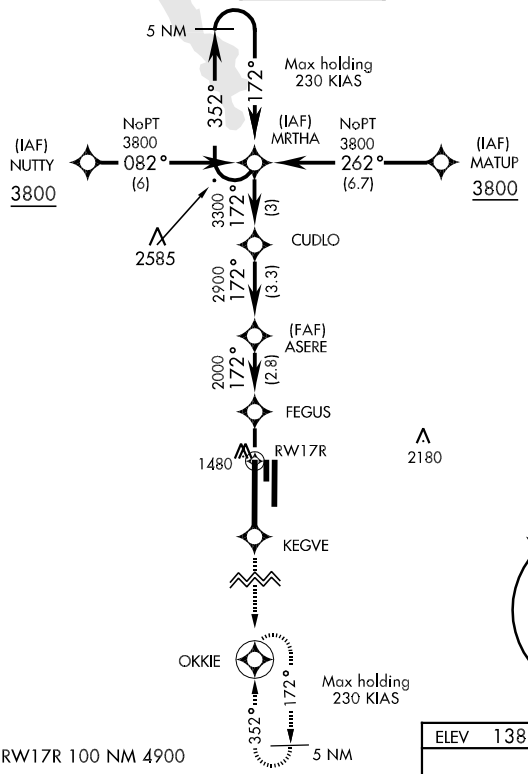
* When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized W of Rwy 17R-35L.

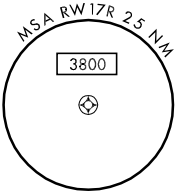
ALSF-1

MISSED APPROACH: Climb to 4000 direct KEGVE then via 172° track to OKKIE and hold.

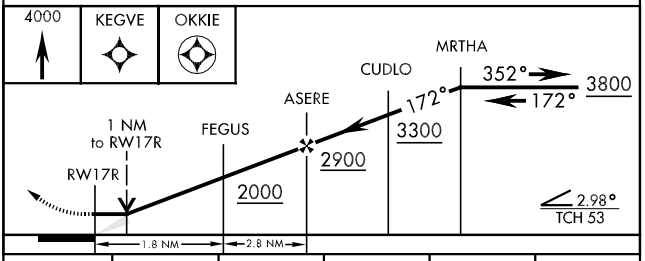
ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

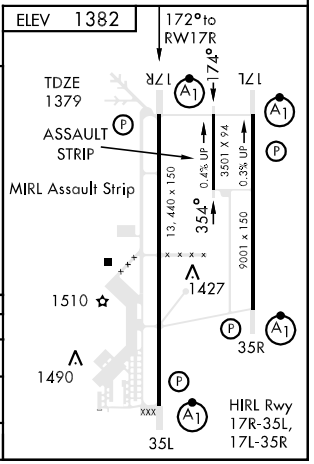
DME/DME RNP 0.3 NA.





EMERG SAFE ALT FROM RW17R 100 NM 4900





CATEGORY	A	B	C	D	E
LNAV MDA *	1740/24 361 (400-½)		1740/40 361 (400-¾)		
CIRCLING **	1780-1 398(400-1)	1840-1 458(500-1)	1840-1½ 458(500-1½)	1940-2 558(600-2)	1980-2 598 (600-2)
S-ASR 17R *	1740/24 361 (400-½)		1740/40 361 (400-¾)		

RNAV (GPS) RWY 35L

APCH CRS	Rwy ldg	TDZE	Arpt Elev
352°	13,440	1353	1382

AL-482 [USAF] — ALTUS AFB (KLTS)

▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles. CAT DE vis to 1½ mile.
** Circling not authorized W of Rwy 17R-35L.

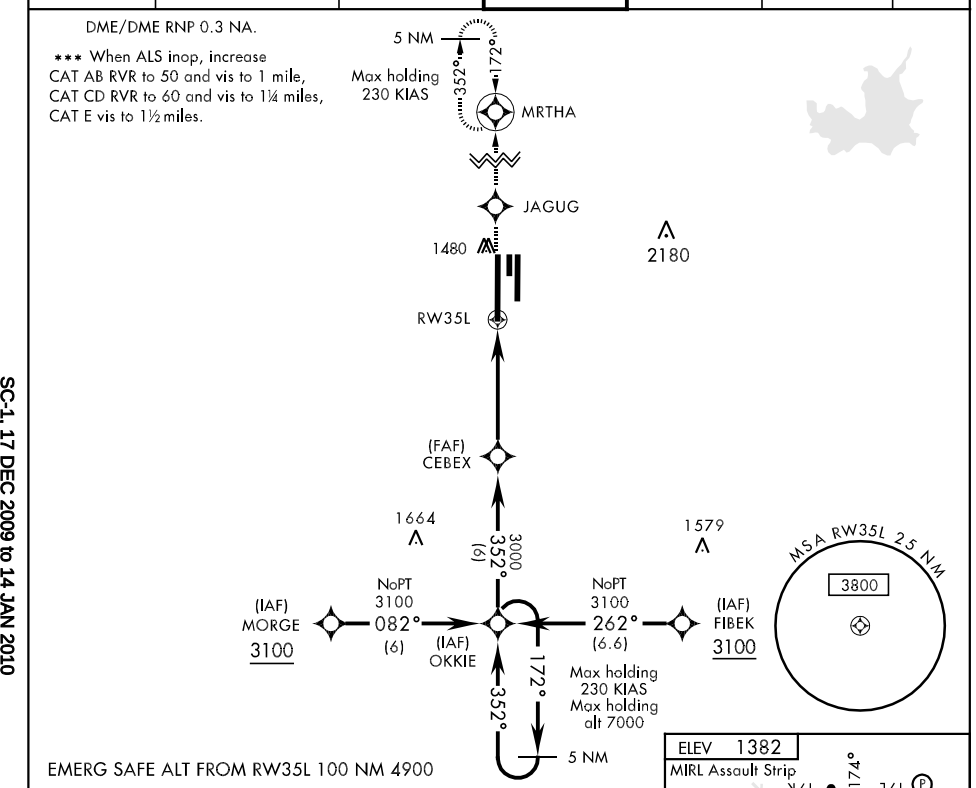
ALSF-1

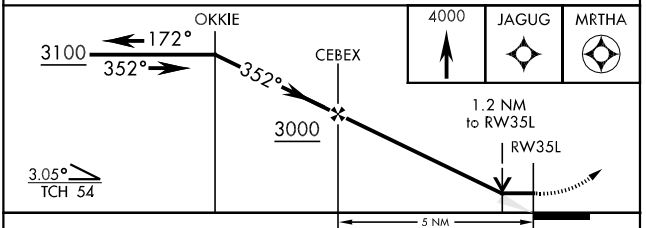
MISSED APPROACH: Climb to 4000 direct JAGUG then via 352° track to MRTHA and hold.

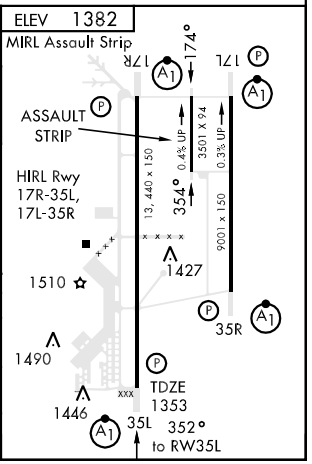
ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

DME/DME RNP 0.3 NA.

*** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.







CATEGORY	A	B	C	D	E
LNAV MDA *	1780/24 427 (400-½)		1780/40 427 (400-¾)	1780/50 427 (400-1)	
CIRCLING **	1780-1 398(400-1)	1840-1 458(500-1)	1840-1½ 458(500-1½)	1940-2 558(600-2)	1980-2 598 (600-2)
S-ASR 35L***	1760/24 407 (400-½)		1760/40 407 (400-¾)		1760/50 407 (400-1)

RNAV (GPS) RWY 35R

APCH CRS	Rwy ldg	TDZE	Arpt Elev
352°	9001	1362	1382

AL-482 [USAF]

ALTUS AFB (KLTS)

* When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT D RVR to 60 and vis to 1¼ miles. CAT E vis to 1½ mile.
** Circling not authorized W of Rwy 17R-35L.

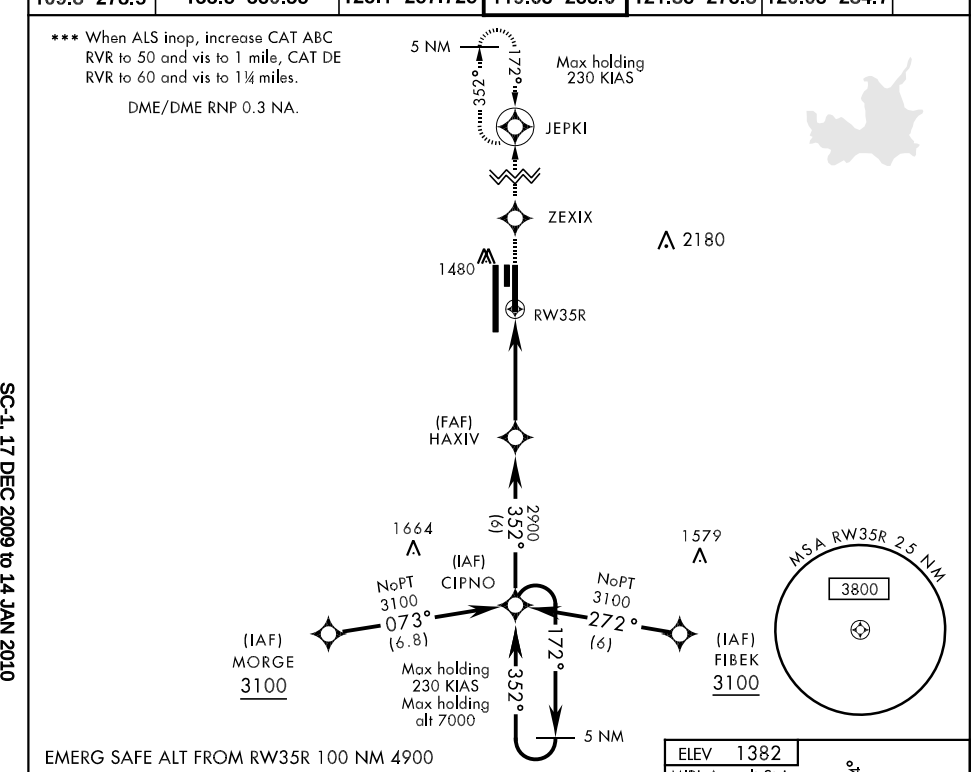
ALSF-1

MISSED APPROACH: Climb to 4000 direct ZEXIX then via 352° track to JEPKI and hold.

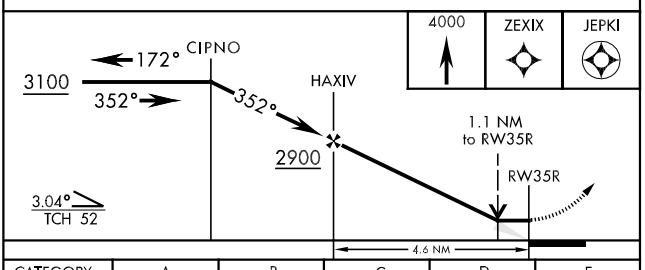
ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	

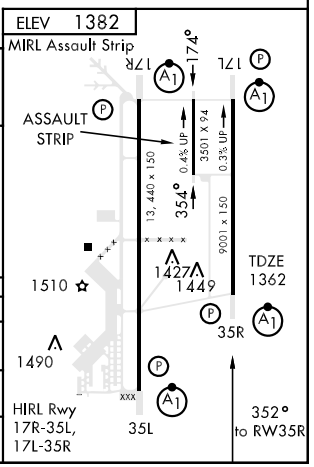
*** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

DME/DME RNP 0.3 NA.



EMERG SAFE ALT FROM RW35R 100 NM 4900





CATEGORY	A	B	C	D	E
LNAV MDA *	1760/24 398 (400-½)		1760/40 398 (400-¾)		1760/50 398 (400-1)
CIRCLING **	1780-1 398(400-1)	1840-1 458(500-1)	1840-1½ 458(500-1½)	1940-2 558(600-2)	1980-2 598 (600-2)
S-ASR 35R***	1740/24 378 (400-½)		1740/40 378 (400-¾)		

TACAN-C or VOR/DME-C

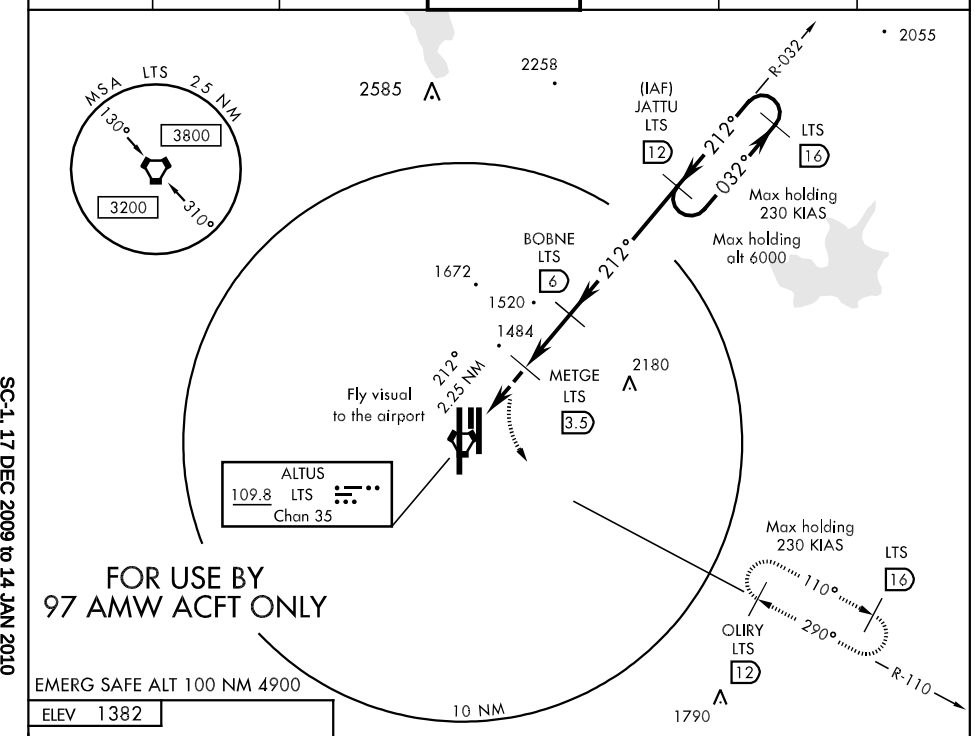
VORTAC LTS	APCH CRS	Rwy ldg / TDZE / Arpt Elev
109.8 Chan 35	212°	N/A / N/A / 1382

AL-482 [USAF] — ALTUS AFB (KLTS)

Circling not authorized W of Rwy 17R-35L.
Circling procedure when Rwy 35R/354°/35L in use.

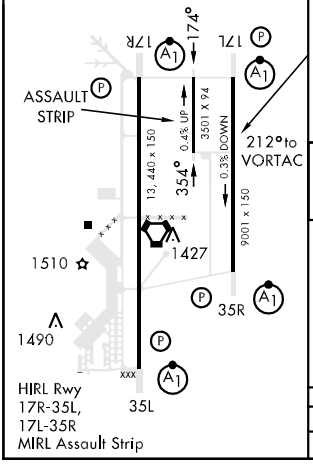
MISSED APPROACH: Climb to 2200 then climbing left turn to 4000 direct OLIRY and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	



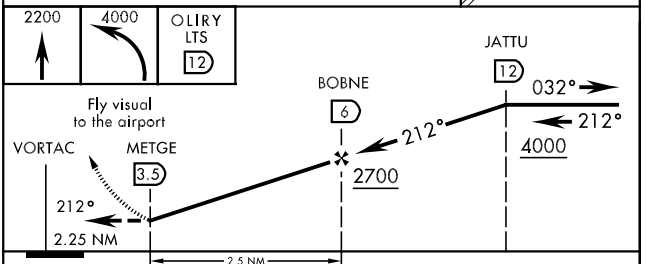
EMERG SAFE ALT 100 NM 4900

ELEV 1382



RADAR REQUIRED

A561



CATEGORY	D			E		
CIRCLING	1940-2¾	558	(600-2¾)	1980-2¾	598	(600-2¾)

TACAN-D or VOR/DME-D

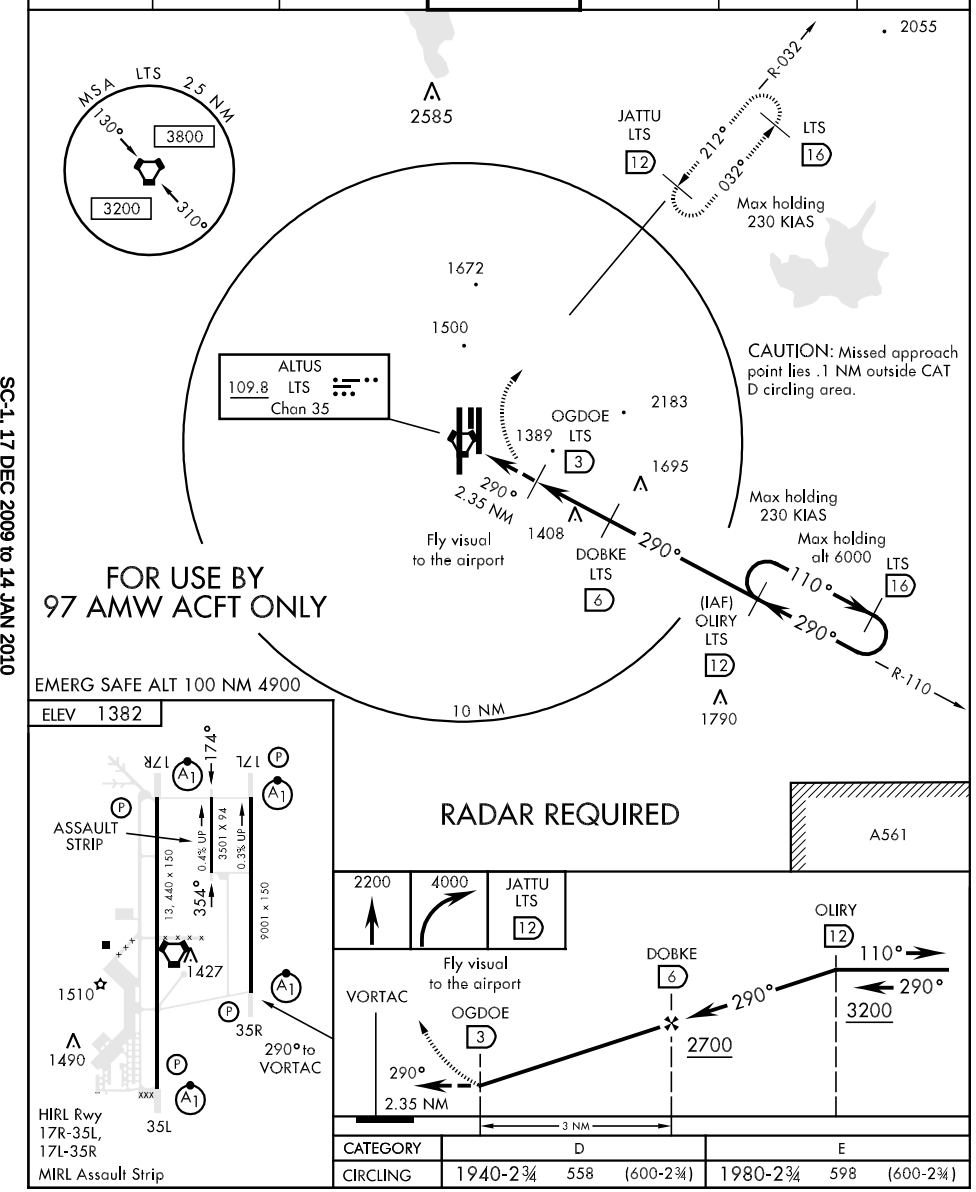
VORTAC LTS	APCH CRS	Rwy ldg / TDZE	Arpt Elev
109.8 Chan 35	290°	N/A / N/A	1382

AL-482 [USAF] — ALTUS AFB (KLTS)

Circling not authorized W of Rwy 17R-35L.
Circling procedure when Rwy 17R/174°/17L in use.

MISSED APPROACH: Climb to 2200 then climbing right turn to 4000 direct JATTU and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	



CATEGORY	D			E		
CIRCLING	1940-2¾	558	(600-2¾)	1980-2¾	598	(600-2¾)

TACAN or VOR/DME RWY 17L

VORTAC LTS 109.8 Chan 35	APCH CRS 191°	Rwy ldg 9001 TDZE 1382 Arpt Elev 1382

AL-482 [USAF]

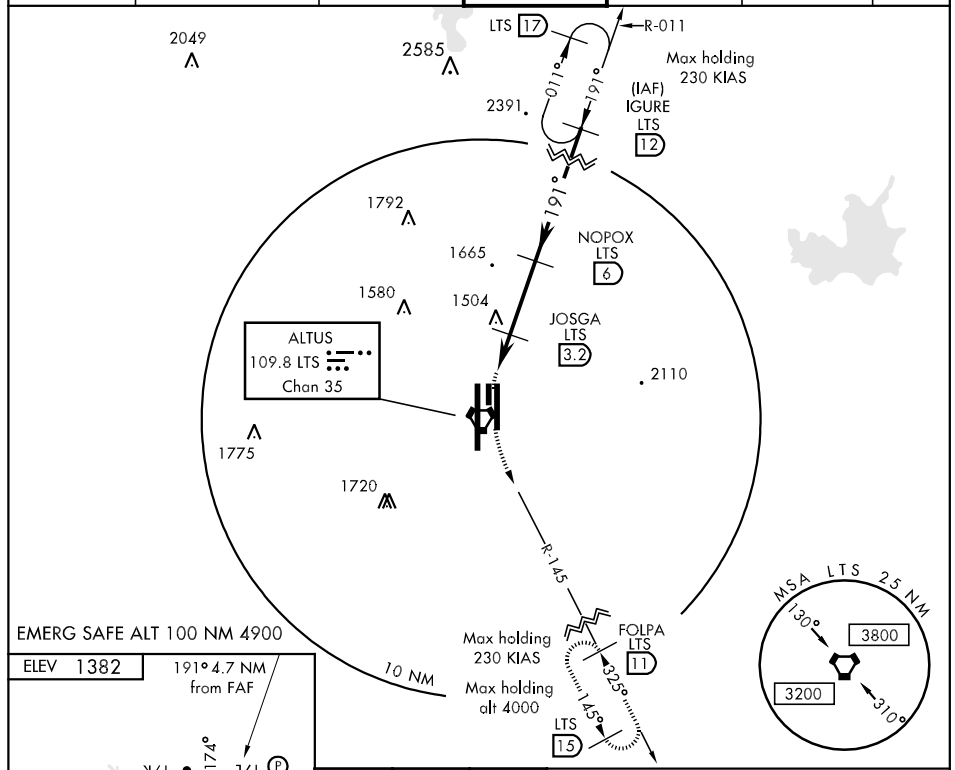
ALTUS AFB (KLTS)

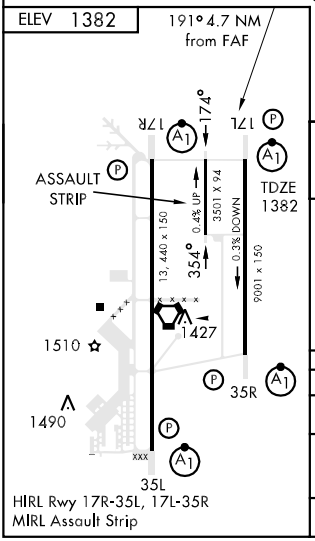
* When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized W of Rwy 17R-35L.

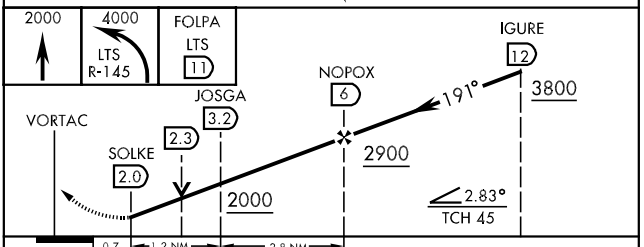
ALSF-1

MISSED APPROACH: Climb to 2000 then climbing left turn to 4000 via LTS VORTAC R-145 to FOLPA and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	







CATEGORY	A	B	C	D	E
S-17L *	1760/24 378 (400-½)		1760/40 378 (400-¾)		
CIRCLING **	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 17L *	1740/24 358 (400-½)		1740/40 358 (400-¾)		

34° 40'N-99° 16'W

TACAN or VOR/DME RWY 17R

VORTAC LTS 109.8 Chan 35	APCH CRS 168°	Rwy ldg 13,440 TDZE 1379 Arpt Elev 1382

AL-482 [USAF]

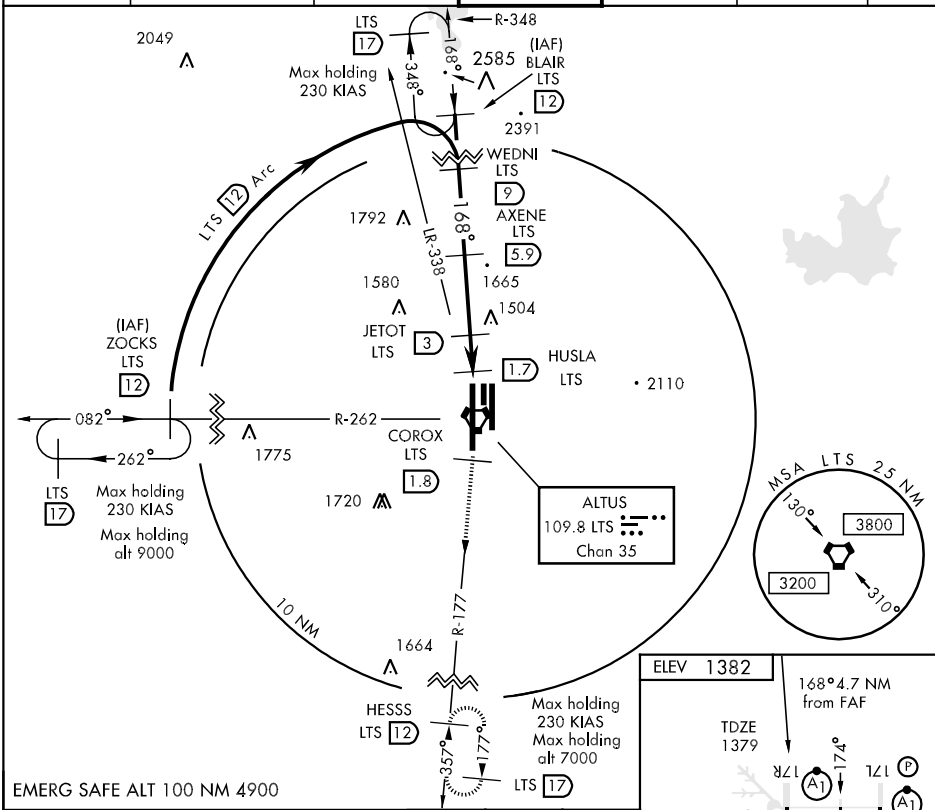
ALTUS AFB (KLTS)

▼ * When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized W of Rwy 17R-35L.

ALSF-1

MISSED APPROACH: Climb to 4000, fly heading 173° to COROX. Then via LTS VORTAC R-177 to HESSS and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	



CATEGORY	A	B	C	D	E
S-17R *	1760/24 381 (400-½)		1760/40 381 (400-¾)		
CIRCLING **	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 17R *	1740/24 361 (400-½)		1740/40 361 (400-¾)		

TACAN or VOR/DME RWY 35L

VORTAC LTS	APCH CRS	Rwy ldg 13,440
109.8	357°	TDZE 1353
Chan 35		Arpt Elev 1382

AL-482 [USAF]

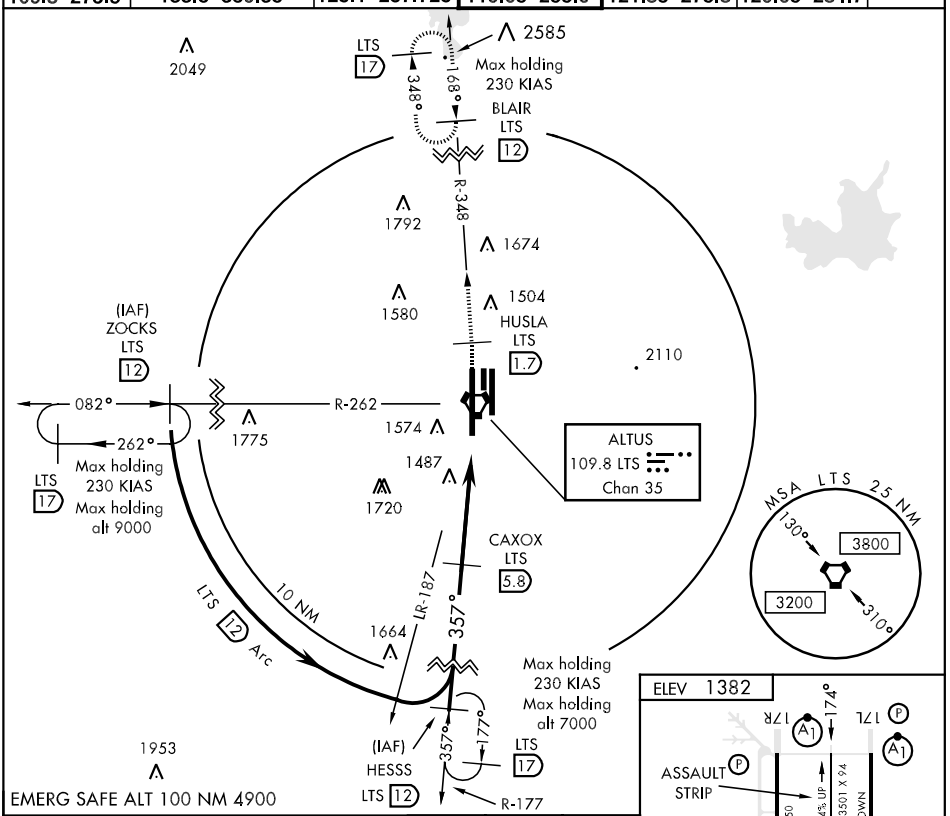
ALTUS AFB (KLTS)

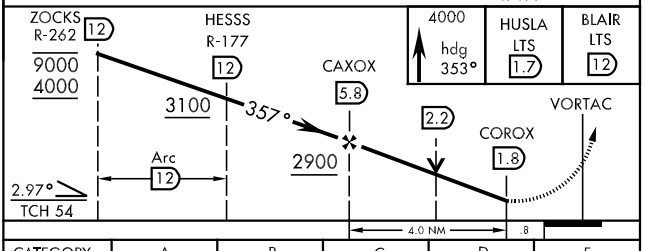
▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 17R-35L.

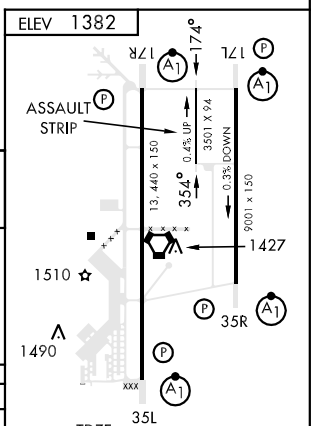
ALSF-1

MISSED APPROACH: Climb to 4000, fly heading 353° to HUSLA. Then via LTS VORTAC R-348 to BLAIR and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	







CATEGORY	A	B	C	D	E
S-35L *	1760/24 407 (400-½)		1760/40 407 (400-¾)		1760/50 407 (400-1)
CIRCLING **	1780-1 398 (400-1)	1840-1 458 (500-1)	1840-1½ 458 (500-1½)	1940-2 558 (600-2)	1980-2 598 (600-2)
S-ASR 35L *	1760/24 407 (400-½)		1760/40 407 (400-¾)		1760/50 407 (400-1)

TACAN or VOR/DME RWY 35R

VORTAC LTS	APCH CRS	Rwy ldg 9001
109.8	325°	TDZE 1362
Chan 35		Arpt Elev 1382

AL-482 [USAF]

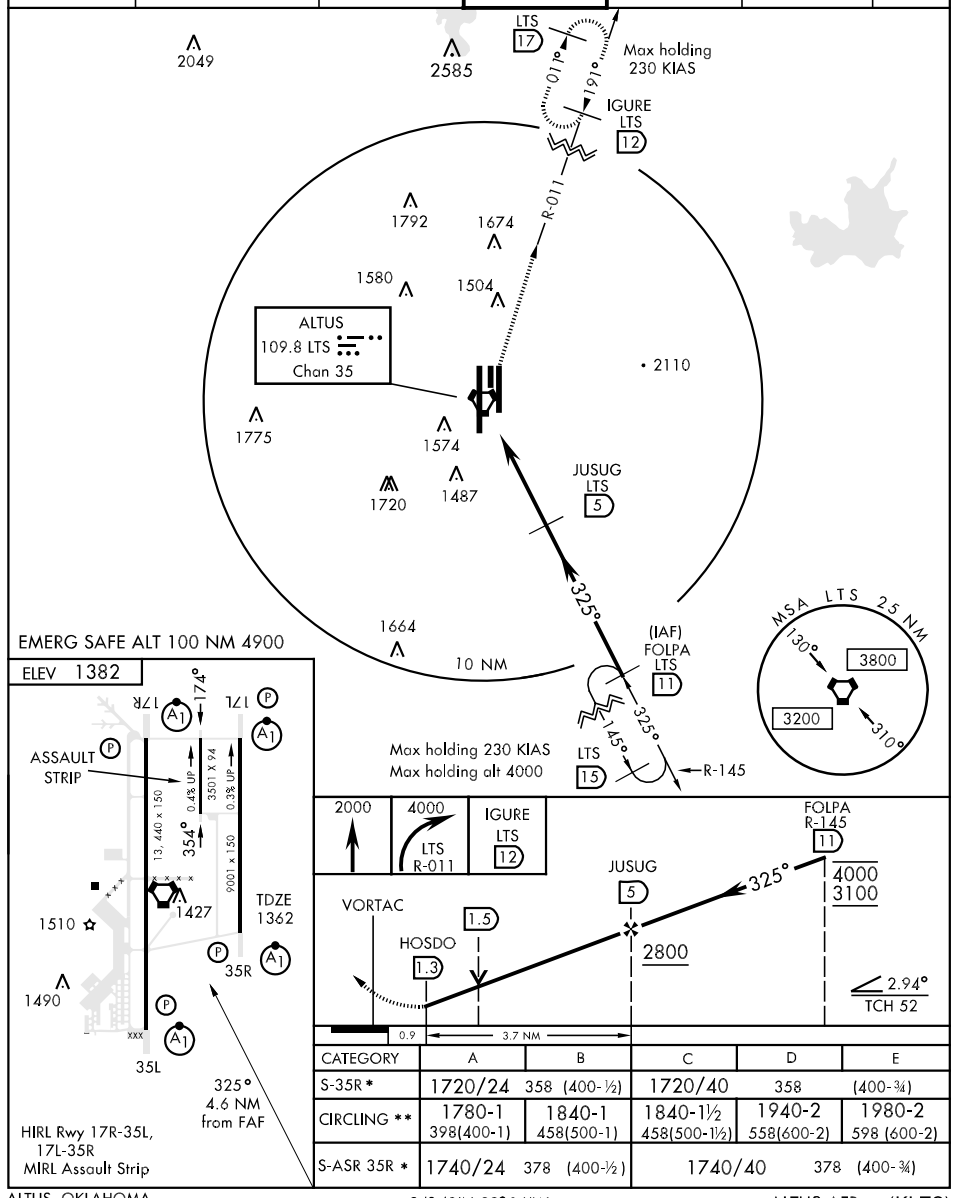
ALTUS AFB (KLTS)

* When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized W of Rwy 17R-35L.

ALSF-1

MISSED APPROACH: Climb to 2000 then climbing right turn to 4000 via LTS VORTAC R-011 to IGURE and hold.

ATIS ★	FORT WORTH CENTER	ALTUS APP CON	ALTUS TOWER	GND CON	CLNC DEL	ASR
109.8 273.5	133.5 350.35	125.1 257.725	119.65 255.6	121.85 275.8	120.65 284.7	



CATEGORY	A	B	C	D	E
S-35R *	1720/24	358 (400-½)	1720/40	358	(400-¾)
CIRCLING **	1780-1 398(400-1)	1840-1 458(500-1)	1840-1½ 458(500-1½)	1940-2 558(600-2)	1980-2 598 (600-2)
S-ASR 35R *	1740/24	378 (400-½)	1740/40	378	(400-¾)

34° 40'N-99° 16'W

TACAN or VOR/DME RWY 35R

APP CRS	Rwy ldg	4241
352°	TDZE	1470
	Apt Elev	1474

RNAV (GPS) RWY 35

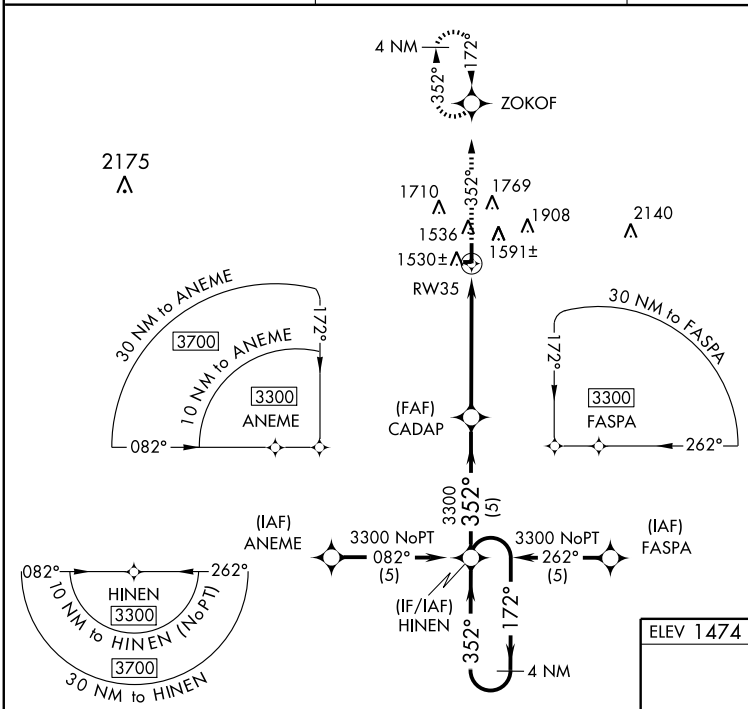
ALVA RGNL (AVK)

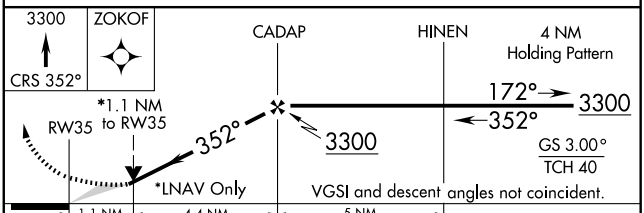
T
NA

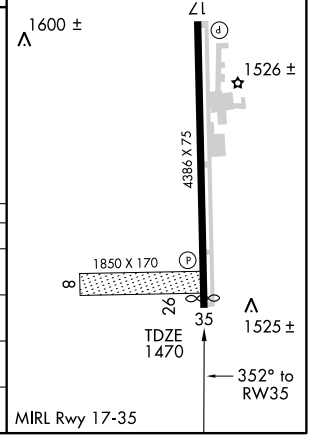
If local altimeter setting not received, use Enid altimeter setting and increase all MDAs 140 feet. When neither received, procedure NA.
GPS or RNP-0.3 required. DME/DME RNP - 0.3 NA.
BARO-VNAV NA below -17°C (+2°F).
BARO-VNAV and VDP NA when using Enid altimeter setting.

MISSED APPROACH: Climb to 3300 via 352° course to ZOKOF WP and hold.

AWOS-3	VANCE APP CON★	UNICOM
121.125	119.775 378.8	122.8 (CTAF)







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1840-1¼ 370 (400-1¼)			NA
LNAV MDA	1840-1 370 (400-1)			NA
CIRCLING	1960-1¼ 486 (500-1¼)	2120-1¼ 646 (700-1¼)	2120-1¾ 646 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

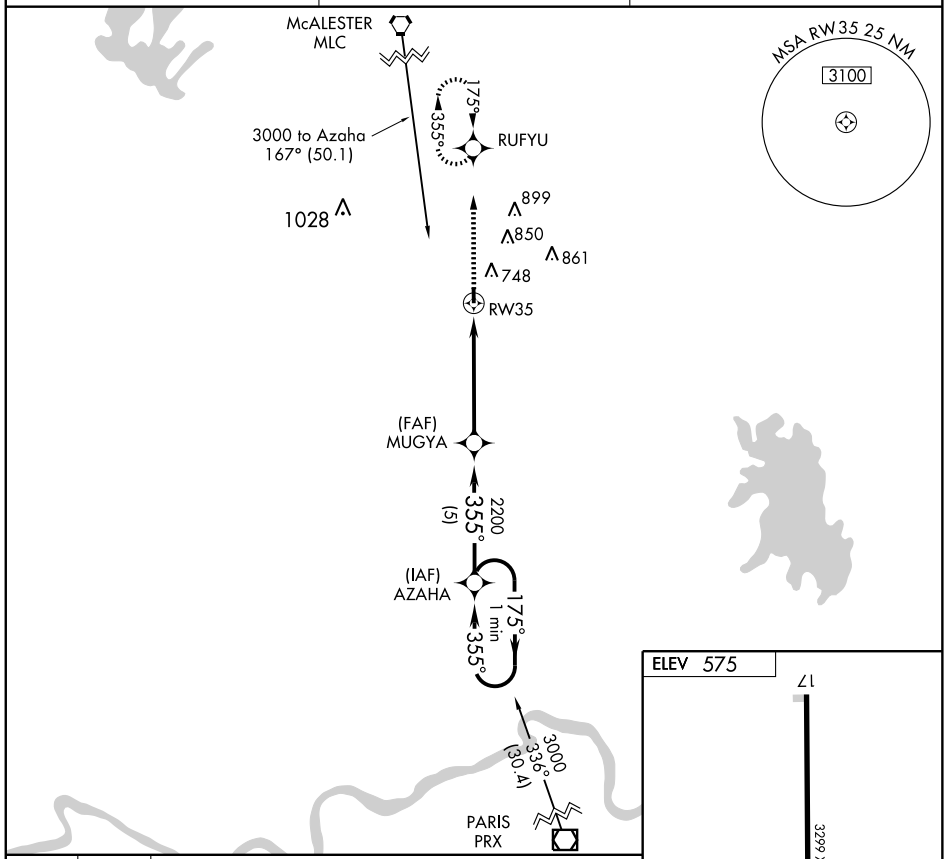
APP CRS	Rwy Idg	3299
355°	TDZE	574
	Apt Elev	575

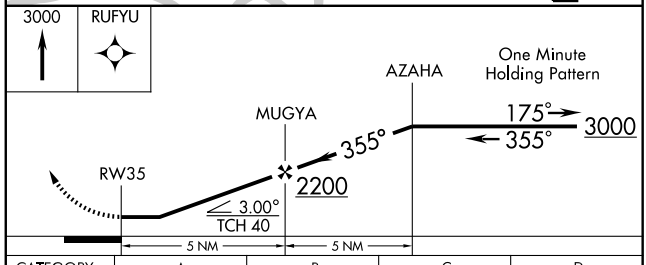
GPS RWY 35
ANTLERS MUNI (8ØF)

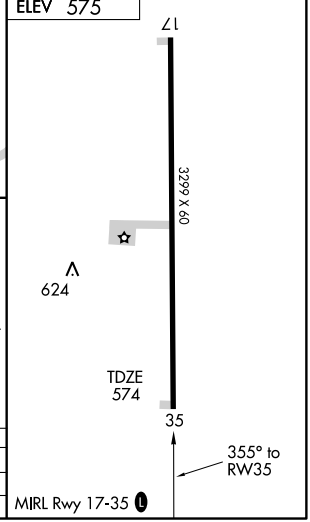
NA Use Paris/Cox Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct RUFYU WP and hold.

Paris/Cox Field AWOS-3	FORT WORTH CENTER	CTAF
119.675	124.875 307.2	122.9 L







CATEGORY	A	B	C	D
S-35	1140-1	566 (600-1)	NA	
CIRCLING	1200-1	625 (700-1)	NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB AEE 391	APP CRS 347°	Rwy Idg 3299 TDZE 574 Apt Elev 575

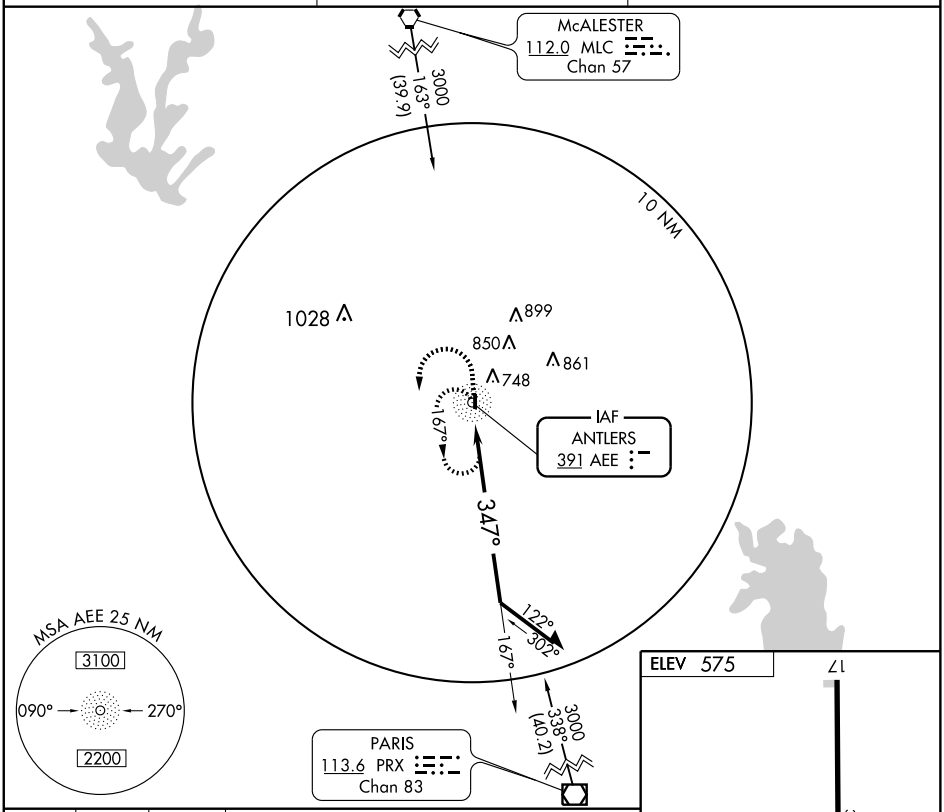
NDB RWY 35

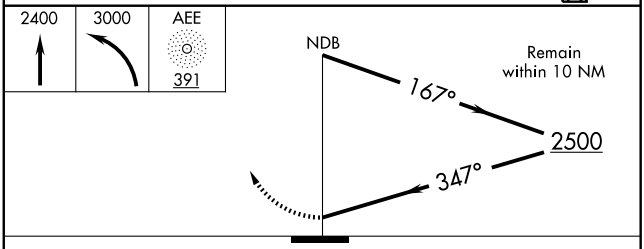
ANTLERS MUNI (8ØF)

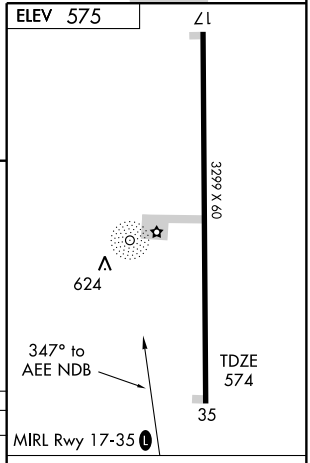
NA Use Paris/Cox Field altimeter setting.

MISSED APPROACH: Climb to 2400 then climbing left turn to 3000 direct AEE NDB and hold.

Paris/Cox Field AWOS-3	FORT WORTH CENTER	CTAF
119.675	124.875 307.2	122.9 L







CATEGORY	A	B	C	D
S-35	1320-1 746 (800-1)	1320-1¼ 746 (800-1¼)	NA	
CIRCLING	1320-1 745 (800-1)	1320-1¼ 745 (800-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
172°	TDZE	839
	Apt Elev	844

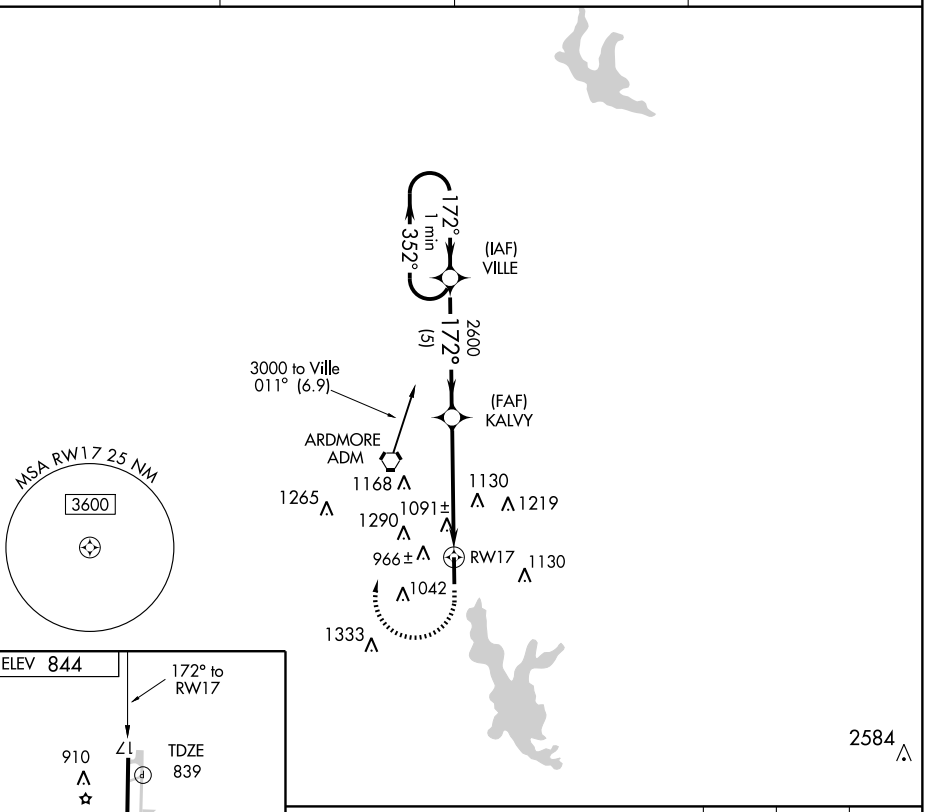
GPS RWY 17

ARDMORE DOWNTOWN EXECUTIVE (1F0)

NA

MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct VILLE WP and hold.

AWOS-3	FORT WORTH CENTER	GCO	UNICOM
118.15	128.1 327.15	121.725	122.7 (CTAF) L



CATEGORY	A	B	C	D
S-17	1360-1	521 (600-1)	1360-1½ 521 (600-1½)	1360-1¾ 521 (600-1¾)
CIRCLING	1400-1	556 (600-1)	1400-1½ 556 (600-1½)	1640-2½ 796 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
352°	TDZE	842
	Apt Elev	844

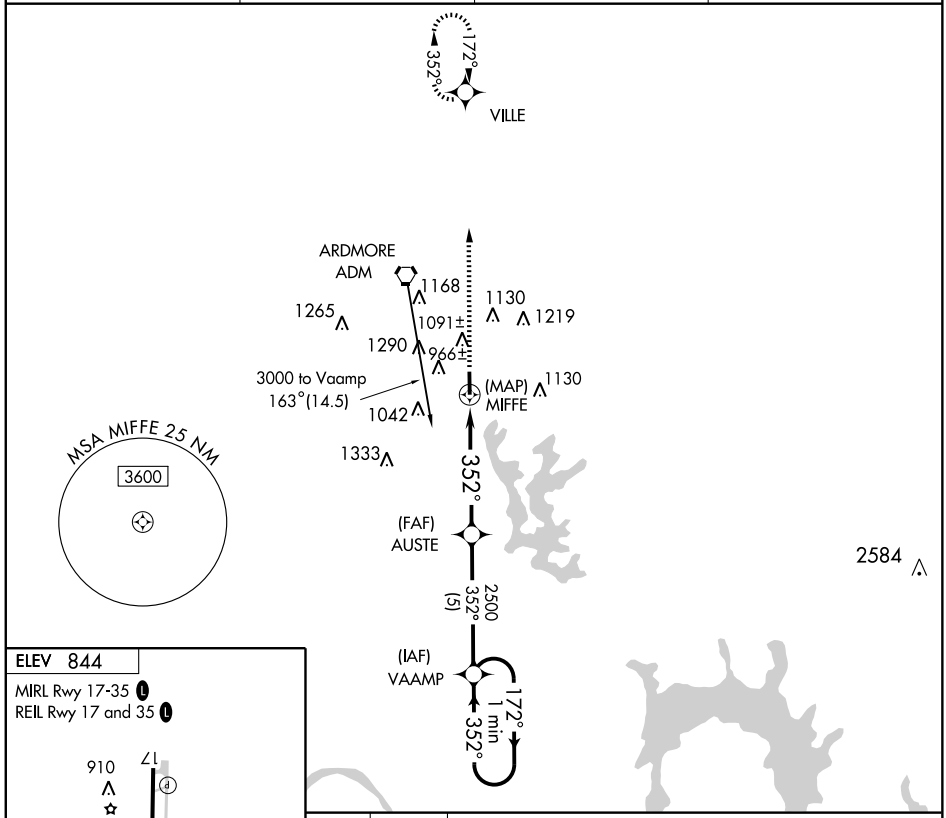
GPS RWY 35

ARDMORE DOWNTOWN EXECUTIVE (1F0)

NA

MISSED APPROACH: Climb to 3000 direct VILLE WP and hold.

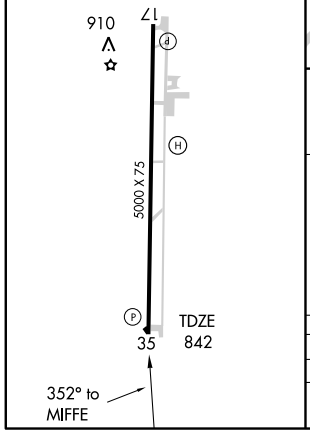
AWOS-3	FORT WORTH CENTER	GCO	UNICOM
118.15	128.1 327.15	121.725	122.7 (CTAF) L

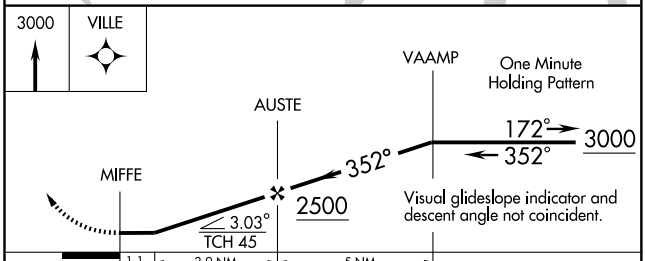


ELEV 844

MIRL Rwy 17-35 L

REIL Rwy 17 and 35 L





CATEGORY	A	B	C	D
S-35	1260-1	418 (500-1)	1260-1¼	418 (500-1¼)
CIRCLING	1420-1	578 (600-1)	1420-1½ 578 (600-1½)	1600-2½ 758 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC ADM 116.7 Chan 114	APP CRS 144°	Rwy Idg N/A TDZE N/A Apt Elev 844

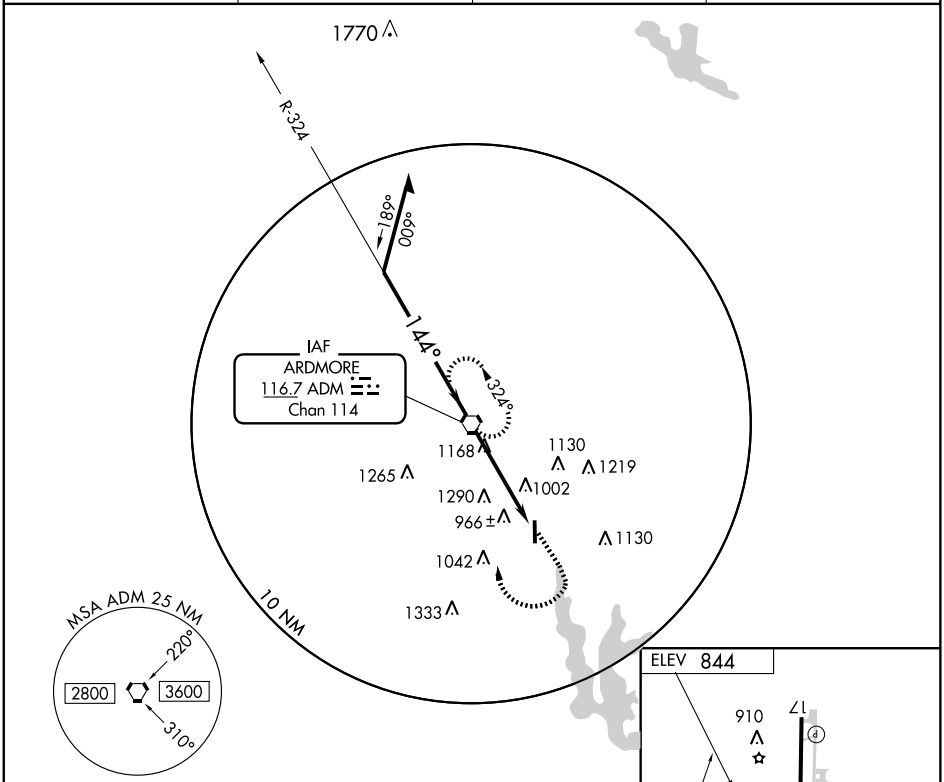
VOR-A

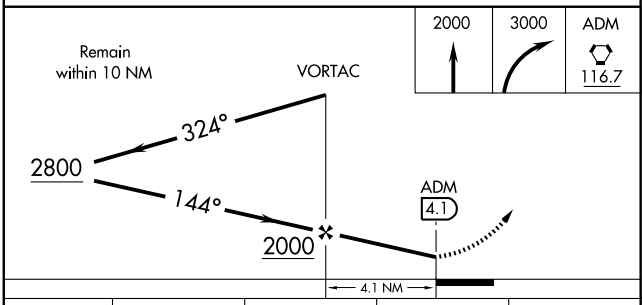
ARDMORE DOWNTOWN EXECUTIVE (1FØ)

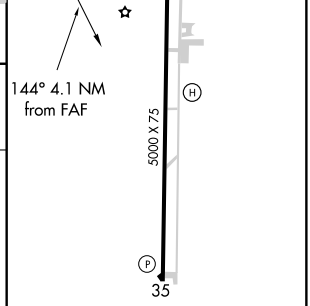
▼ If local altimeter setting not received, use Henry Post AAF, NA FT. Sill altimeter setting and increase all MDAs 220 feet.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct ADM VORTAC and hold.

AWOS-3	FORT WORTH CENTER	GCO	UNICOM
118.15	128.1 327.15	121.725	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1540-1 698 (700-1)		1540-2 698 (700-2)	1600-2½ 758 (800-2½)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

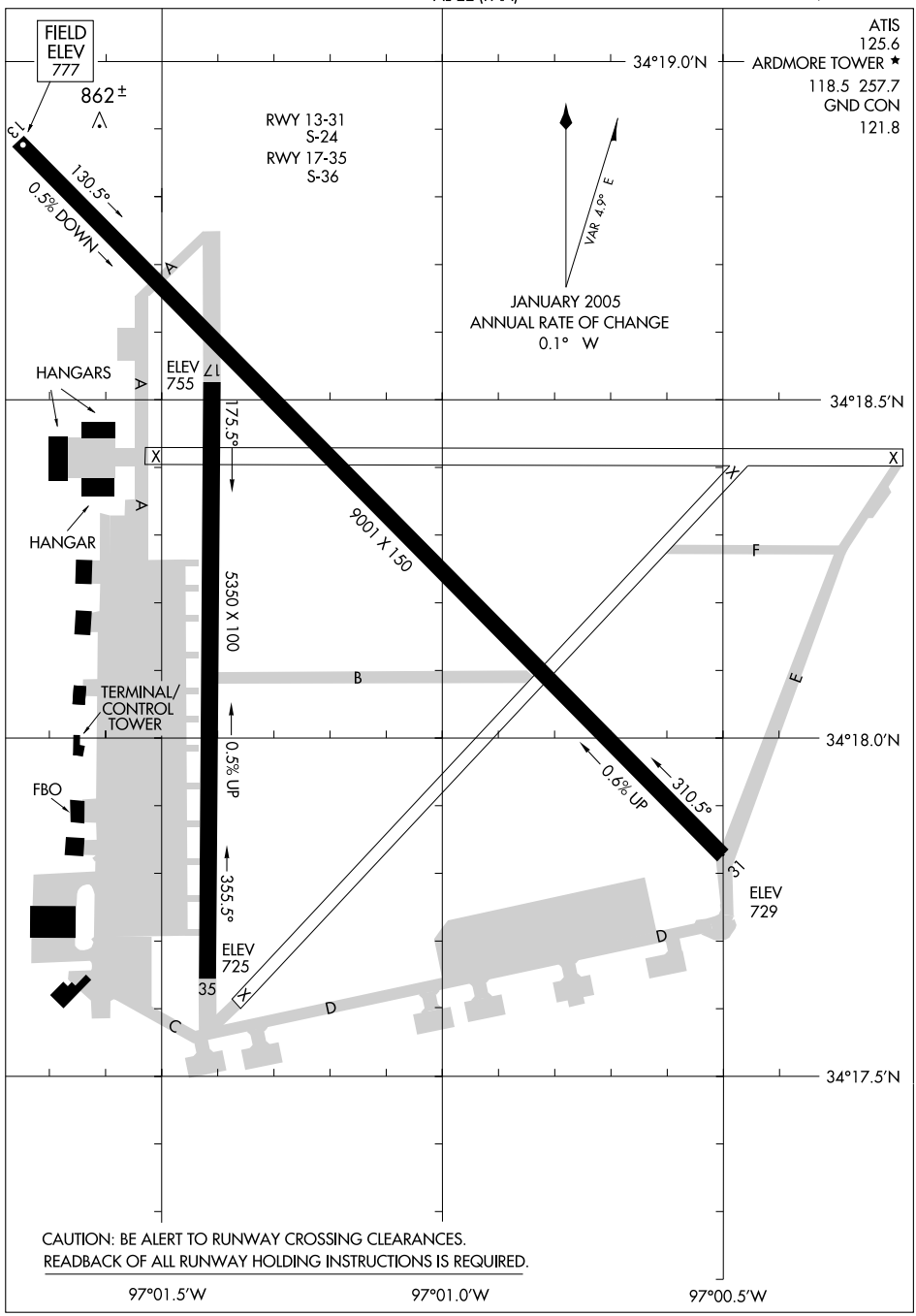
SC-1, 17 DEC 2009 to 14 JAN 2010

09351

AIRPORT DIAGRAM

AL-22 (FAA)

ARDMORE MUNI (ADM)
ARDMORE, OKLAHOMA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-AIW	APP CRS	Rwy Idg	9001
108.9	309°	TDZE	732
		Apt Elev	762

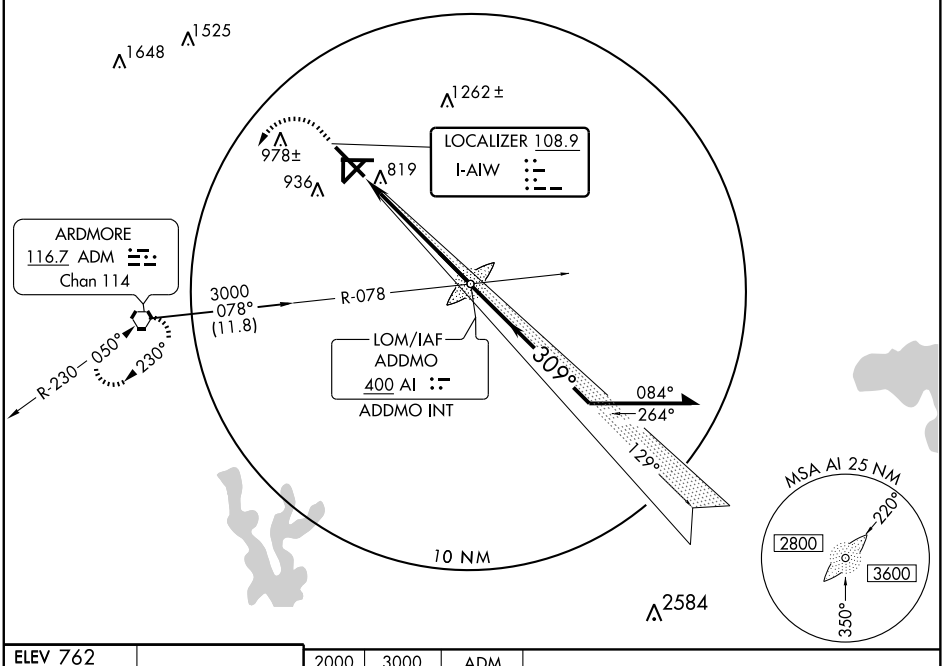
ILS or LOC RWY 31
ARDMORE MUNI (ADM)

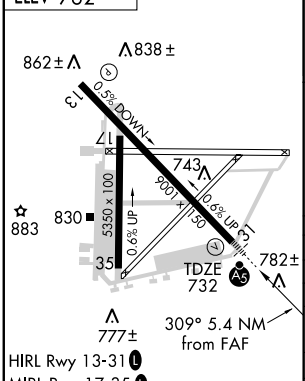
When control tower closed use Ardmore Downtown Executive altimeter setting.
For inoperative MALSR increase S-LOC 31 visibility to 1 mile Cats A/B/C.
Inoperative table does not apply to S-ILS.
Autopilot coupled approach not authorized below 1360′.

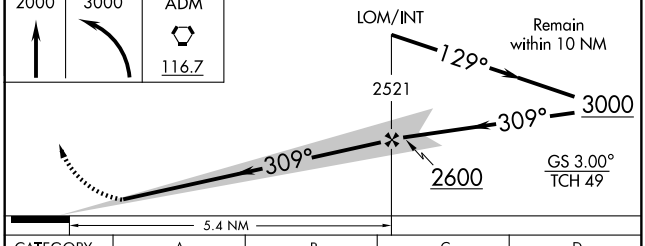
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct ADM VORTAC and hold.

ATIS	FORT WORTH CENTER	ARDMORE TOWER★	GND CON	UNICOM
125.6	128.1 327.15	118.5 (CTAF) L 257.7	121.8	122.95







FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D
S-ILS 31	932-¾ 200 (200-¾)			
S-LOC 31	1080-¾ 348 (400-¾)			
CIRCLING	1300-1 538 (600-1)	1380-1 618 (700-1)	1500-2 738 (800-2)	1540-2½ 778 (800-2½)
ARDMORE DOWNTOWN EXECUTIVE ALTIMETER SETTING MINIMUMS				
S-ILS 31	969-¾ 237 (300-¾)			
S-LOC 31	1120-¾ 388 (400-¾)			
CIRCLING	1340-1 578 (600-1)	1420-1 658 (700-1)	1540-2¼ 778 (800-2¼)	1580-2¾ 818 (900-2¾)

SC-1, 17 DEC 2009 to 14 JAN 2010

ARDMORE, OKLAHOMA

APP CRS	Rwy Idg	9001
309°	TDZE	732
	Apt Elev	762

AL-22 (FAA)

RNAV (GPS) RWY 31

ARDMORE MUNI (ADM)

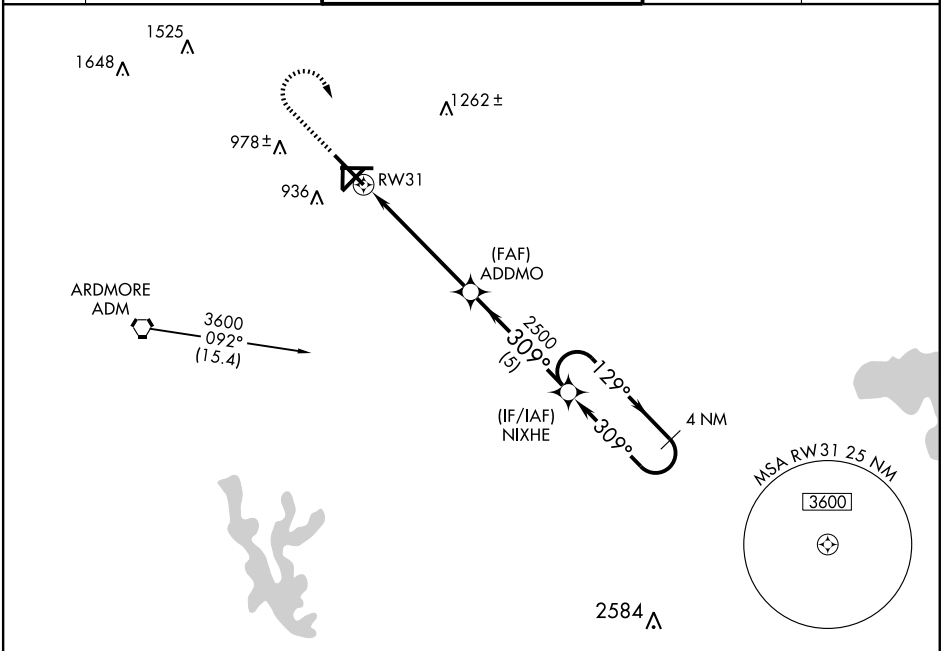
When control tower closed use Ardmore Downtown Executive altimeter setting and increase all MDAs 40 feet. VDP NA when using Ardmore Downtown Executive altimeter setting. For inoperative MALSR increase LNAV MDA Cat A and B visibility to 1 mile. GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

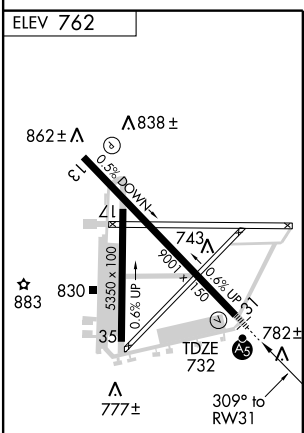
NA

MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3600 direct NIXHE WP and hold.

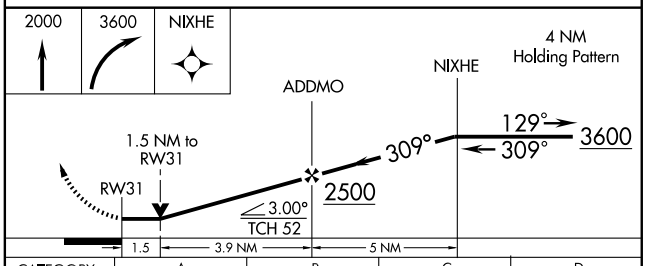
ATIS	FORT WORTH CENTER	ARDMORE TOWER ★	GND CON	UNICOM
125.6	128.1 327.15	118.5 (CTAF) L 257.7	121.8	122.95





HIRL Rwy 13-31 L

MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	1260-¾ 528 (500-¾)		1260-1 528 (500-1)	1260-1¼ 528 (500-1¼)
CIRCLING	1300-1 538 (600-1)	1380-1 618 (700-1)	1500-2 738 (800-2)	1540-2½ 778 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

ARDMORE, OKLAHOMA

VORTAC ADM	APP CRS	Rwy Idg	N/A
116.7	050°	TDZE	N/A
Chan 114		Apt Elev	762

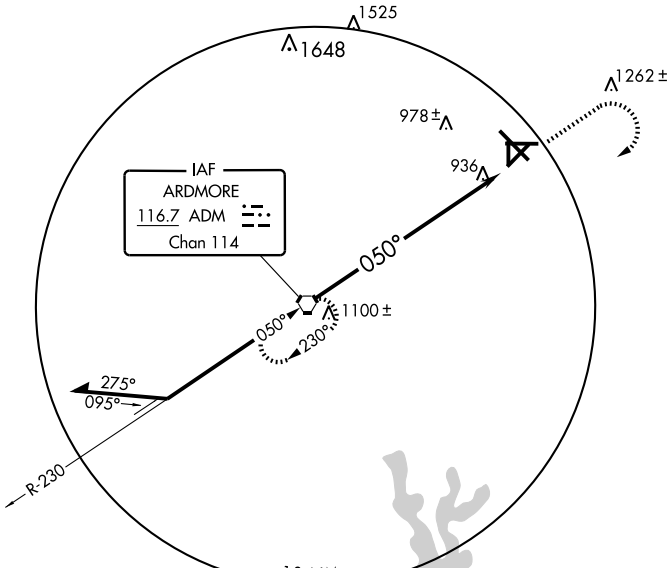
VOR-B

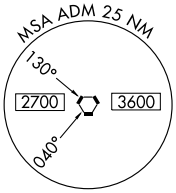
ARDMORE MUNI (ADM)

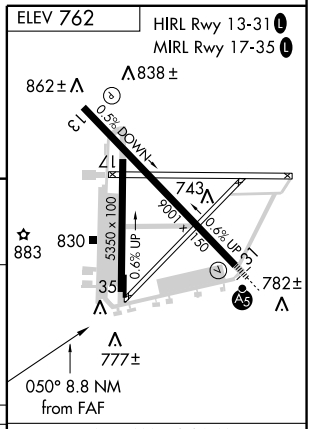
When control tower closed use Ardmore Downtown Executive altimeter setting and increase all MDAs 40 feet.

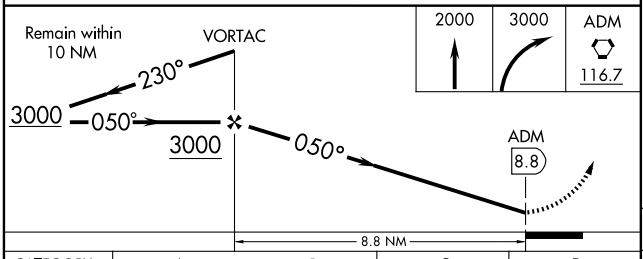
MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct ADM VORTAC and hold.

ATIS	FORT WORTH CENTER	ARDMORE TOWER★	GND CON	UNICOM
125.6	128.1 327.15	118.5 (CTAF) L 257.7	121.8	122.95









CATEGORY	A	B	C	D
CIRCLING	1340-1 578 (600-1)	1380-1 618 (700-1)	1500-2 738 (800-2)	1540-2½ 778 (800-2½)

FAF to MAP 8.8 NM

Knots	60	90	120	150	180
Min:Sec	8:48	5:52	4:24	3:31	2:56

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-BVO	APP CRS	Rwy Idg	6200
111.3	172°	TDZE	695
		Apt Elev	711

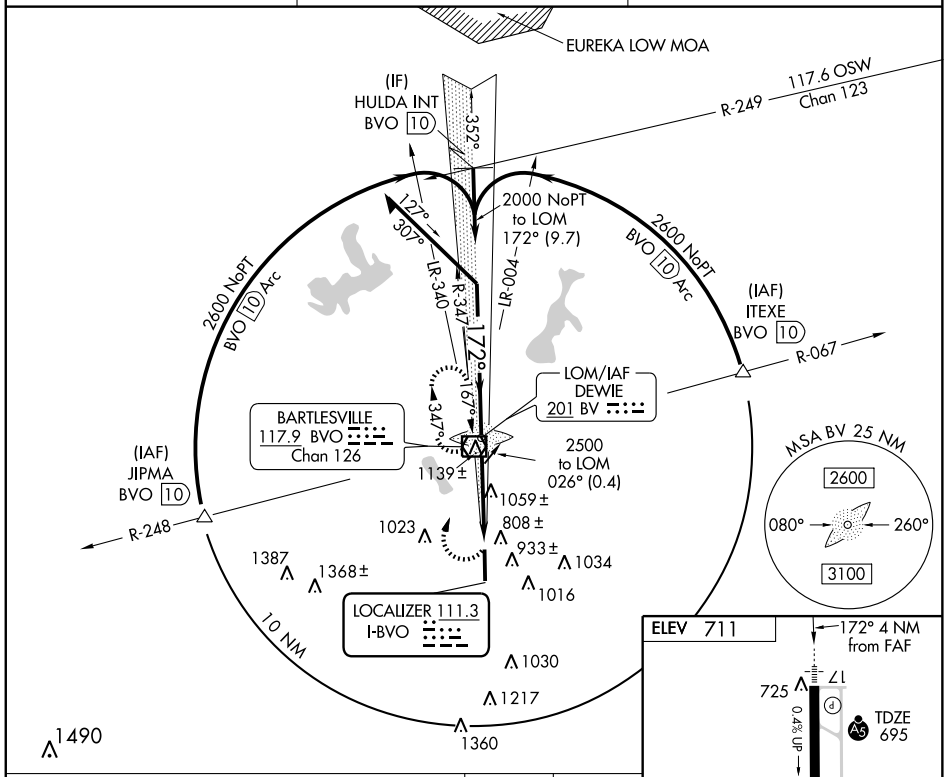
LOC RWY 17
BARTLESVILLE MUNI (BVO)

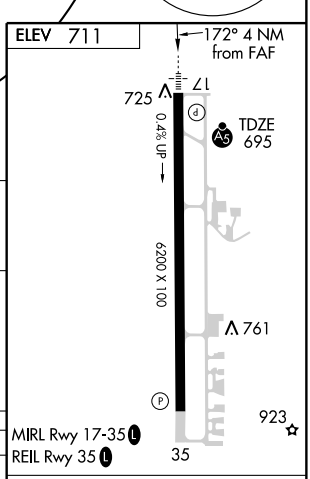
T NA — For inoperative MALSR, increase S-17 Cats A and B visibility to 1 mile. Circling NA east of Rwy 17-35. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDAs 100 feet and S-17 Cat C/D visibilities ¼ mile, circling Cat B/C/D visibilities ¼ mile.

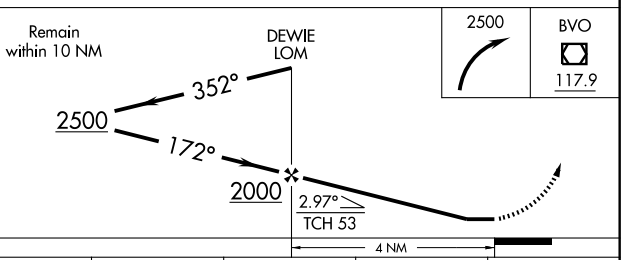
MALSR

MISSED APPROACH: Climbing right turn to 2500 direct BVO VOR/DME and hold, continue climb-in-hold to 2500.

AWOS	KANSAS CITY CENTER	UNICOM
132.675	128.8 354.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-17	1320-¾ 625 (700-¾)		1320-1¼ 625 (700-1¼)	1320-1½ 625 (700-1½)
CIRCLING	1400-1 689 (700-1)		1400-2 689 (700-2)	1400-2¼ 689 (700-2¼)

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS Chan **58201** **W17A**	APP CRS **172°**	Rwy Idg **6200** TDZE **695** Apt Elev **711**

RNAV (GPS) RWY 17

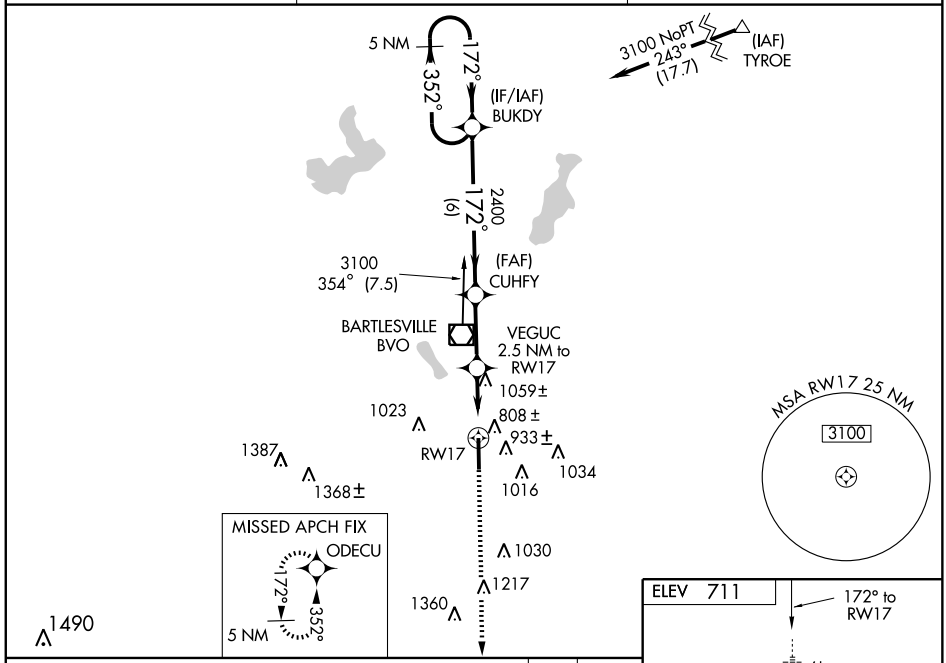
BARTLESVILLE MUNI (BVO)

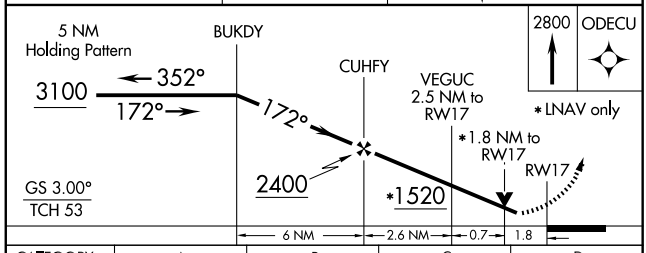
For inoperative MALSR, increase LNAV MDA Cats A and B visibility to 1 mile. Circling NA east of Rwy 17-35. Baro-VNAV NA when using Tulsa Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Tulsa Intl altimeter setting. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DAs 84 feet and all visibilities ¼ mile; increase all MDAs 100 feet and LNAV Cat C/D visibility ¼ mile, Circling Cat B/C/D visibility ¼ mile.

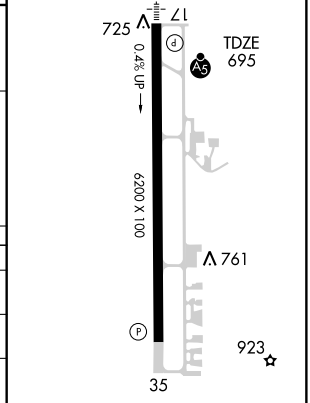
MALSR

MISSED APPROACH: Climb to 2800 direct ODECU and hold.

AWOS	KANSAS CITY CENTER	UNICOM
132.675	**128.8 354.1**	**123.0** (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1192-1¼ 497 (500-1¼)			
LNAV/VNAV DA	1451-2¼ 756 (800-2¼)			
LNAV MDA	1320-¾ 625 (700-¾)		1320-1¼ 625 (700-1¼)	1320-1½ 625 (700-1½)
CIRCLING	1400-1 689 (700-1)		1400-2 689 (700-2)	1400-2¼ 689 (700-2¼)

MIRL Rwy 17-35 L
REIL Rwy 35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS Chan 61305 W35A	APP CRS 352°	Rwy Idg 6200 / TDZE 711 / Apt Elev 711

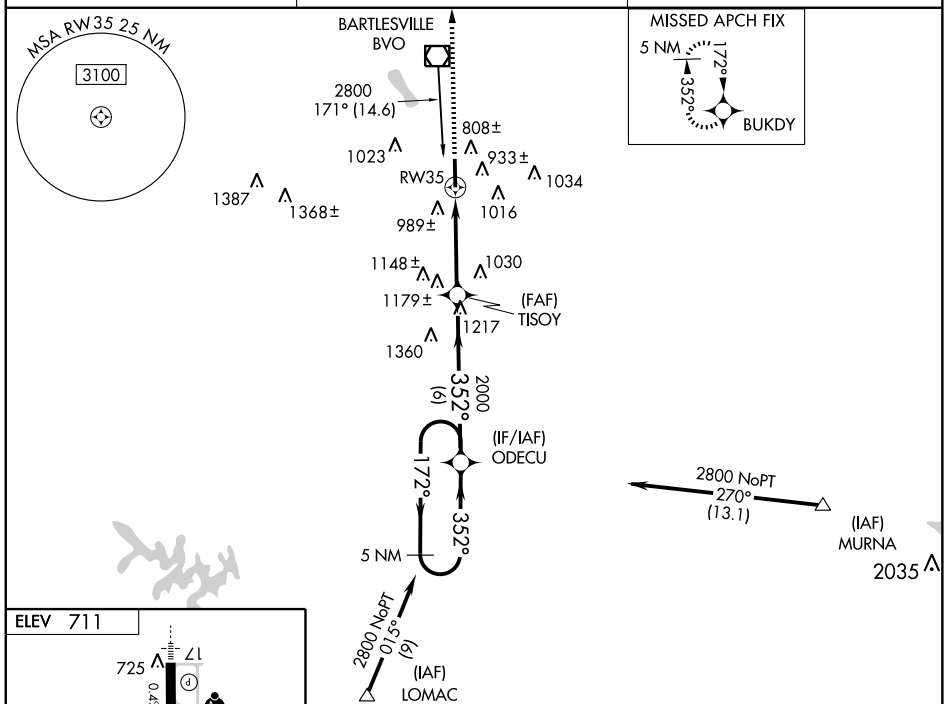
RNAV (GPS) RWY 35

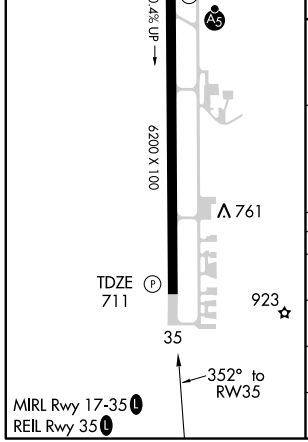
BARTLESVILLE MUNI (BVO)

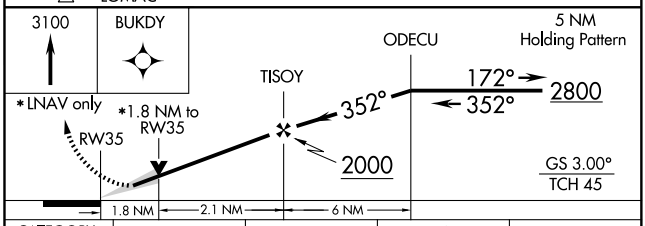
Circling NA east of Rwy 17-35. Baro-VNAV NA when using Tulsa Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. VDP NA when using Tulsa Intl altimeter setting. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DAs 84 feet and all visibilities ¼ mile; increase all MDAs 100 feet and LNAV Cat C/D visibility ¼ mile, circling Cat B/C/D visibility ¼ mile.

MISSED APPROACH: Climb to 3100 direct BUKDY and hold.

AWOS	KANSAS CITY CENTER	UNICOM
132.675	128.8 354.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	961-1 250 (300-1)			
LNAV/VNAV DA	1327-2¼ 616 (700-2¼)			
LNAV MDA	1340-1 629 (700-1)		1340-1¾ 629 (700-1¾)	1340-2 629 (700-2)
CIRCLING	1400-1 689 (700-1)		1400-2 689 (700-2)	1400-2¼ 689 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME BVO 117.9 Chan 126	APP CRS 348°	Rwy Idg 6200 TDZE 711 Apt Elev 711

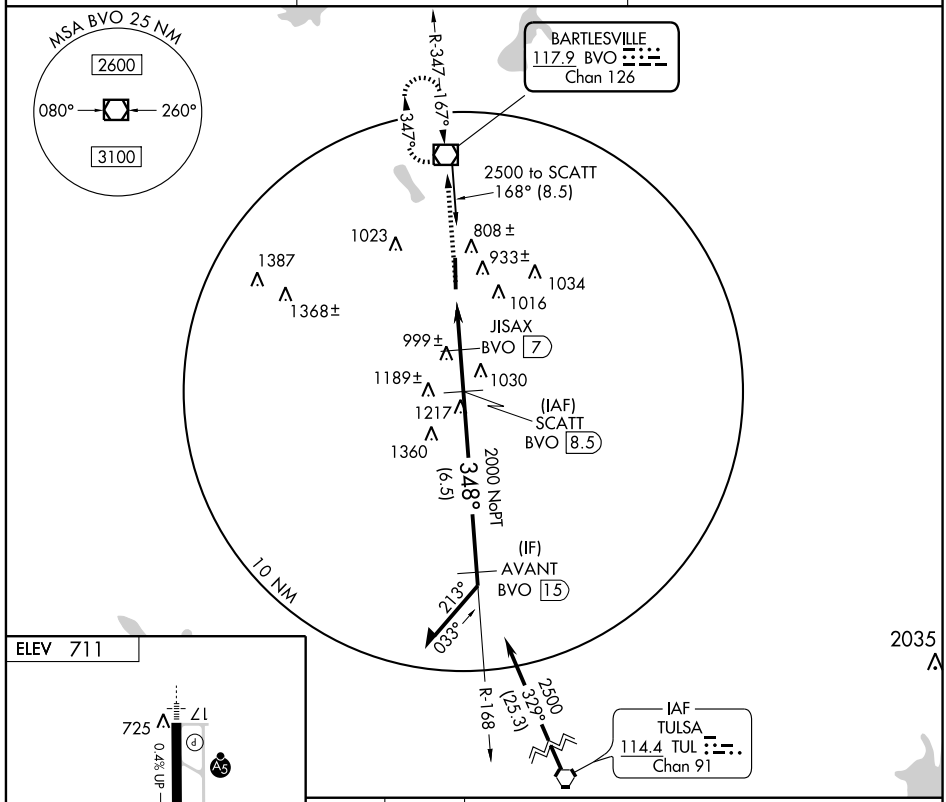
VOR/DME RWY 35

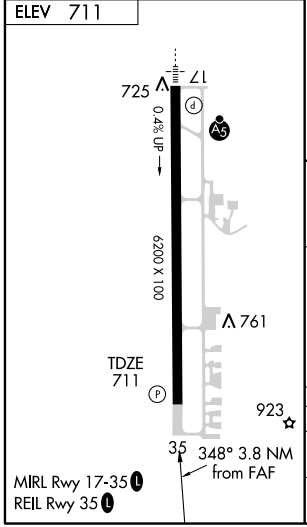
BARTLESVILLE MUNI (BVO)

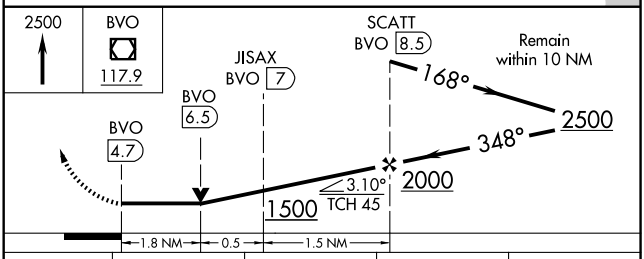
Circling NA east of Rwy 17-35. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDAs 100 feet and S-35 Cat C/D visibility ¼ mile, Circling Cat B/C/D visibility ¼ mile. VDP NA when using Tulsa Intl altimeter setting.

MISSED APPROACH: Climb to 2500 direct BVO VOR/DME and hold.

AWOS	KANSAS CITY CENTER	UNICOM
132.675	128.8 354.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-35	1320-1 609 (700-1)		1320-1¾ 609 (700-1¾)	1320-2 609 (700-2)
CIRCLING	1400-1 689 (700-1)		1400-2 689 (700-2)	1400-2¼ 689 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME BVO	APP CRS	Rwy Idg 6200
117.9	167°	TDZE 695
Chan 126		Apt Elev 711

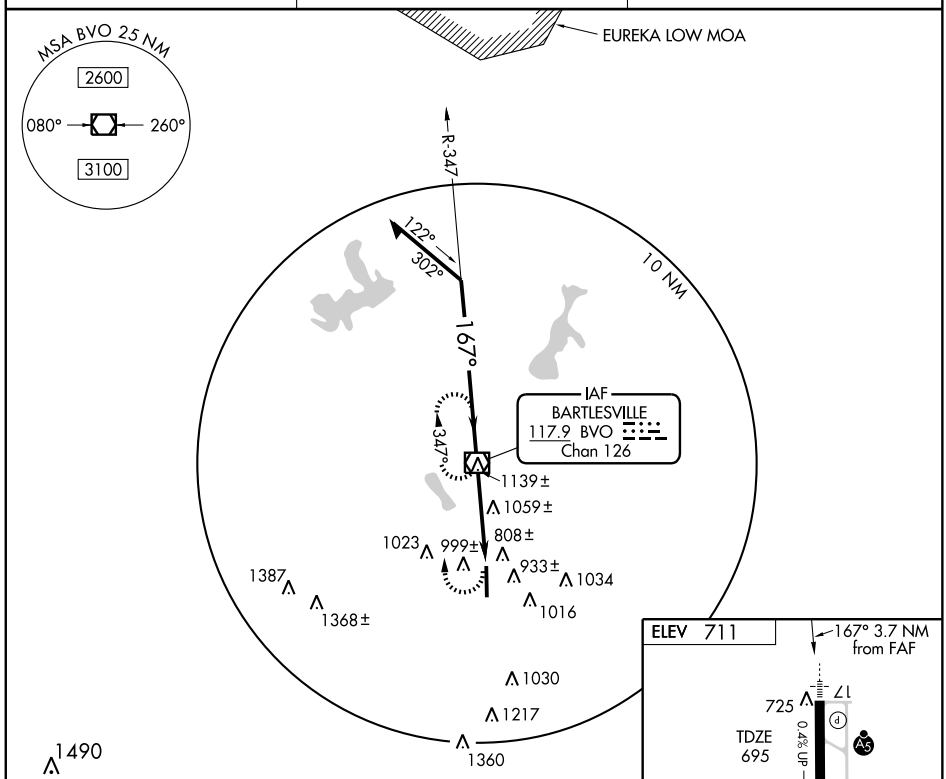
VOR RWY 17
BARTLESVILLE MUNI (BVO)

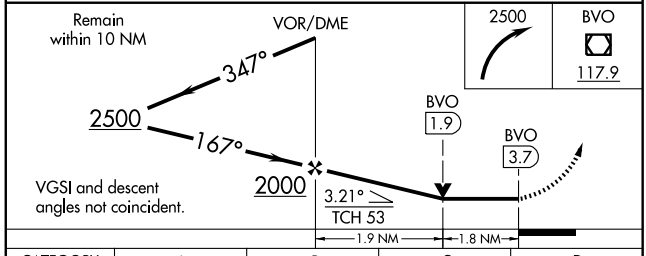
T A For inoperative MALSR, increase S-17 Cats A and B visibility to 1 mile. Circling NA east of Rwy 17-35. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDAs 100 feet and S-17 Cat C/D visibility ¼ mile, Circling Cat B/C/Dvisibility ¼ mile. VDP NA when using Tulsa Intl altimeter setting.

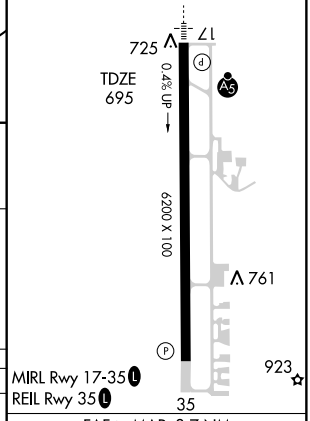
MALSR

MISSED APPROACH: Climbing right turn to 2500 direct BVO VOR/DME and hold, continue climb-in-hold to 2500.

AWOS	KANSAS CITY CENTER	UNICOM
132.675	128.8 354.1	123.0 (CTAF) L







FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

CATEGORY	A	B	C	D
S-17	1320-¾ 625 (700-¾)		1320-1¼ 625 (700-1¼)	1320-1½ 625 (700-1½)
CIRCLING	1400-1 689 (700-1)		1400-2 689 (700-2)	1400-2¼ 689 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3501
174°	TDZE	1030
	Apt Elev	1029

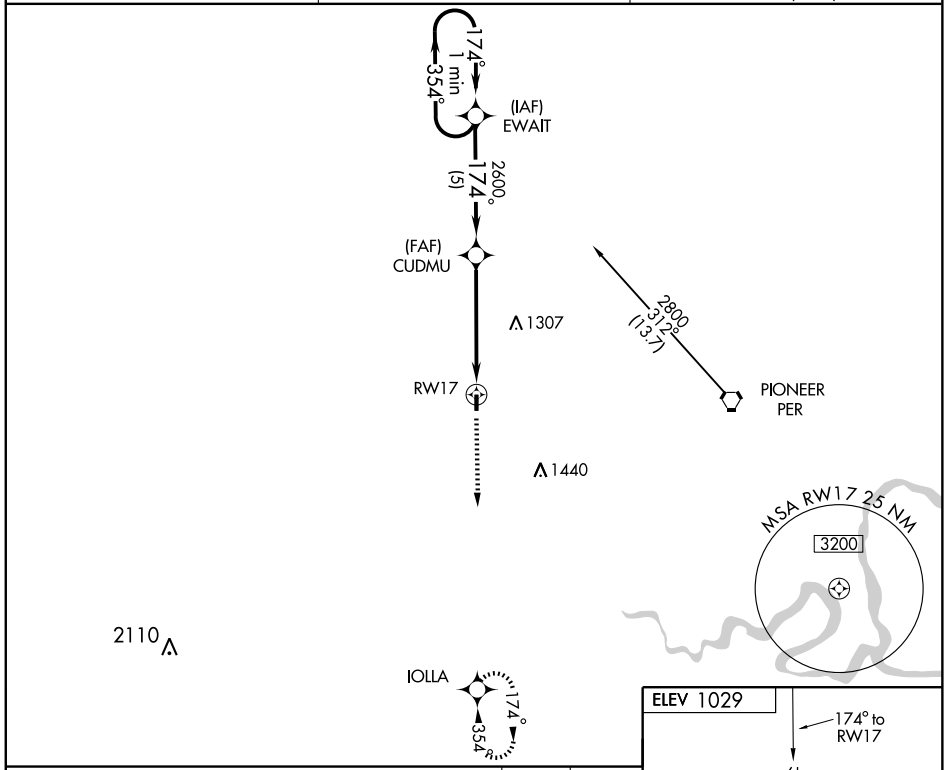
GPS RWY 17

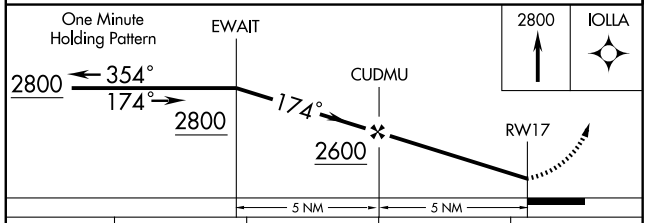
BLACKWELL-TONKAWA MUNI (BKN)

NA Use Ponca City altimeter setting; when not received, use Wichita Mid-Continent altimeter setting.

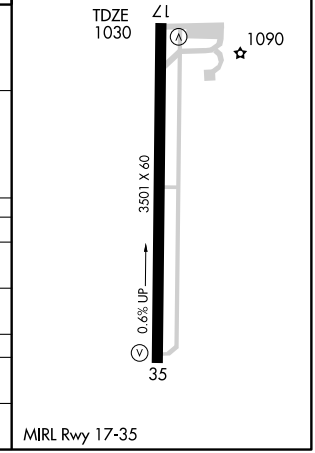
MISSED APPROACH: Climb to 2800 direct IOLLA and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
120.575	127.8 319.1	122.8 (CTAF)





CATEGORY	A	B	C	D
S-17	1560-1	531 (600-1)	1560-1½ 531 (600-1½)	NA
CIRCLING	1560-1	531 (600-1)	1560-1½ 531 (600-1½)	NA
WICHITA MID-CONTINENT ALTIMETER SETTING MINIMUMS				
S-17	1700-1	671 (700-1)	1700-2 671 (700-2)	NA
CIRCLING	1700-1	671 (700-1)	1700-2 671 (700-2)	NA



MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
354°	Rwy Idg	3501
	TDZE	1026
	Apt Elev	1029

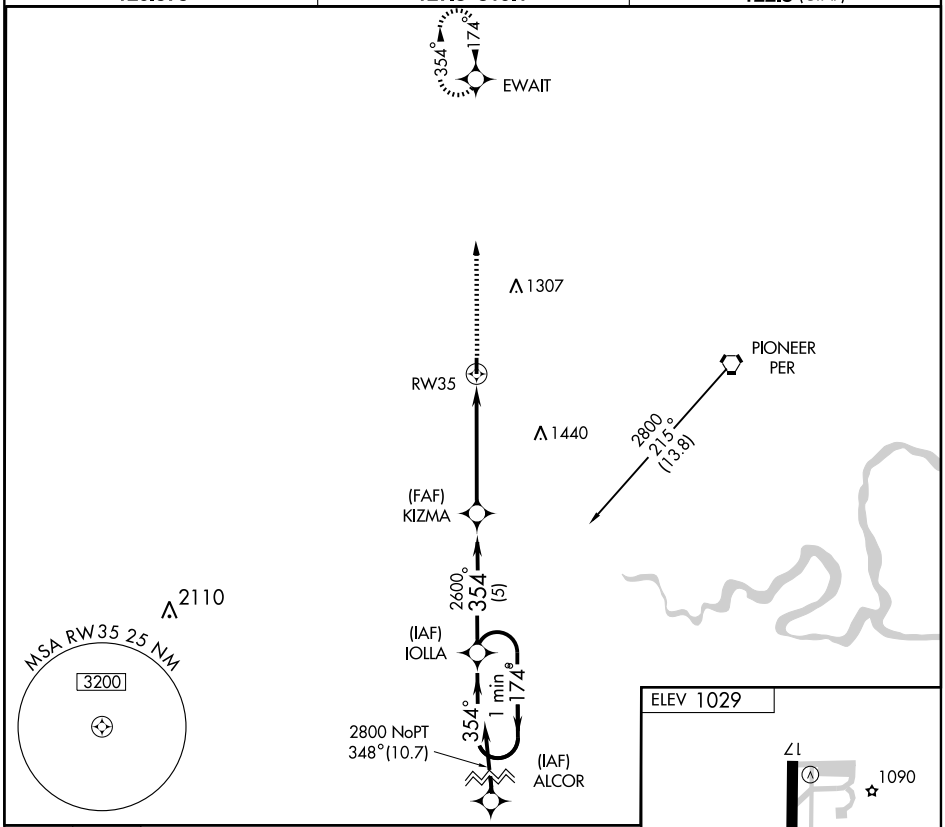
GPS RWY 35

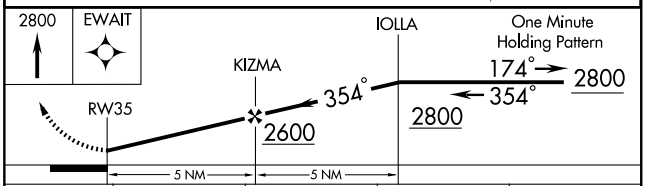
BLACKWELL-TONKAWA MUNI (BKN)

NA	MISSED APPROACH: Climb to 2800 direct EWAIT and hold.

Use Ponca City altimeter setting; when not received, use Wichita Mid-Continent altimeter setting.

AWOS-3	KANSAS CITY CENTER	UNICOM
120.575	127.8 319.1	122.8 (CTAF)





CATEGORY	A	B	C	D
S-35	1420-1 396 (400-1)			NA
CIRCLING	1480-1 451 (500-1)		1480-1½ 451 (500-1½)	NA
WICHITA MID-CONTINENT ALTIMETER SETTING MINIMUMS				
S-35	1560-1 536 (600-1)		1560-1½ 536 (600-1½)	NA
CIRCLING	1620-1 591 (600-1)		1620-1½ 591 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC PER	APP CRS	Rwy Idg	N/A
113.2	263°	TDZE	N/A
Chan 79		Apt Elev	1029

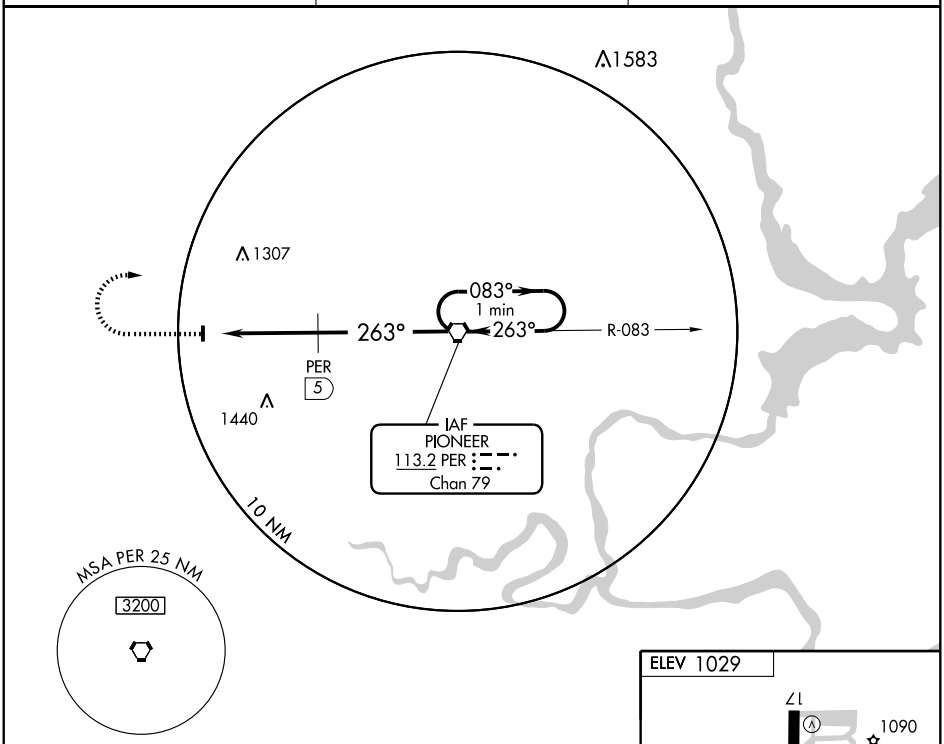
VOR-A

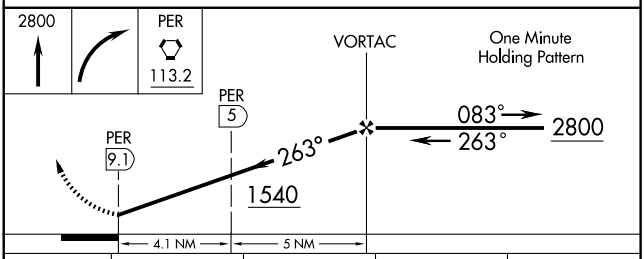
BLACKWELL-TONKAWA MUNI (BKN)

⚠ NA — Use Ponca City altimeter setting; when not received, use Wichita Mid-Continent altimeter setting and increase all MDAs 140 feet.

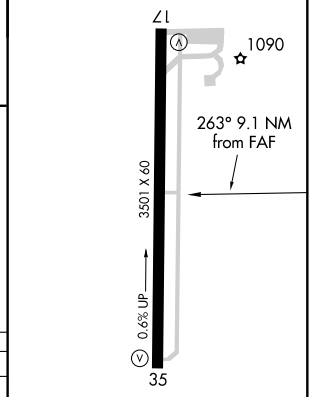
MISSED APPROACH: Climb to 2800 then right turn direct PER VORTAC and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
120.575	127.8 319.1	122.8 (CTAF)





CATEGORY	A	B	C	D
CIRCLING	1540-1 511 (600-1)		1540-1½ 511 (600-1½)	NA
DME MINIMUMS				
CIRCLING	1440-1 411 (500-1)	1480-1 451 (500-1)	1480-1½ 451 (500-1½)	NA



MIRL Rwy 17-35

FAF to MAP 9.1 NM

Knots	60	90	120	150	180
Min:Sec	9:06	6:04	4:33	3:38	3:02

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4210
040°	TDZE	4178
	Apt Elev	4178

RNAV (GPS) RWY 4

BOISE CITY (17K)

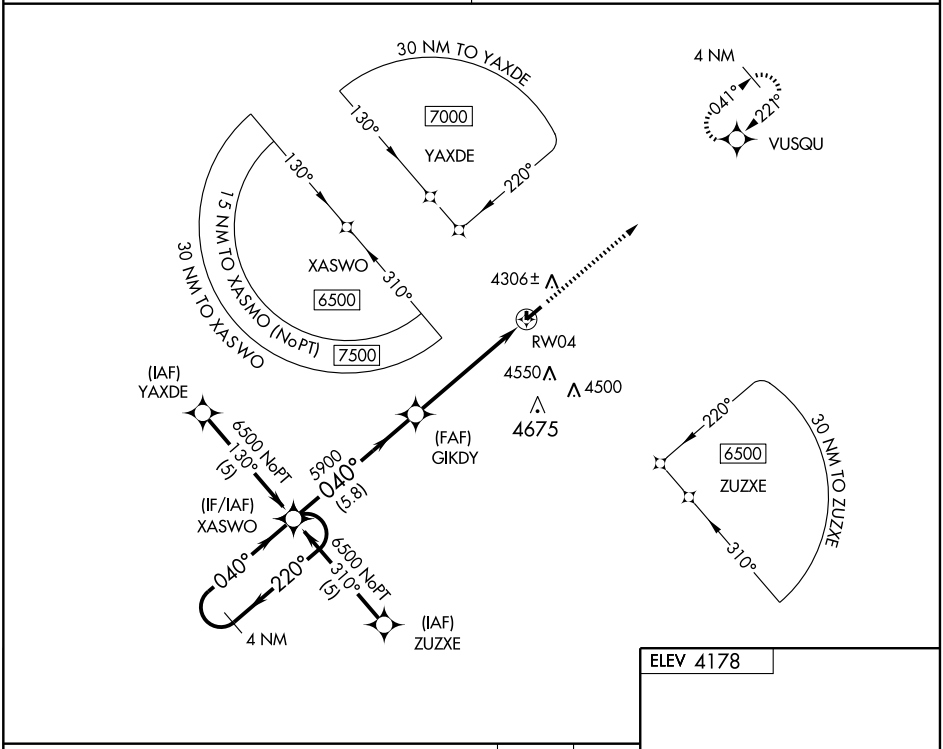
Use Dalhart, TX altimeter setting; when not received, procedure not authorized. GPS or RNP-0.3 required. DME/DME RNP-O.3 NA.

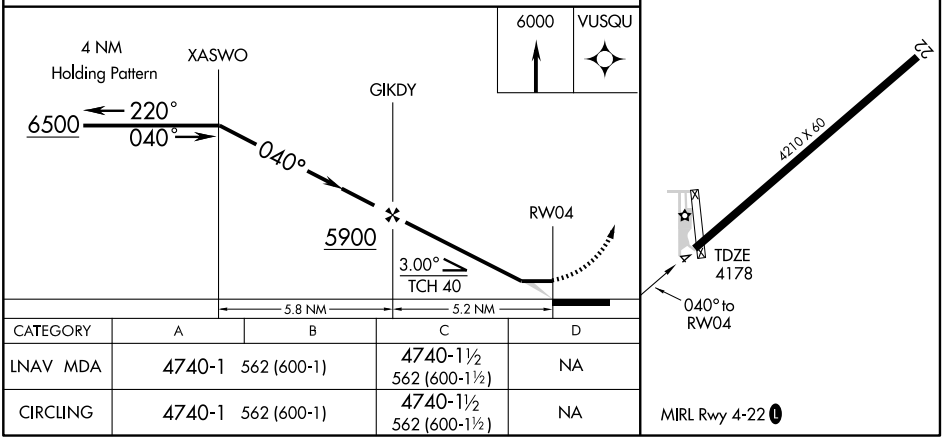
NA

MISSED APPROACH: Climb to 6000 direct VUSQU and hold.

ALBUQUERQUE CENTER
127.85 285.475

CTAF 122.9 L





CATEGORY	A	B	C	D
LNAV MDA	4740-1	562 (600-1)	4740-1½ 562 (600-1½)	NA
CIRCLING	4740-1	562 (600-1)	4740-1½ 562 (600-1½)	NA

MIRL Rwy 4-22 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3400
176°	TDZE	848
	Apt Elev	851

RNAV (GPS) RWY 17

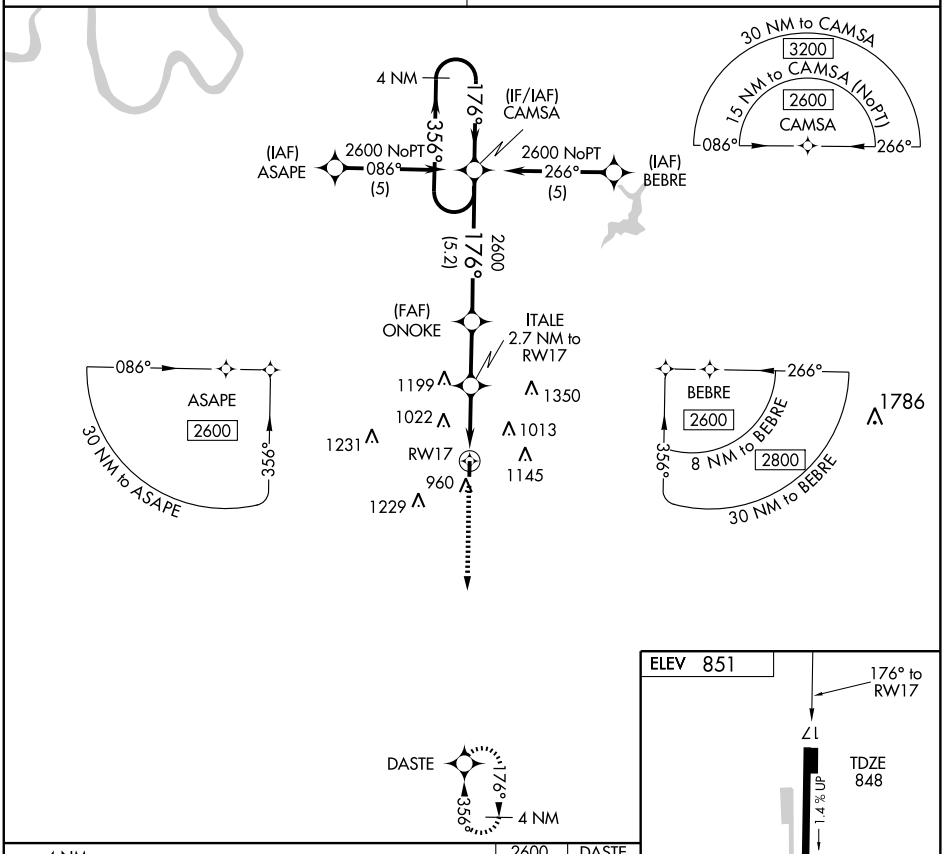
BRISTOW/JONES MEMORIAL (3F7)

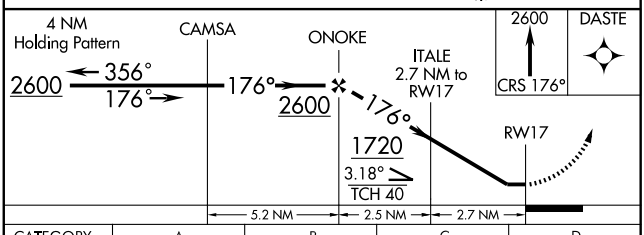
Use Tulsa International altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Procedure NA at night.

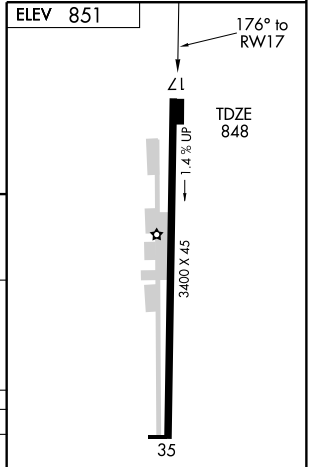
NA

MISSED APPROACH: Climb to 2600 via 176° course to DASTE and hold.

KANSAS CITY CENTER	CTAF
128.8 354.1	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1400-1	552 (600-1)	1400-1½ 552 (600-1½)	NA
CIRCLING	1420-1	569 (600-1)	1440-1½ 589 (600-1½)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3400
356°	TDZE	851
	Apt Elev	851

RNAV (GPS) RWY 35

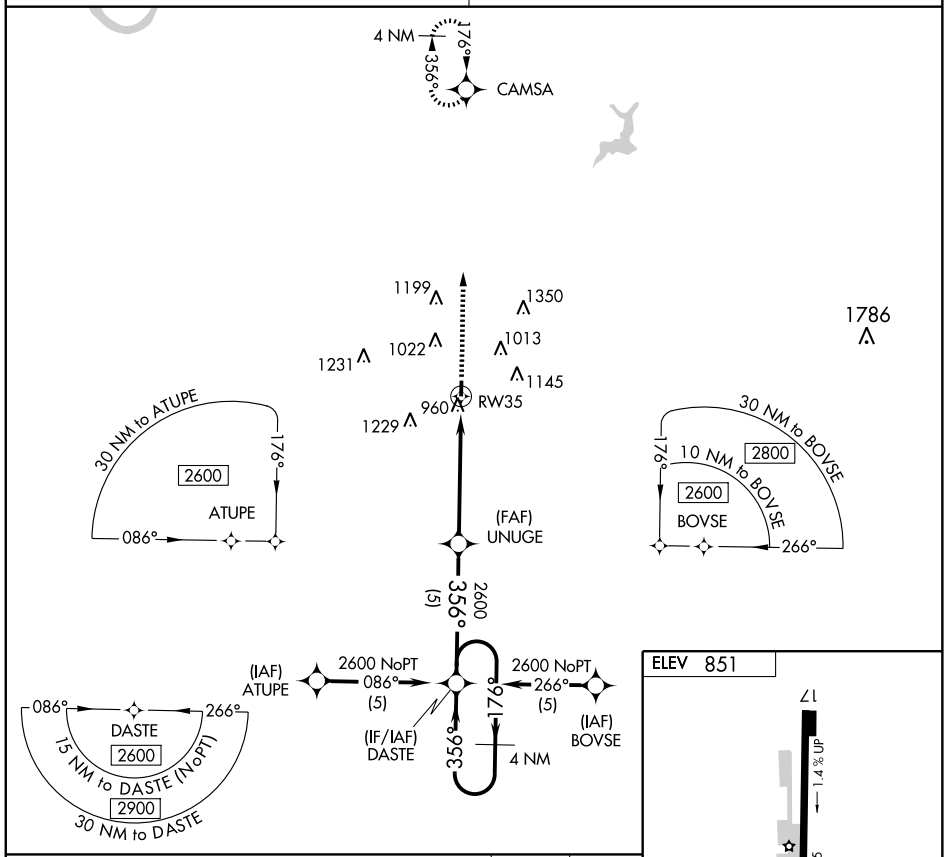
BRISTOW/ JONES MEMORIAL (3F7)

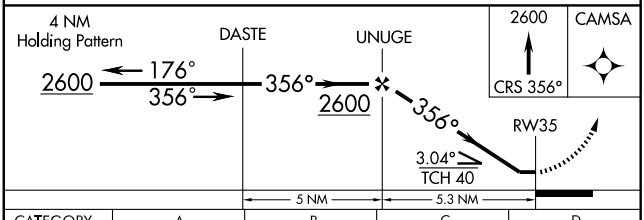
Use Tulsa International altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Procedure NA at night.

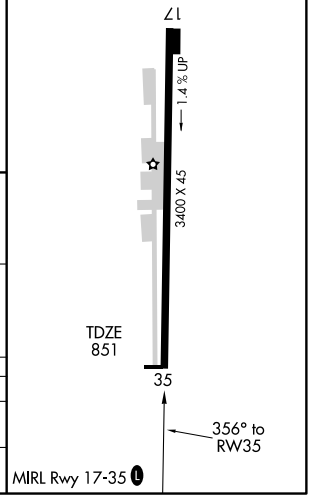
NA

MISSED APPROACH: Climb to 2600 via 356° course to CAMSA and hold.

KANSAS CITY CENTER	CTAF
128.8 354.1	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	1380-1	529 (600-1)	1380-1½ 529 (600-1½)	NA
CIRCLING	1420-1	569 (600-1)	1440-1½ 589 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

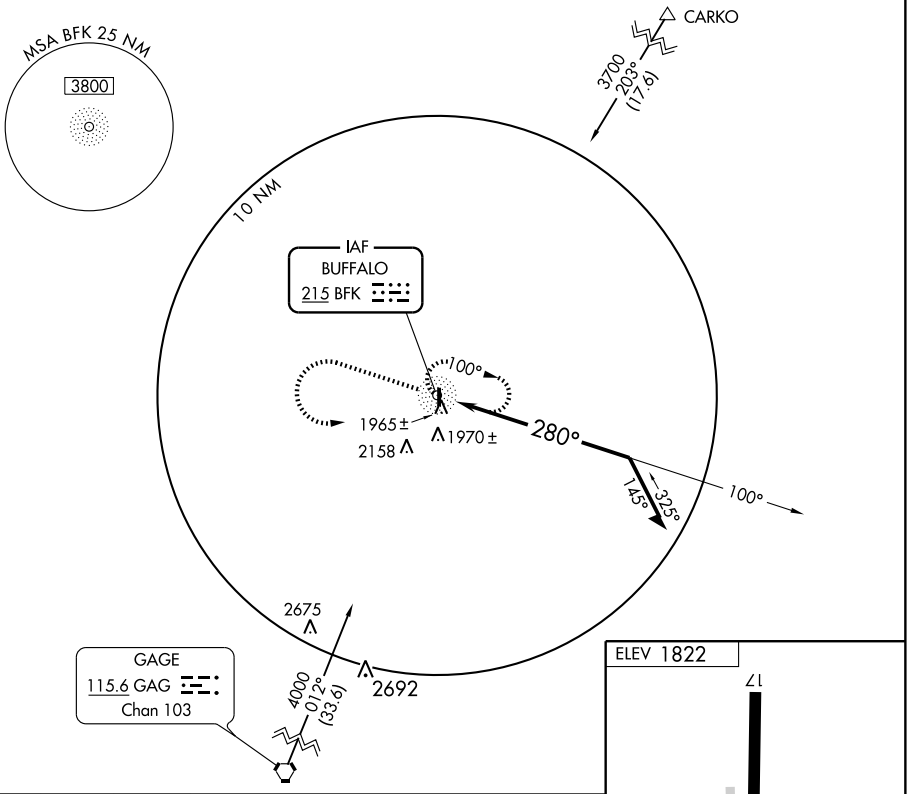
NDB BFK 215	APP CRS 280°	Rwy Idg N/A TDZE N/A Apt Elev 1822

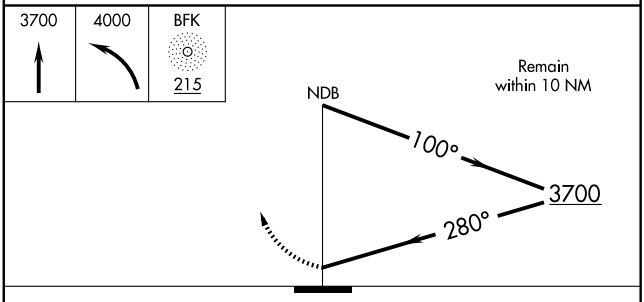
NDB-A
BUFFALO MUNI (BFK)

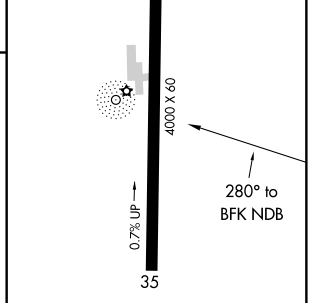
NA Use Woodward/West Woodward altimeter setting; if not received, procedure not authorized.

MISSED APPROACH: Climb to 3700 then left climbing turn to 4000 direct BFK NDB and hold.

AWOS-3	KANSAS CITY CENTER	CTAF
118.425	126.95 379.2	122.9 L







MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
CIRCLING	2460-1 638 (700-1)		2460-1¾ 638 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 17

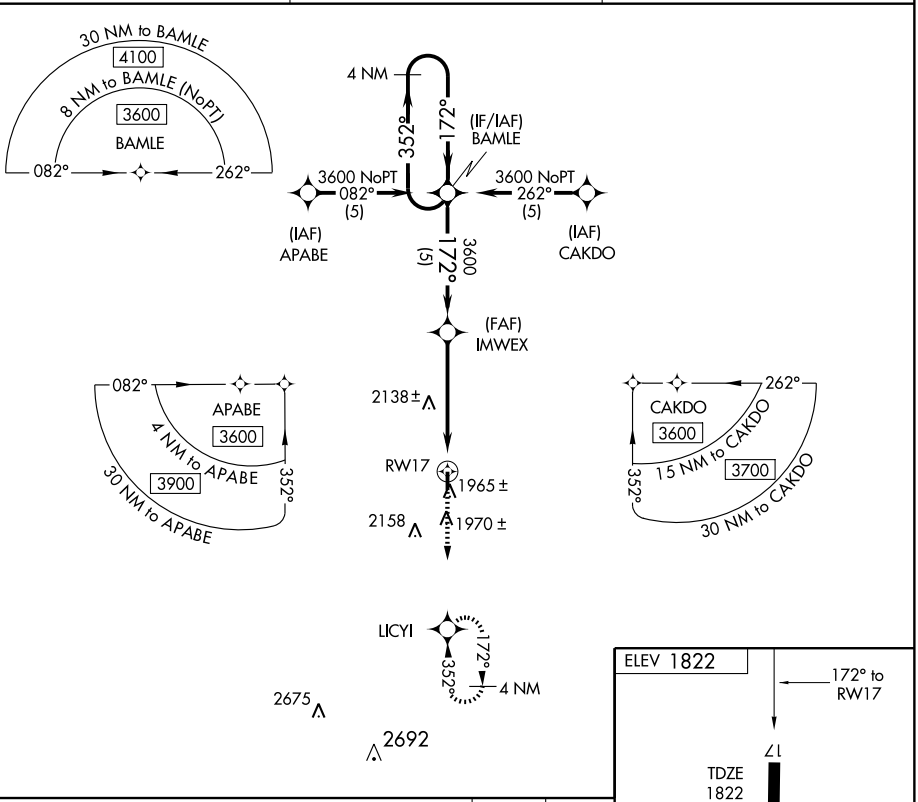
BUFFALO MUNI (BFK)

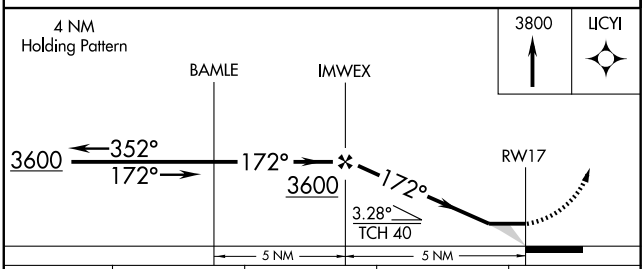
APP CRS	Rwy Idg	TDZE	Apt Elev
172°	4000	1822	1822

NA DME/DME RNP-0.3 NA. Use Woodward/West Woodward altimeter setting; if not received, procedure not authorized.

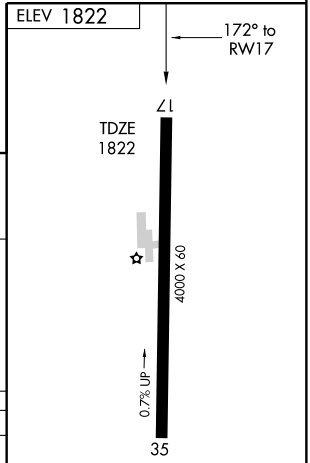
MISSED APPROACH: Climb to 3800 direct LICYI WP and hold.

AWOS-3	KANSAS CITY CENTER	CTAF
118.425	126.95 379.2	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	2500-1	678 (700-1)	2500-2 678 (700-2)	NA
CIRCLING	2500-1	678 (700-1)	2500-2 678 (700-2)	NA



MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

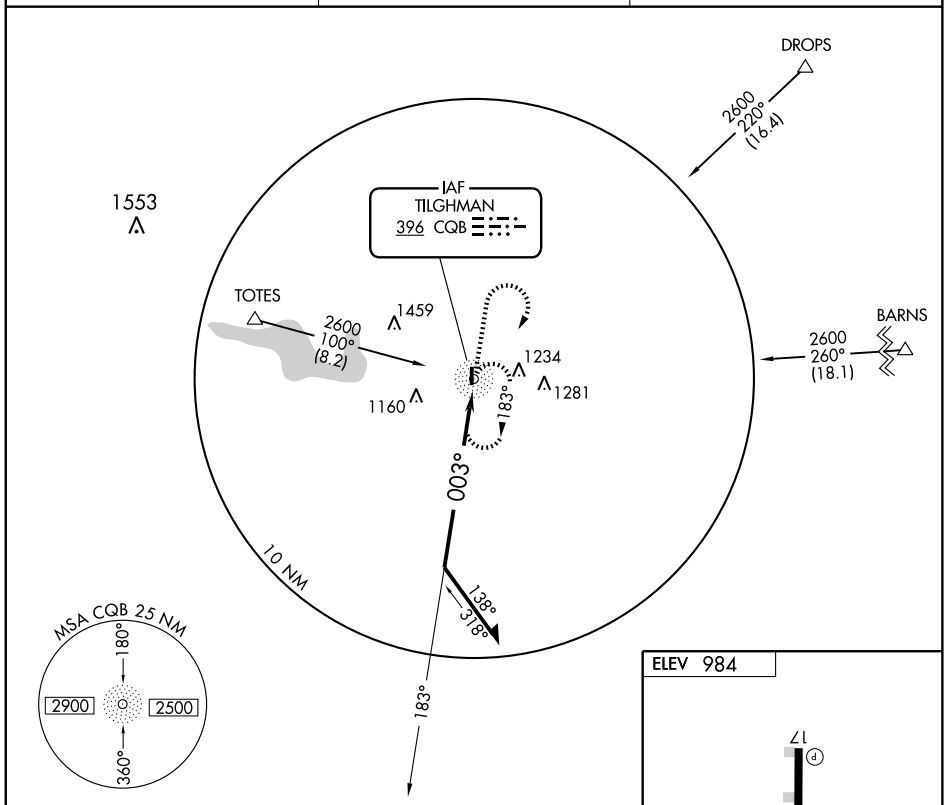
NDB CQB	APP CRS	Rwy Idg	4000
396	003°	TDZE	984
		Apt Elev	984

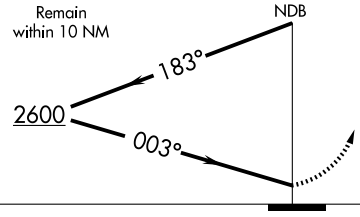
NDB RWY 35
CHANDLER RGNL (CQB)

▼ If local altimeter setting not received, use Shawnee Rgnl altimeter setting and increase all MDAs 80 feet.
▲ NA

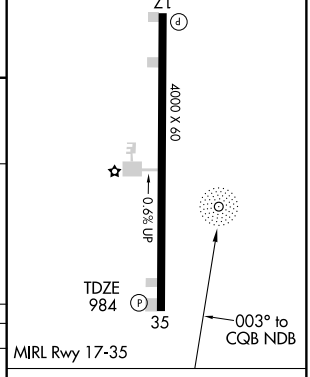
MISSED APPROACH: Climb to 2000 then climbing right turn to 2600 direct CQB NDB and hold.

AWOS-3	KANSAS CITY CENTER	CTAF
119.275	128.3 291.7	122.9





2000	2600	CQB
		396



CATEGORY	A	B	C	D
S-35	1420-1 436 (500-1)		1420-1¼ 436 (500-1¼)	NA
CIRCLING	1420-1 436 (500-1)	1440-1 456 (500-1)	1540-1½ 556 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

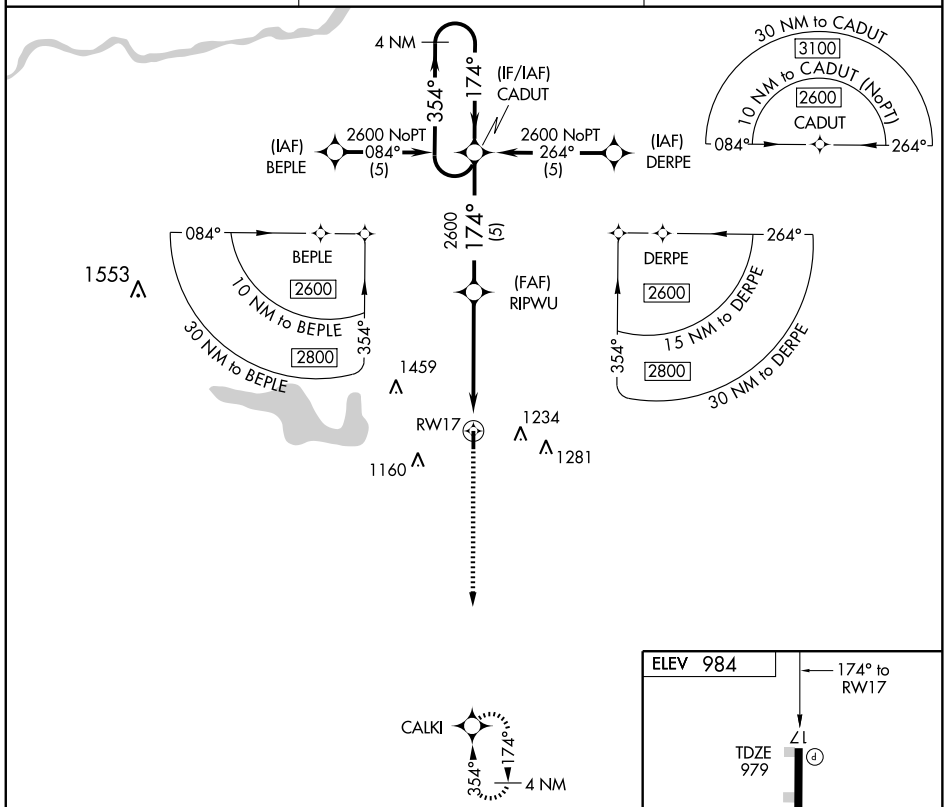
APP CRS	Rwy Idg	4000
174°	TDZE	979
	Apt Elev	984

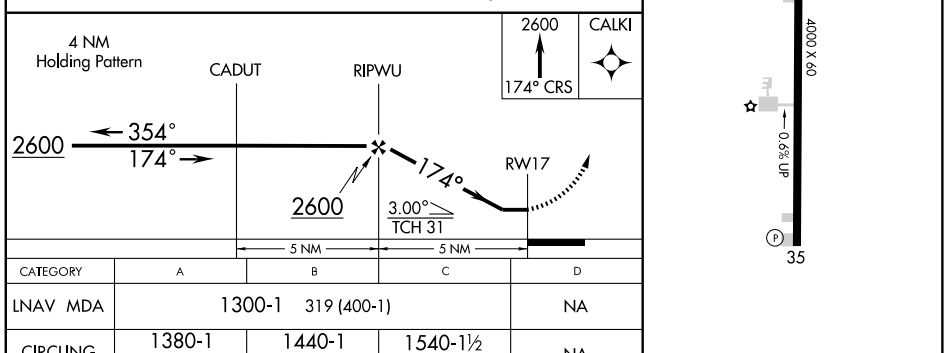
RNAV (GPS) RWY 17
CHANDLER RGNL (CQB)

If local altimeter setting not received, use Shawnee Rgnl altimeter setting and increase all MDAs 80 feet. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2600 via 174° course to CALKI WP and hold.

AWOS-3	KANSAS CITY CENTER	CTAF
119.275	128.3 291.7	122.9





CATEGORY	A	B	C	D
LNAV MDA	1300-1 319 (400-1)			NA
CIRCLING	1380-1 396 (400-1)	1440-1 456 (500-1)	1540-1½ 556 (600-1½)	NA

MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 35

CHANDLER RGNL (CQB)

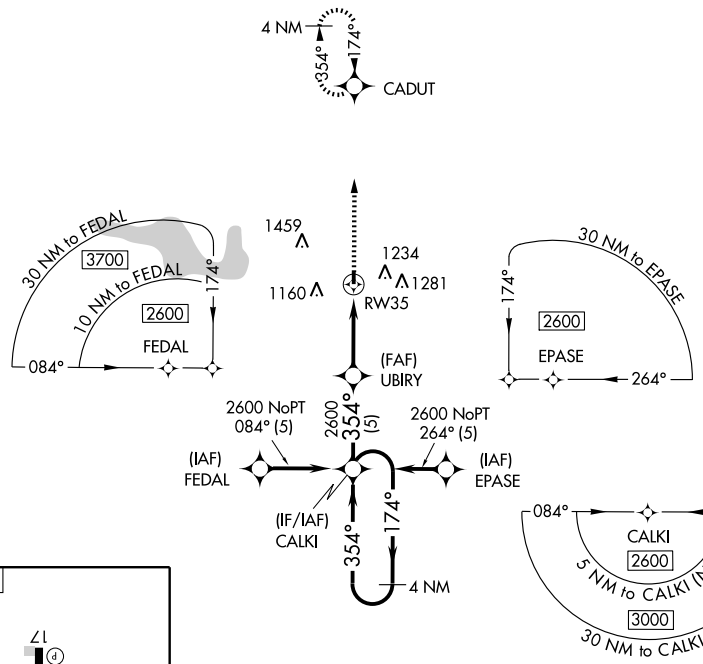
APP CRS	Rwy Idg	4000
354°	TDZE	984
	Apt Elev	984

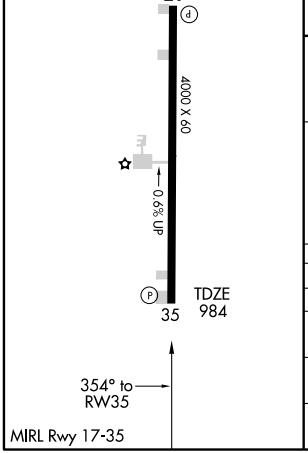
If local altimeter setting not received, use Shawnee Rgnl altimeter setting and increase all DAs/MDAs 80 feet. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA BARO-VNAV NA below -16°C (4°F). BARO VNAV and VDP NA with Shawnee Rgnl altimeter setting.

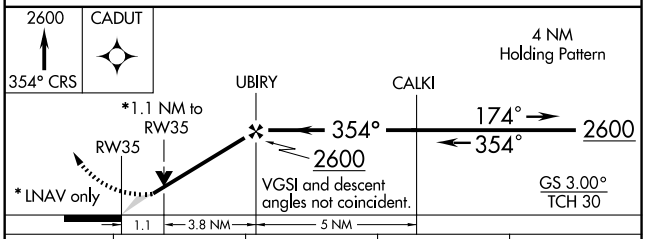
NA

MISSED APPROACH: Climb to 2600 via 354° course to CADUT WP and hold.

AWOS-3	KANSAS CITY CENTER	CTAF
119.275	128.3 291.7	122.9





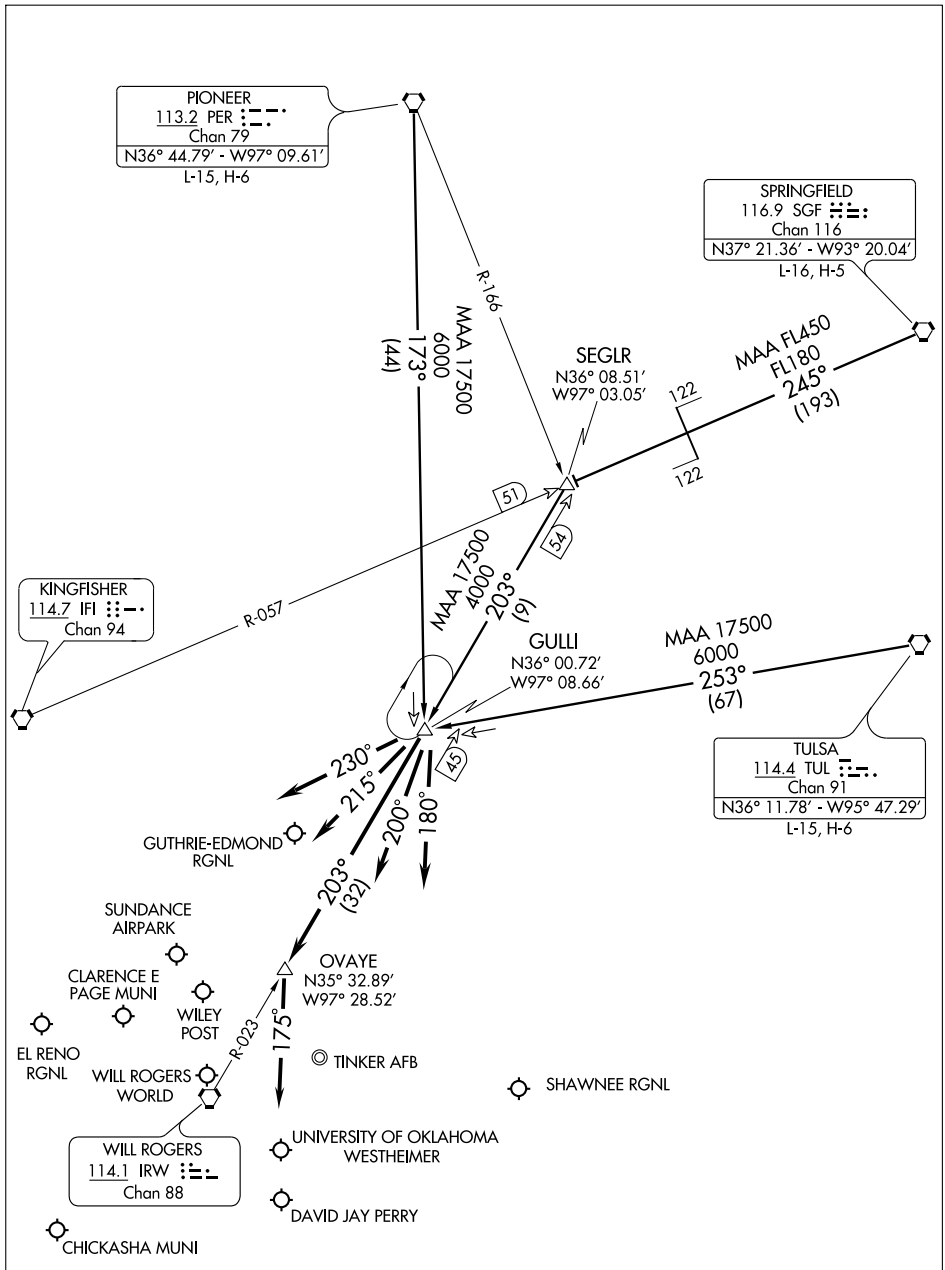


CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1300-1¼ 316 (400-1¼)			NA
LNAV MDA	1300-1 316 (400-1)			NA
CIRCLING	1380-1¼ 396 (400-1¼)	1440-1¼ 456 (500-1¼)	1540-1½ 556 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5101
172°	TDZE	1149
	Apt Elev	1150

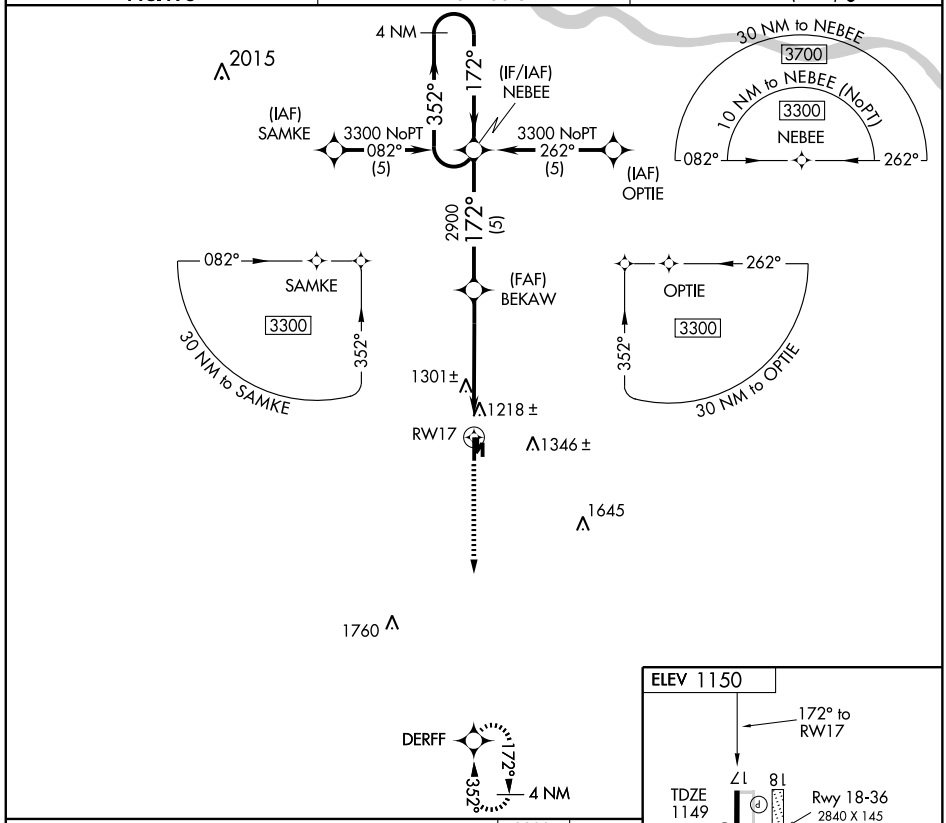
RNAV (GPS) RWY 17

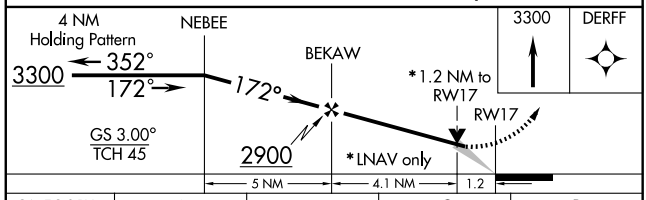
CHICKASHA MUNI (CHK)

NA BARO-VNAV NA below -17°C (+2°F). If local altimeter not received; use Oklahoma City/Will Rogers World altimeter setting and increase all DAs/MDAs 80 feet and all LNAV/VNAV visibilities ½ mile. BARO-VNAV and VDP NA when using Oklahoma City/Will Rogers World altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

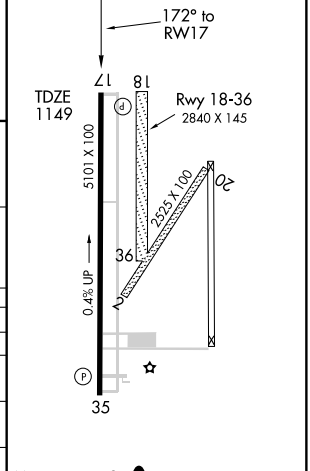
MISSED APPROACH: Climb to 3300 direct DERFF WP and hold.

AWOS-3	OKE CITY APP CON	UNICOM
118.175	124.6 266.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1480-1¼ 331 (400-1¼)			NA
LNAV MDA	1560-1 411 (500-1)		1560-1¼ 411 (500-1¼)	NA
CIRCLING	1560-1¼ 410 (500-1¼)	1600-1¼ 450 (500-1¼)	1620-1½ 470 (500-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

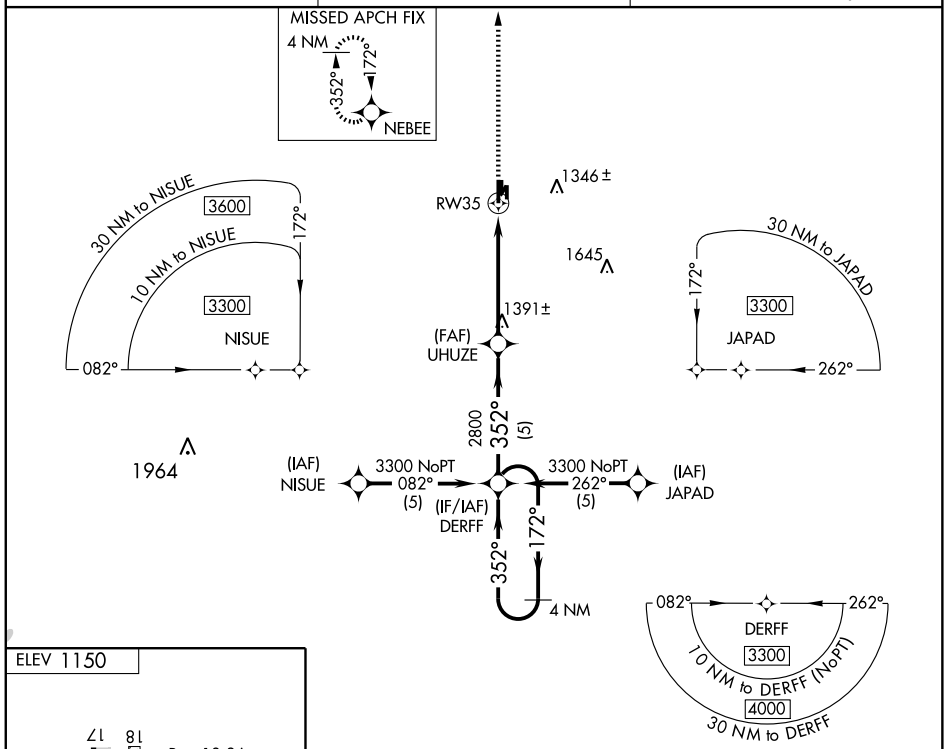
APP CRS	Rwy Idg	5101
352°	TDZE	1138
	Apt Elev	1150

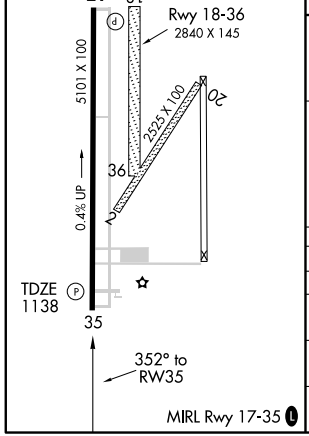
RNAV (GPS) RWY 35

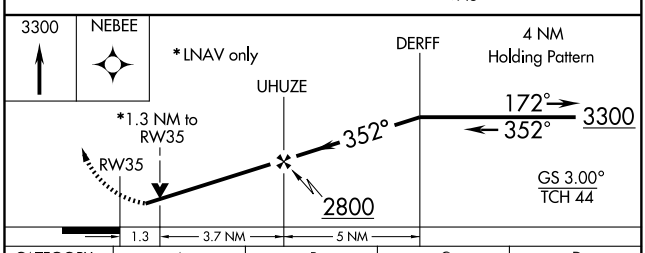
CHICKASHA MUNI (CHK)

NA	Baro-VNAV NA below -17°C (1°F). If local altimeter not received; use Oklahoma City/Will Rogers World altimeter setting and increase all DAs/MDAs 80 feet. Baro-VNAV and VDP NA when using Oklahoma City/Will Rogers World altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 3300 direct NEBEE WP and hold.

AWOS-3	OKE CITY APP CON	UNICOM
118.175	124.6 266.8	123.0 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1440-1 302 (300-1)			NA
LNAV MDA	1580-1 442 (500-1)		1580-1¼ 442 (500-1¼)	NA
CIRCLING	1580-1 430 (500-1)	1600-1 450 (500-1)	1620-1½ 470 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

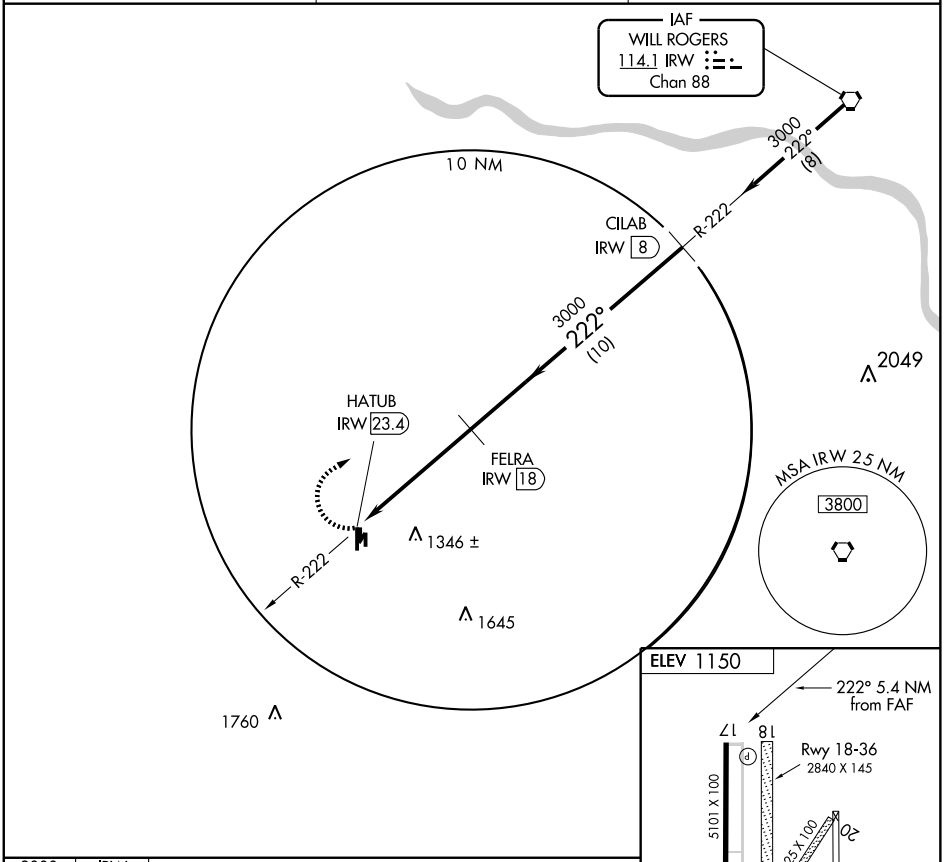
VORTAC IRW	APP CRS	Rwy Idg	N/A
114.1	222°	TDZE	N/A
Chan 88		Apt Elev	1150

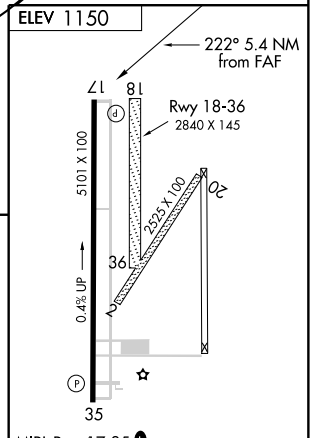
VOR/DME-A
CHICKASHA MUNI (CHK)

⚠ NA — If local altimeter not received; use Oklahoma City/Will Rogers World altimeter setting and increase all MDAs 80 feet.

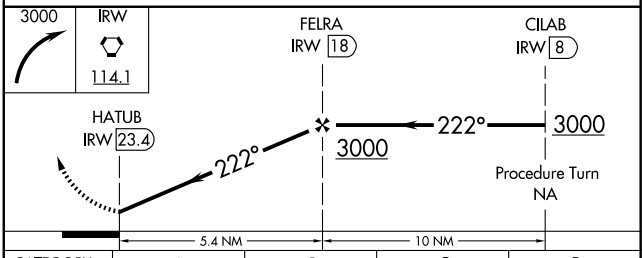
MISSED APPROACH: Climbing right turn to 3000 direct IRW VORTAC.

AWOS-3	OKE CITY APP CON	UNICOM
118.175	124.6 266.8	123.0 (CTAF) L





MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
CIRCLING	1660-1 510 (600-1)	1660-1¼ 510 (600-1¼)	1660-1½ 510 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

CLAREMORE, OKLAHOMA AL-9113 (FAA)

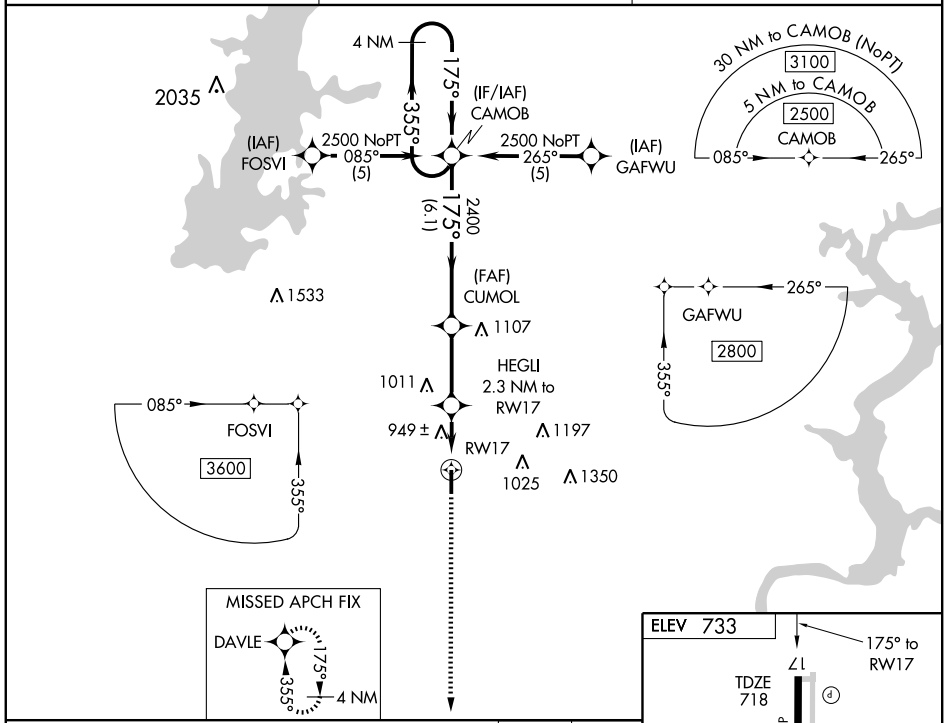
WAAS CH 63214 W17A	APP CRS 175°	Rwy Idg 5200 TDZE 718 Apt Elev 733

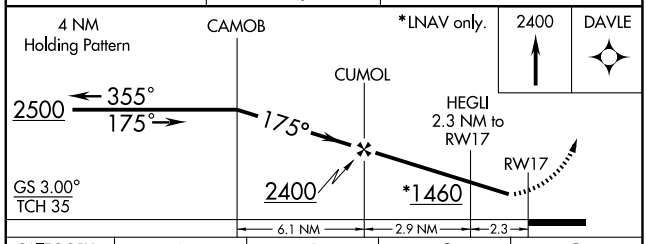
RNAV (GPS) RWY 17
CLAREMORE RGNL (GCM)

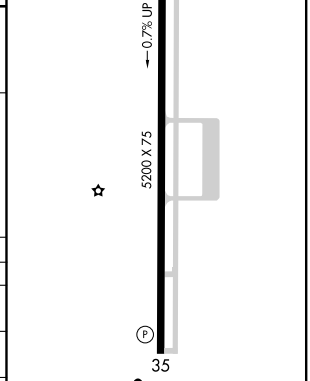
Baro-VNAV NA when using Tulsa Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DA 56 feet and all MDA 60 feet; increase LPV all Cats, LNAV/VNAV all Cats, and LNAV Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2400 direct DAVLE and hold.

AWOS-3	TULSA APP CON	UNICOM
119.925	119.1 351.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	968-1 250 (300-1)			NA
LNAV/VNAV DA	1281-2 563 (600-2)			NA
LNAV MDA	1200-1 482 (500-1)		1200-1¼ 482 (500-1¼)	NA
CIRCLING	1260-1 527 (600-1)		1260-1½ 527 (600-1½)	NA

MIRL Rwy 17-35 L
REIL Rwys 17 and 35

SC-1, 17 DEC 2009 to 14 JAN 2010

CLAREMORE, OKLAHOMA AL-9113 (FAA)

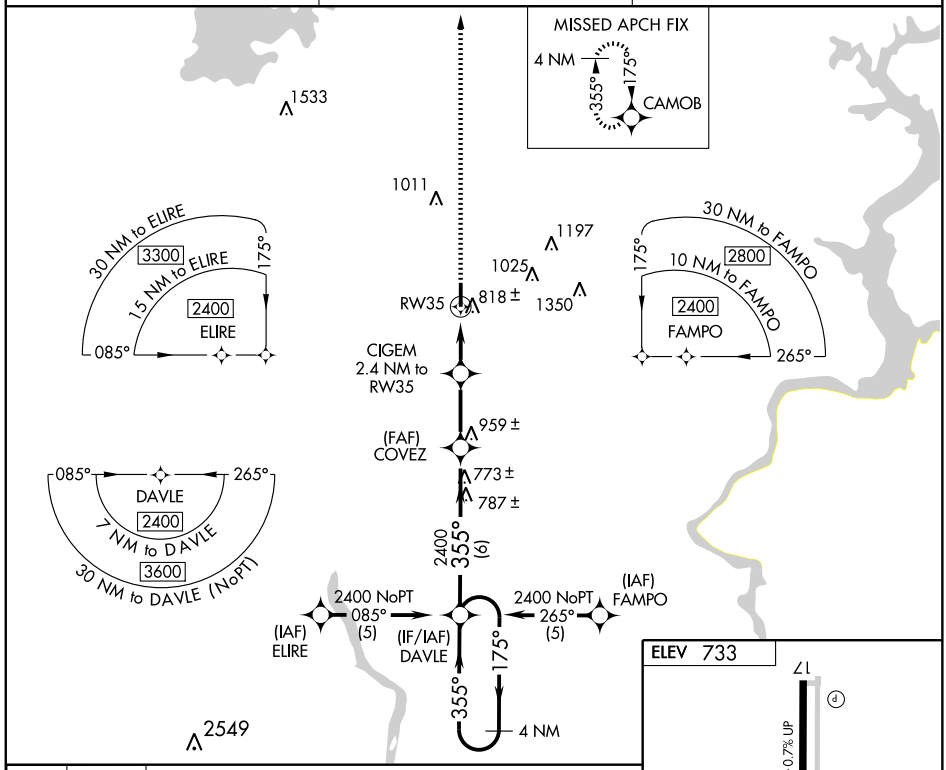
WAAS	APP CRS	Rwy Idg	5200
CH 99714	355°	TDZE	733
W35A		Apt Elev	733

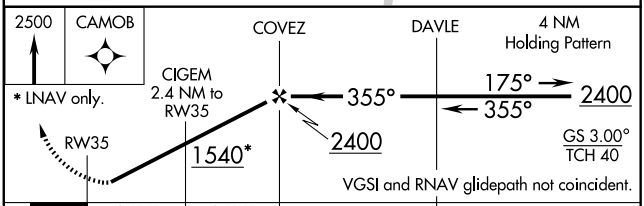
RNAV (GPS) RWY 35
CLAREMORE RGNL (GCM)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Baro-VNAV NA when using Tulsa Intl altimeter setting. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DA 56 feet and all MDA 60 feet; increase LNAV Cat C visibility ¼ mile.

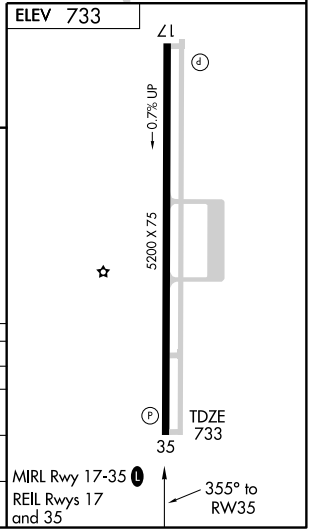
MISSED APPROACH: Climb to 2500 direct CAMOB and hold.

AWOS-3	TULSA APP CON	UNICOM
119.925	119.1 351.8	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	983-1 250 (300-1)			NA
LNAV/VNAV DA	1052-1¼ 319 (400-1¼)			NA
LNAV MDA	1200-1 467 (500-1)		1200-1¼ 467 (500-1¼)	NA
CIRCLING	1260-1 527 (600-1)		1260-1½ 527 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

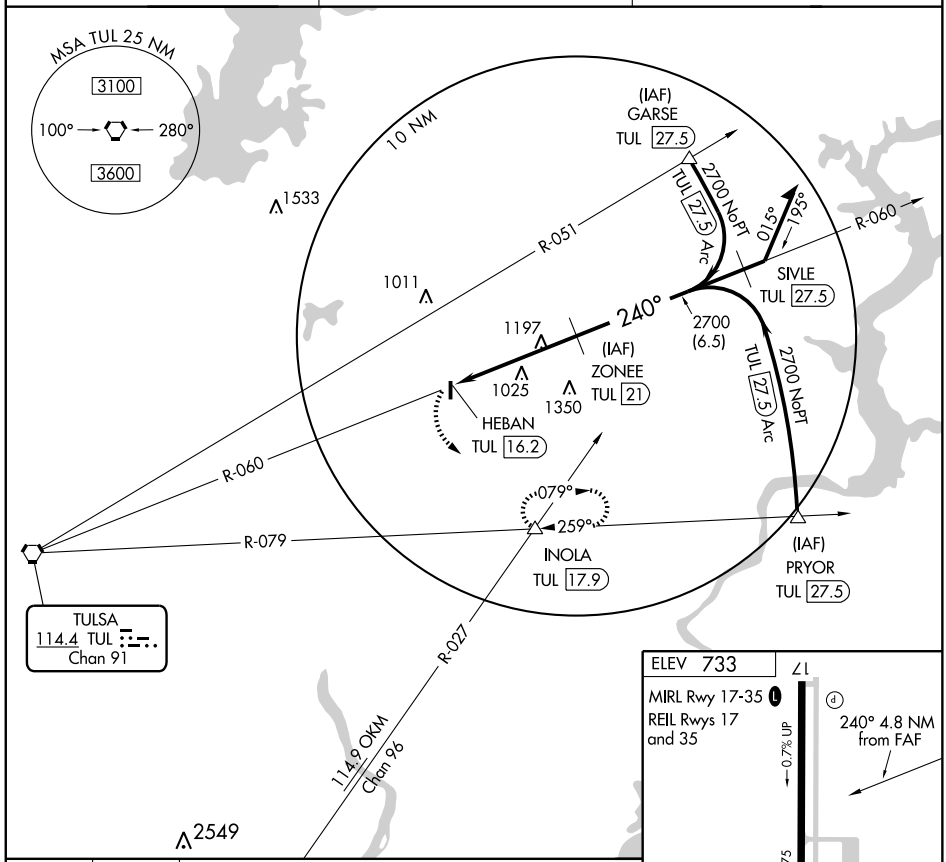
VORTAC TUL	APP CRS	Rwy Idg	N/A
114.4	240°	TDZE	N/A
Chan 91		Apt Elev	733

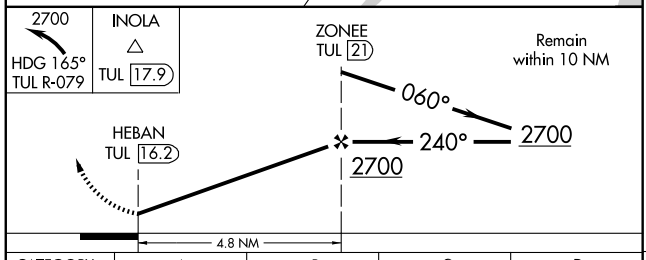
VOR/DME-A
CLAREMORE RGNL (GCM)

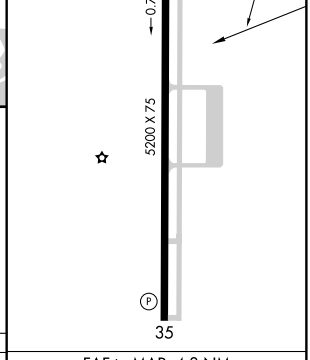
If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climbing left turn to 2700 via heading 165° and TUL R-079 to INOLA Int/TUL 17.9 DME and hold.

AWOS-3	TULSA APP CON	UNICOM
119.925	119.1 351.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1620-1¼	887 (900-1¼)	1620-2¾	NA
			887 (900-2¾)	

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC TUL 114.4 Chan 91	APP CRS 060°	Rwy Idg N/A TDZE N/A Apt Elev 733

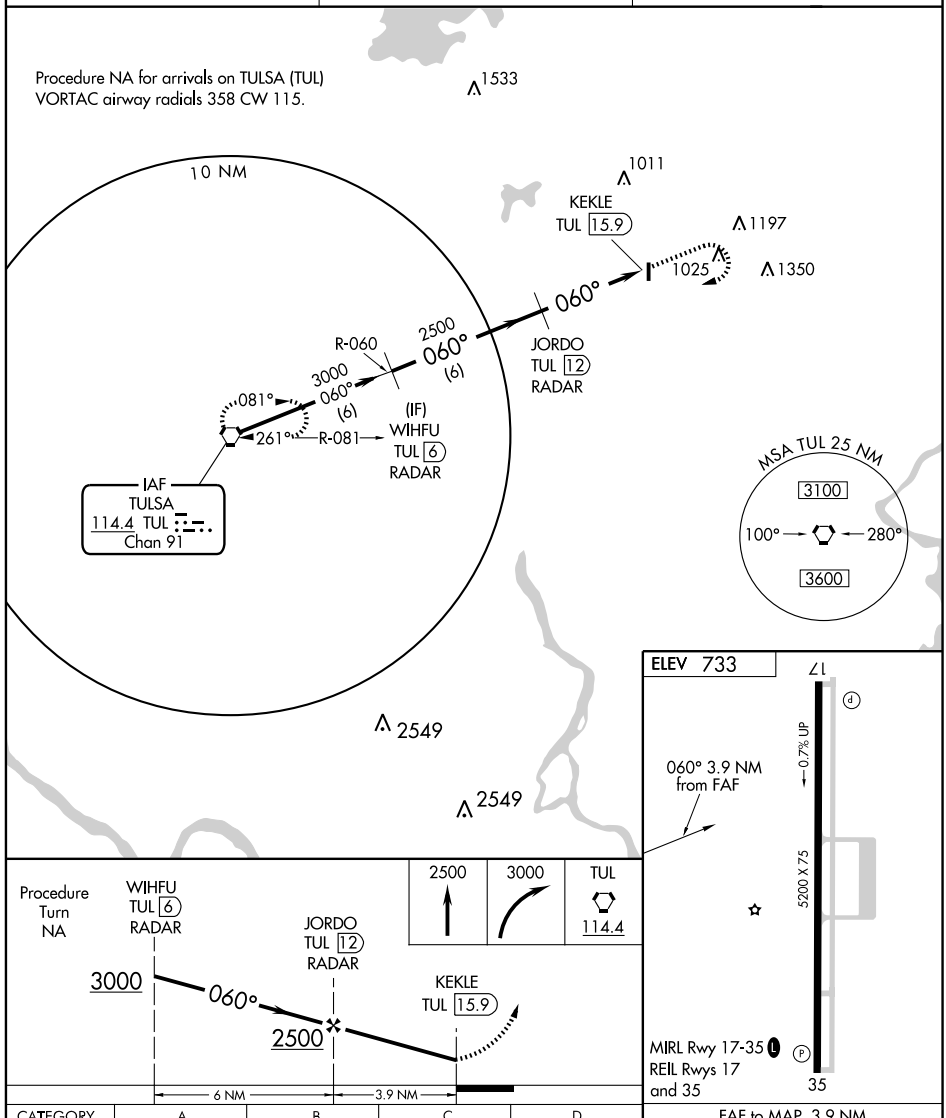
VOR/DME-B
CLAREMORE RGNL (GCM)

If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climb to 2500 then climbing right turn to 3000 direct TUL VORTAC and hold.

AWOS-3	TULSA APP CON	UNICOM
119.925	119.1 351.8	122.7 (CTAF) L

Procedure NA for arrivals on TULSA (TUL) VORTAC airway radials 358 CW 115.



CATEGORY	A	B	C	D
CIRCLING	1260-1 527 (600-1)		1260-1½ 527 (600-1½)	NA

FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4306
172°	TDZE	1604
	Apt Elev	1615

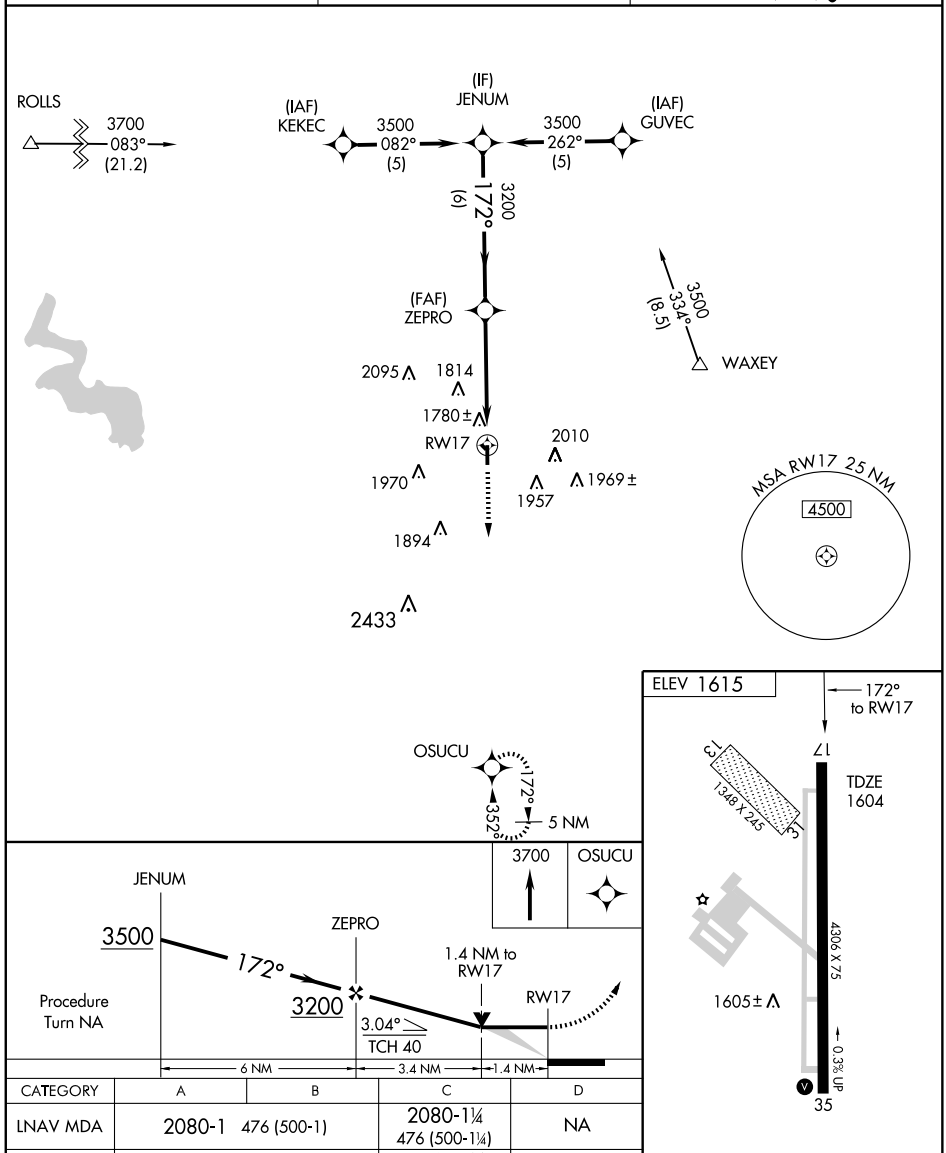
RNAV (GPS) RWY 17

CLINTON RGNL (CLK)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Hobart altimeter setting and increase all MDAs 100 feet. VDP NA with Hobart altimeter setting.

MISSED APPROACH: Climb to 3700 direct OSUCU and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.225	128.4 269.375	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	2080-1	476 (500-1)	2080-1¼ 476 (500-1¼)	NA
CIRCLING	2140-1	525 (600-1)	2240-1¾ 625 (700-1¾)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

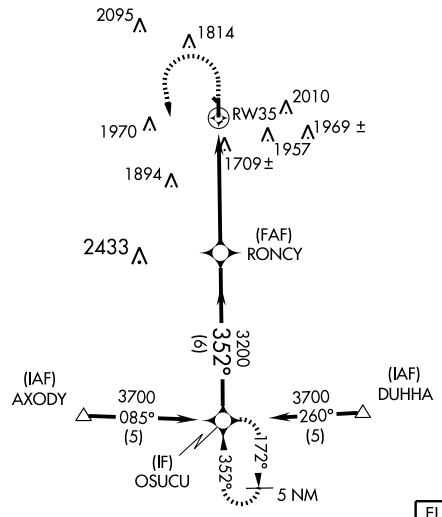
APP CRS	Rwy Idg	4306
352°	TDZE	1615
	Apt Elev	1615

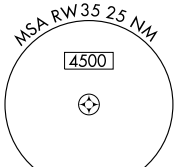
RNAV (GPS) RWY 35
CLINTON RGNL (CLK)

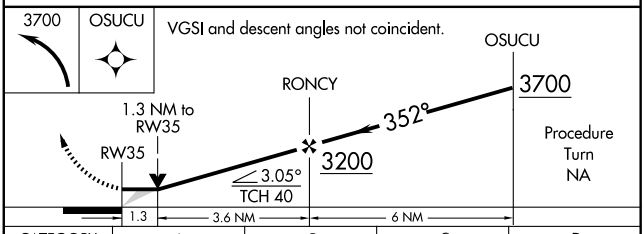
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Hobart altimeter setting and increase all MDAs 100 feet. VDP NA with Hobart altimeter setting.

MISSED APPROACH: Climbing left turn to 3700 direct OSUCU and hold.

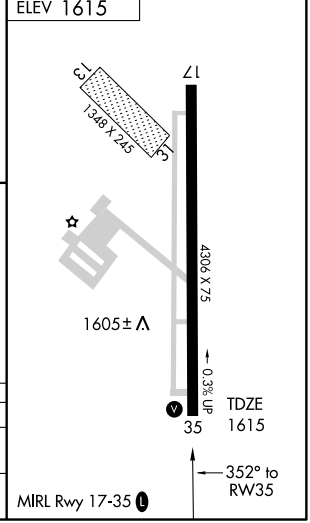
AWOS-3	FORT WORTH CENTER	UNICOM
119.225	128.4 269.375	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	2020-1 405 (500-1)		2020-1¼ 405 (500-1¼)	NA
CIRCLING	2140-1 525 (600-1)		2240-1¾ 625 (700-1¾)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

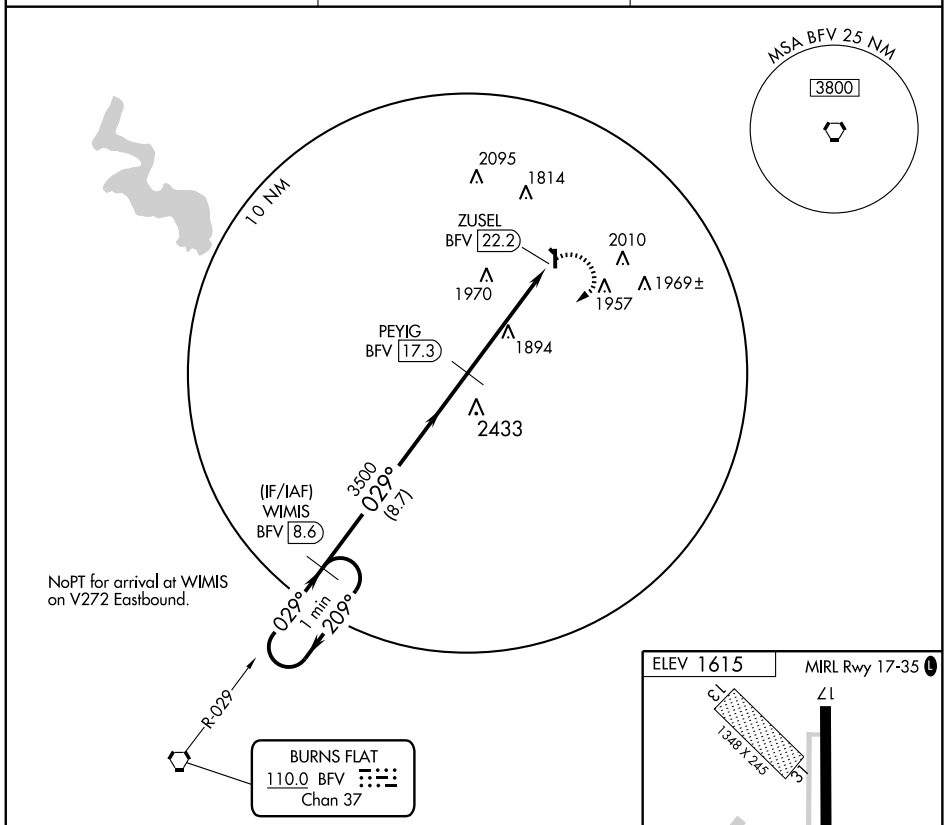
VORTAC BFV 110.0 Chan 37	APP CRS 029°	Rwy Idg N/A TDZE N/A Apt Elev 1615

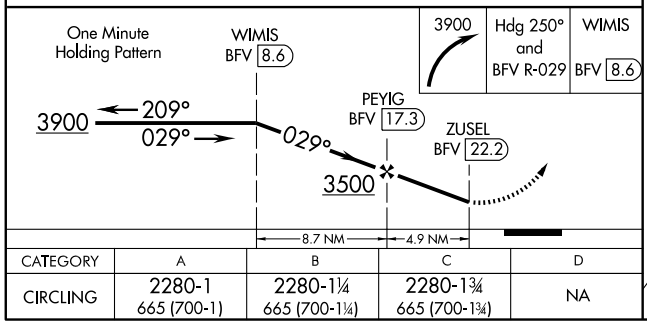
VOR/DME-A
CLINTON RGNL (CLK)

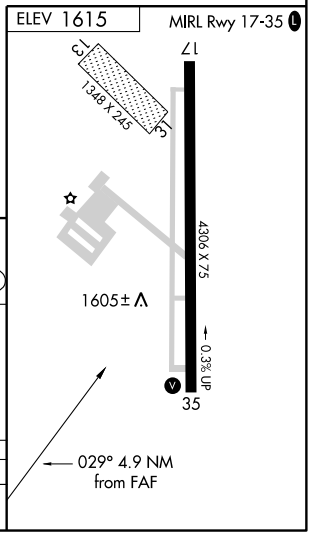
If local altimeter setting not received, use Hobart Rgnl altimeter setting and increase all MDAs 100 feet.

MISSED APPROACH: Climbing right turn to 3900 via heading 250° and BFV R-029 to WIMIS/BFV 8.6 DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.225	128.4 269.375	122.8 (CTAF) L







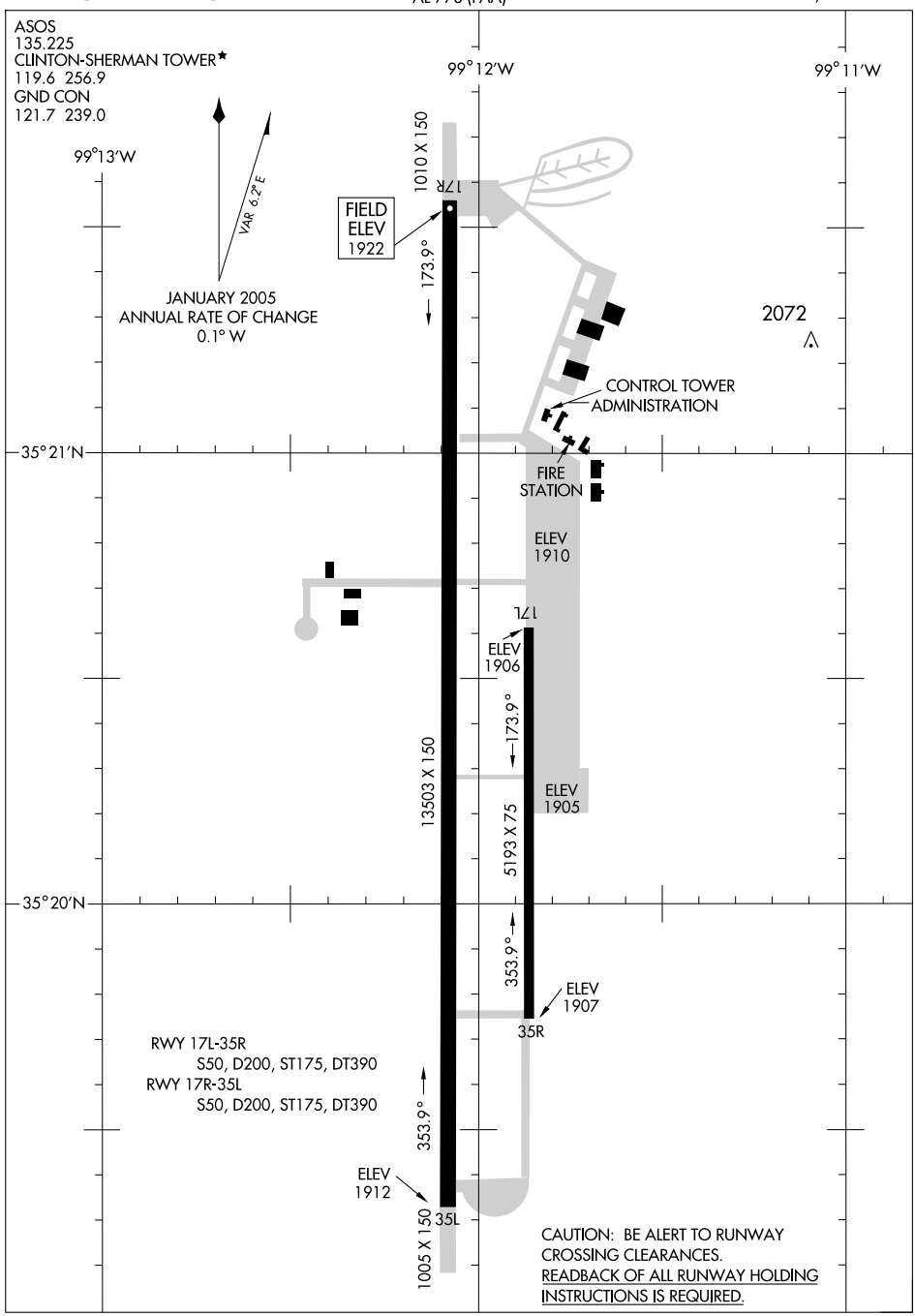
CATEGORY	A	B	C	D
CIRCLING	2280-1 665 (700-1)	2280-1¼ 665 (700-1¼)	2280-1¾ 665 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-778 (FAA)

CLINTON-SHERMAN (CSM)
CLINTON, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

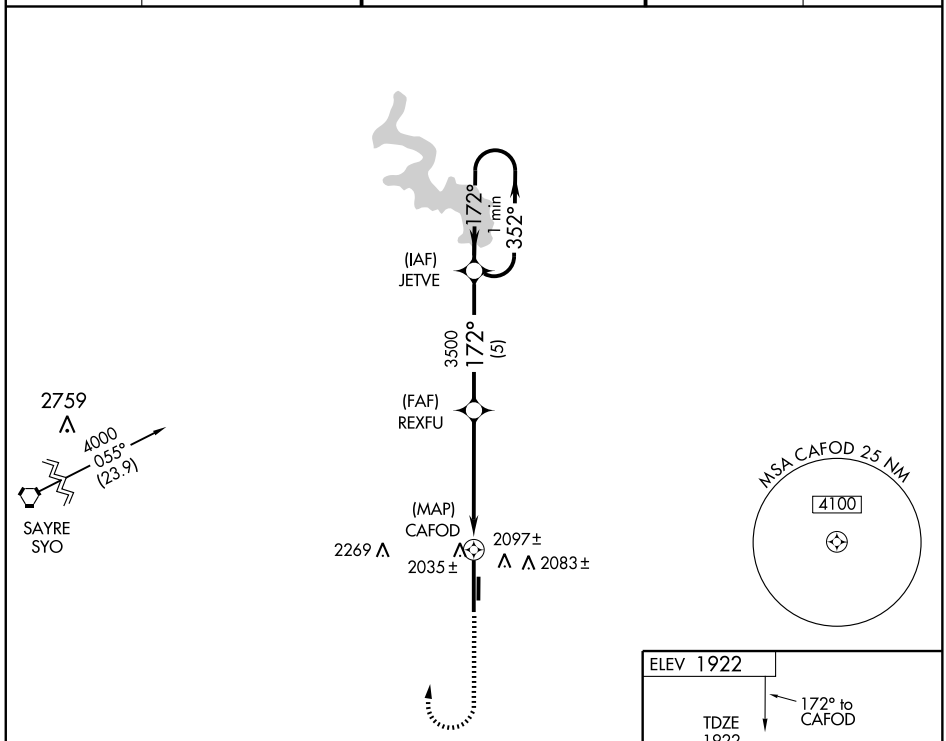
APP CRS	Rwy Idg	13503
172°	TDZE	1922
	Apt Elev	1922

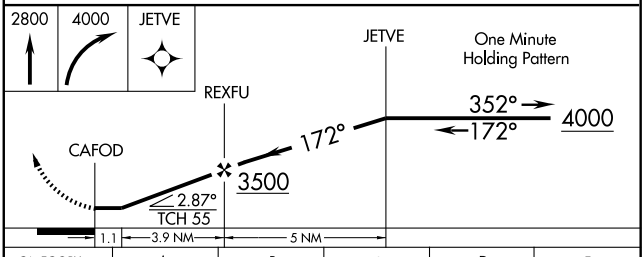
GPS RWY 17R
CLINTON-SHERMAN (CSM)

Circling not authorized east of Rwy 17R-35L.

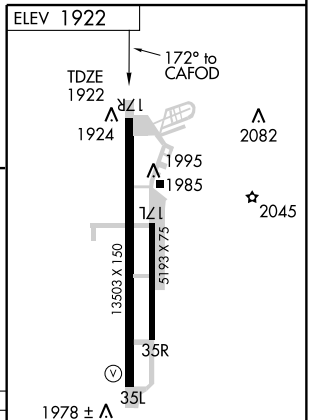
MISSED APPROACH: Climb to 2800 then climbing right turn to 4000 direct JETVE and hold.

ASOS	FORT WORTH CENTER	CLINTON-SHERMAN TOWER ★	GND CON	UNICOM
135.225	128.4 269.375	119.6 (CTAF) Ⓛ 256.9	121.7 239.0	122.95





CATEGORY	A	B	C	D	E
S-17R	2340-1	418 (500-1)	2340-1¼	418 (500-1¼)	2340-1½ 418 (500-1½)
CIRCLING	2400-1	478 (500-1)	2400-1½ 478 (500-1½)	2480-2 558 (600-2)	2620-2½ 698 (700-2½)



HIRL Rwy 17R-35L Ⓛ

SC-1, 17 DEC 2009 to 14 JAN 2010

CLINTON, OKLAHOMA

AL-778 (FAA)

APP CRS	Rwy Idg	13503
355°	TDZE	1913
	Apt Elev	1922

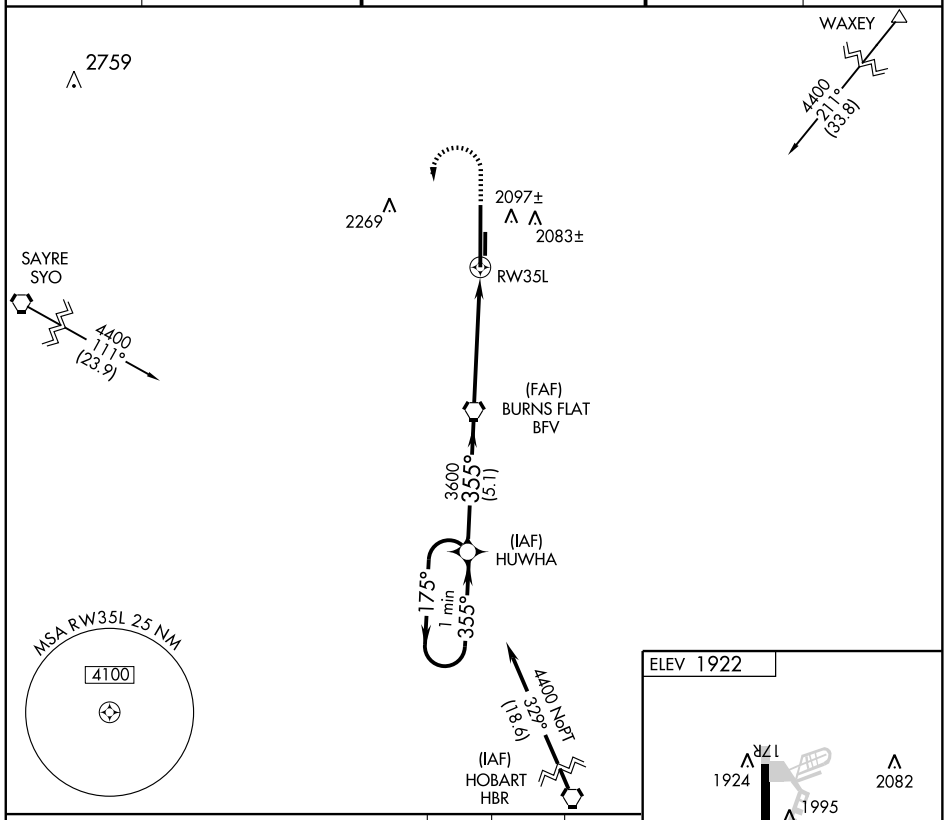
GPS RWY 35L

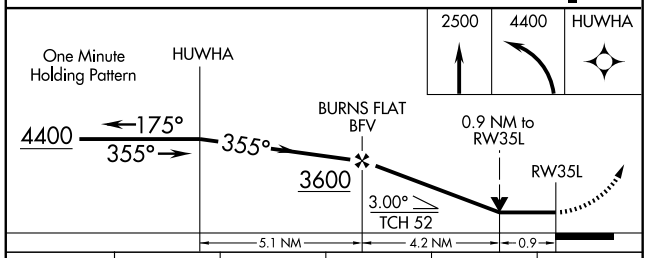
CLINTON-SHERMAN (CSM)

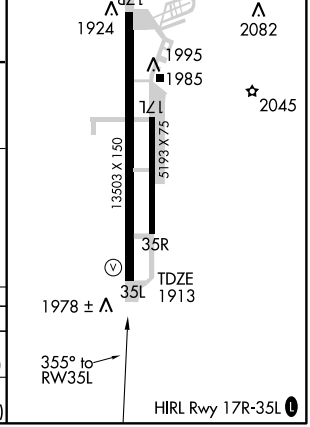
▼ NA — Circling not authorized east of Rwy 17R-35L.

MISSED APPROACH: Climb to 2500 then climbing left turn to 4400 direct HUWHA and hold.

ASOS	FORT WORTH CENTER	CLINTON-SHERMAN TOWER ★	GND CON	UNICOM
135.225	128.4 269.375	119.6 (CTAF) Ⓛ 256.9	121.7 239.0	122.95







CATEGORY	A	B	C	D	E
S-35L	2240-1 327 (400-1)				2240-1¼ 327 (400-1¼)
CIRCLING	2340-1 418 (500-1)	2380-1 458 (500-1)	2380-1½ 458 (500-1½)	2480-2 558 (600-2)	2620-2½ 698 (700-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 17R

VORTAC BFV 110.0 Chan 37	APCH CRS 174°	Rwy ldg 13,503 TDZE 1922 Arpt Elev 1922

JAL-778 [USAF] — CLINTON-SHERMAN (KCSM)

Circling E of Rwy 17R-35L not authorized.

MISSED APPROACH: Climb to 2500 then climbing right turn to 5000 via heading 220° and SYO VORTAC R-125 to SASHE and hold.

FORT WORTH CENTER	CLINTON-SHERMAN TOWER ★	GND CON
128.4 269.375	119.6 256.9	121.7 239.0

† When local altimeter setting not received, use HOBART Municipal altimeter setting and increase all MDAs 120 ft. Increase S-17R CAT C vis ¼ mile, and CAT DE vis ½ mile. Increase Circling CAT D vis ¼ mile, and CAT E vis ½ mile. VDP NA when using HOBART Municipal altimeter setting.

SAYRE
115.2 SYO
Chan 99

JUPOX BFV 19 R-354 LR-360

OLKAE BFV 12.8 174°

BFV 19 Arc R-033

WEROS BFV 19

BFV 5 213° 033°

(IAF) CANTO BFV 10

2654

2259

SASHE SYO 5

5000 097° (22)

305° 125° R-125

5000 217° (30)

WAXEY

(a) 103 213 (b) 283 (c) (c)

BURNS FLAT
110.0 BFV
Chan 37

All terminal routes are to BFV VORTAC

20 NM

HIGH ALTITUDE FACILITIES

MSA BFV 25 NM
3800

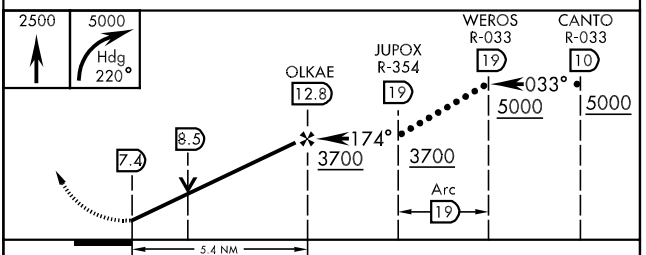
5000 332° (23)

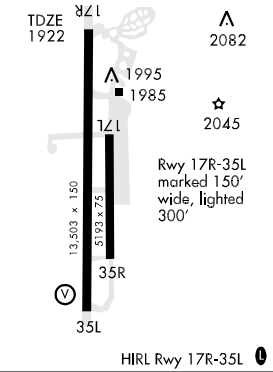
HOBART

EMERG SAFE ALT 100 NM 4800

ELEV 1922

174° to VORTAC





CATEGORY	C	D	E
S-17R †	2340-1¼ 418 (500-1¼)		2340-1½ 418 (500-1½)
CIRCLING †	2400-1½ 478 (500-1½)	2480-2 558 (600-2)	2620-2½ 698 (700-2½)

HIRL Rwy 17R-35L

CLINTON, OKLAHOMA

AL-778 (FAA)

LOC I-BZF	APP CRS	Rwy Idg	13503
109.5	172°	TDZE	1922
		Apt Elev	1922

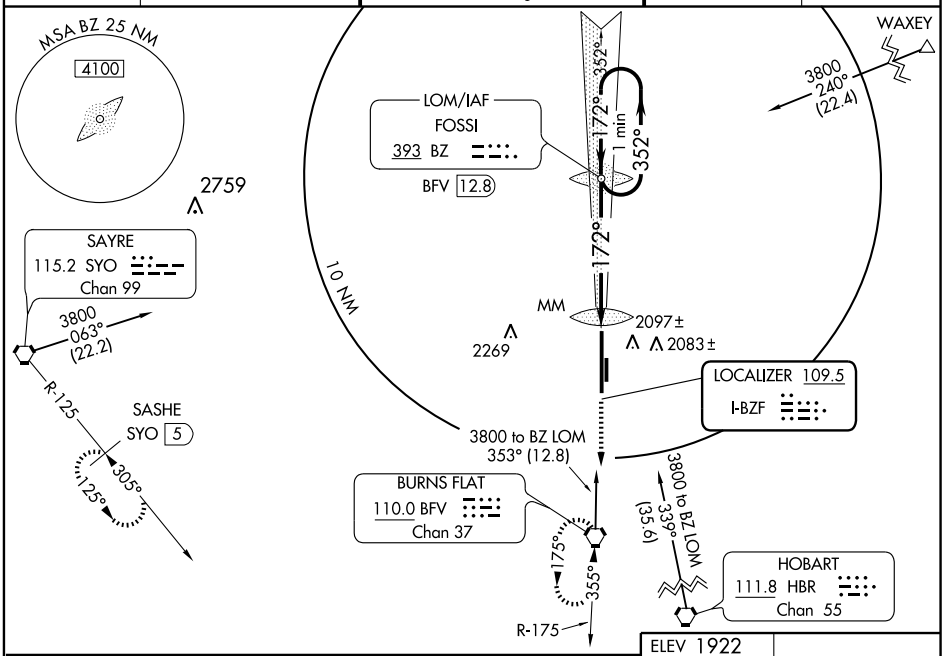
ILS or LOC RWY 17R

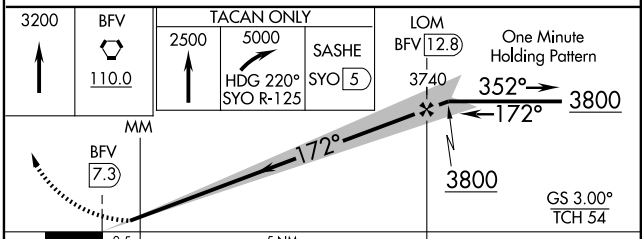
CLINTON-SHERMAN (CSM)

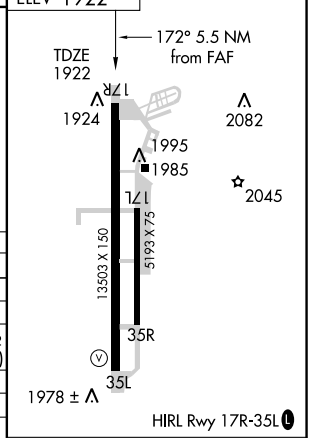
When control tower closed, use Hobart altimeter setting; when neither available, procedure not authorized. Circling not authorized east of runway 17R-35L.

MISSED APPROACH: Climb to 3200 direct BFV VORTAC and hold. (TACAN aircraft climb to 2500 then climbing right turn to 5000 via heading 220° and SYO R-125 to SASHE Int and hold SE, left turn, 305° inbound.)

ASOS	FORT WORTH CENTER	CLINTON-SHERMAN TOWER ★	GND CON	UNICOM
135.225	128.4 269.375	119.6 (CTAF) L 256.9	121.7 239.0	122.95







CATEGORY	A	B	C	D	E
S-ILS 17R	2122-¾ 200 (200-¾)				
S-LOC 17R	2240-1 318 (400-1)				
CIRCLING	2400-1 478 (500-1)		2400-1½ 478 (500-1½)	2480-2 558 (600-2)	2620-2½ 698 (700-2½)
HOBART ALTIMETER SETTING MINIMUMS					
S-ILS 17R	2223-¾ 301(400-¾)				
S-LOC 17R	2340-1 418 (500-1)		2340-1¼ 418 (500-1¼)		2340-1½ 418 (500-1½)
CIRCLING	2500-1 578 (600-1)		2500-1½ 578 (600-1½)	2500-2 578 (600-2)	2740-3 818 (900-3)

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-1, 17 DEC 2009 to 14 JAN 2010

CLINTON, OKLAHOMA

AL-778 (FAA)

VORTAC BFV 110.0 Chan 37	APP CRS 355°	Rwy Idg 13503 TDZE 1913 Apt Elev 1922

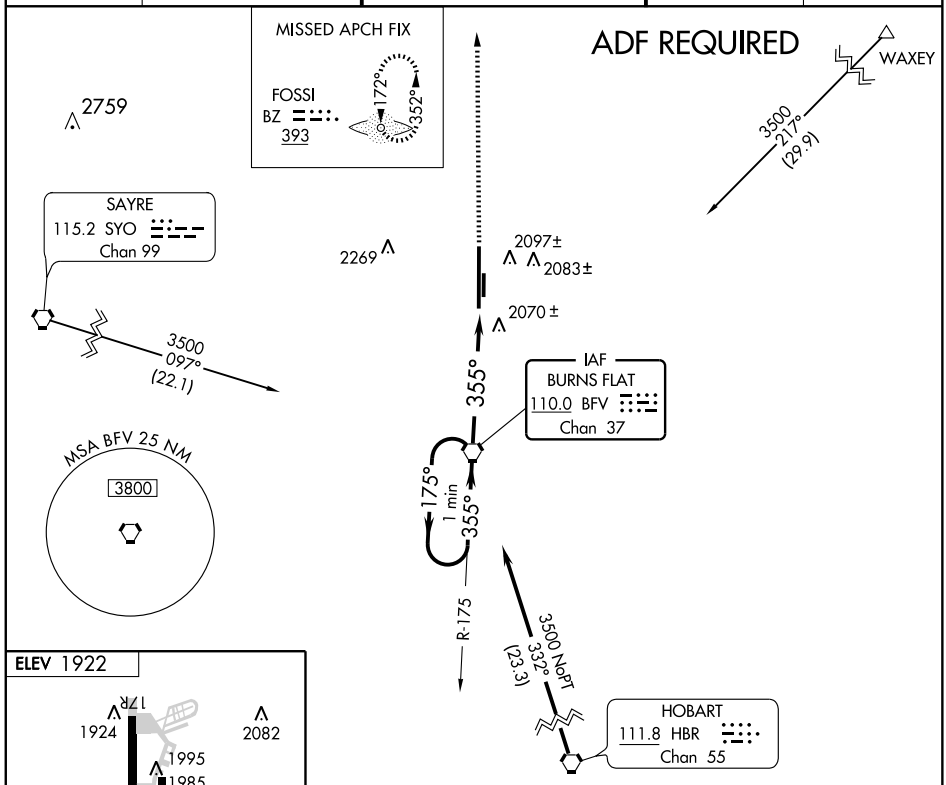
VOR RWY 35L

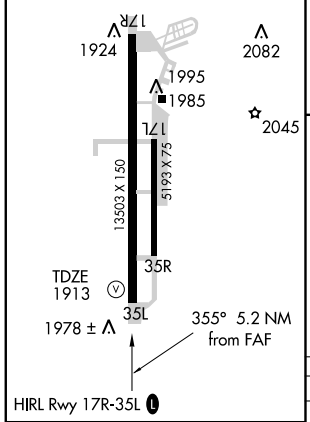
CLINTON-SHERMAN (CSM)

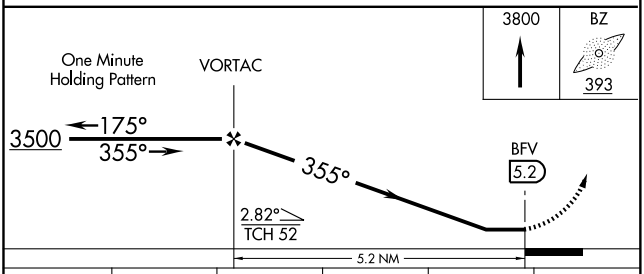
Circling not authorized east of runway 17R-35L.

MISSED APPROACH: Climb to 3800 direct BZ LOM and hold.

ASOS	FORT WORTH CENTER	CLINTON-SHERMAN TOWER ★	GND CON	UNICOM
135.225	128.4 269.375	119.6 (CTAF) L 256.9	121.7 239.0	122.95







FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D	E
S-35L	2320-1	407 (400-1)	2320-1¼	407 (400-1¼)	2320-1½ 407 (400-1½)
CIRCLING	2400-1	478 (500-1)	2400-1½ 478 (500-1½)	2480-2 558 (600-2)	2620-2½ 698 (700-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB CUH	APP CRS	Rwy Idg	4986
242	360°	TDZE	903
		Apt Elev	916

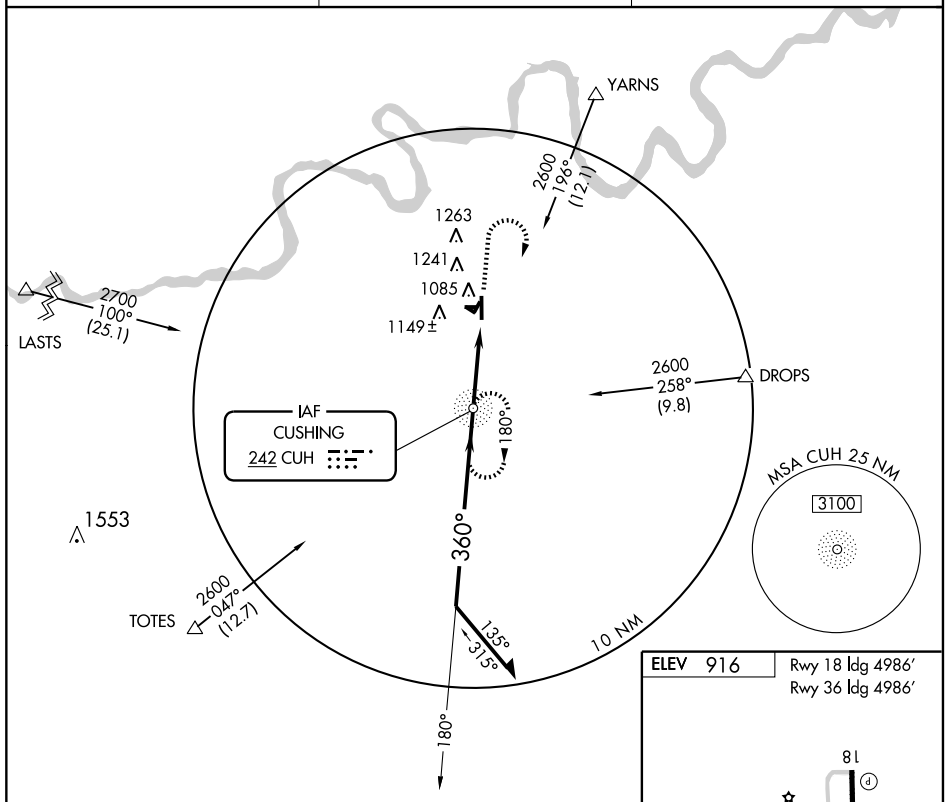
NDB RWY 36

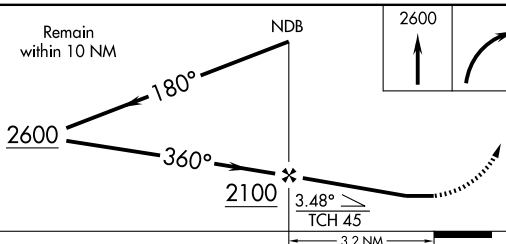
CUSHING MUNI (CUH)

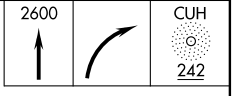
If local altimeter setting not received, use Chandler Rgnl altimeter setting and increase all MDAs 60 feet.

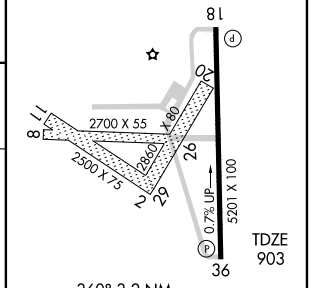
MISSED APPROACH: Climb to 2600, then right turn direct CUH NDB and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
118.25	128.3 291.7	122.8 (CTAF) L









MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-36	1460-1	557 (600-1)	1460-1½ 557 (600-1½)	NA
CIRCLING	1600-1	684 (700-1)	1600-2 684 (700-2)	NA

FAF to MAP 3.2 NM

Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

SC-1, 17 DEC 2009 to 14 JAN 2010

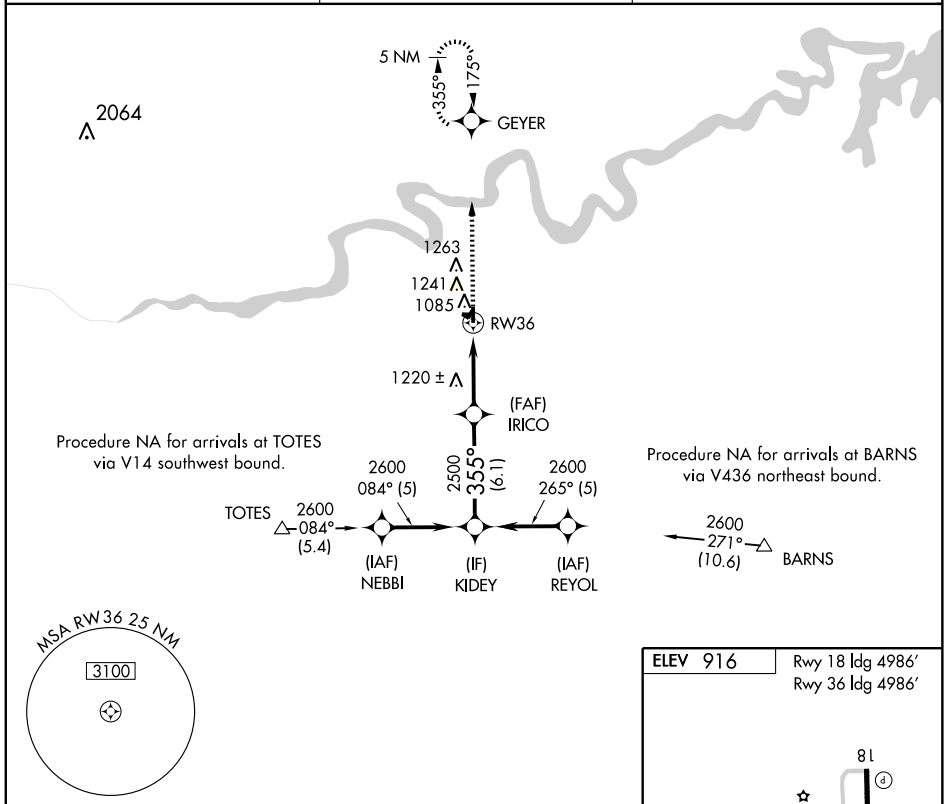
APP CRS	Rwy Idg	4986
355°	TDZE	903
	Apt Elev	916

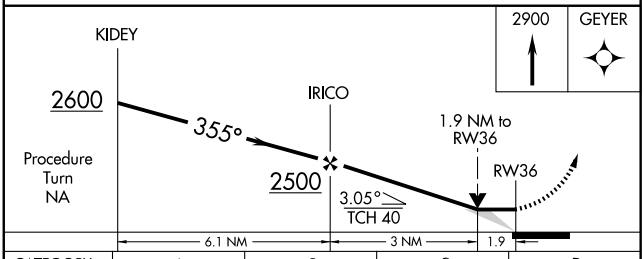
RNAV (GPS) RWY 36
CUSHING MUNI (CUH)

If local altimeter setting not received, use Chandler Rgnl altimeter setting and increase all MDAs 60 feet. DME/DME RNP-0.3 NA.
VDP NA with Chandler Rgnl altimeter setting.

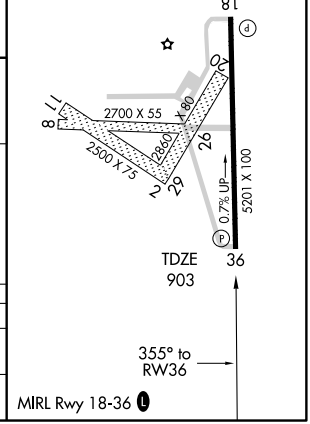
MISSED APPROACH: Climb to 2900 direct GEYER and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
118.25	128.3 291.7	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1520-1	617 (700-1)	1520-1¾ 617 (700-1¾)	NA
CIRCLING	1600-1	684 (700-1)	1600-2 684 (700-2)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-DUC	APP CRS	Rwy Idg	6650
111.5	352°	TDZE	1097
		Apt Elev	1113

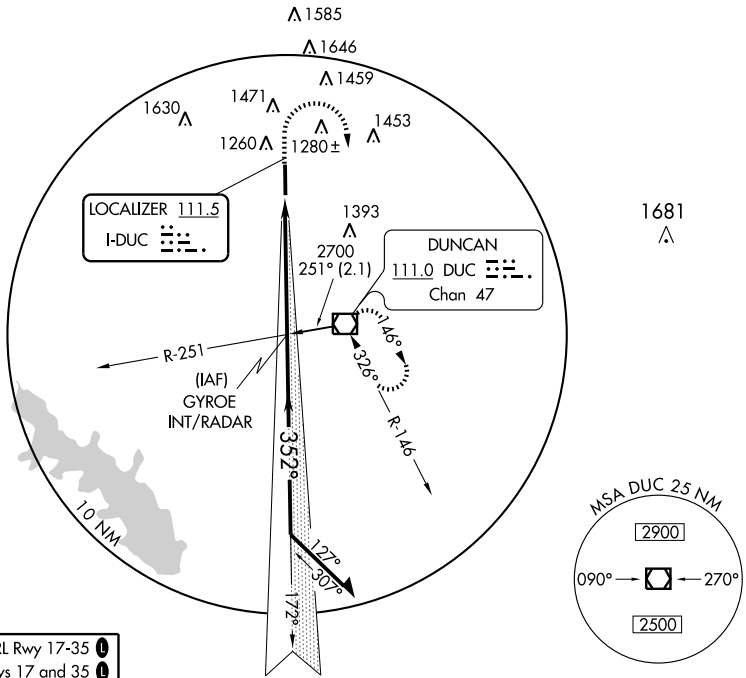
LOC RWY 35

DUNCAN/ HALLIBURTON FIELD (DUC)

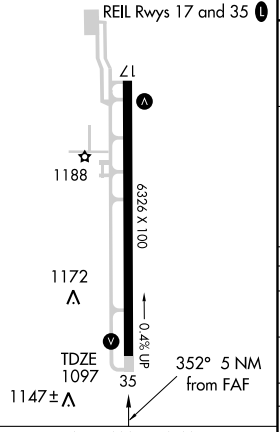
If local altimeter setting not received, use Henry Post AAF, Fort Sill altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct DUC VOR/DME and hold.

AWOS-3	FORT SILL APP CON	CLNC DEL	UNICOM
119.075	118.6 290.375	118.4	122.8 (CTAF) L

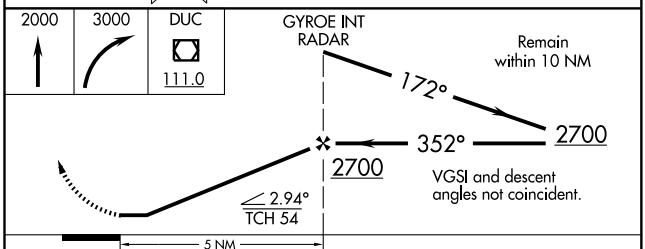


ELEV 1113 | MIRL Rwy 17-35 L | REIL Rwys 17 and 35 L



FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



CATEGORY	A	B	C	D
S-35	1520-1 423 (500-1)		1520-1¼ 423 (500-1¼)	
CIRCLING	1560-1 447 (500-1)	1580-1 467 (500-1)	1580-1½ 467 (500-1½)	1840-2¼ 727 (800-2¼)
HENRY POST AAF, FT. SILL ALTIMETER MINIMUMS				
S-35	1600-1 503 (500-1)		1600-1½ 503 (500-1½)	
CIRCLING	1640-1 527 (600-1)		1640-1½ 527 (600-1½)	1900-2½ 787 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6650
172°	TDZE	1113
	Apt Elev	1113

RNAV (GPS) RWY 17

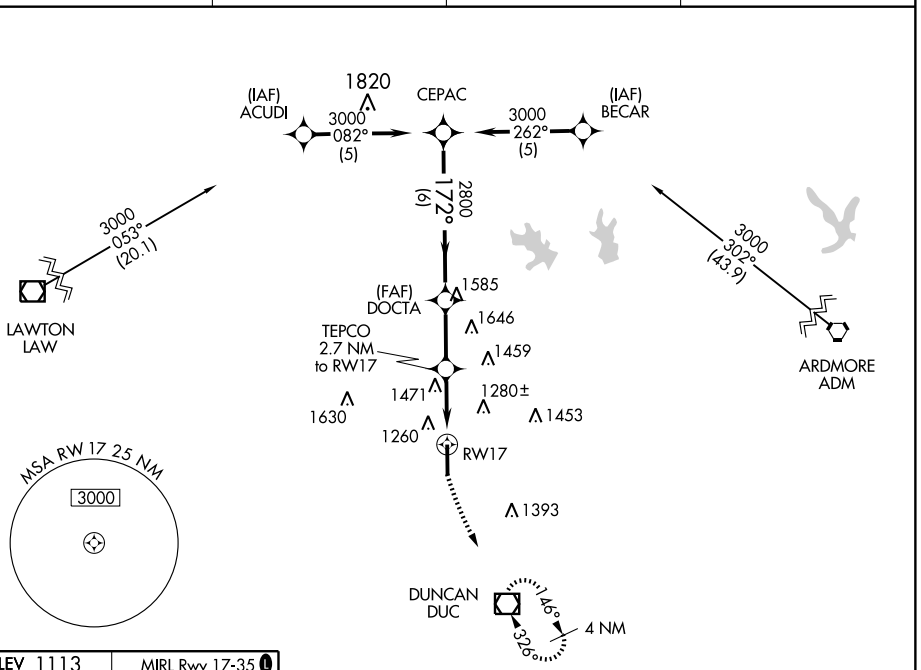
DUNCAN/ HALLIBURTON FIELD (DUC)

If local altimeter setting not received, use Henry Post AAF, Fort Sill altimeter setting; when neither received, procedure NA. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

NA

MISSED APPROACH: Climbing left turn to 3000 direct DUNCAN VOR/DME and hold.

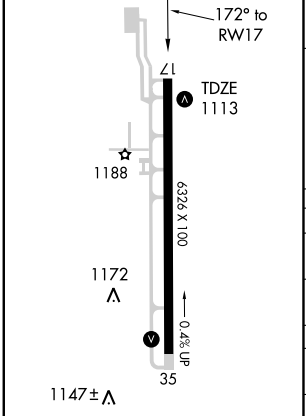
AWOS-3	FORT SILL APP CON	CLNC DEL	UNICOM
119.075	118.6 290.375	118.4	122.8 (CTAF) L

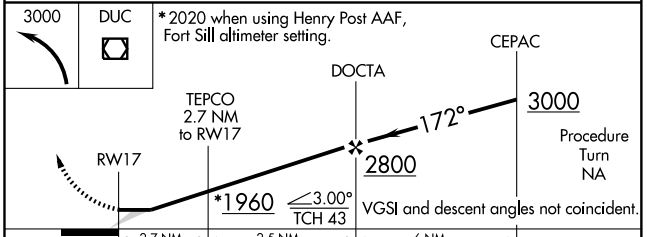


ELEV 1113

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L





CATEGORY	A	B	C	D
LNAV MDA	1780-1	667 (700-1)	1780-1¾ 667 (700-1¾)	1780-2 667 (700-2)
CIRCLING	1780-1	667 (700-1)	1780-1¾ 667 (700-1¾)	1840-2¼ 727 (800-2¼)
HENRY POST AAF, FORT SILL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1840-1	727 (800-1)	1840-2 727 (800-2)	1840-2¼ 727 (800-2¼)
CIRCLING	1840-1	727 (800-1)	1840-2 727 (800-2)	1900-2½ 787 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6650
352°	TDZE	1097
	Apt Elev	1113

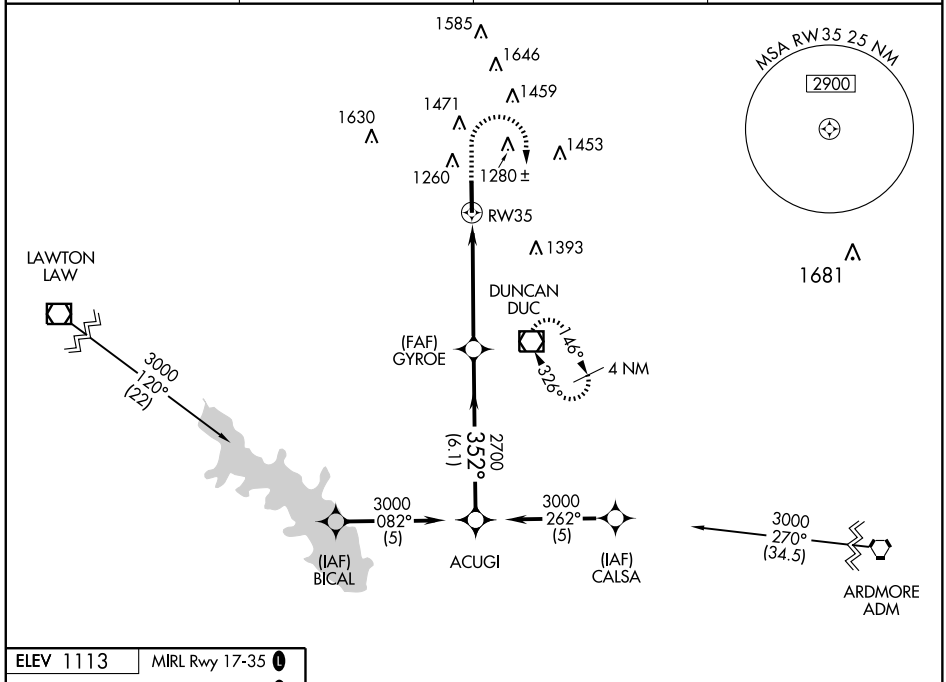
RNAV (GPS) RWY 35

DUNCAN/ HALLIBURTON FIELD (DUC)

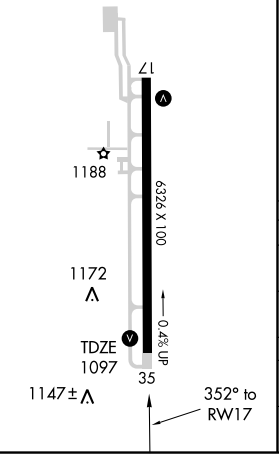
If local altimeter setting not received, use Henry Post AAF, Fort Sill altimeter setting; when neither received, procedure NA. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

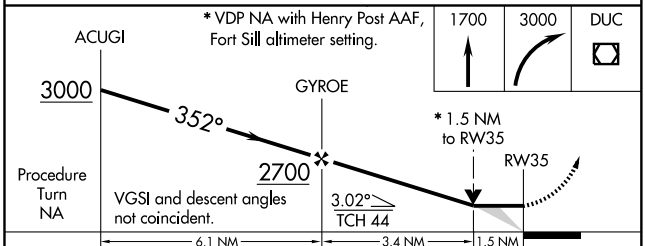
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct DUC VOR/DME and hold.

AWOS-3	FORT SILL APP CON	CLNC DEL	UNICOM
119.075	118.6 290.375	118.4	122.8 (CTAF) L



ELEV 1113 | MIRL Rwy 17-35 L | REIL Rwys 17 and 35 L





CATEGORY	A	B	C	D
LNAV MDA	1520-1 423 (500-1)		1520-1¼ 423 (500-1¼)	
CIRCLING	1540-1 427 (500-1)	1580-1 467 (500-1)	1580-1½ 467 (500-1½)	1840-2¼ 727 (800-2¼)
HENRY POST AAF, FT. SILL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1600-1 503 (500-1)		1600-1½ 503 (500-1½)	
CIRCLING	1600-1 487 (500-1)	1640-1 527 (600-1)	1640-1½ 527 (600-1½)	1900-2½ 787 (800-2½)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME DUC	APP CRS	Rwy Idg	6650
111.0	326°	TDZE	1097
Chan 47		Apt Elev	1113

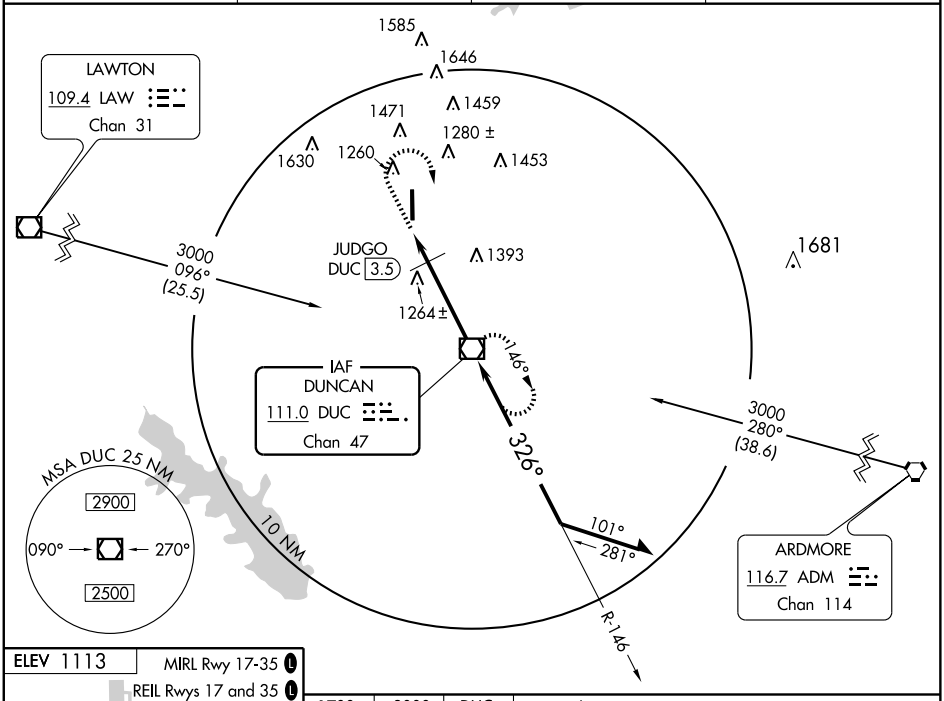
VOR RWY 35

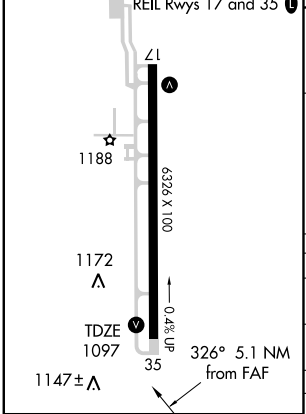
DUNCAN/ HALLIBURTON FIELD (DUC)

When local altimeter setting not received, use Henry Post AAF, Fort Sill altimeter setting and increase all MDAs 80 feet and visibility S-35 Cat D ¼ mile, DME S-35 Cat C/D ¼ mile and circling Cat D ¼ mile.

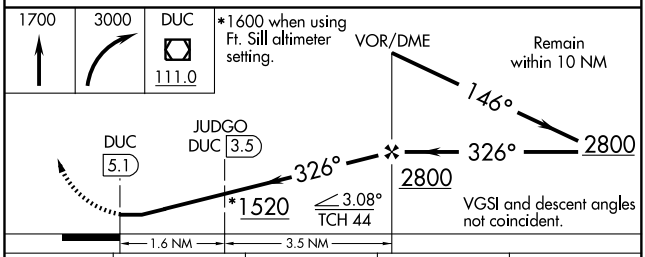
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct DUC VOR/DME and hold.

AWOS-3	FORT SILL APP CON	CLNC DEL	UNICOM
119.075	118.6 290.375	118.4	122.8 (CTAF) L





FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-35	1520-1 423 (500-1)		1520-1¼ 423 (500-1¼)	
CIRCLING	1540-1 427 (500-1)	1580-1 467 (500-1)	1580-1½ 467 (500-1½)	1840-2¼ 727 (800-2¼)
JUDGO FIX MINIMUMS				
S-35	1460-1 363 (400-1)			1460-1¼ 363 (400-1¼)
CIRCLING	1540-1 427 (500-1)	1580-1 467 (500-1)	1580-1½ 467 (500-1½)	1840-2¼ 727 (800-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
175°	TDZE	698
	Apt Elev	698

RNAV (GPS) RWY 17

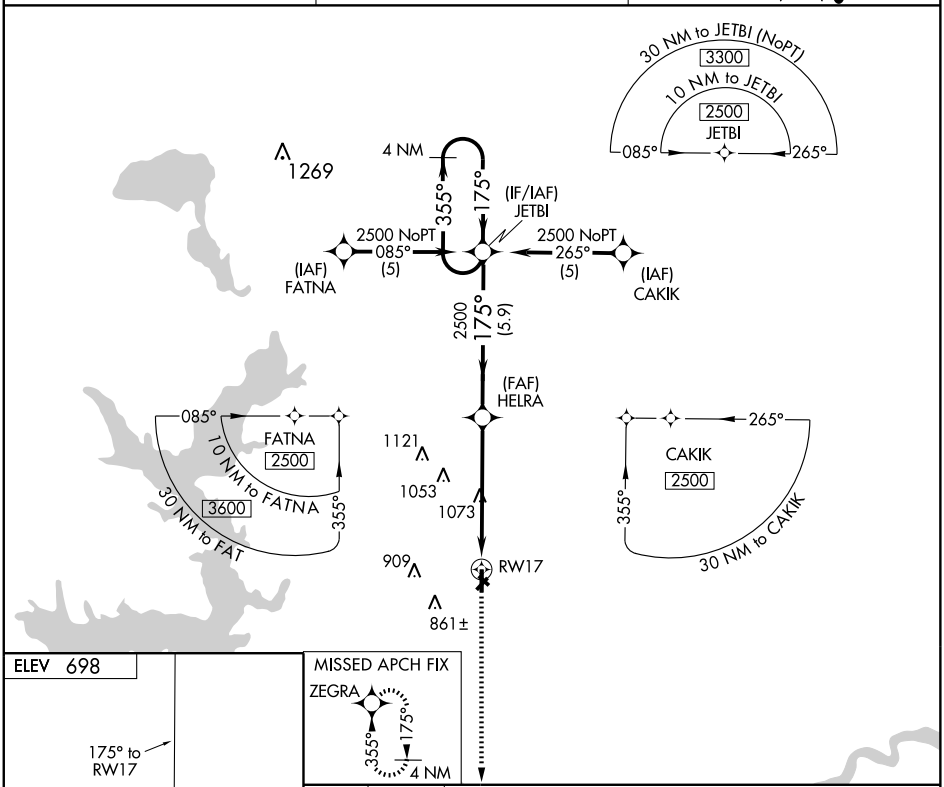
DURANT/ EAKER FIELD (DUA)

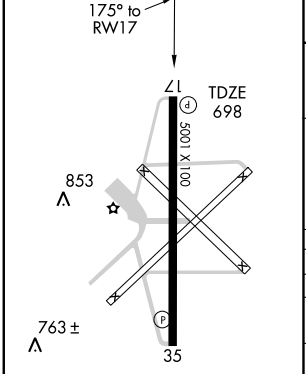
NA

Baro-VNAV NA below -16°C (4°F). If local altimeter setting not received, use Ardmore Muni altimeter setting and increase all DAs/MDAs 100 feet. VDP and Baro-VNAV NA when using Ardmore Muni altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

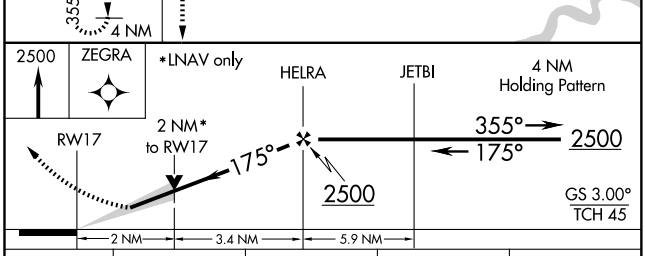
MISSED APPROACH: Climb to 2500 direct ZEGRA WP and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
124.175	124.75 377.1	122.8 (CTAF) L





REIL Rwys 17 and 35
MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1040-1¼ 342 (400-1¼)			NA
LNAV MDA	1380-1 682 (700-1)		1380-2 682 (700-2)	NA
CIRCLING	1380-1¼ 682 (700-1¼)		1380-2 682 (700-2)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
355°	TDZE	695
	Apt Elev	698

RNAV (GPS) RWY 35

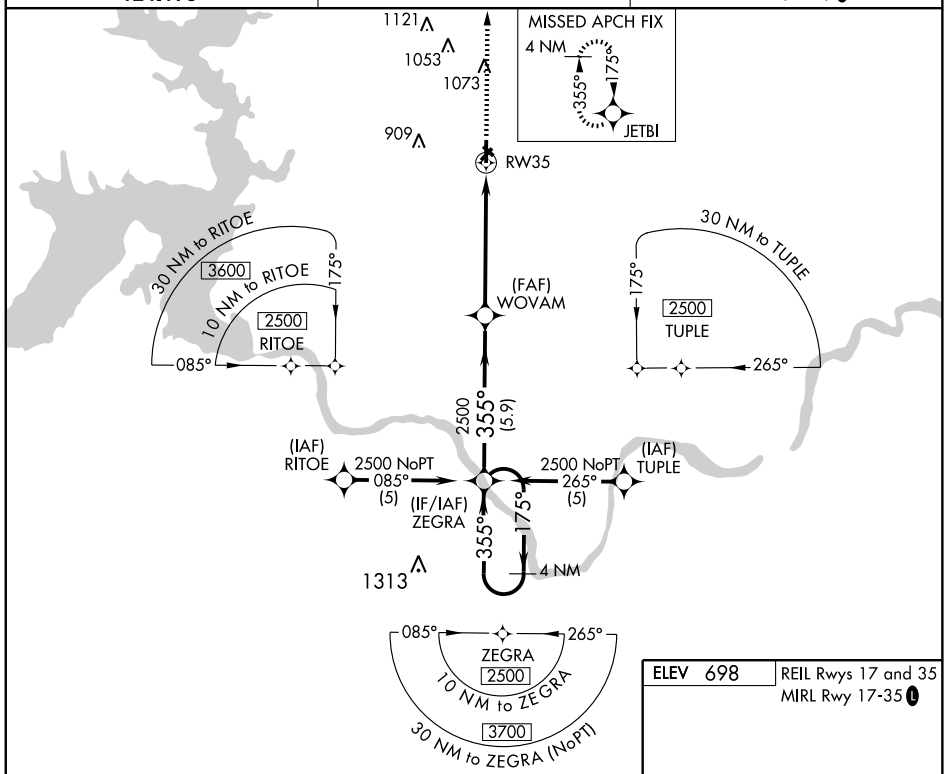
DURANT/ EAKER FIELD (DUA)

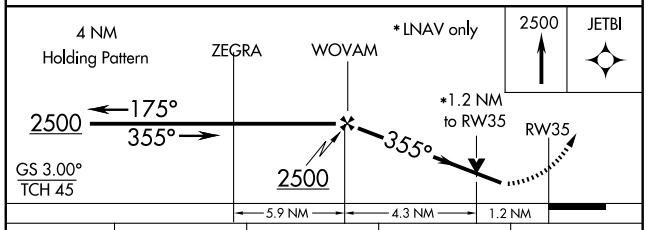
NA

If local altimeter setting not received, use Ardmore Muni altimeter setting and increase all DAs/MDAs 100 feet and Cat C visibility ¼ mile. VDP and Baro-VNAV NA when using Ardmore Muni altimeter setting. Baro-VNAV NA below -16°C (4°F). GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct JETBI WP and hold.

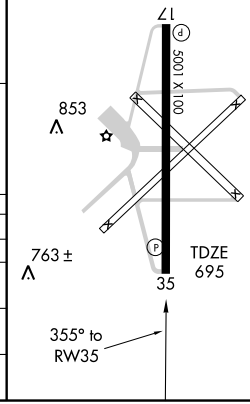
AWOS-3	FORT WORTH CENTER	UNICOM
124.175	124.75 377.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1020-1¼ 325 (400-1¼)			NA
LNAV MDA	1100-1 405 (500-1)		1100-1¼ 405 (500-1¼)	NA
CIRCLING	1220-1¼ 522 (600-1¼)		1220-1½ 522 (600-1½)	NA

ELEV 698	REIL Rwys 17 and 35
	MIRL Rwy 17-35 L



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME URH	APP CRS	Rwy Idg	5001
114.3	164°	TDZE	698
Chan 90		Apt Elev	698

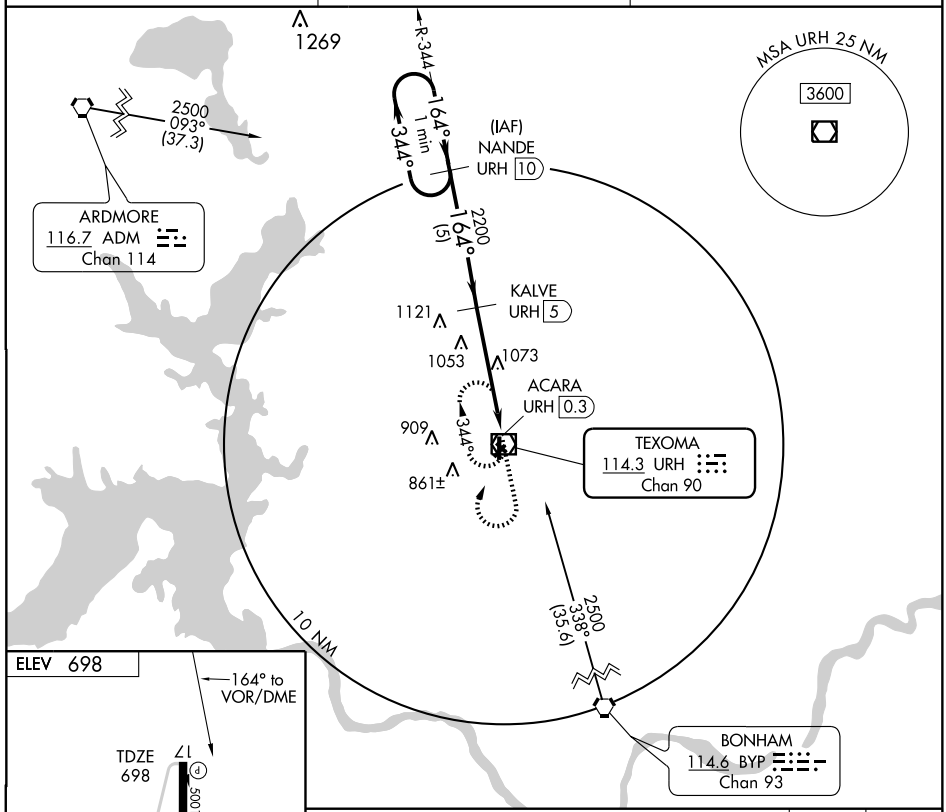
VOR/DME RWY 17

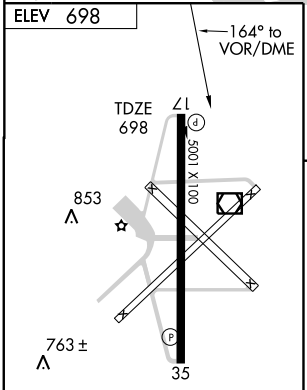
DURANT/ EAKER FIELD (DUA)

NA If local altimeter setting not received, use Ardmore Muni altimeter setting and increase all MDAs 100 feet. VDP NA when using Ardmore Muni altimeter setting.

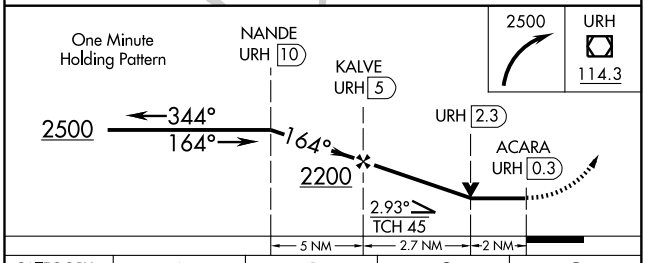
MISSED APPROACH: Climbing right turn to 2500 in URH VOR/DME holding pattern.

AWOS-3	FORT WORTH CENTER	UNICOM
124.175	124.75 377.1	122.8 (CTAF) L





REIL Rwys 17 and 35
MIRL Rwy 17-35 L



CATEGORY	A	B	C	D
S-17	1380-1	682 (700-1)	1380-2 682 (700-2)	NA
CIRCLING	1380-1	682 (700-1)	1380-2 682 (700-2)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

DURANT, OKLAHOMA AL-6172 (FAA)

VOR/DME URH	APP CRS	Rwy Idg	5001
114.3	004°	TDZE	695
Chan 90		Apt Elev	698

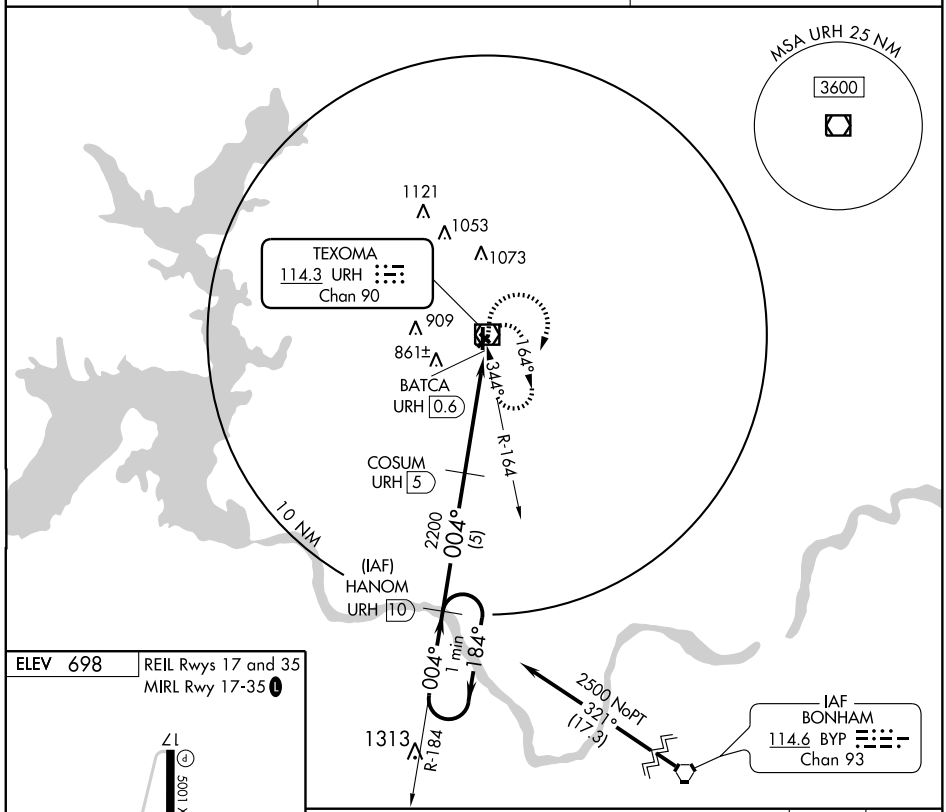
VOR/DME RWY 35

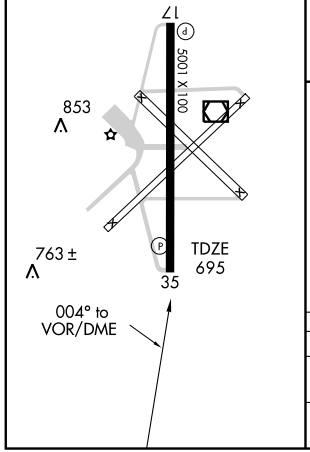
DURANT/ EAKER FIELD (DUA)

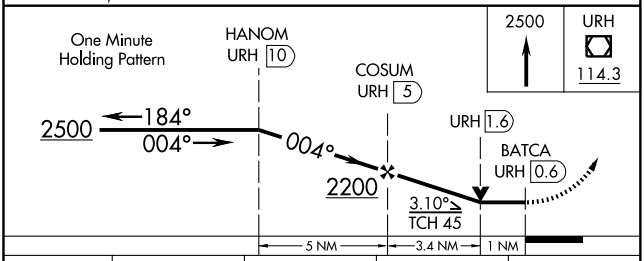
NA If local altimeter setting not received, use Ardmore Muni altimeter setting and increase all MDAs 100 feet. VDP NA when using Ardmore Muni altimeter setting.

MISSED APPROACH: Climb to 2500 in URH VOR/DME holding pattern.

AWOS-3	FORT WORTH CENTER	UNICOM
124.175	124.75 377.1	122.8 (CTAF) L





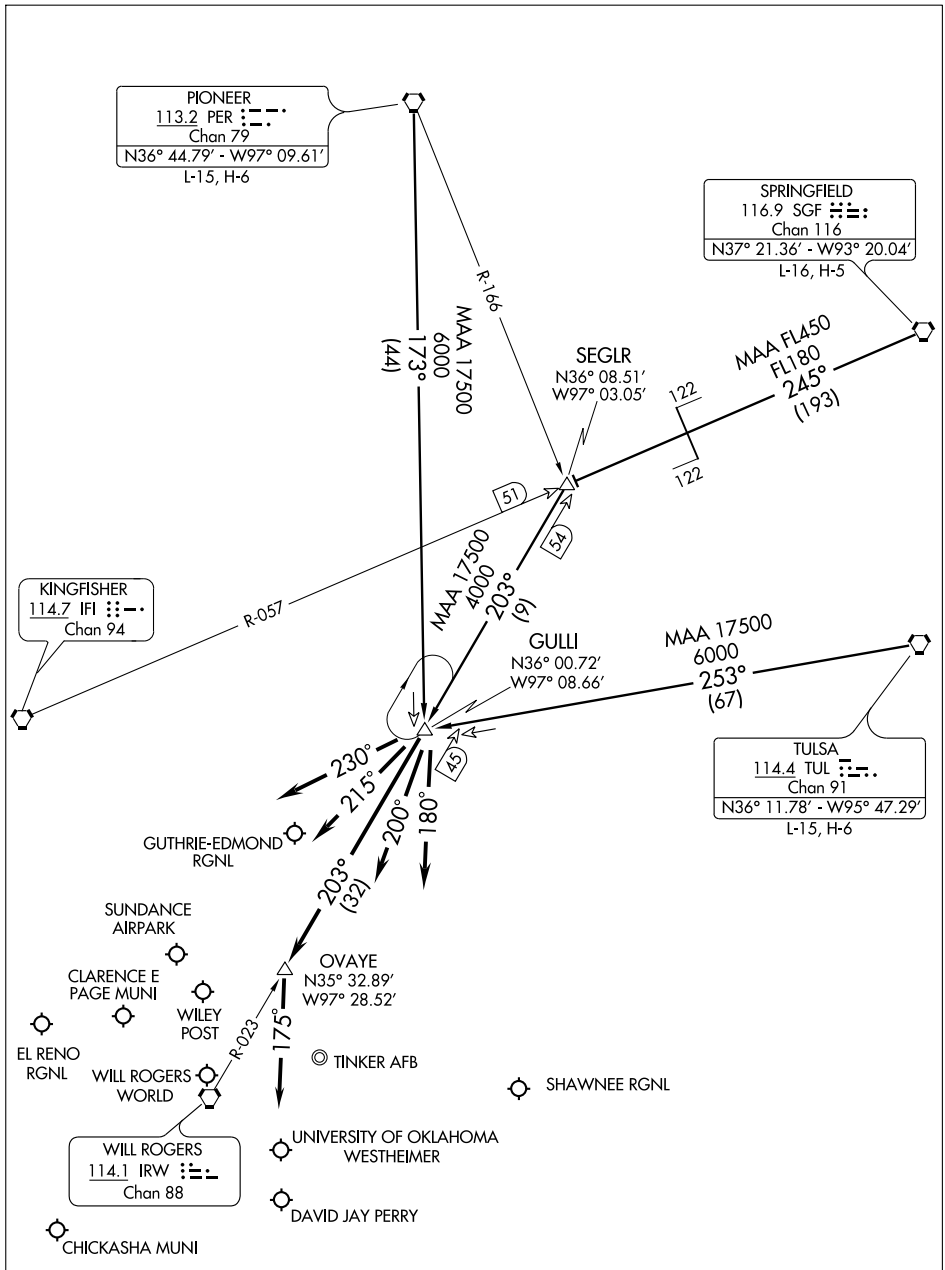


CATEGORY	A	B	C	D
S-35	1060-1 365 (400-1)			NA
CIRCLING	1160-1 462 (500-1)		1160-1½ 462 (500-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB RQO	APP CRS	Rwy Idg	5600
335	342°	TDZE	1418
		Apt Elev	1418

NDB RWY 35

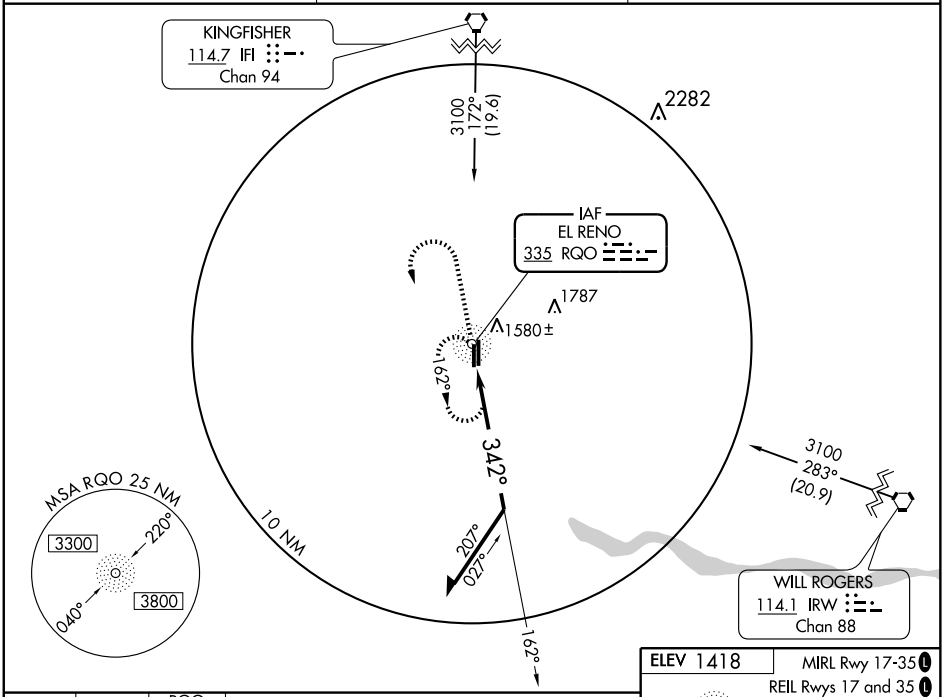
EL RENO RGNL (RQO)

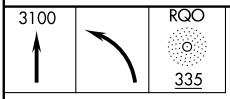
When local altimeter setting not received, use Wiley Post altimeter setting.

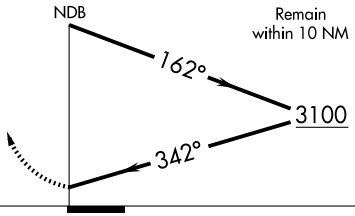
NA

MISSED APPROACH: Climb to 3100 then left turn direct RQO NDB and hold.

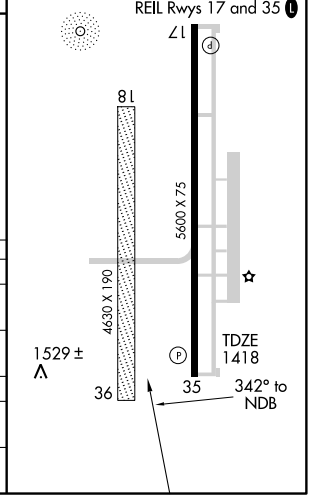
AWOS-3	OKE CITY APP CON	UNICOM
118.475	124.6 266.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	1960-1	542 (600-1)	1960-1½ 542 (600-1½)	NA
CIRCLING	1960-1	542 (600-1)	1960-1½ 542 (600-1½)	NA
WILEY POST ALTIMETER SETTING MINIMUMS				
S-35	2020-1	602 (700-1)	2020-1¾ 602 (700-1¾)	NA
CIRCLING	2020-1	602 (700-1)	2020-1¾ 602 (700-1¾)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5600
173°	TDZE	1415
	Apt Elev	1418

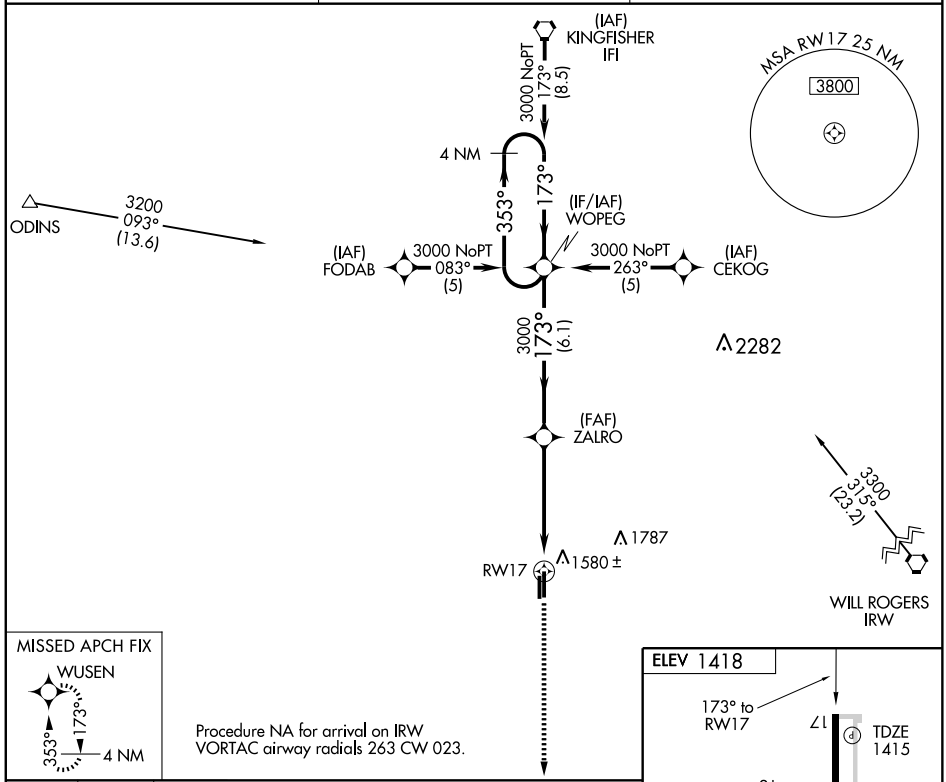
RNAV (GPS) RWY 17

EL RENO RGNL (RQO)

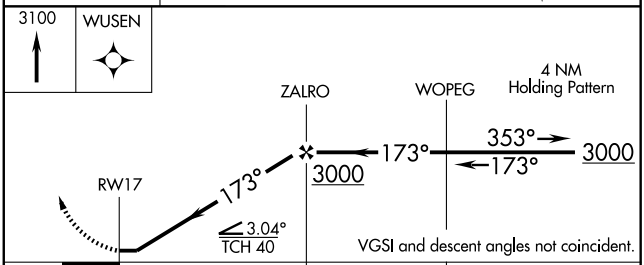
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Wiley Post altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C ¼ mile.

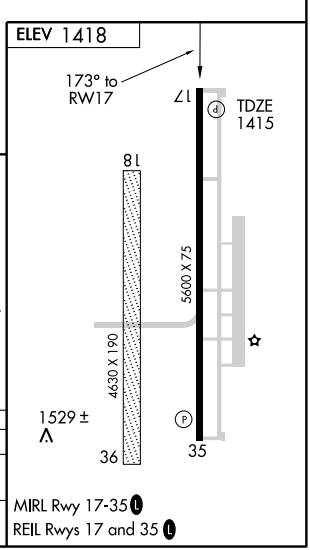
MISSED APPROACH: Climb to 3100 direct WUSEN and hold.

AWOS-3	OKE CITY APP CON	UNICOM
118.475	124.6 266.8	122.8 (CTAF) L



Procedure NA for arrival on IRW VORTAC airway radials 263 CW 023.





CATEGORY	A	B	C	D
LNAV MDA	1880-1 465 (500-1)		1880-1¼ 465 (500-1¼)	NA
CIRCLING	1940-1 522 (600-1)		1940-1½ 522 (600-1½)	NA

MIRL Rwy 17-35 L

REIL Rwys 17 and 35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5600
353°	TDZE	1418
	Apt Elev	1418

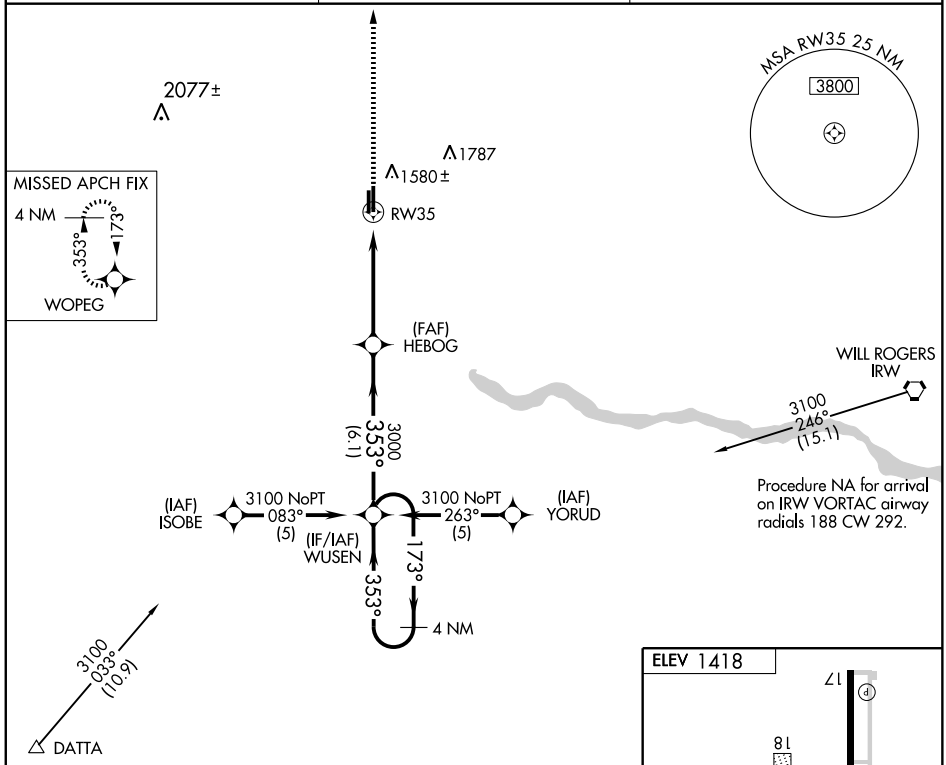
RNAV (GPS) RWY 35

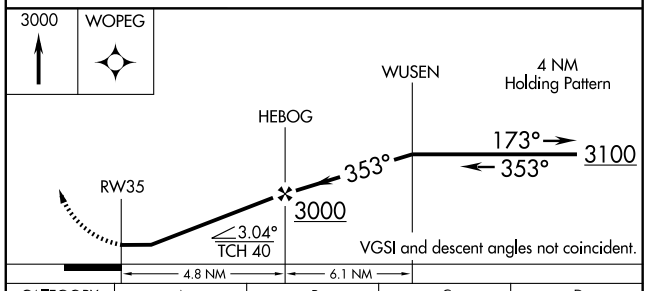
EL RENO RGNL (RQO)

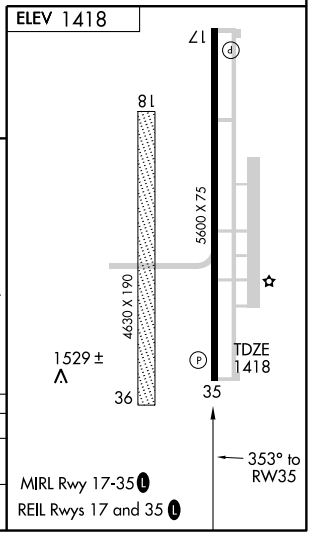
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Wiley Post altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climb to 3000 direct WOPEG and hold.

AWOS-3	OKE CITY APP CON	UNICOM
118.475	124.6 266.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1820-1	402 (500-1)	1820-1¼ 402 (500-1¼)	NA
CIRCLING	1940-1	522 (600-1)	1940-1½ 522 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC IFI	APP CRS	Rwy Idg	5600
114.7	351°	TDZE	1418
Chan 94		Apt Elev	1418

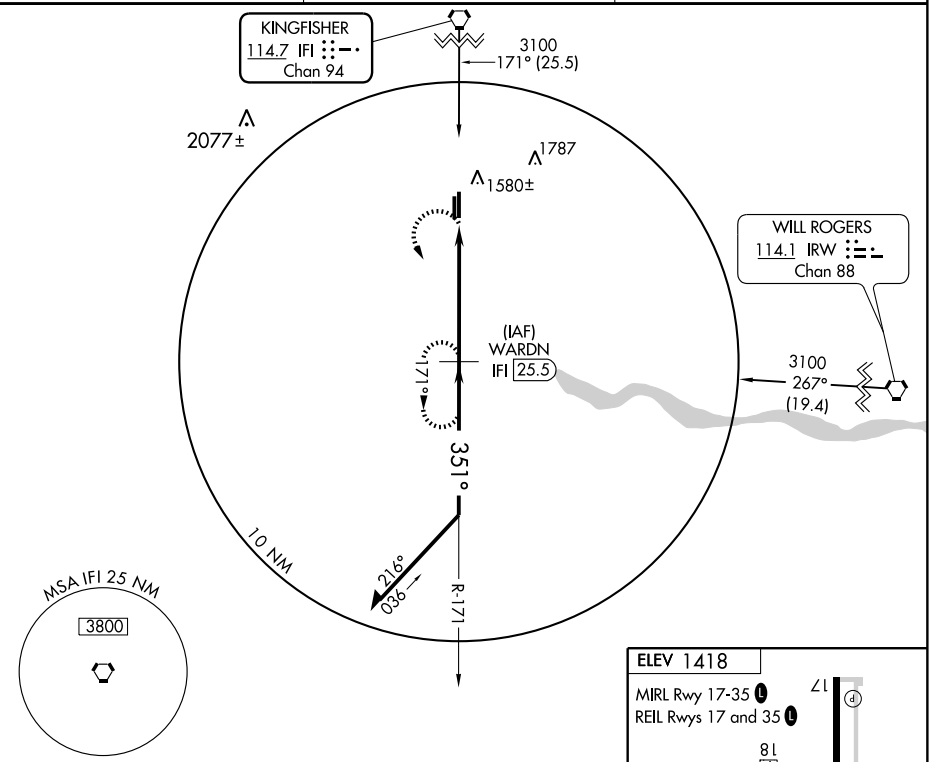
VOR/DME RWY 35

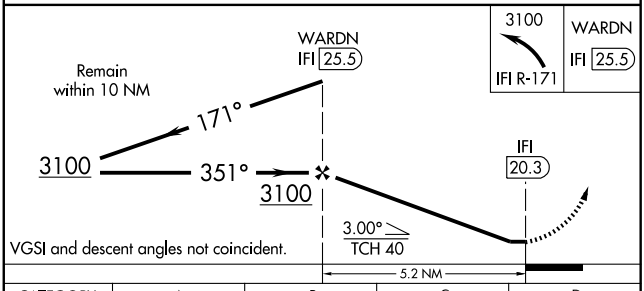
EL RENO RGNL (RQO)

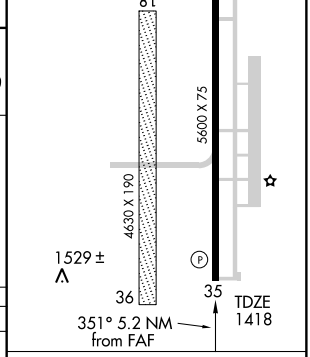
Visibility reduction by helicopters NA.
When local altimeter setting not received, use Wiley Post altimeter setting and increase all MDAs 60 feet and visibilities Cat C ¼ mile.

MISSED APPROACH: Climbing left turn to 3100 via IFI VORTAC R-171 to WARDN/25.5 DME and hold.

AWOS-3	OKE CITY APP CON	UNICOM
118.475	124.6 266.8	122.8 (CTAF)







CATEGORY	A	B	C	D
S-35	2120-1 702 (800-1)	2120-1¼ 702 (800-1¼)	2120-2 702 (800-2)	NA
CIRCLING	2120-1 702 (800-1)	2120-1¼ 702 (800-1¼)	2120-2 702 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5399
CH 82408	174°	TDZE	2013
W17A		Apt Elev	2013

RNAV (GPS) RWY 17

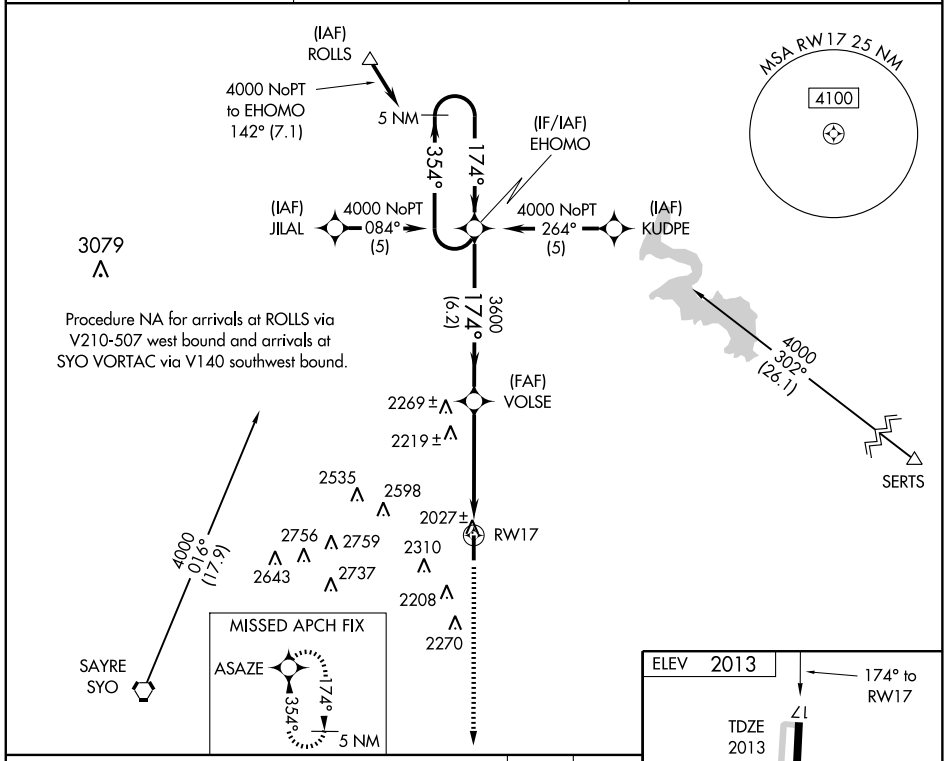
ELK CITY RGNL BUSINESS (ELK)

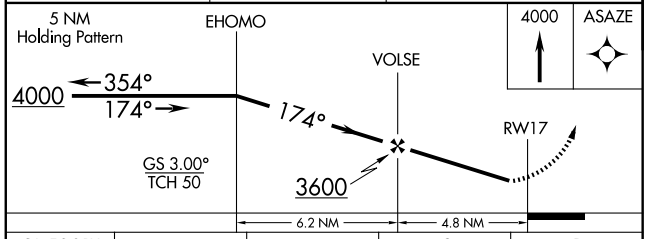
Baro-VNAV NA when using Clinton-Sherman altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Clinton-Sherman altimeter setting and increase all DA/MDA 40 feet, increase LNAV Cat C visibility ¼ mile.

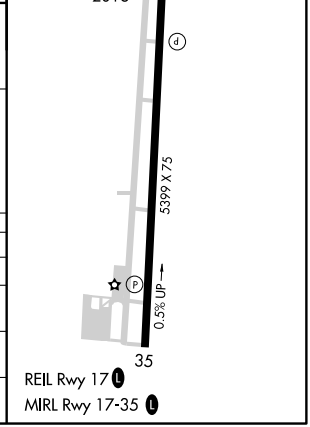
NA

MISSED APPROACH: Climb to 4000 direct ASAZE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.225	128.4 269.375	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	2263-1 250 (300-1)			NA
LNAV/VNAV LDA	2361-1¼ 348 (400-1¼)			NA
LNAV MDA	2480-1 467 (500-1)		2480-1¼ 467 (500-1¼)	NA
CIRCLING	2520-1 507 (600-1)		2520-1½ 507 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS		
CH 53508	354°	Rwy Idg	5399
W35A		TDZE	1984
		Apt Elev	2013

RNAV (GPS) RWY 35

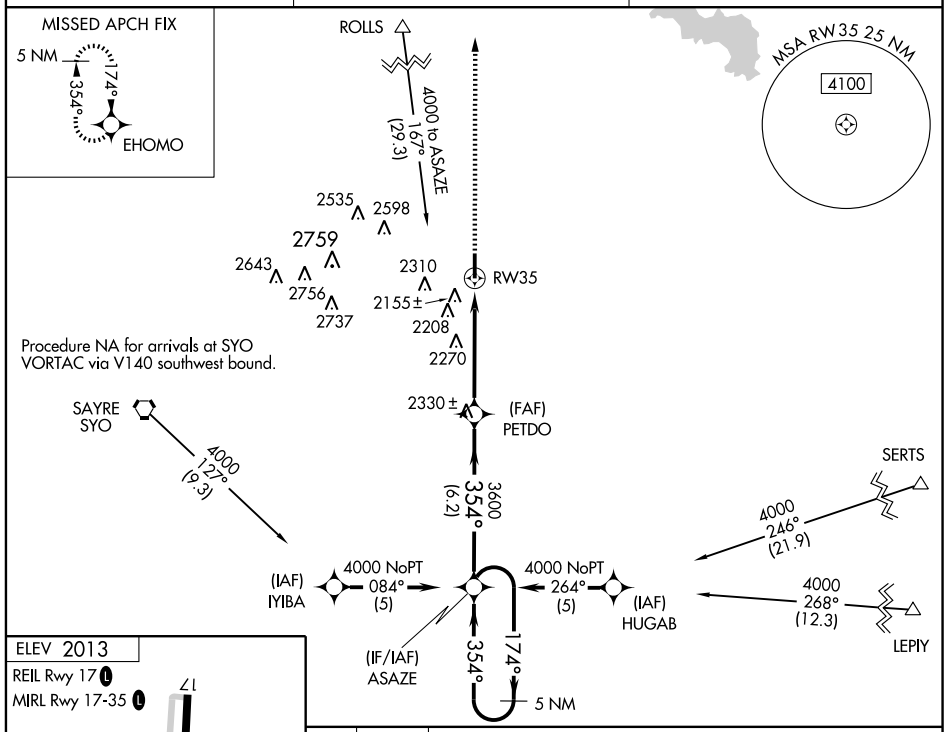
ELK CITY RGNL BUSINESS (ELK)

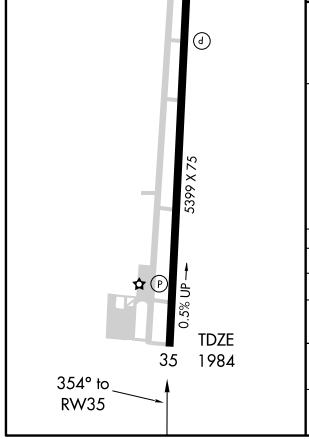
Baro-VNAV NA when using Clinton-Sherman altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Clinton-Sherman altimeter setting and increase all DA/MDA 40 feet, increase LNAV and circling Cat C visibility ¼ mile.

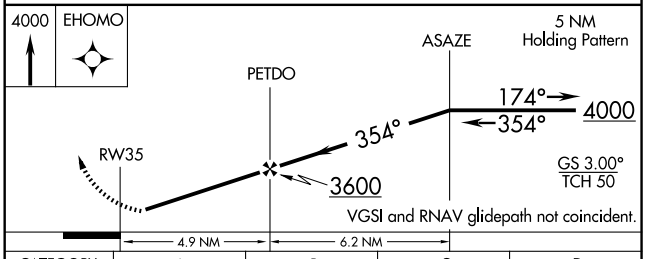
NA

MISSED APPROACH: Climb to 4000 direct EHOMO and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.225	128.4 269.375	122.8 (CTAF) L

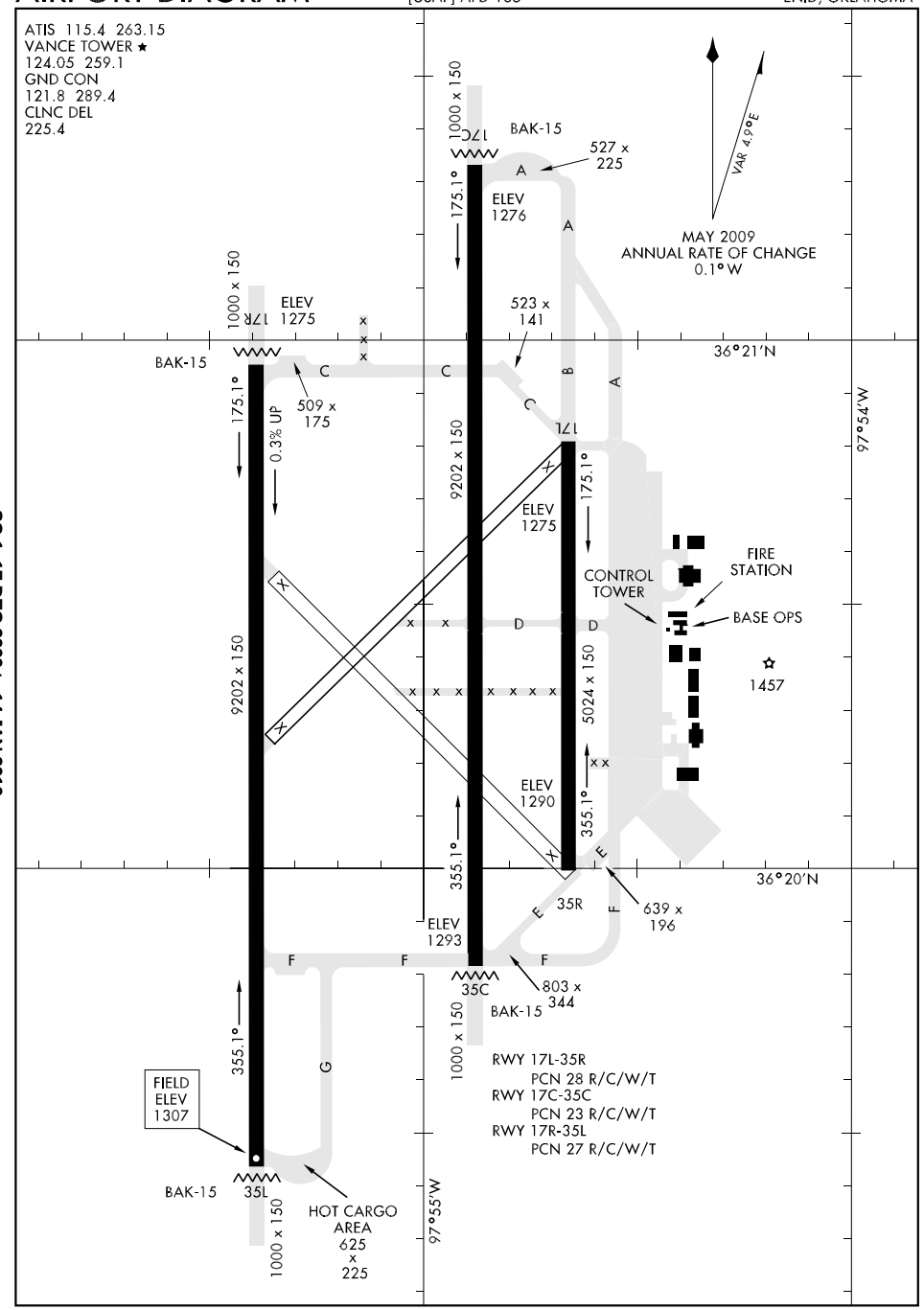






CATEGORY	A	B	C	D
LPV DA	2234-1 250 (300-1)			NA
LNAV/VNAV DA	2510-2 526 (500-2)			NA
LNAV MDA	2580-1 596 (600-1)		2580-1½ 596 (600-1½)	NA
CIRCLING	2580-1 567 (600-1)		2580-1½ 567 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010



SC-1, 17 DEC 2009 to 14 JAN 2010

ANTHONY-TWO DEPARTURE (ANY 2•ANY)

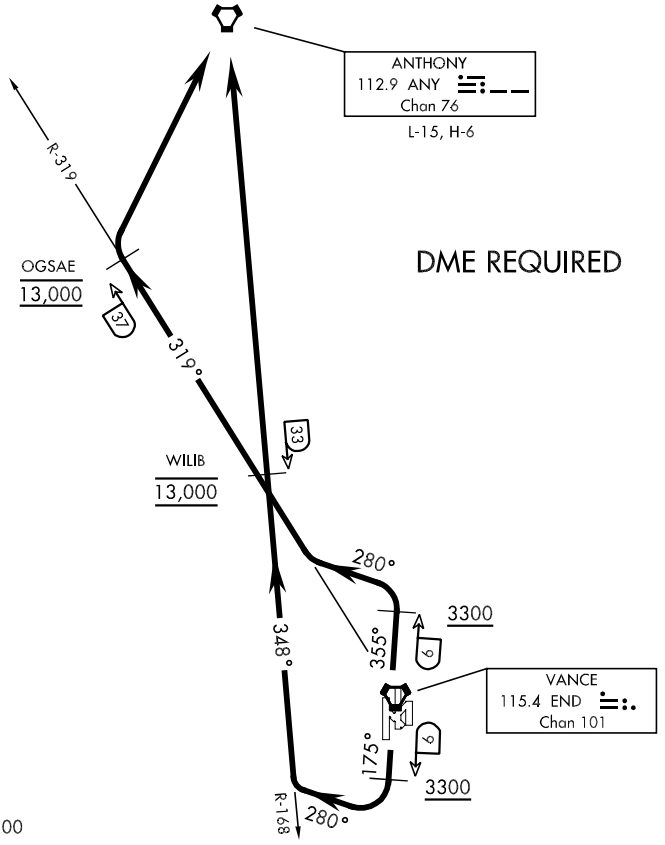
SL-135 [USAF]

ENID, OKLAHOMA

ATIS★115.4 263.15
CLNC DEL
225.4
GND CON
121.8 289.4
VANCE TOWER★
124.05 259.1
VANCE DEP CON
120.525 306.3
KANSAS CITY CENTER
127.8 319.1

Rwy	Knots	60	120	180	240
35L	V/V(fpm)	360	710	1060	1420
35C	V/V(fpm)	380	760	1140	1510
17R	V/V(fpm)	430	850	1270	1690
17C	V/V(fpm)	400	790	1180	1580

ATC Climb Rate to 13,000



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17C/R: Track 175° to END VORTAC 6 DME, cross END 6 DME at or above 3300, then turn right heading 280°. Intercept ANY VORTAC R-168 to ANY. Cross WILIB (ANY R-168/33 DME) at 13,000.

TAKE-OFF RWY 35C/L: Track 355° to END VORTAC 6 DME, cross END 6 DME at or above 3300, then turn left heading 280°. Intercept END R-319 to OGSAE (END R-319/37 DME), then direct ANY VORTAC. Cross OGSAE at 13,000.

ANTHONY-TWO DEPARTURE (ANY 2•ANY)

ENID, OKLAHOMA

ILS or LOC/DME Y RWY 17C

LOC I-LVC	APCH CRS	Rwy ldg 9202 TDZE 1277 Arpt Elev 1307
108.9	175°	

AL-135 [USAF]

VANCE AFB (KEND)

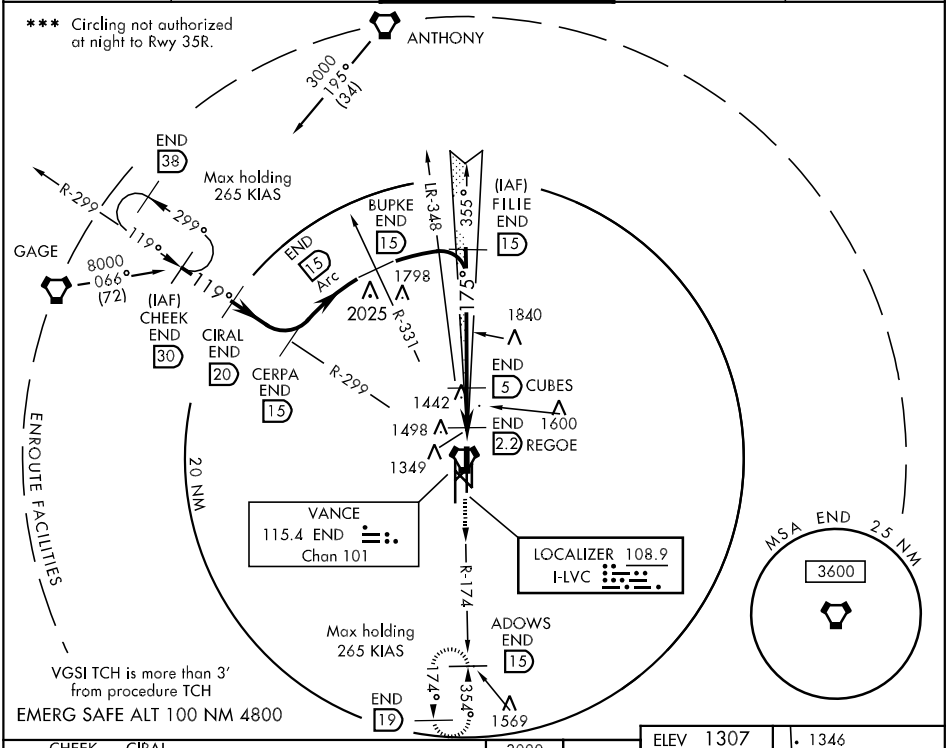
▼ * When ALS inop, increase CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

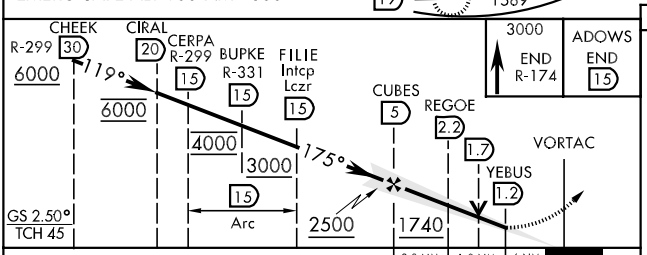
SALSF (A2)

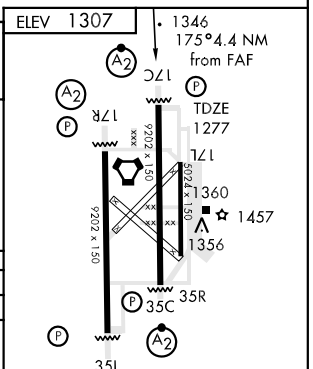
MISSED APPROACH: Climb to 3000, intercept END VORTAC R-174 to ADOWS and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

*** Circling not authorized at night to Rwy 35R.







CATEGORY	A	B	C	D	E
S-ILS 17C *	1477/24 200 (200-½)		1477/40 200 (200-¾)		
S-LOC 17C **	1620/40 343 (400-¾)			1620/50 343 (400-1)	
SIDESTEP 17L	1740-1½ 458 (500-1½)				NA
CIRCLING ***	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

ILS or LOC/DME Y RWY 35C

LOC I-END	APCH CRS	Rwy ldg	9202
110.1	355°	TDZE	1293
		Arpt Elev	1307

AL-135 [USAF]

VANCE AFB (KEND)

▼ * When ALS inop, increase CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABCDE RVR to 50 and vis to 1 mile.

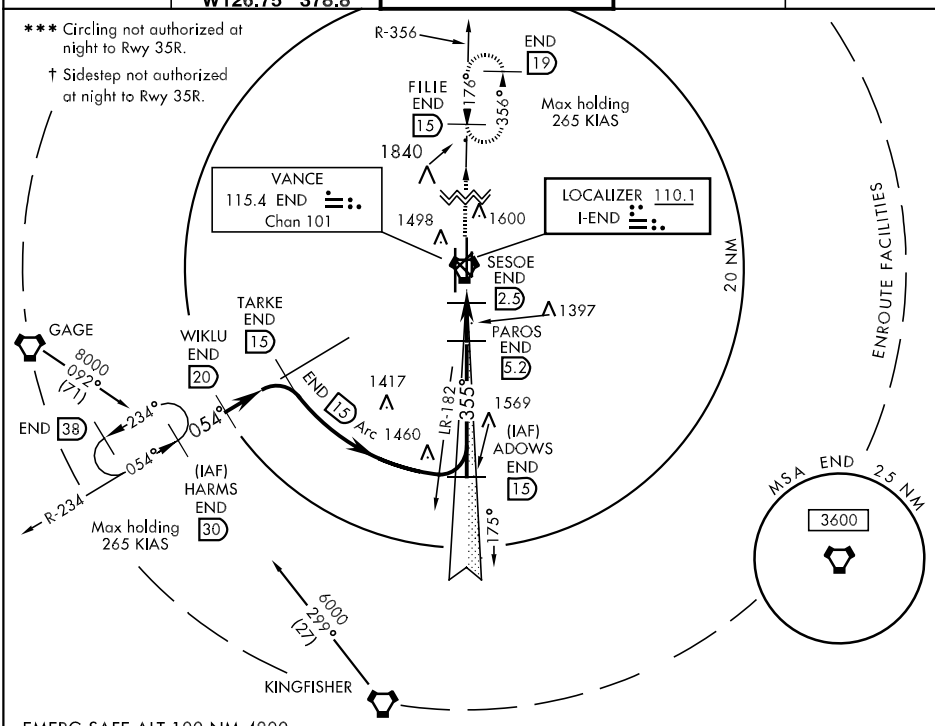
SALSF (A2)

MISSED APPROACH: Climb to 3000 intercept END VORTAC R-356 to FILIE and hold.

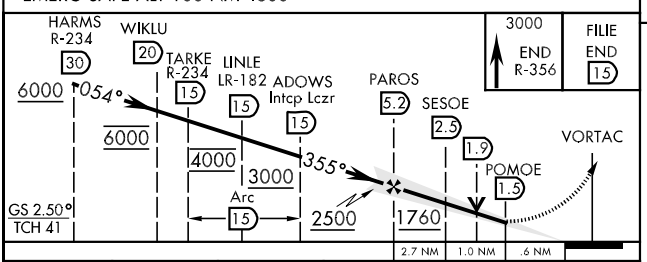
ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

*** Circling not authorized at night to Rwy 35R.

† Sidestep not authorized at night to Rwy 35R.

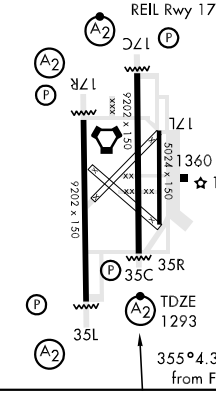


EMERG SAFE ALT 100 NM 4800



ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



CATEGORY	A	B	C	D	E
S-ILS 35C *	1493/24 200 (200-½)		1493/40 200 (200-¾)		
S-LOC 35C **	1600/40 307 (300-¾)				
† SIDESTEP 35R	1760-1 476 (500-1)		1760-1¼ 476 (500-1¼)	1760-1½ 476 (500-1½)	NA
*** CIRCLING	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

ENID, OKLAHOMA

ILS or LOC/DME Z RWY 17C

VANCE AFB (KEND)

LOC I-LVC	APCH CRS	Rwy ldg 9202 / TDZE 1277 / Arpt Elev 1307
108.9	175°	AL-135 [USAF]

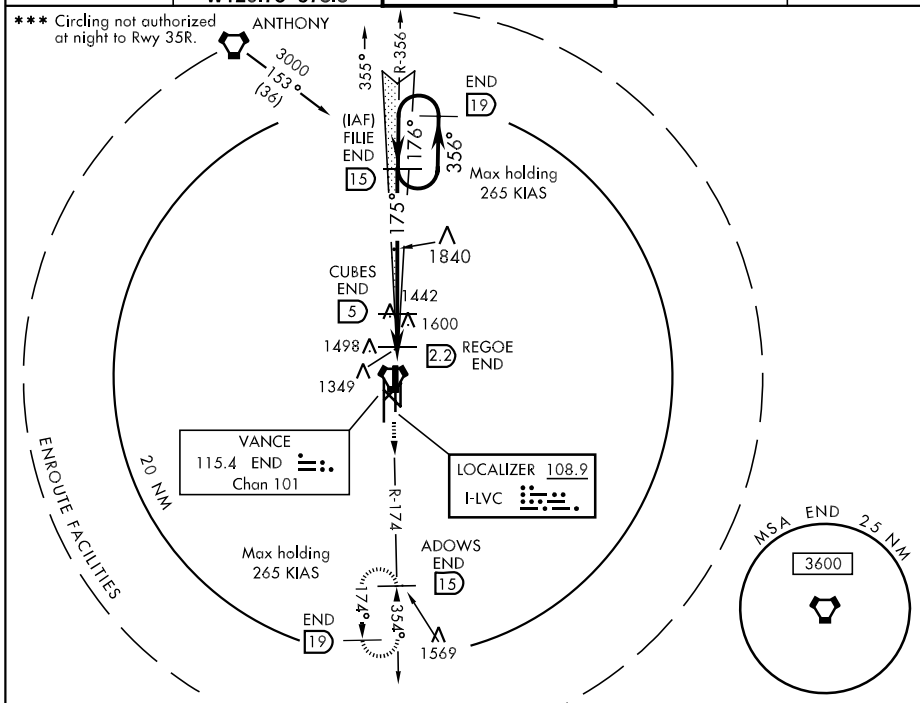
▼ * When ALS inop, increase CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

SALSF (A2)

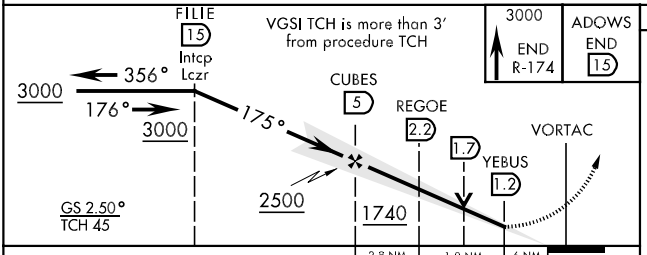
MISSED APPROACH: Climb to 3000, intercept END VORTAC R-174 to ADOWS and hold.

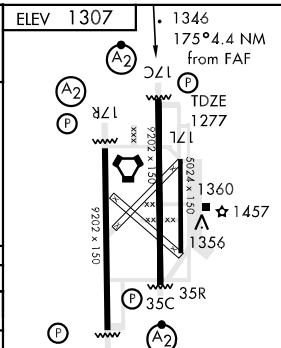
ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

*** Circling not authorized at night to Rwy 35R.



EMERG SAFE ALT 100 NM 4800





CATEGORY	A	B	C	D	E
S-ILS 17C *	1477/24 200 (200-½)		1477/40 200 (200-¾)		
S-LOC 17C **	1620/40 343 (400-¾)			1620/50 343 (400-1)	
SIDESTEP 17L	1740-1½ 458 (500-1½)				NA
CIRCLING ***	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

ENID, OKLAHOMA

36°20'N-97°55'W

VANCE AFB (KEND)

Amdt 1 09211

ILS or LOC/DME Z RWY 17C

SC-1, 17 DEC 2009 to 14 JAN 2010

ILS or LOC/DME Z RWY 35C

LOC I-END	APCH CRS	Rwy ldg / TDZE / Arpt Elev
110.1	355°	9202 / 1293 / 1307

AL-135 [USAF]

VANCE AFB (KEND)

▼ * When ALS inop, increase CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABCDE RVR to 50 and vis to 1 mile.

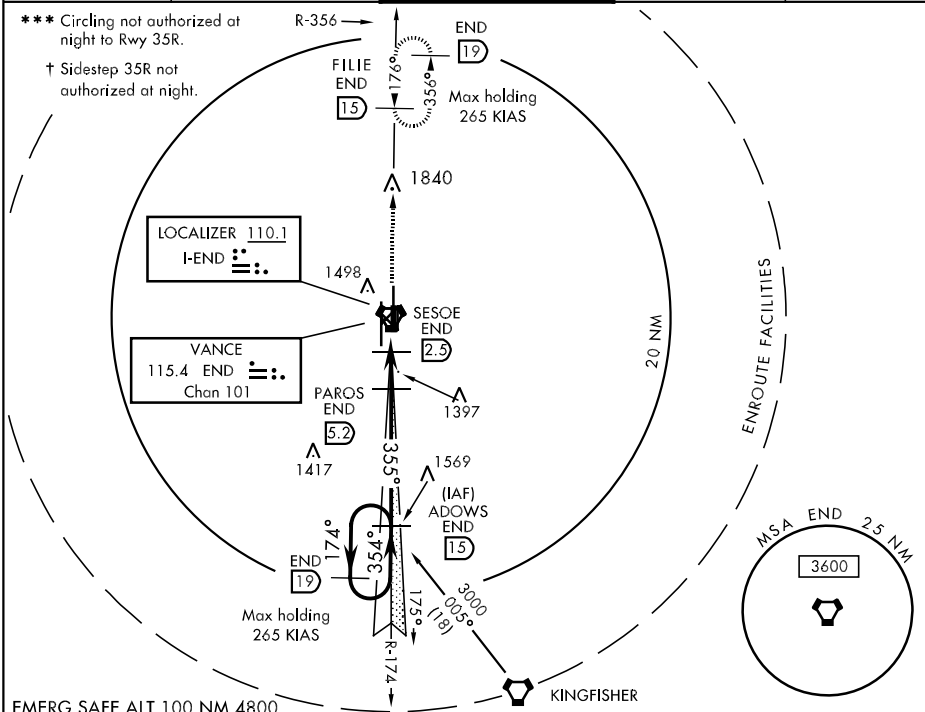
SALSF (A2)

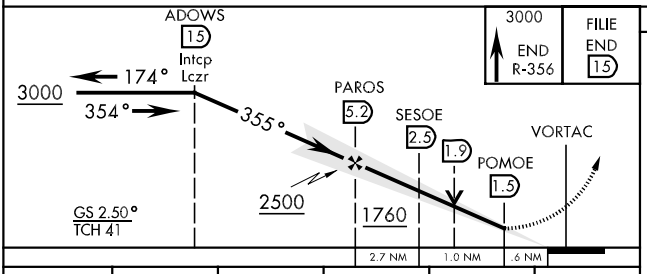
MISSED APPROACH: Climb to 3000, intercept END VORTAC R-356 to FILIE and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

*** Circling not authorized at night to Rwy 35R.

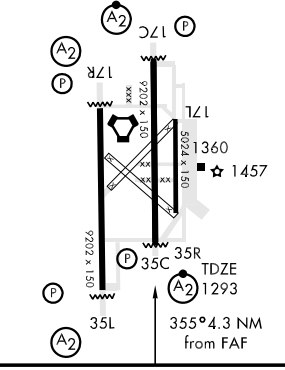
† Sidestep 35R not authorized at night.





ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



CATEGORY	A	B	C	D	E
S-ILS 35C *	1493/24	200 (200-½)	1493/40	200 (200-¾)	
S-LOC 35C**	1600/40	307 (300-¾)			
† SIDESTEP 35R	1760-1 476 (500-1)		1760-1¼ 476 (500-1¼)	1760-1½ 476 (500-1½)	NA
CIRCLING ***	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

JAYHAWKE-TWO DEPARTURE (JHK 2•IFI)

SL-135 [USAF]

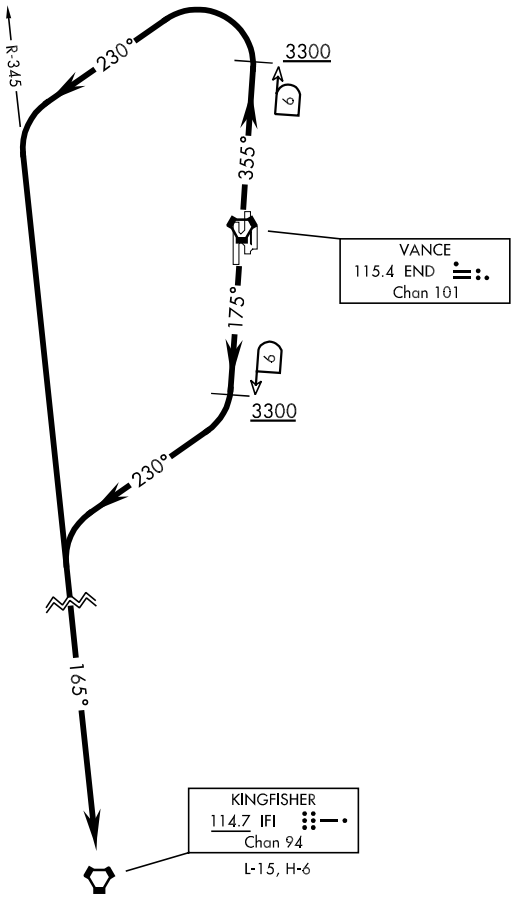
ENID, OKLAHOMA

ATIS★115.4 263.15
CLNC DEL
225.4
GND CON
121.8 289.4
VANCE TOWER★
124.05 259.1
VANCE DEP CON
120.525 306.3
FORT WORTH CENTER
128.4 290.2

Rwy	Knots	60	120	180	240
35L	V/V(fpm)	360	710	1060	1420
35C	V/V(fpm)	380	760	1140	1510
17R	V/V(fpm)	430	850	1270	1690
17C	V/V(fpm)	400	790	1180	1580

ATC Climb Rate to 3300

DME REQUIRED



EMERG SAFE ALT 100 NM 4800

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17C/R: Track 175° to END VORTAC 6 DME, cross END 6 DME at or above 3300, then turn right heading 230°, intercept IFI VORTAC R-345 to IFI.

TAKE-OFF RWY 35C/L: Track 355° to END VORTAC 6 DME, cross END 6 DME at or above 3300, then turn left heading 230°, intercept IFI VORTAC R-345 to IFI.

JAYHAWKE-TWO DEPARTURE (JHK 2•IFI)

ENID, OKLAHOMA

RNAV (GPS)-A

APCH CRS	Rwy ldg	NA
314°	TDZE	NA
	Arpt Elev	1307

AL-135 [USAF]

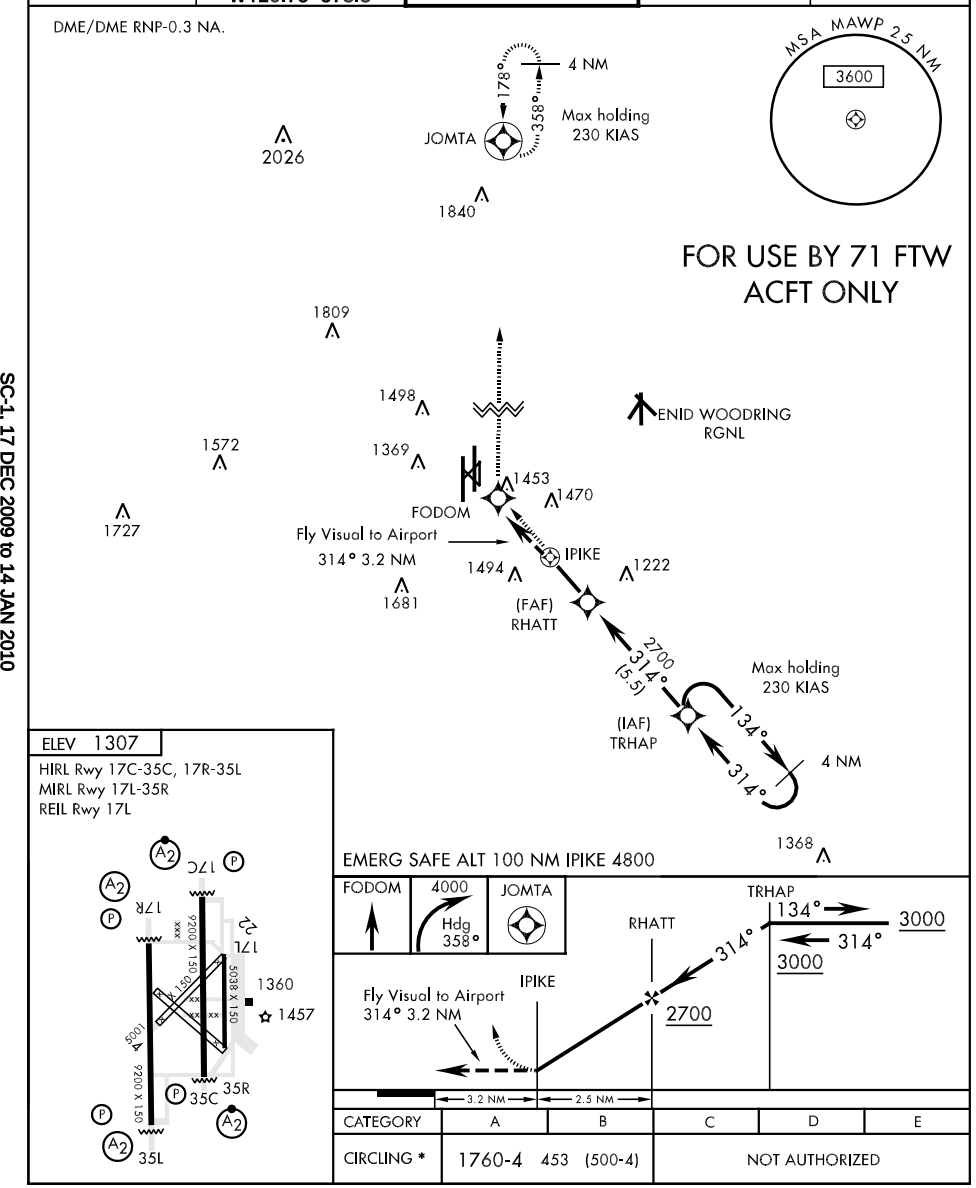
VANCE AFB (KEND)

* Circle to remain East of Rwy 35R/17L extended centerline unless directed otherwise by ATC.
* Circling not authorized at night to Rwy 35R.

MISSED APPROACH: Climb direct FODOM then climbing right turn to 4000 via 358° course to JOMTA and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

DME/DME RNP-0.3 NA.



ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L

CATEGORY	A	B	C	D	E
CIRCLING *	1760-4 453 (500-4)		NOT AUTHORIZED		

RNAV (GPS)-B

APCH CRS	Rwy ldg	NA
199°	TDZE	NA
	Arpt Elev	1307

AL-135 [USAF]

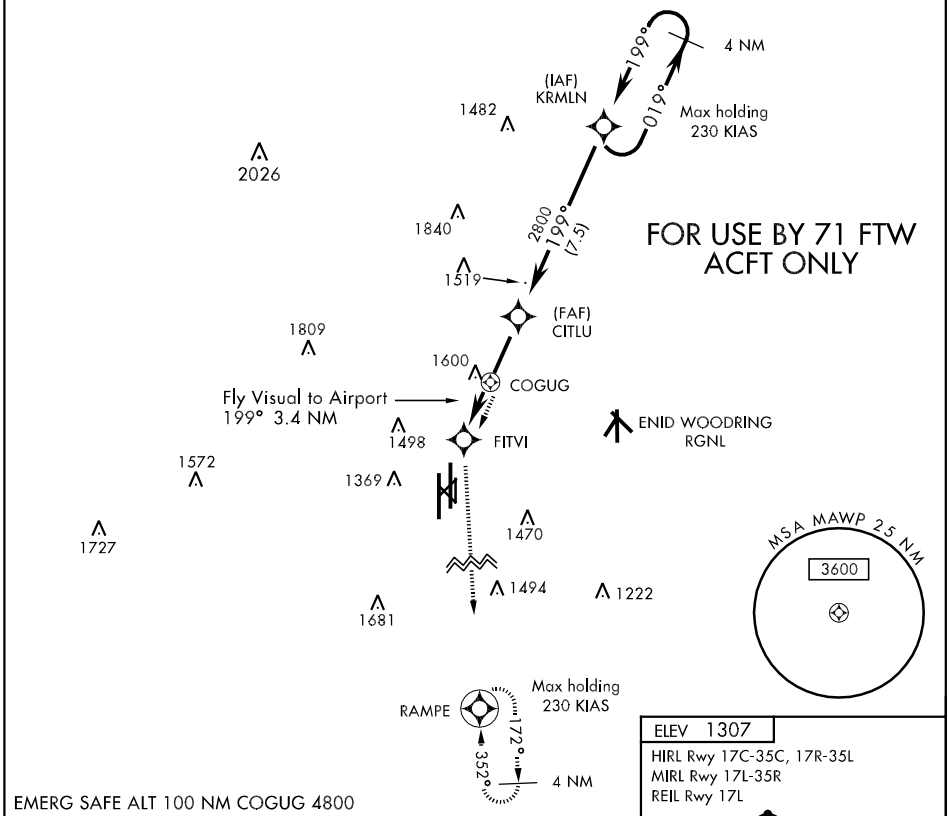
VANCE AFB (KEND)

* Circle to remain East of Rwy 35R/17L extended centerline unless directed otherwise by ATC.
* Circling not authorized at night to Rwy 35R.

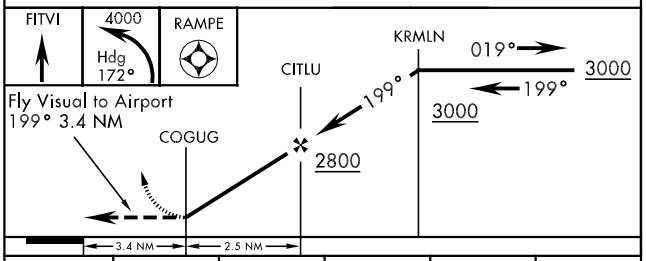
MISSED APPROACH: Climb direct FITVI then climbing left turn to 4000 via 172° course to RAMPE and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W121.3 291.1	124.05 259.1	121.8 289.4	225.4

DME/DME RNP-0.3 NA.



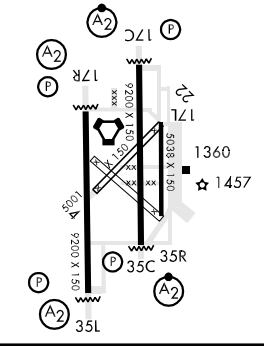
EMERG SAFE ALT 100 NM COGUG 4800



CATEGORY	A	B	C	D	E
CIRCLING *	1880-4	573 (600-4)	NOT AUTHORIZED		

ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



RNAV (GPS) RWY 17C

APCH CRS	Rwy ldg	9202
175°	TDZE	1277
	Arpt Elev	1307

AL-135 [USAF]

VANCE AFB (KEND)

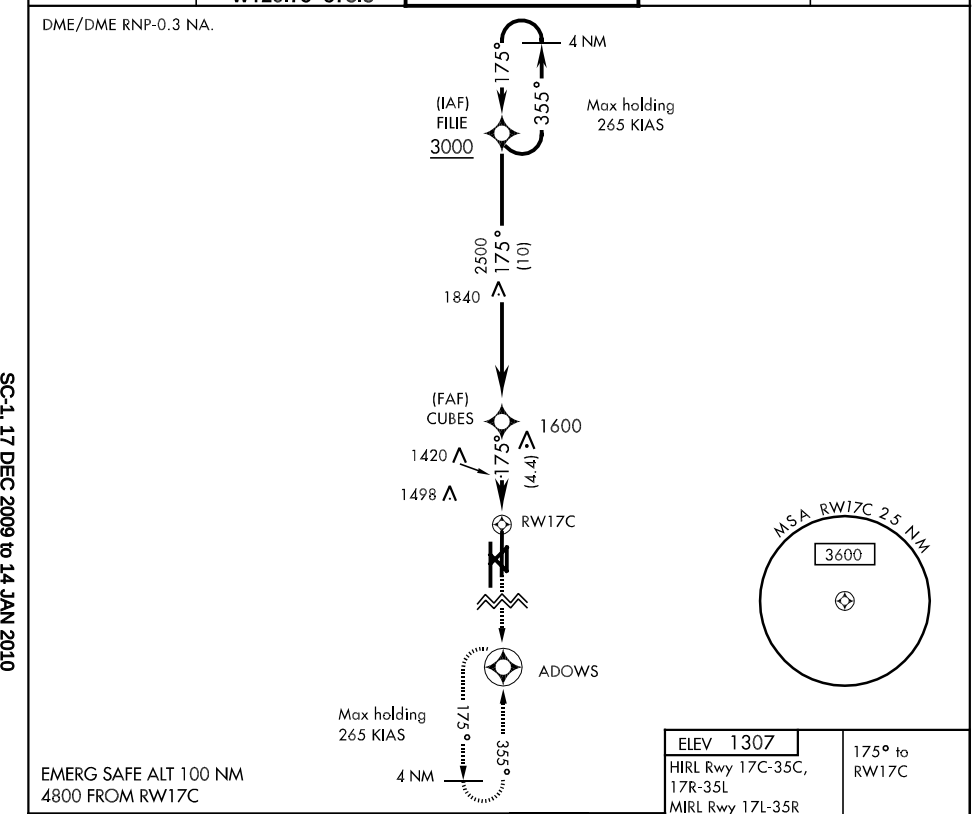
▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles , CAT E vis to 1½ miles.
** Circling not authorized at night to RWY 35R.

SALSF

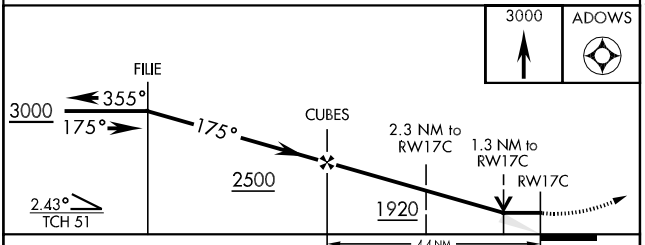
MISSED APPROACH: Climb to 3000 direct ADOWS and hold.

ATIS *	VANCE APP CON	VANCE TOWER *	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

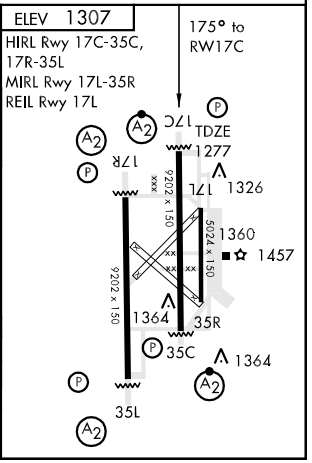
DME/DME RNP-0.3 NA.



EMERG SAFE ALT 100 NM
4800 FROM RW17C



ELEV 1307
HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



CATEGORY	A	B	C	D	E
LNAV MDA *	1680/40 403 (400-¾)		1680/50 403 (400-1)		1680/60 403 (400-1¼)
CIRCLING **	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

RNAV (GPS) RWY 35C

APCH CRS	Rwy ldg	9202
355°	TDZE	1293
	Arpt Elev	1307

AL-135 [USAF]

VANCE AFB (KEND)

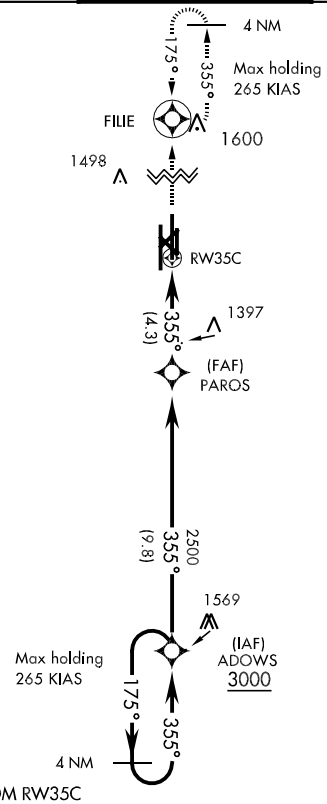
▼ * When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized at night to RWY 35R.

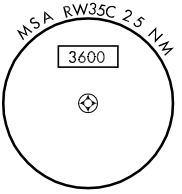
SALSF (A2)

MISSED APPROACH: Climb to 3000 direct FILIE and hold.

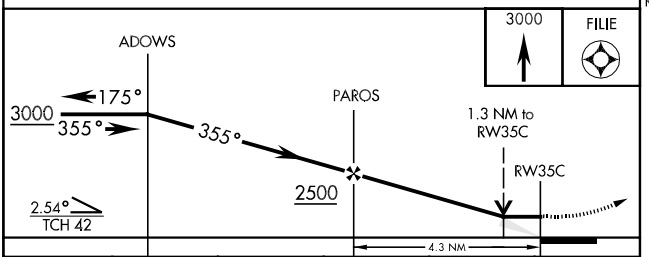
ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

DME/DME RNP-0.3 NA.



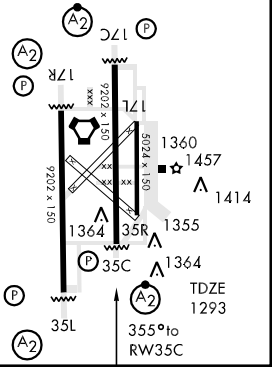


EMERG SAFE ALT 100 NM 4800 FROM RW35C



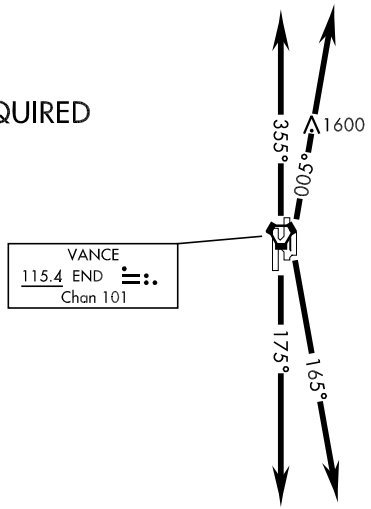
CATEGORY	A	B	C	D	E
LNAV MDA *	1680/40 387 (400-¾)			1680/50 387 (400-1)	
CIRCLING **	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

ELEV 1307
HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



ATIS★ 115.4 263.15
CLNC DEL
225.4
GND CON
121.8 289.4
VANCE TOWER★
124.05 259.1
VANCE DEP CON
120.525 306.3

RADAR REQUIRED



SC-1, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 17C/R: Track 175° climbing to 5000 or assigned altitude...

TAKE-OFF RWY 35 C/L: Track 355° climbing to 5000 or assigned altitude...

TAKE-OFF RWY 17L: Track 165° climbing to 5000 or assigned altitude...

TAKE-OFF RWY 35R: Track 005° climbing to 5000 or assigned altitude...

Expect radar vector to assigned route. Expect further clearance to filed altitude 10 minutes after departure.

VOR/DME-A

VORTAC END 115.4 Chan 101	APCH CRS 314°	Rwy ldg NA TDZE NA Arpt Elev 1307

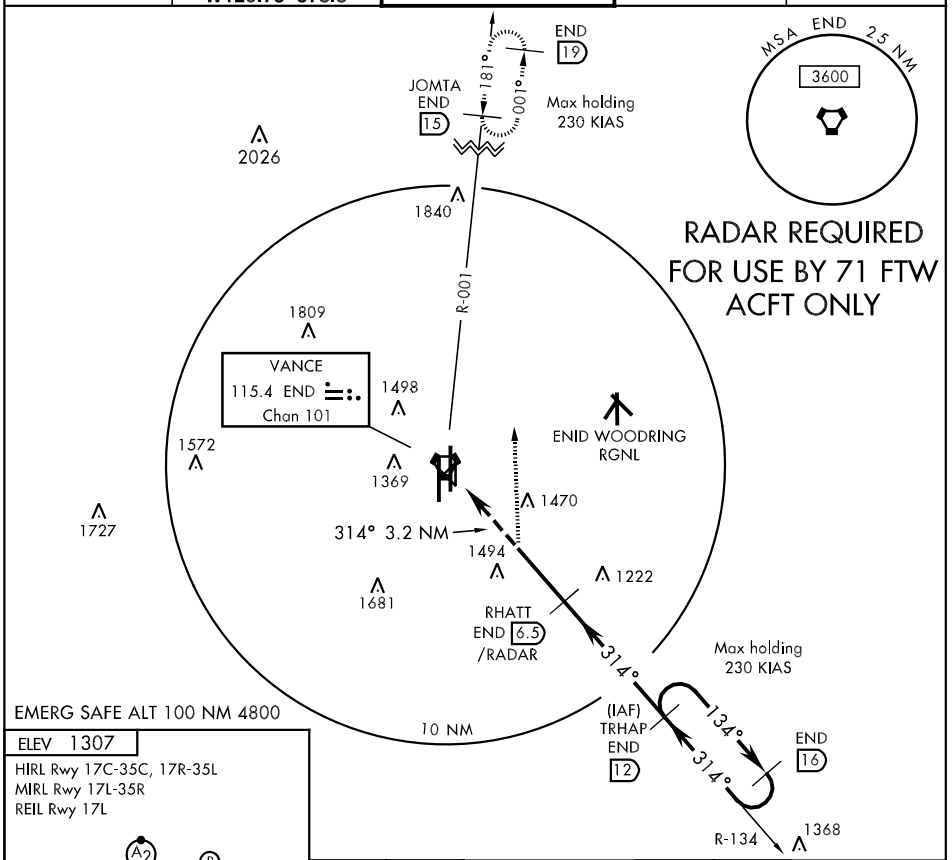
AL-135 [USAF]

VANCE AFB (KEND)

* Circle to remain East of Rwy 35R/17L extended centerline unless directed otherwise by ATC. Circling NA at night to Rwy 35R.

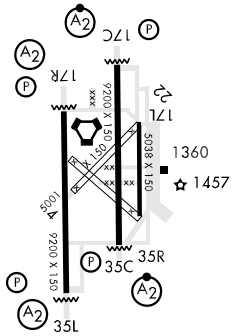
MISSED APPROACH: Immediate climbing right turn to 4000 via heading 353° to JOMTA and hold.

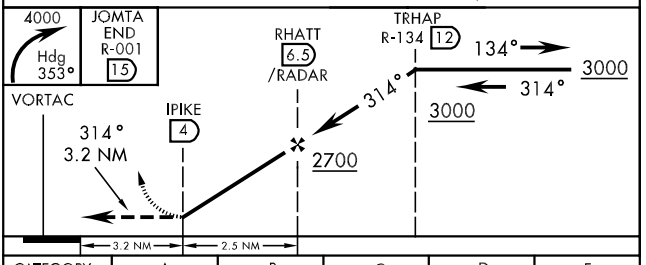
ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4



ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L





CATEGORY	A	B	C	D	E
CIRCLING *	1780-4	473 (500-4)	NOT AUTHORIZED		

VOR/DME-B

VORTAC END 115.4 Chan 101	APCH CRS 199°	Rwy ldg NA TDZE NA Arpt Elev 1307

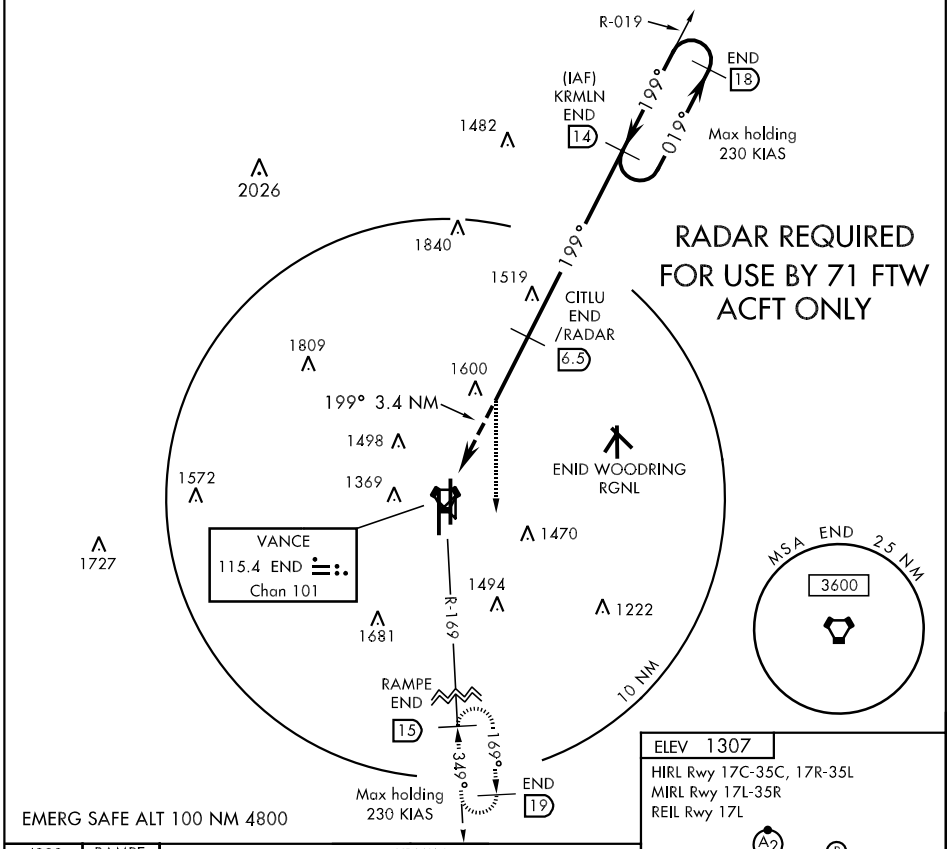
AL-135 [USAF]

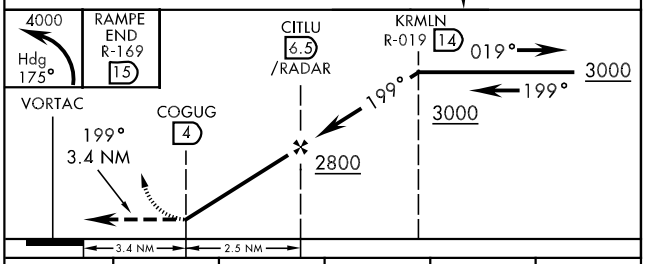
VANCE AFB (KEND)

* Circle to remain East of Rwy 35R/17L extended centerline unless directed otherwise by ATC. Circling NA at night to Rwy 35R.

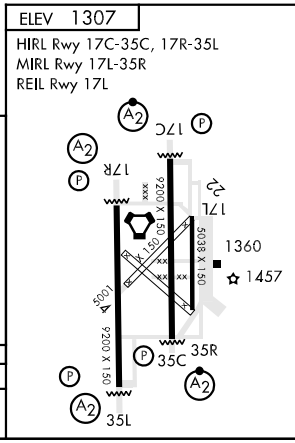
MISSED APPROACH: Immediate climbing left turn to 4000 via heading 175° to RAMPE and hold.

ATIS *	VANCE APP CON	VANCE TOWER *	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W121.3 291.1	124.05 259.1	121.8 289.4	225.4





CATEGORY	A	B	C	D	E
CIRCLING *	1880-4	573 (600-4)	NOT AUTHORIZED		



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME or TACAN RWY 17C

VORTAC END	APCH CRS	Rwy ldg 9202
115.4	182°	TDZE 1277
Chan 101		Arpt Elev 1307

AL-135 [USAF]

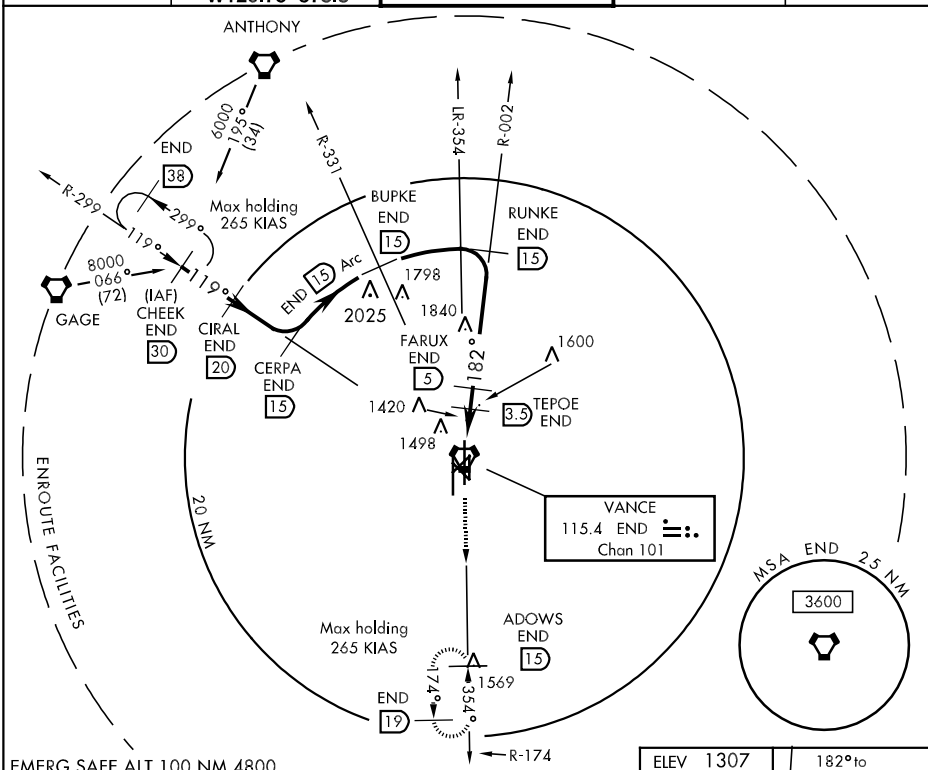
VANCE AFB (KEND)

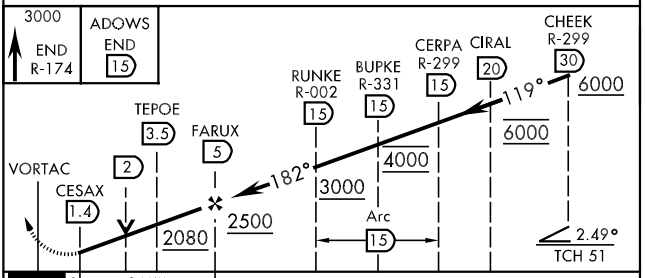
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized at night to Rwy 35R.

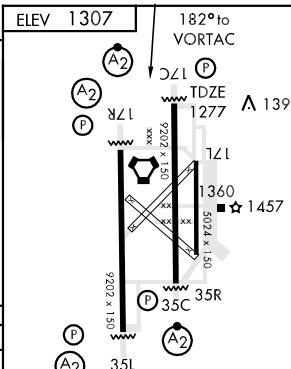
SALSF

MISSED APPROACH: Climb to 3000, intercept END VORTAC R-174 to ADOWS and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4







CATEGORY	A	B	C	D	E
S-17C *	1680/40	403 (400-¾)	1680/50	403 (400-1)	1680/60 403 (400-1¼)
CIRCLING **	1760-1	453 (500-1)	1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L

VOR/DME or TACAN RWY 17R

VORTAC END	APCH CRS	Rwy ldg	9202
115.4	162°	TDZE	1285
Chan 101		Arpt Elev	1307

AL-135 [USAF]

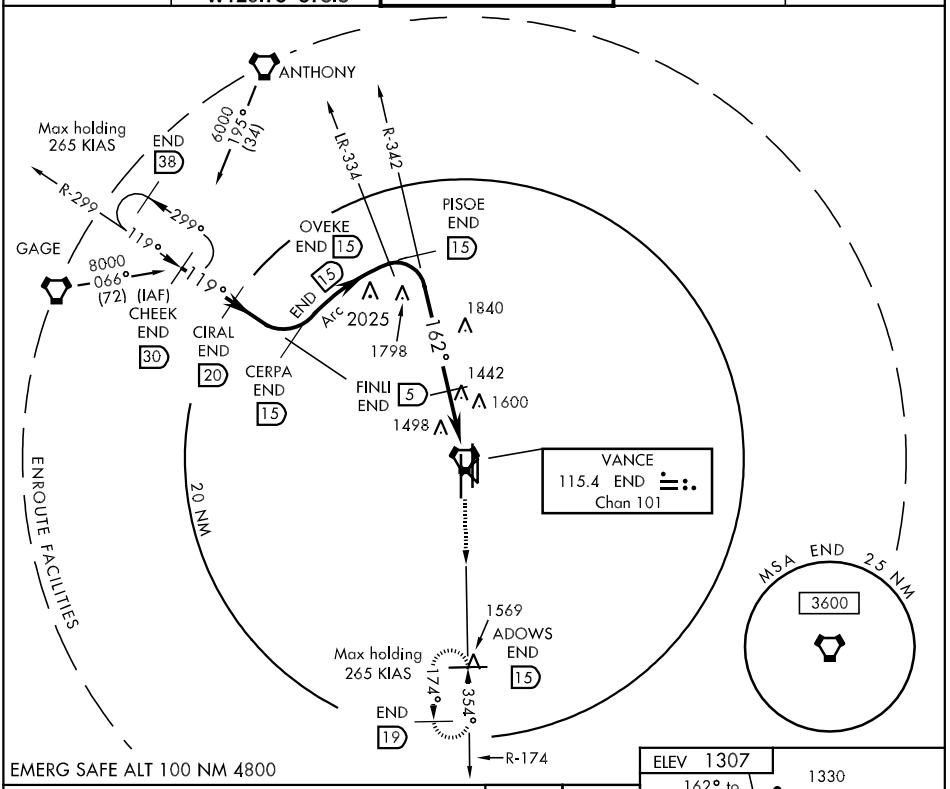
VANCE AFB (KEND)

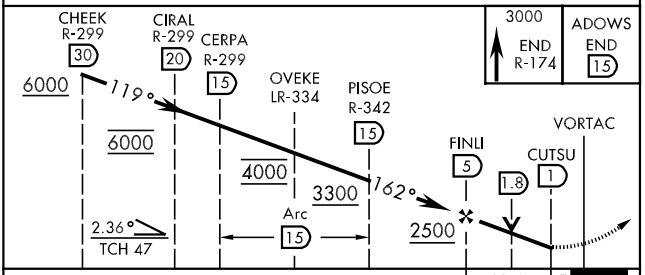
* When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1¼ miles, CAT DE vis to 1½ miles.
** Circling not authorized at night to Rwy 35R.

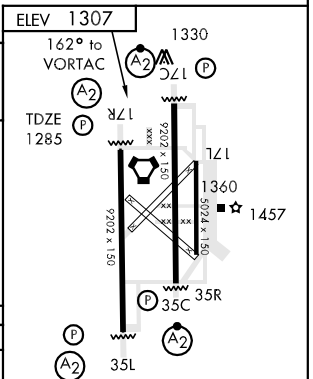
SALS A2

MISSED APPROACH: Climb to 3000, intercept END VORTAC R-174 to ADOWS and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4







CATEGORY	A	B	C	D	E
S-17R *	1720-¾ 435 (500-¾)		1720-1 435 (500-1)	1720-1¼ 435 (500-1¼)	
CIRCLING **	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

VOR/DME or TACAN RWY 35C

VORTAC END	APCH CRS	Rwy ldg 9202
115.4	349°	TDZE 1293
Chan 101		Arpt Elev 1307

AL-135 [USAF]

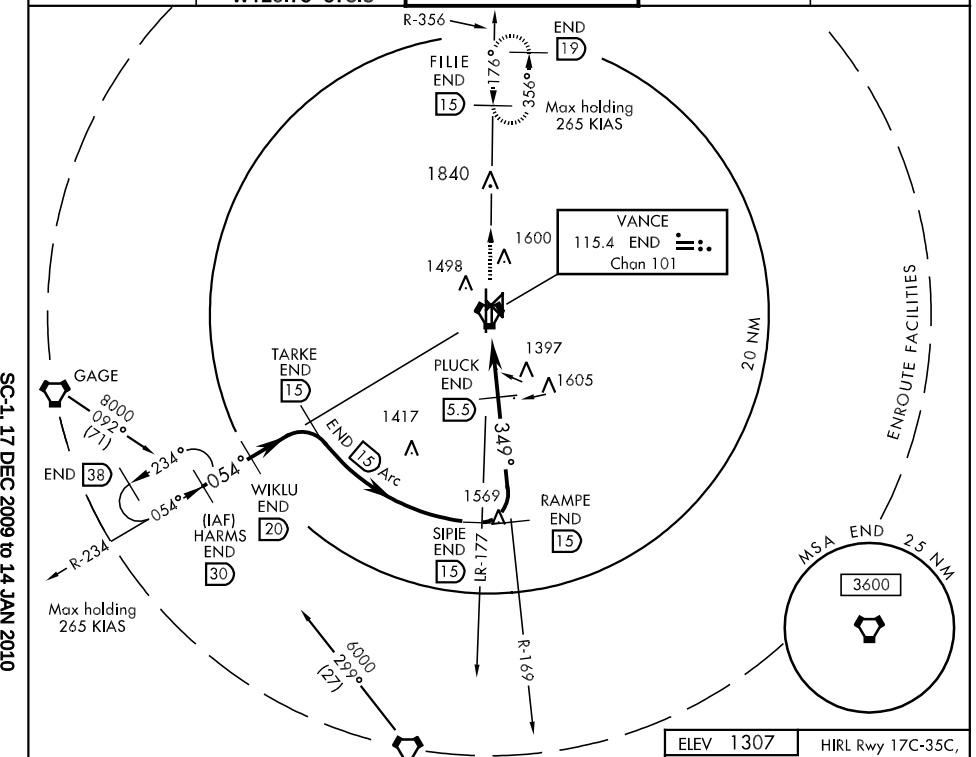
VANCE AFB (KEND)

▼ * When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.
** Circling not authorized at night to Rwy 35R.

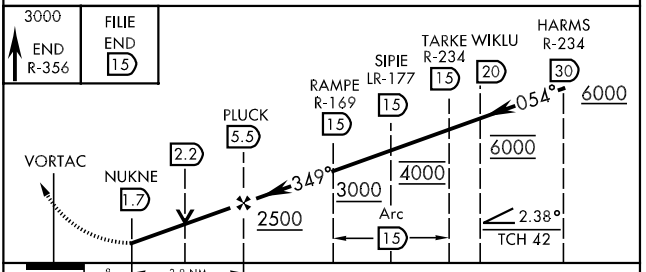
SALSF (A2)

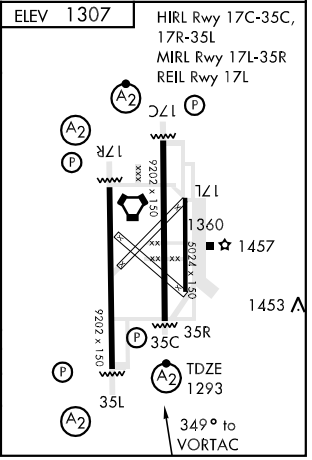
MISSED APPROACH: Climb to 3000, intercept END VORTAC R-356 to FILIE and hold.

ATIS ★	VANCE APP CON	VANCE TOWER ★	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4



EMERG SAFE ALT 100 NM 4800





CATEGORY	A	B	C	D	E
S-35C *	1680/40 387 (400-¾)			1680/50 387 (400-1)	
CIRCLING **	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

ENID, OKLAHOMA

VOR/DME or TACAN RWY 35L

VORTAC END	APCH CRS	Rwy ldg 9202
115.4	003°	TDZE 1307
Chan 101		Arpt Elev 1307

AL-135 [USAF]

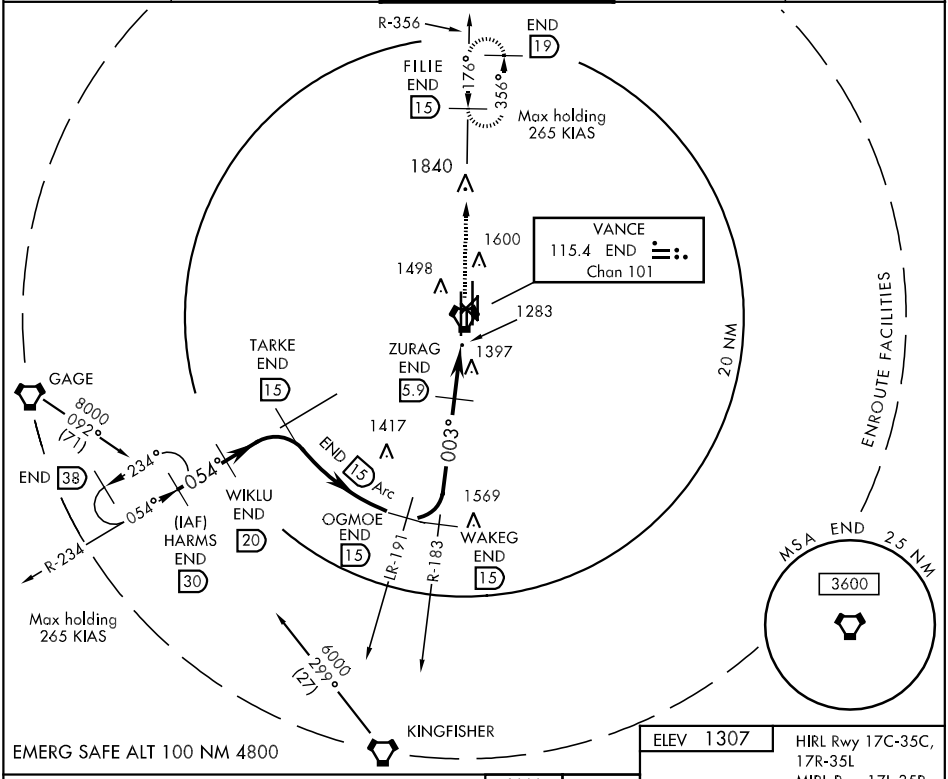
VANCE AFB (KEND)

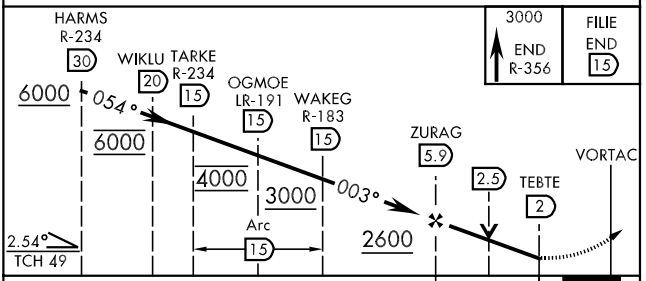
▼ * When ALS inop, increase CAT ABC vis to 1 mile, CAT DE vis to 1¼ miles.
** Circling not authorized at night to Rwy 35R.

SALS (A2)

MISSED APPROACH: Climb to 3000, intercept END VORTAC R-356 to FILIE and hold.

ATIS *	VANCE APP CON	VANCE TOWER *	GND CON	CLNC DEL
115.4 263.15	E125.45 388.2 W126.75 378.8	124.05 259.1	121.8 289.4	225.4

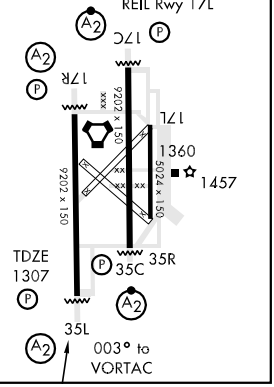




CATEGORY	A	B	C	D	E
S-35L *	1680-¾ 373 (400-¾)			1680-1 373 (400-1)	
CIRCLING **	1760-1 453 (500-1)		1760-1½ 453 (500-1½)	1860-2 553 (600-2)	2300-3 993 (1000-3)

ELEV 1307

HIRL Rwy 17C-35C, 17R-35L
MIRL Rwy 17L-35R
REIL Rwy 17L



ENID, OKLAHOMA

36° 20'N-97° 55'W

VANCE AFB (KEND)

Orig 09183

VOR/DME or TACAN RWY 35L

SC-1, 17 DEC 2009 to 14 JAN 2010

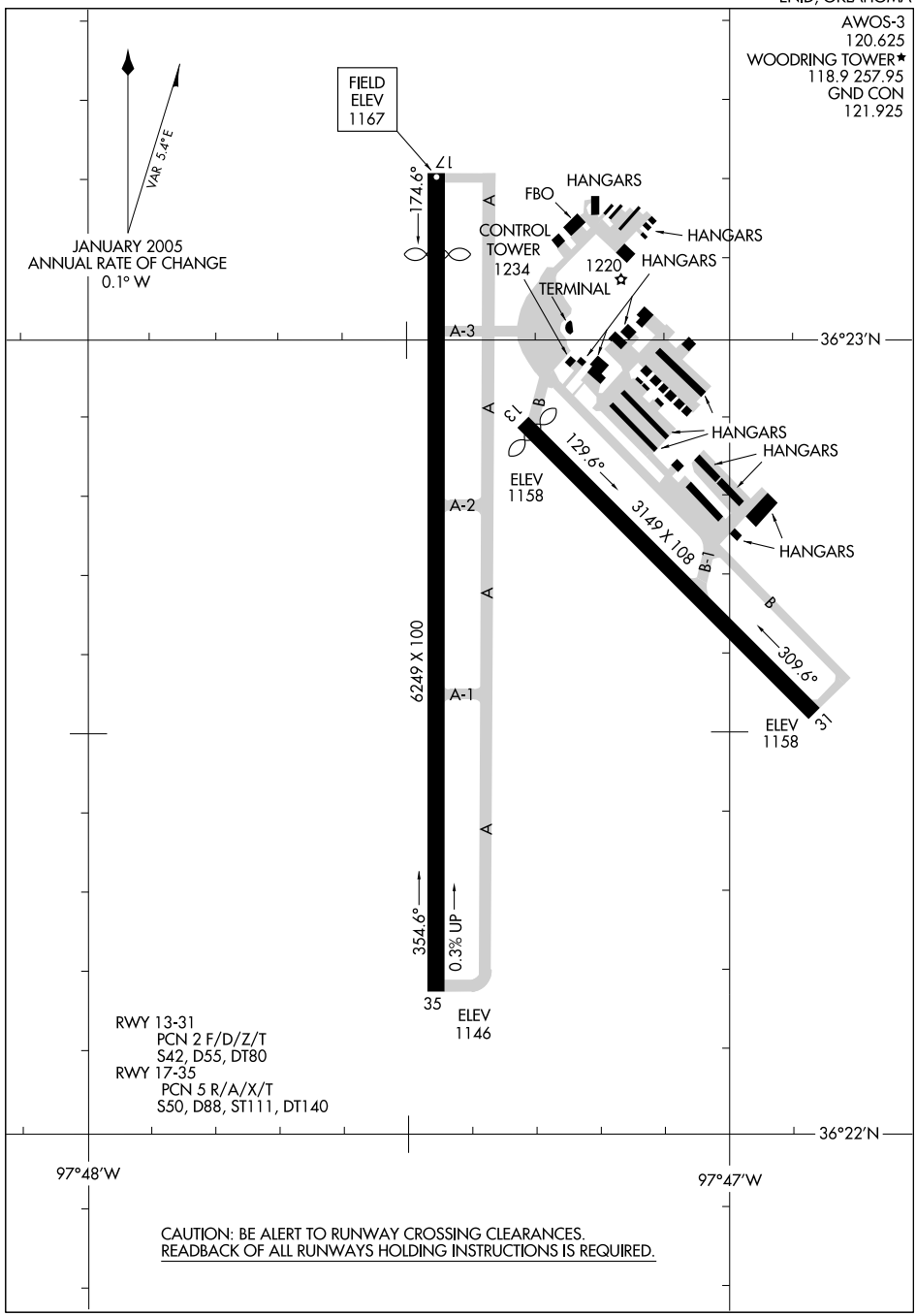
09239

AIRPORT DIAGRAM

AL-136 (FAA)

ENID WOODRING RGNL (WDG)

ENID, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-EIU	APP CRS	Rwy Idg	6249
108.3	355°	TDZE	1152
		Apt Elev	1167

ILS or LOC RWY 35

ENID WOODRING RGNL (WDG)

ADF required. When local altimeter setting not received, use Guthrie altimeter setting and increase all DA/MDA 100 feet, S-LOC Cat C/D visibility and Circling Cat C visibility ¼ mile. For inoperative MALSR, when using Guthrie altimeter setting, increase S-ILS 35 all Cats visibility to 1 mile, S-LOC 35 Cat C visibility to 1¼ and S-LOC Cat D visibility to 1½.

MALSR

MISSED APPROACH: Climb to 2500 then climbing right turn to 3100 direct GARFY LOM and hold.

AWOS-3	VANCE APP CON ★	WOODRING TOWER ★	GND CON	UNICOM
120.625	119.775 378.8	118.9 L 257.95	121.925	122.95

ANTHONY 112.9 ANY Chan 76

PIONEER 113.2 PER Chan 79

3100 to LOM 154° (56)

3100 to LOM 221° (41.6)

3600 212° (29.8)

1809 1577 1480 1380 1239 1184 1478 1460 1419

(IAF) PODDS ODG 12

LOCALIZER 108.3 I-EIU

R-087

WOODRING 109.0 ODG Chan 27

3100 173° (5.9)

IFI R-025

LOM/IAF GARFY 341 EI

ODG 5.9

A-562A

355° 175°

130°

3600 NoPT ODG 12 Arc

3100 355° (6.1)

MSA EI 25 NM 3600

(IF) YOBUL ODG 12

ODG R-173

LR-163

10 NM

3600 NoPT 355° (3.9)

ALTERNATE MISSED APCH FIX GARFY ODG 5.9

109.0 ODG Chan 27

355° 175° R-175

KINGFISHER 114.7 IFI Chan 94

R-021 175°

(IAF) KJACK INT

3600 021° (20.9)

3600 342° (45.8)

WILL ROGERS 114.1 IRW Chan 88

ELEV 1167 D

1209 1184 1176 1191 1217 1234 1205 1188 1175 1167±

6249 X 100

3149 X 108

0.3% UP

TDZE 1152

35

355° 5.7 NM from FAF

REIL Rwy 17

MIRL Rwy 13-31

MIRL Rwy 17-35 L

2500	3100	EI
		341

VGSI and ILS glidepath not coincident.

LOM ODG 5.9

Remain within 10 NM

175° 3042 355° 3100

GS 3.00° TCH 60

MM 1352 3100

0.5 5.2 NM

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
S-ILS 35	1352-½ 200 (200-½)			
S-LOC 35	1520-½ 368 (400-½)			1520-¾ 368 (400-¾)
CIRCLING	1720-1 553 (600-1)		1720-1½ 553 (600-1½)	1720-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50213 W17A	APP CRS 175°	Rwy Idg 5638 TDZE 1165 Apt Elev 1167

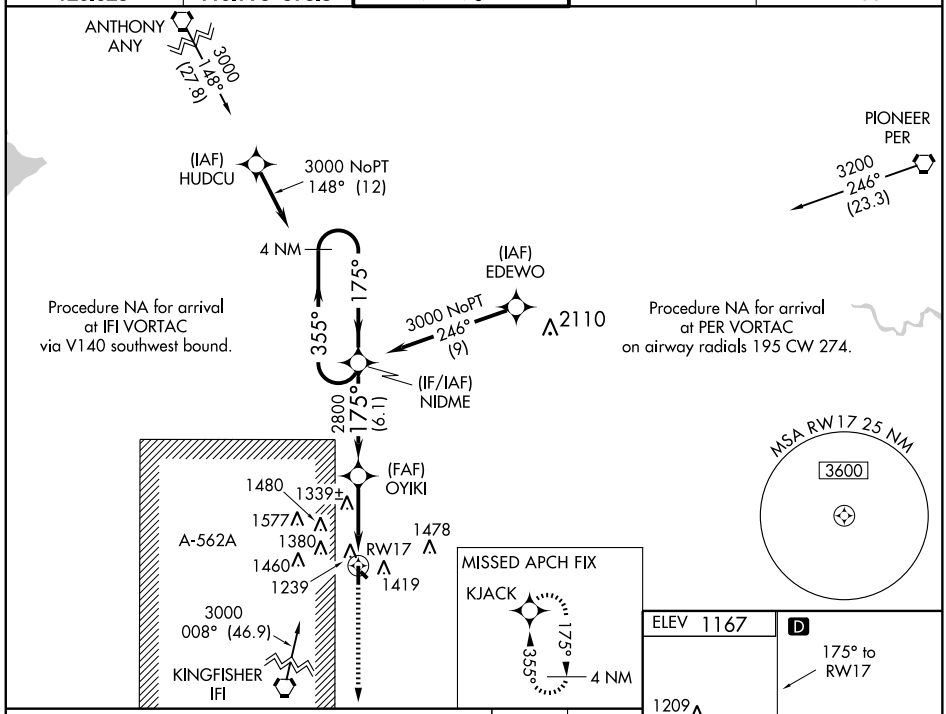
RNAV (GPS) RWY 17

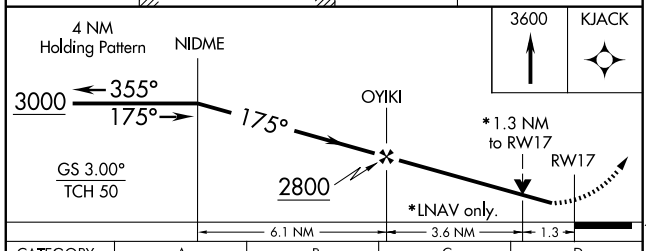
ENID WOODRING RGNL (WDG)

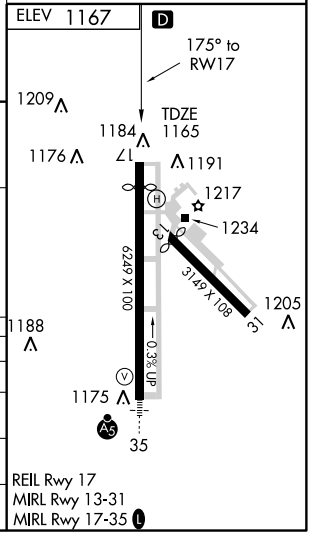
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Guthrie altimeter setting and increase all DA 98 feet and all MDA 100 feet; increase LPV all Cats visibility to 1¼ miles, LNAV/VNAV all Cats visibility to 1¾ miles, LNAV Cat C visibility to 1½ miles, LNAV Cat D visibility to 1¾ miles and Circling Cat C visibility to 1¾ miles. Baro-VNAV and VDP NA when using Guthrie altimeter setting.

MISSED APPROACH: Climb to 3600 direct KJACK and hold.

AWOS-3	VANCE APP CON ★	WOODRING TOWER ★	GND CON	UNICOM
120.625	119.775 378.8	118.9 (CTAF) L 257.95	121.925	122.95







CATEGORY	A	B	C	D
LPV DA	1415-¾ 250 (300-¾)			
LNAV/VNAV DA	1594-1½ 429 (500-1½)			
LNAV MDA	1640-1 475 (500-1)		1640-1¼ 475 (500-1¼)	1640-1½ 475 (500-1½)
CIRCLING	1720-1 553 (600-1)		1720-1½ 553 (600-1½)	1720-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97413 W35A	APP CRS 355°	Rwy Idg 6249 TDZE 1152 Apt Elev 1167

RNAV (GPS) RWY 35

ENID WOODRING RGNL (WDG)

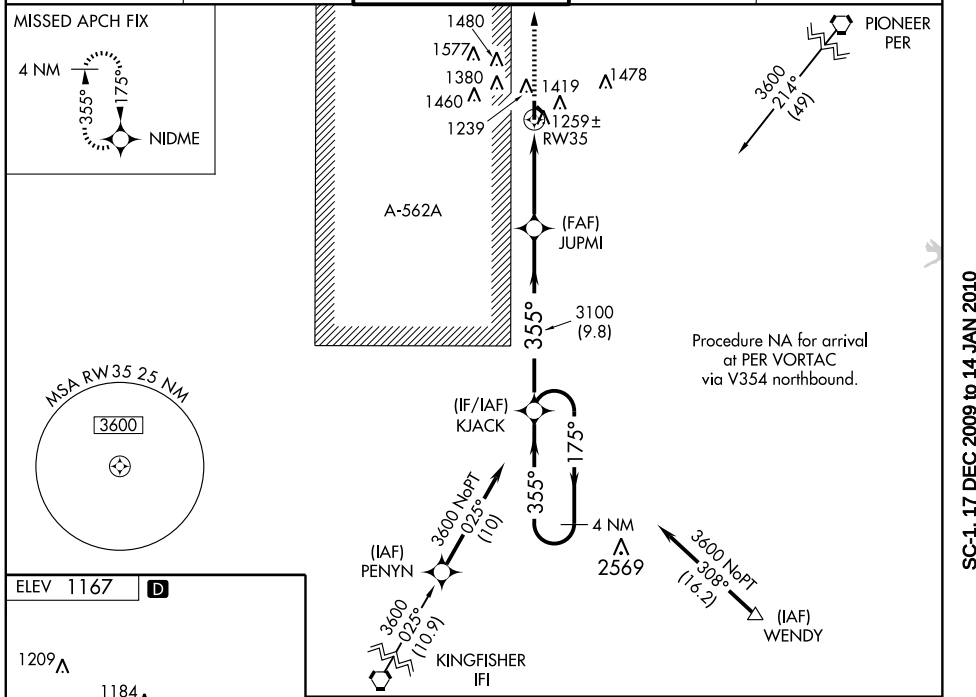
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Guthrie altimeter setting and increase all DA 98 feet and all MDA 100 feet; increase LNAV/VNAV all Cats visibility to 1¼ miles, LNAV Cat C visibility to 1 mile and Circling Cat C visibility to 1¾ miles. Baro-VNAV and VDP NA when using Guthrie altimeter setting. For inoperative MALSR, increase LNAV Cat D visibility to 1¼ miles. For inoperative MALSR, when using Guthrie altimeter setting, increase LPV all Cats visibility to 1 mile, LNAV/VNAV all Cats visibility to 1¾ miles and LNAV Cats C and D visibility to 1½ miles.

MALSR

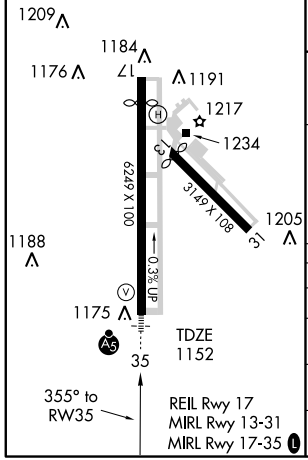
MISSED APPROACH: Climb to 3000 direct NIDME and hold.

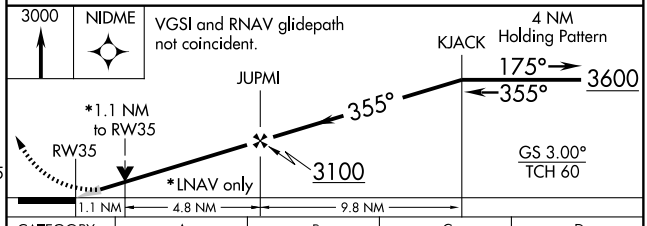
AWOS-3	VANCE APP CON ★	WOODRING TOWER ★	GND CON	UNICOM
120.625	119.775 378.8	118.9 (CTAF) L 257.95	121.925	122.95

MISSED APCH FIX



ELEV 1167 D





CATEGORY	A	B	C	D
LPV DA	1352-½ 200 (200-½)			
LNAV/VNAV DA	1529-¾ 377 (400-¾)			
LNAV MDA	1560-½ 408 (400-½)		1560-¾ 408 (400-¾)	1560-1 408 (400-1)
CIRCLING	1720-1 553 (600-1)		1720-1½ 553 (600-1½)	1720-2 553 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME ODG 109.0 Chan 27	APP CRS 167°	Rwy Idg 5638 TDZE 1165 Apt Elev 1167

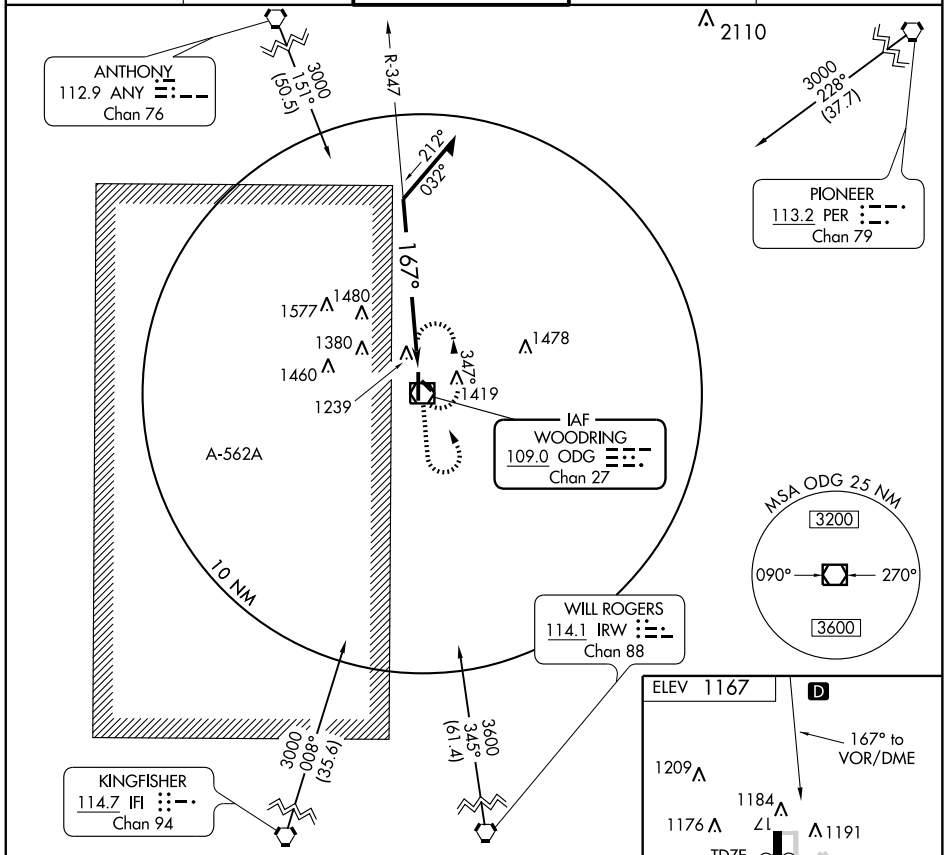
VOR RWY 17

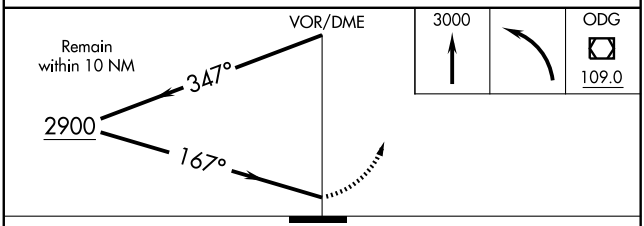
ENID WOODRING RGNL (WDG)

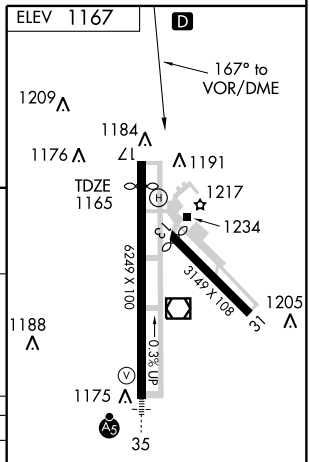
When local altimeter setting not received, use Guthrie altimeter setting and increase all MDA 100 feet, S-17 Cat C/D visibility and Circling Cat C/D visibility ¼ mile. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 then left turn direct ODG VOR/DME and hold.

AWOS-3	VANCE APP CON ★	WOODRING TOWER ★	GND CON	UNICOM
120.625	119.775 378.8	118.9 (CTAF) L 257.95	121.925	122.95







CATEGORY	A	B	C	D
S-17	1800-1	635 (700-1)	1800-1¾ 635 (700-1¾)	1800-2 635 (700-2)
CIRCLING	1800-1	633 (700-1)	1800-1¾ 633 (700-1¾)	1800-2 633 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME ODG	APP CRS	Rwy Idg	6249
109.0	357°	TDZE	1152
Chan 27		Apt Elev	1167

VOR RWY 35

ENID WOODRING RGNL (WDG)

When local altimeter setting not received, use Guthrie altimeter setting and increase all MDA 100 feet, S-35 Cat C/D visibility and Circling Cat C visibility ¼ mile. VDP NA when using Guthrie altimeter setting.

MALSR

MISSED APPROACH: Climb to 3000 then right turn direct ODG VOR/DME and hold.

AWOS-3	VANCE APP CON ★	WOODRING TOWER ★	GND CON	UNICOM
120.625	119.775 378.8	118.9 (CTAF) L 257.95	121.925	122.95

2025

ANTHONY
112.9 ANY
Chan 76

3000
151°
(50.5)

PIONEER
113.2 PER
Chan 79

3000
228°
(37.7)

IAF
WOODRING
109.0 ODG
Chan 27

1239
1480
1577
1380
1460
1419
1289±
177°

A-562A

357°
132°
312°
10 NM

R-177

MSA ODG 25 NM
3200
090° 270°
3600

WILL ROGERS
114.1 IRW
Chan 88

3600
345°
(61.4)

3000
008°
(35.6)

KINGFISHER
114.7 IFI
Chan 94

ELEV 1167 D

1209
1184
1176
1191
1217
1234
6249 X 100
3149 X 108
1205
1188
0.3% UP
1175
TDZE
1152
35
31
357° to
VOR/DME

REIL Rwy 17
MIRL Rwy 13-31
MIRL Rwy 17-35 L

VOR/DME
Remain within 10 NM
177°
ODG
1.5
2800
357°
1.3
0.2

3000
ODG
109.0

CATEGORY	A	B	C	D
S-35	1600-½	448 (500-½)	1600-¾ 448 (500-¾)	1600-1 448 (500-1)
CIRCLING	1720-1	553 (600-1)	1720-1½ 553 (600-1½)	1720-2 553 (600-2)

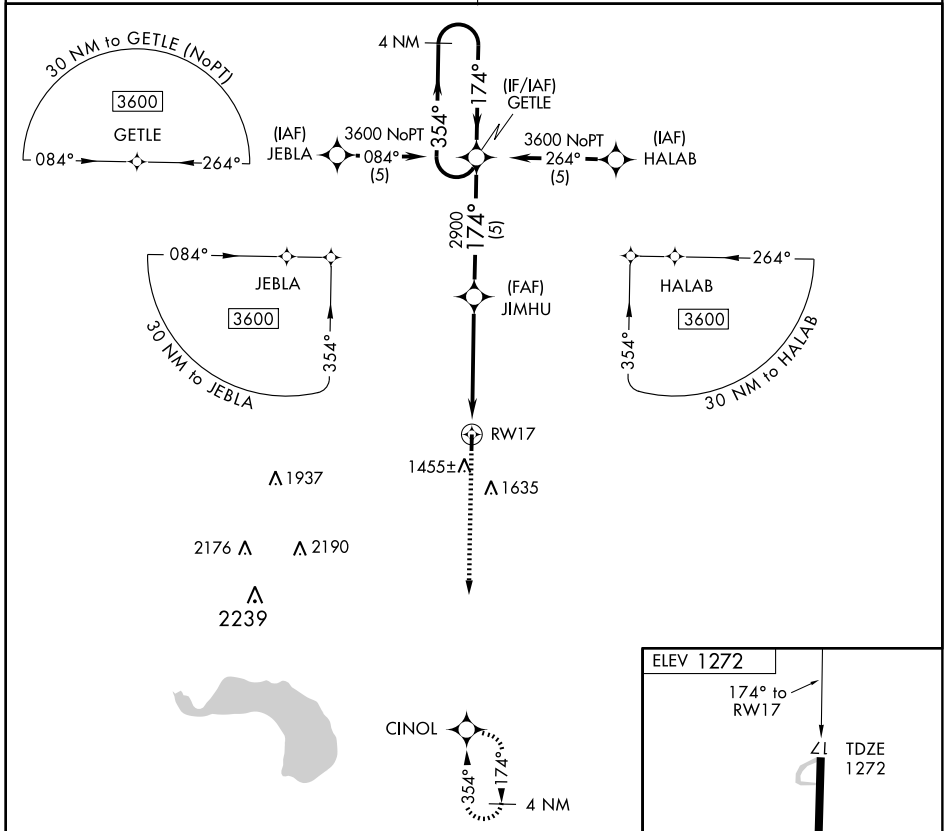
SC-1, 17 DEC 2009 to 14 JAN 2010

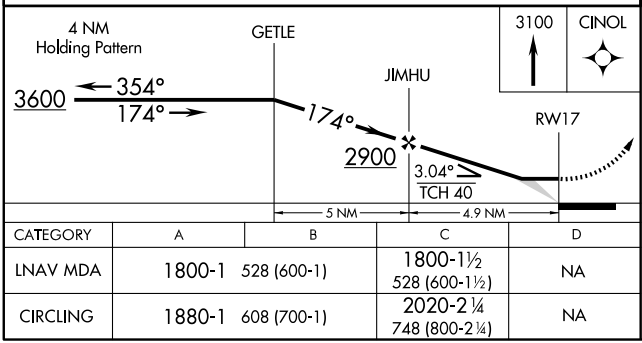
APP CRS	Rwy Idg	3620
174°	TDZE	1272
	Apt Elev	1272

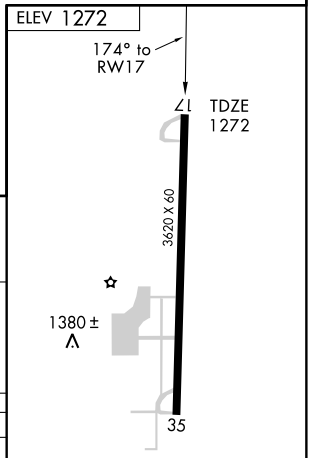
RNAV (GPS) RWY 17

FAIRVIEW MUNI (6K4)

Use Vance AFB altimeter setting. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 3100 direct CINOL WP and hold.
VANCE APP CON ★ **120.525 244.875**	UNICOM **122.8** (CTAF)



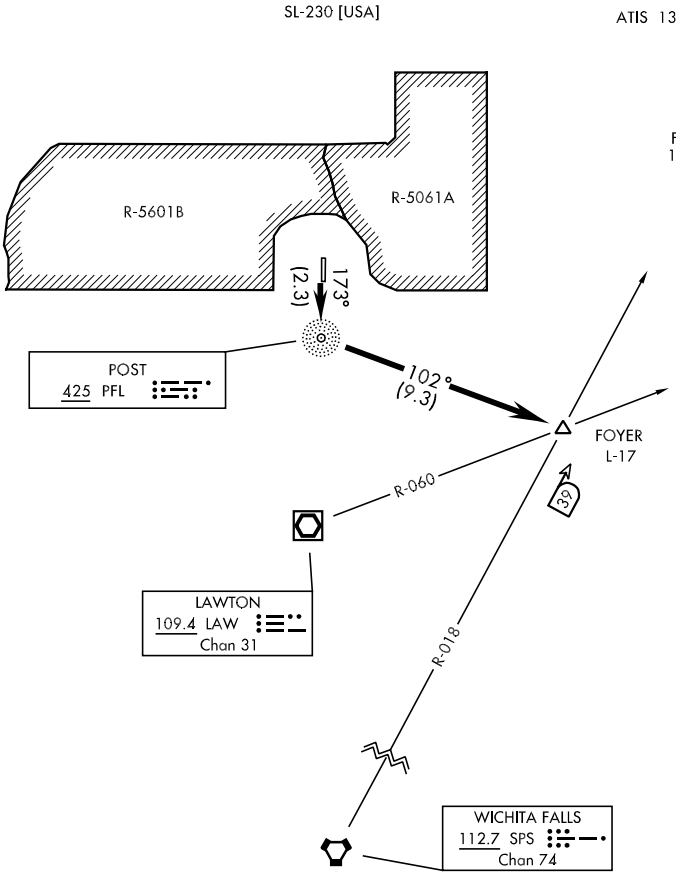




CATEGORY	A	B	C	D
LNAV MDA	1800-1	528 (600-1)	1800-1½ 528 (600-1½)	NA
CIRCLING	1880-1	608 (700-1)	2020-2¼ 748 (800-2¼)	NA

MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010



DEPARTURE ROUTE DESCRIPTION

Proceed direct to PFL NDB, thence via 102° mag brg from PFL NDB to FOYER INT, maintain (assigned altitude).

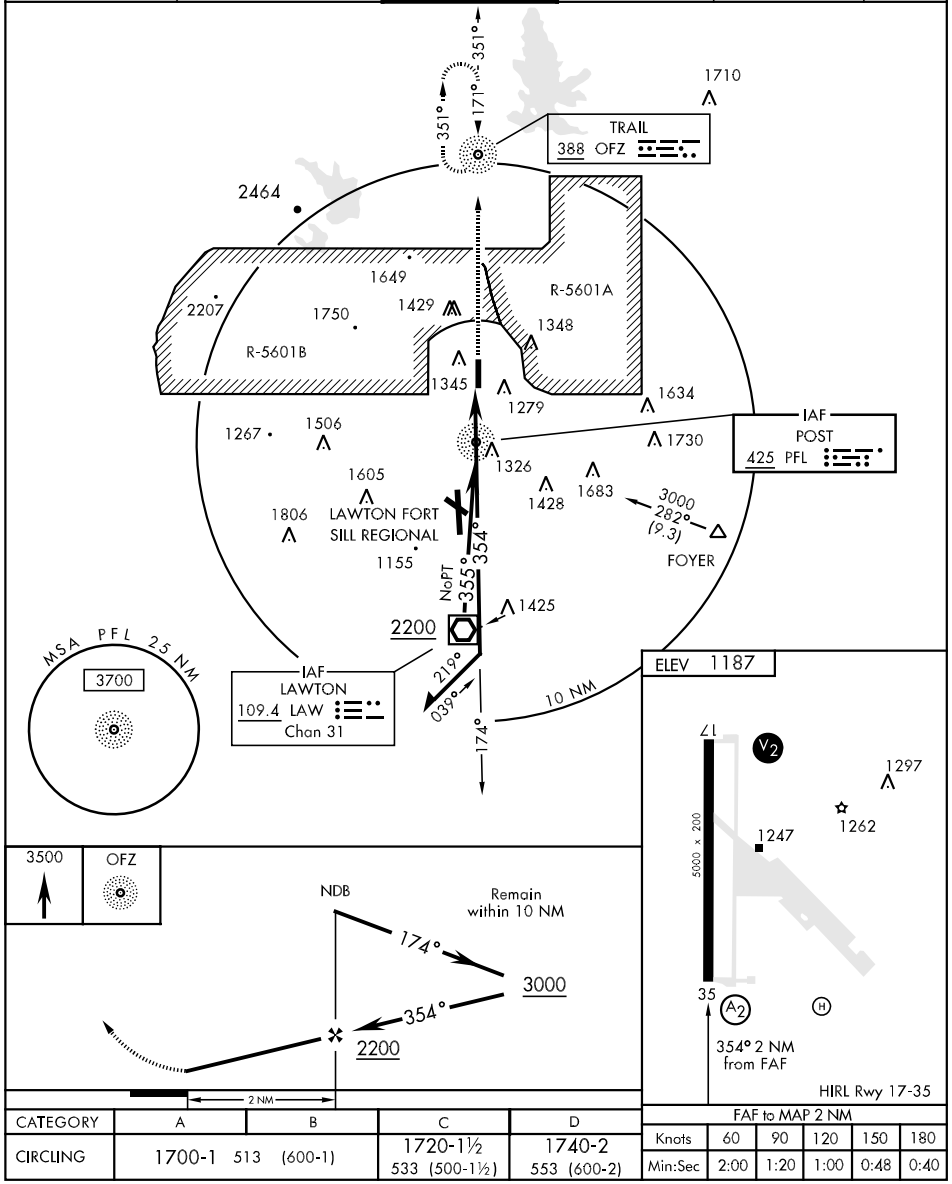
NDB-A

NDB PFL	APCH CRS	Rwy Idg / TDZE / Arpt Elev	AL-230 [USA]	HENRY POST AAF (KFSI)
425	354°	5000 / N/A / 1187		

When local altimeter setting not received, use Lawton-Fort Sill Rgnl altimeter.

MISSED APPROACH: Climb to 3500 direct to OFZ NDB and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	



CATEGORY	A	B	C	D
CIRCLING	1700-1 513 (600-1)		1720-1½ 533 (500-1½)	1740-2 553 (600-2)

FAF to MAP 2 NM					
Knots	60	90	120	150	180
Min:Sec	2:00	1:20	1:00	0:48	0:40

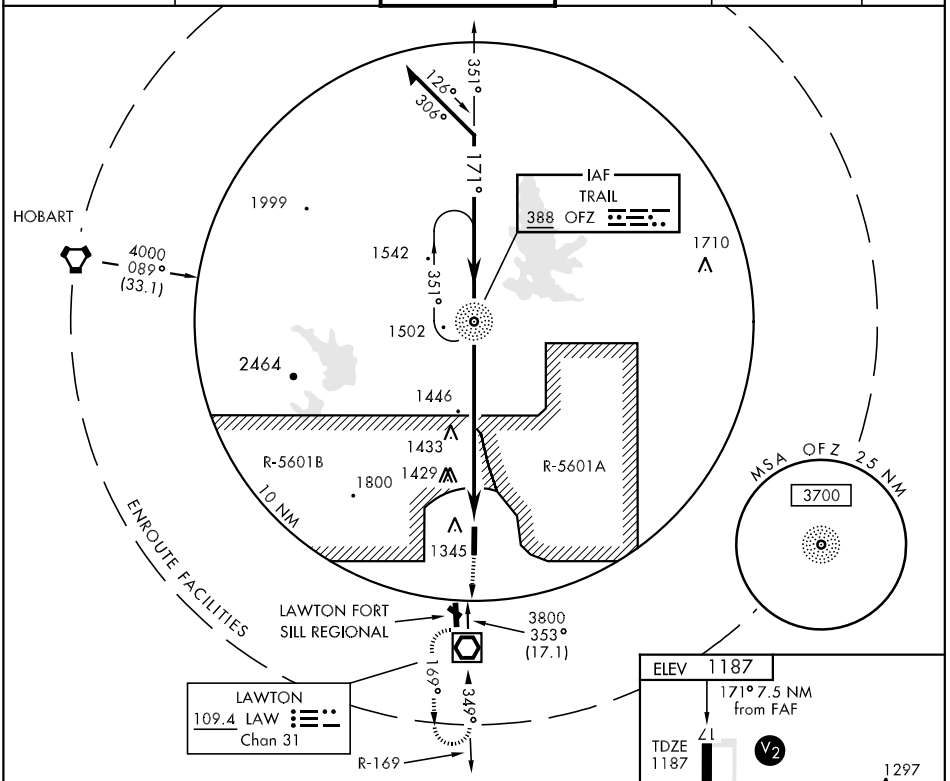
NDB RWY 17

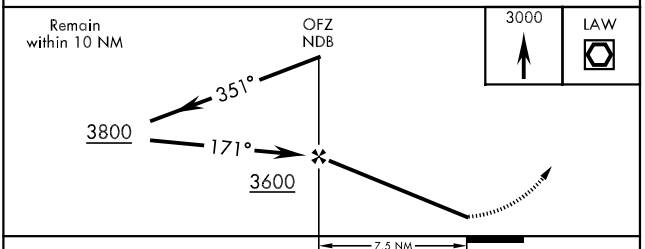
NDB OFZ	APCH CRS	Rwy Idg / TDZE / Arpt Elev	AL-230 [USA]	HENRY POST AAF (KFSI)
388	171°	5000 / 1187 / 1187		

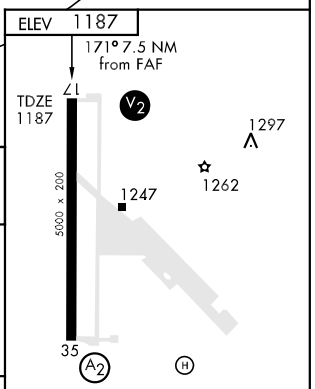
When local altimeter setting not received, use Lawton-Fort Sill Rgnl altimeter.

MISSED APPROACH: Climb straight ahead to 3000 direct to LAW VOR/DME and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	



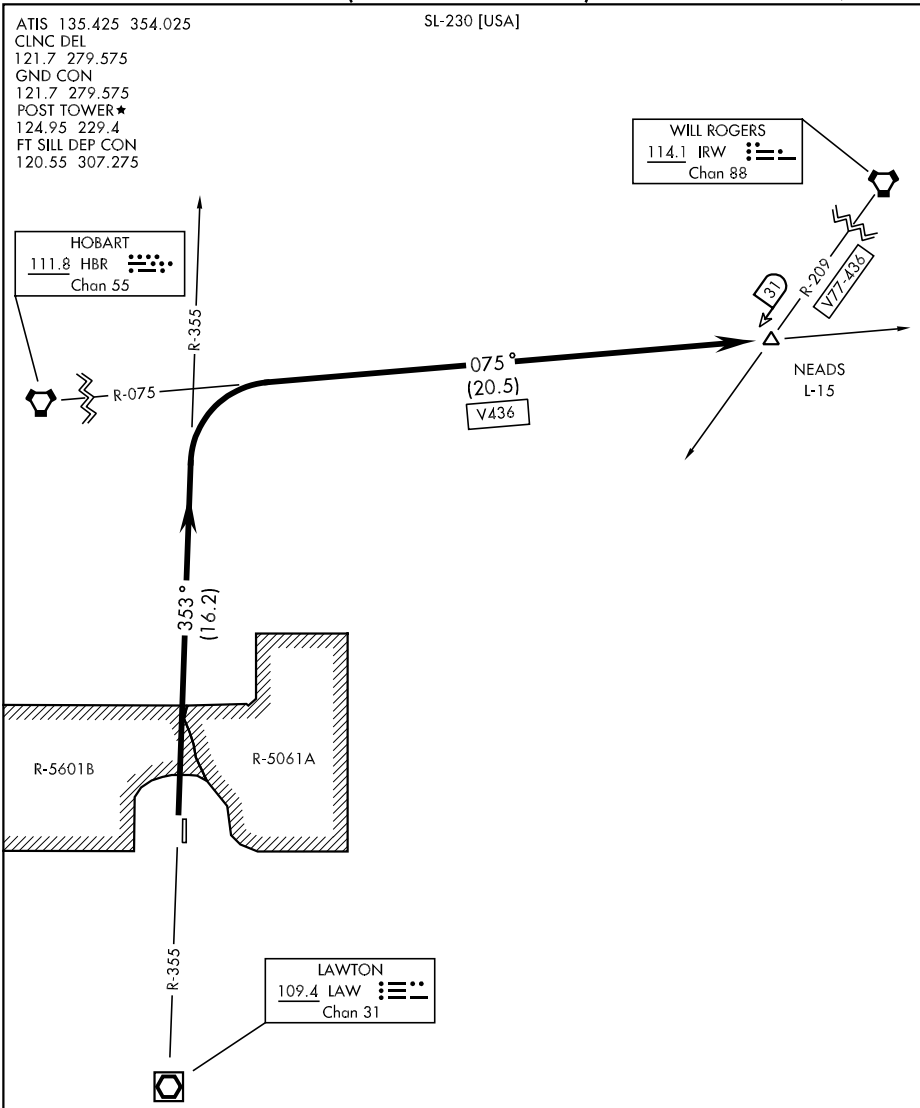




CATEGORY	A	B	C	D
S-17	1780-1 593 (600-1)		1780-1½ 593 (600-1½)	1780-1¾ 593 (600-1¾)
CIRCLING	1780-1 593 (600-1)		1780-1½ 593 (600-1½)	1780-2 593 (600-2)
S-PAR 17	1388-¾ 200		(200-¾) GS 3.00°	

HIRL Rwy 17-35

FAF to MAP 7.5 NM					
Knots	60	90	120	150	180
Min:Sec	7:30	5:00	3:45	3:00	2:30



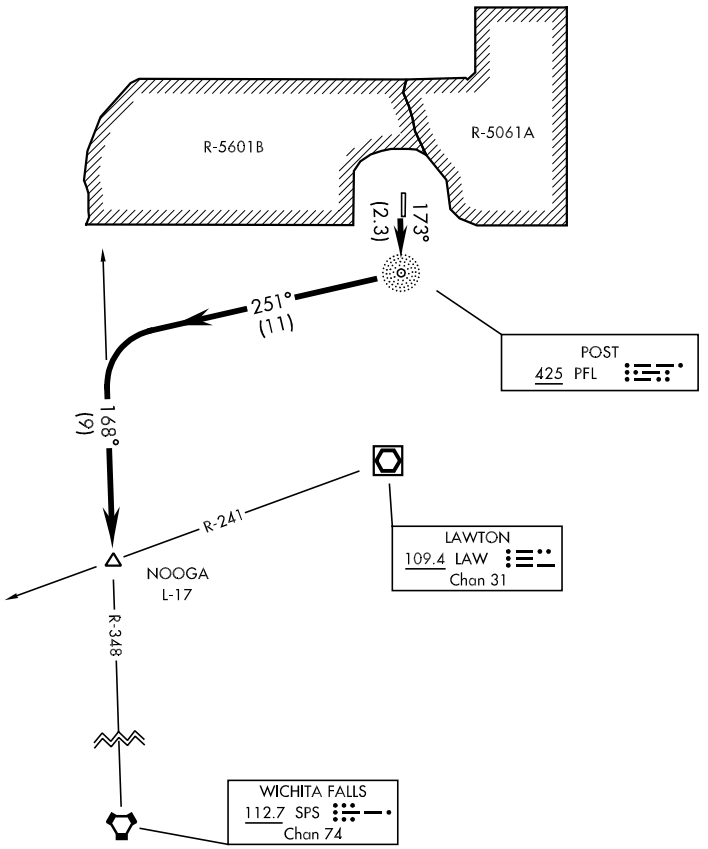
DEPARTURE ROUTE DESCRIPTION

Proceed via LAW R-353 and thence via HBR R-075 to NEADS INT, maintain (assigned altitude).

SC-1, 17 DEC 2009 to 14 JAN 2010

SL-230 [USA]

ATIS 135.425 354.025
CLNC DEL
121.7 279.575
GND CON
121.7 279.575
POST TOWER★
124.95 229.4
FT SILL DEP CON
120.55 307.275



DEPARTURE ROUTE DESCRIPTION

Proceed direct to PFL NDB, thence via 251° mag brg from PFL NDB to and via SPS R-348 to NOOGA INT, maintain (assigned altitude).

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 17

APCH CRS	Rwy ldg	5000
172°	TDZE	1187
	Arpt Elev	1187

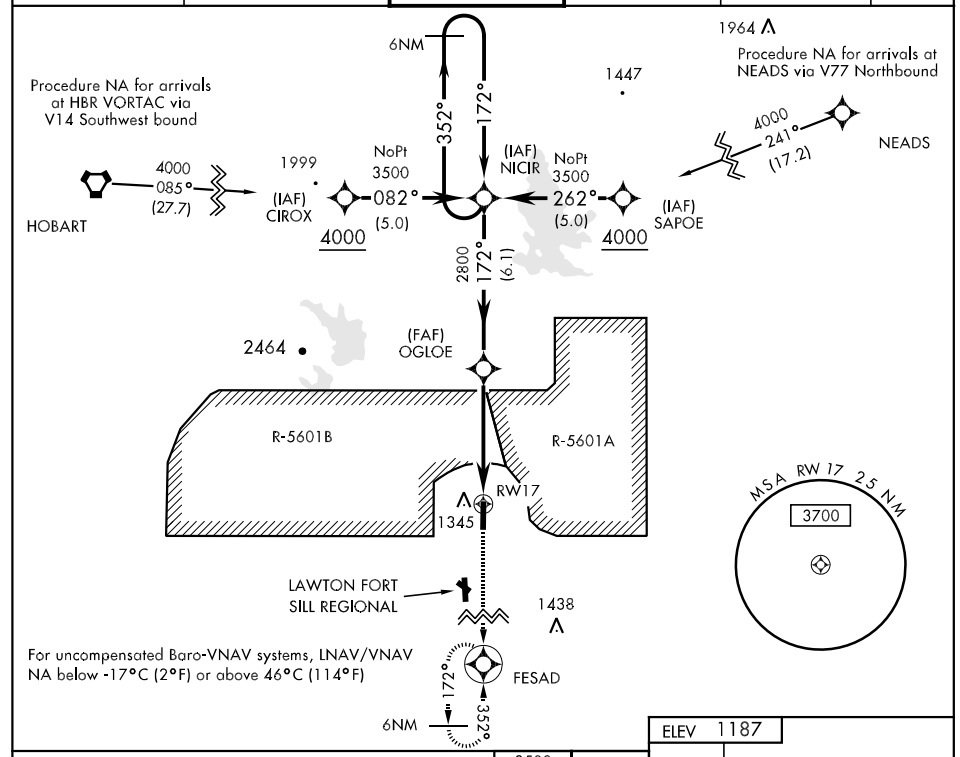
AL-230 [USA]

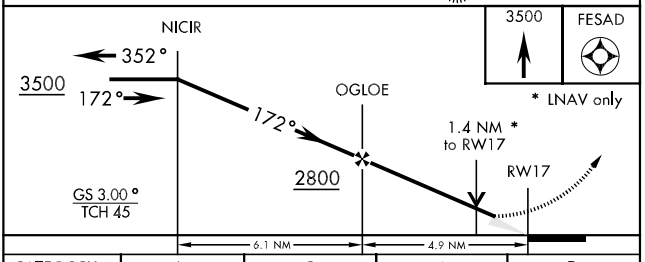
HENRY POST AAF (KFSI)

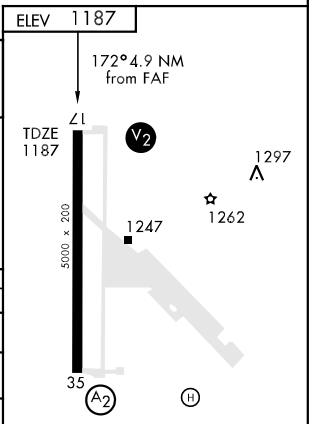
When local altimeter setting not recieved, use Lawton-Fort Sill Rgnl altimeter setting.
DME/DME RNP-0.3 NA

MISSED APPROACH: Climb to 3500 direct to FESAD and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	







CATEGORY	A	B	C	D
LNAV/VNAV DA	1742-2 555 (600-2)			
LNAV MDA	1680-1 493 (500-1)		1680-1¼ 493 (500-1¼)	1680-1½ 493 (500-1½)
CIRCLING	1700-1 513 (600-1)		1720-1½ 533 (600-1½)	1740-2 553 (600-2)
S-PAR 17	1388-¾ 200 (200-¾) GS 3.00°			

SC-1, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 35

APCH CRS	Rwy ldg	5000
352°	TDZE	1187
	Arpt Elev	1187

AL-230 [USA]

HENRY POST AAF (KFSI)

* When ALS inop, increase all CATs vis to 1¼ miles.
** When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1¼ miles, CAT D vis to 1½ miles..

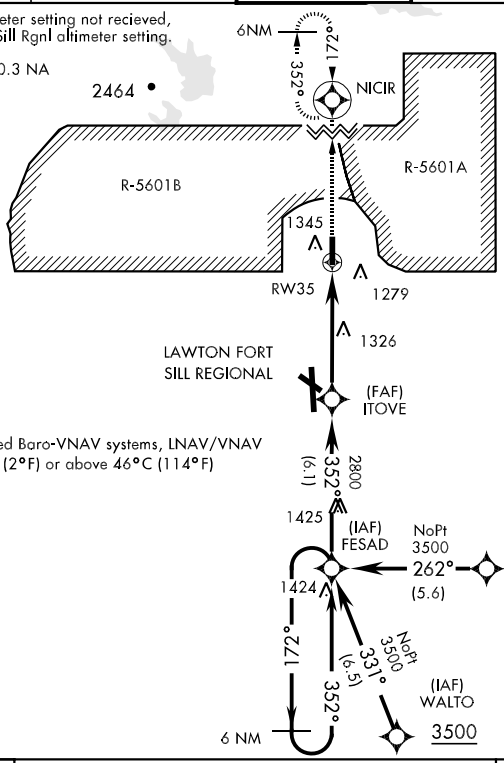
A2

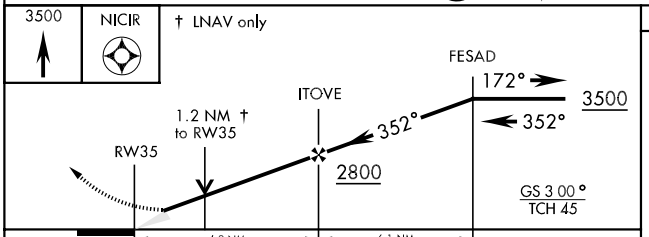
MISSED APPROACH: Climb to 3500 direct NICIR and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	

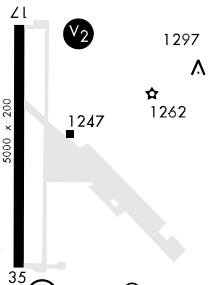
When local altimeter setting not recieved, use Lawton-Fort Sill Rgnl altimeter setting.

DME/DME RNP-0.3 NA





ELEV 1187



CATEGORY	A	B	C	D
LNAV/VNAV * DA	1512-1 325 (400-1)			
LNAV MDA **	1640-¾ 453 (500-¾)		1640-1 453 (500-1)	1640-1¼ 453 (500-1¼)
CIRCLING	1700-1 513 (600-1)		1720-1½ 533 (600-1½)	1740-2 553 (600-2)
S-PAR 35	1388/24 200 (200-½) GS 3.00°		1388/40 200 (200-¾) GS 3.00°	

VOR/DME RWY 17

VOR/DME LAW 109.4 Chan 31	APCH CRS 174°	Rwy ldg 5000 TDZE 1188 Arpt Elev 1187

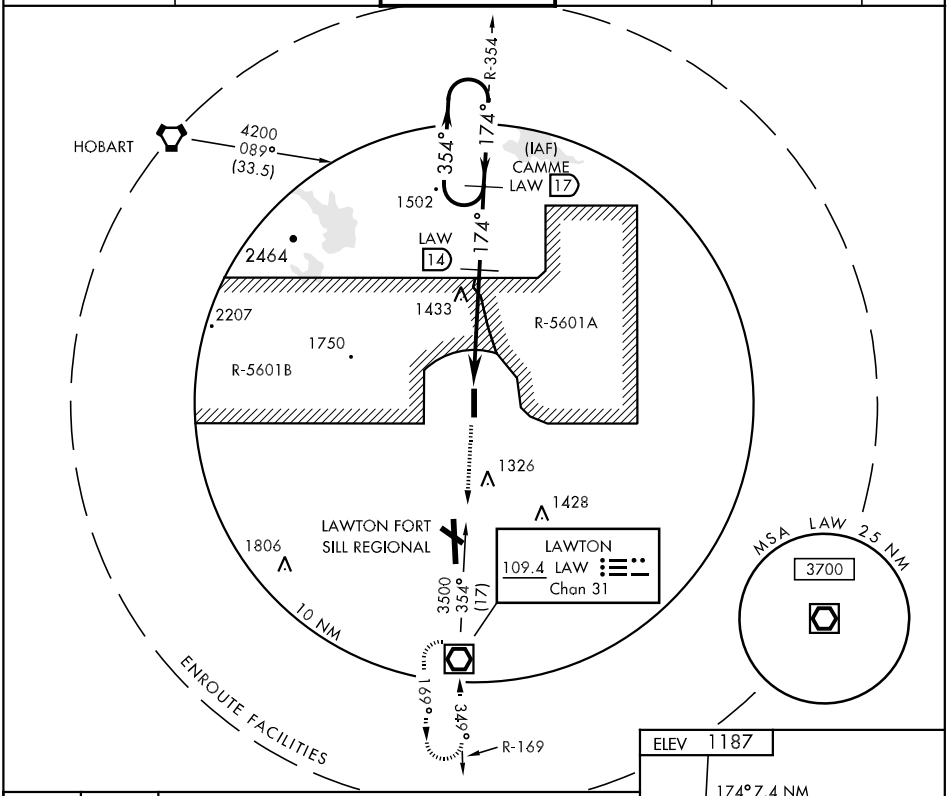
AL-230 [USA]

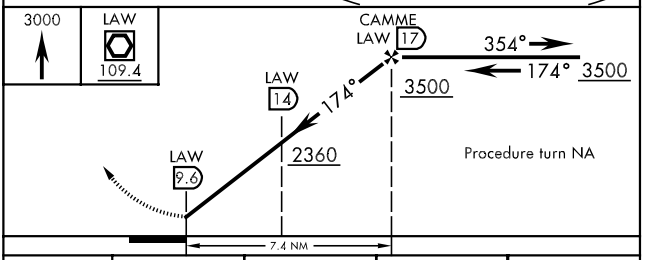
HENRY POST AAF (KFSI)

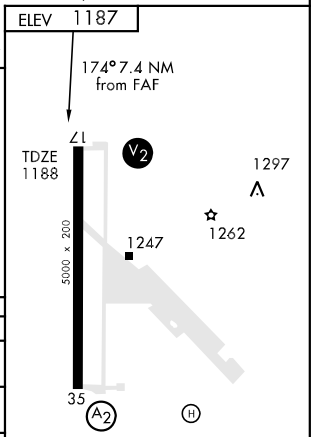
Radar required for holding above 6000', or speeds greater than 175 KIAS.

MISSED APPROACH: Climb straight ahead to 3000 direct to LAW VOR/DME and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	







CATEGORY	A	B	C	D
S-17	1700-1 512 (600-1)		1700-1½ 512 (600-1½)	1700-1¾ 512 (600-1¾)
CIRCLING	1700-1 512 (600-1)		1720-1½ 532 (600-1½)	1740-2 552 (600-2)
S-PAR 17	1388-¾ 200	(200-¾)	GS 3.00°	

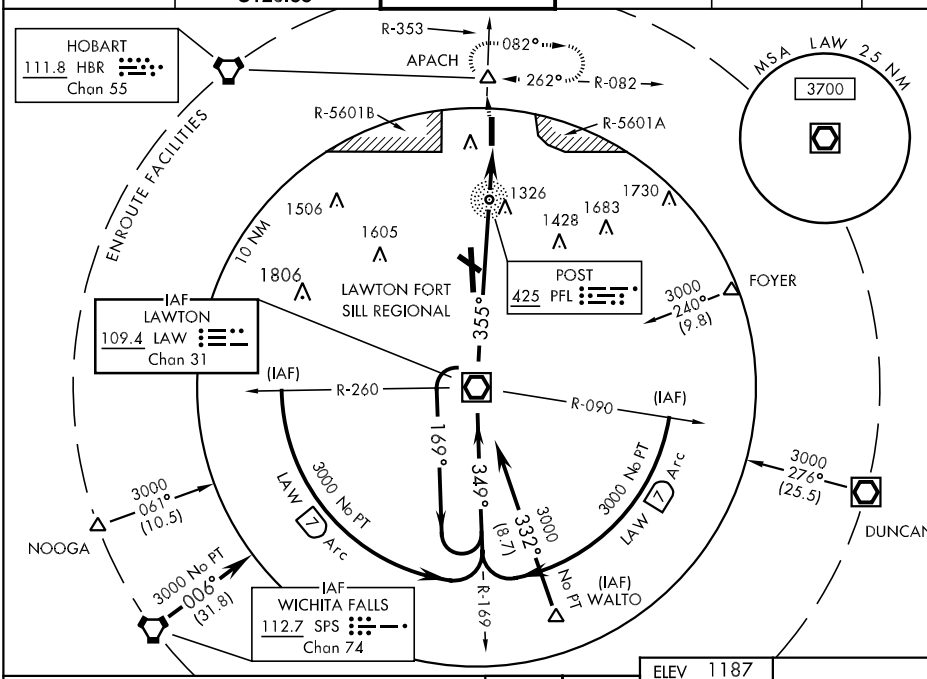
HIRL Rwy 17-35

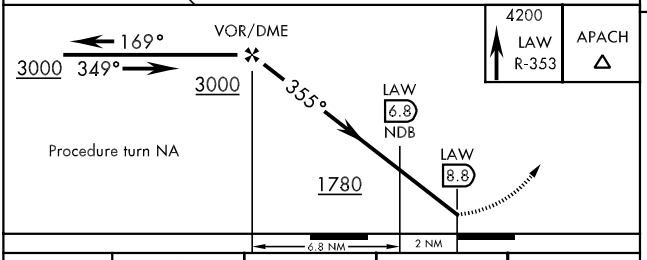
VOR RWY 35

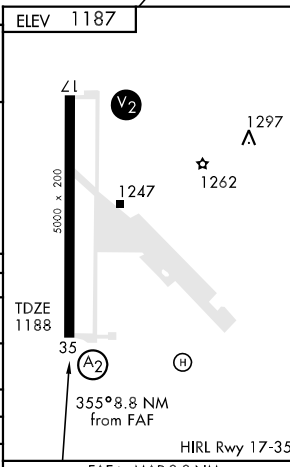
VOR/DME LAW 109.4 Chan 31	APCH CRS 355°	Rwy Idg 5000 TDZE 1188 Arpt Elev 1187	AL-230 [USA]	HENRY POST AAF (KFSI)

MISSED APPROACH: To 4200 out LAW VOR/DME R-353 to APACH INT and hold.

ATIS	FORT SILL APP CON	POST TOWER ★	GND CON	CLNC DEL	ASR/PAR
135.425 354.025	N127.3 307.275 S120.55	124.95 229.4	121.7 279.575	121.7 279.575	







CATEGORY	A	B	C	D
S-35	1780/40 592 (600-¾)		1780/60 592 (600-1¼)	1780-1½ 592 (600-1½)
CIRCLING	1780-1 592 (600-1)		1780-1½ 592 (600-1½)	1780-2 592 (600-2)
S-PAR 35	1388/24 200 (200-½)		1388/40 200 (200-¾) GS 3.00°	
DME/PFL NDB MINIMUMS				
S-35	1640/40 452 (500-¾)		1640/50 452 (500-1)	1640/60 452 (500-1¼)
CIRCLING	1680-1 492 (500-1)		1680-1½ 492 (500-1½)	1740-2 552 (600-2)

FAF to MAP 8.8 NM					
Knots	60	90	120	150	180
Min:Sec	8:48	5:52	4:24	3:31	2:56

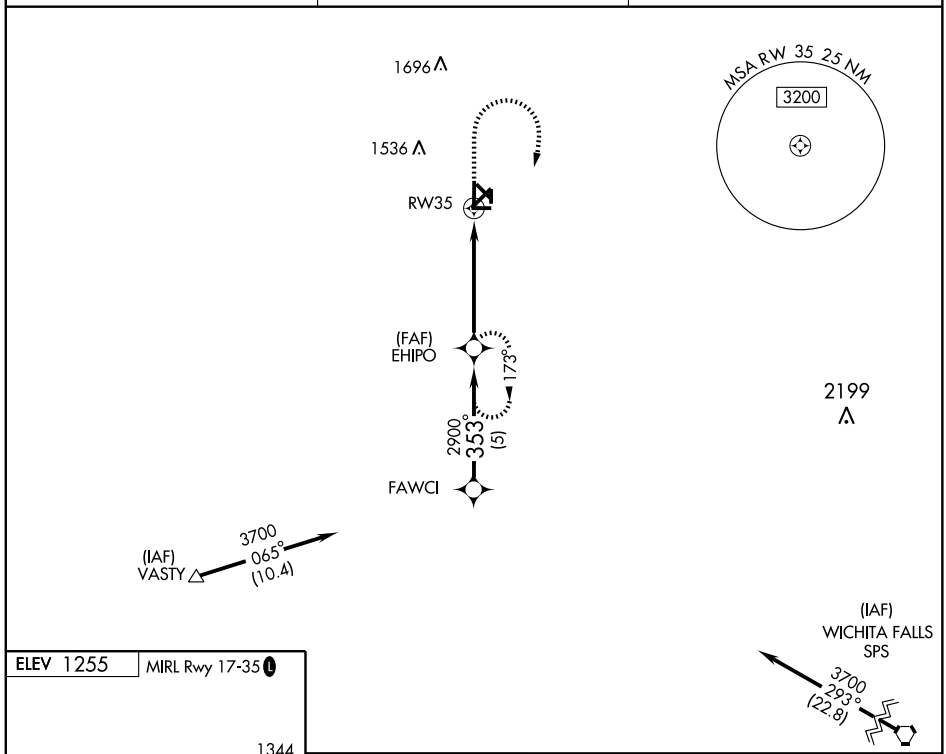
APP CRS		
353°	Rwy Idg	6099
	TDZE	1238
	Apt Elev	1255

GPS RWY 35
FREDERICK RGNL (FDR)

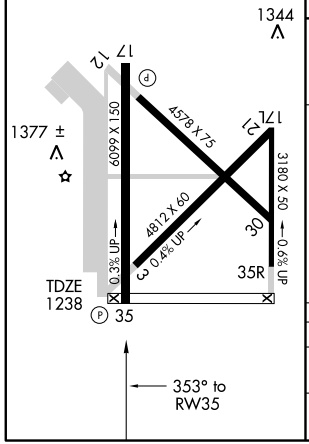
NA

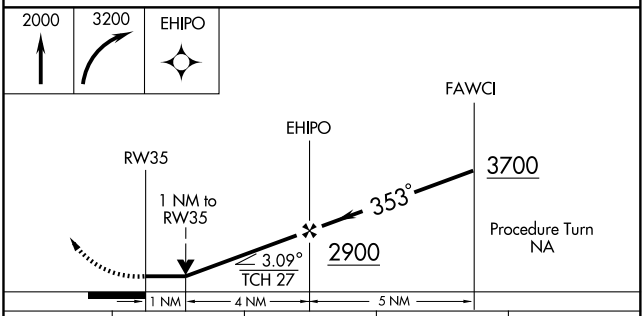
MISSED APPROACH: Climb to 2000 then climbing right turn to 3200 direct EHIPO and hold.

ASOS	ALTUS APP CON *	UNICOM
132.675	125.1 257.725	123.05 (CTAF) L



ELEV 1255 MIRL Rwy 17-35 L



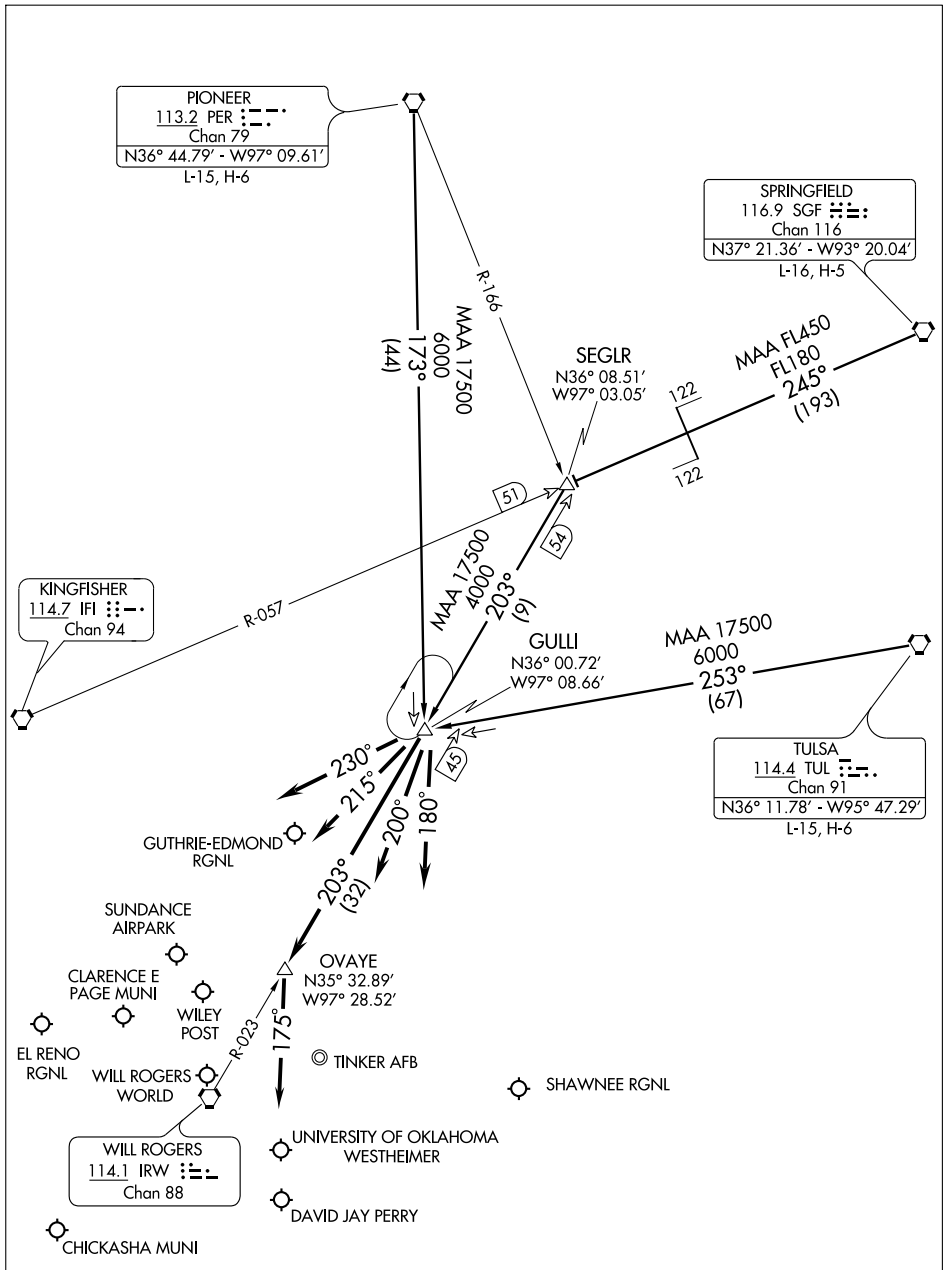


CATEGORY	A	B	C	D
S-35	1600-1 355 (400-1)			1600-1¼ 355 (400-1¼)
CIRCLING	1700-1 445 (500-1)	1720-1 465 (500-1)	1780-1½ 525 (600-1½)	1880-2 625 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

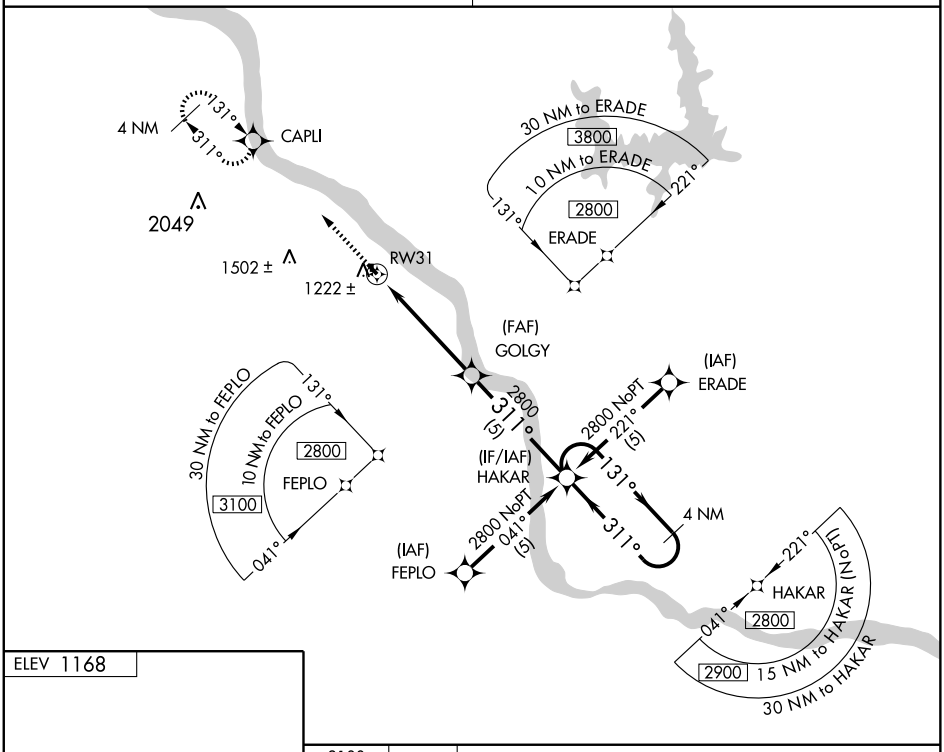
SC-1, 17 DEC 2009 to 14 JAN 2010

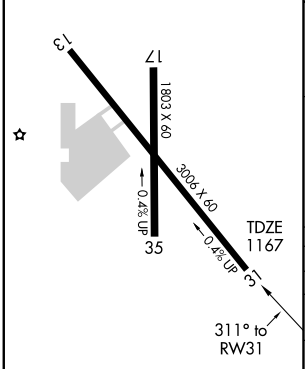
APP CRS	Rwy Idg	3006
311°	TDZE	1167
	Apt Elev	1168

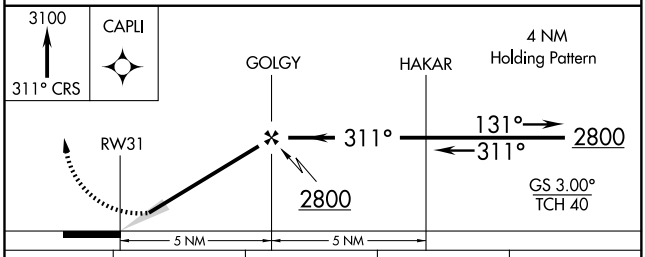
RNAV (GPS) RWY 31

GOLDSBY/ DAVID JAY PERRY (1K4)

⚠ NA Use Will Rogers World altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. BARO VNAV NA.	MISSED APPROACH: Climb to 3100 via 311° course to CAPLI and hold.
OKE CITY APP CON **120.45 288.325**	UNICOM **122.7** (CTAF)







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1520-1¼ 353 (400-1¼)			NA
LNAV MDA	1540-1 373 (400-1)			NA
CIRCLING	1660-1¼ 492 (500-1¼)	1700-1¼ 532 (600-1¼)	1700-1½ 532 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC IRW	APP CRS	Rwy Idg	3006
114.1	323°	TDZE	1167
Chan 88		Apt Elev	1168

VOR/DME RWY 31

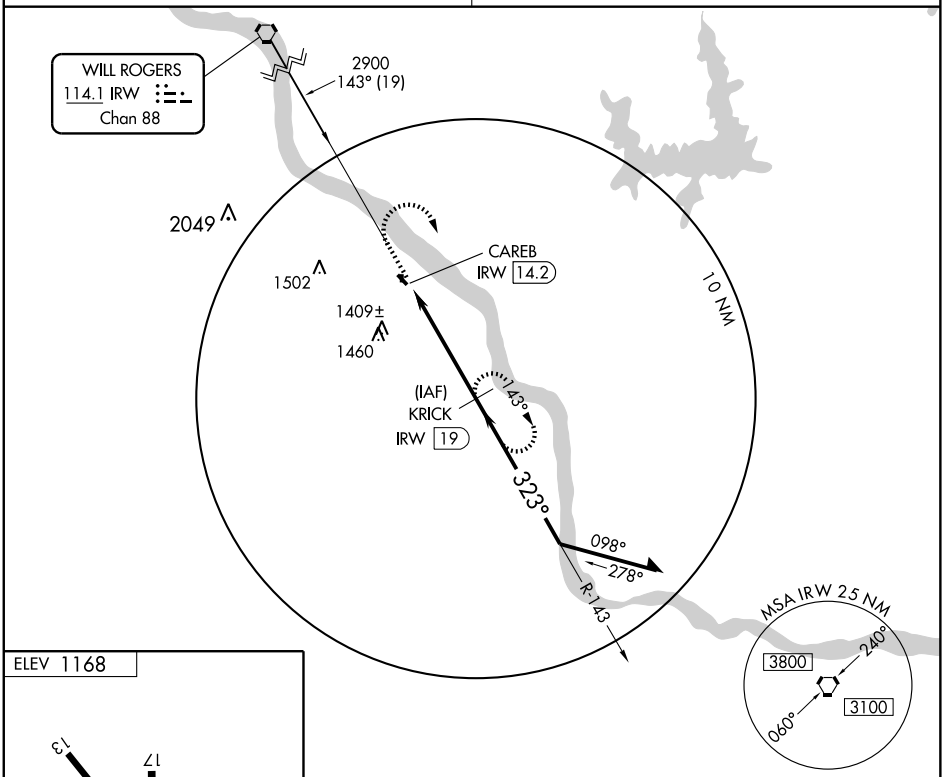
GOLDSBY/DAVID JAY PERRY (1K4)

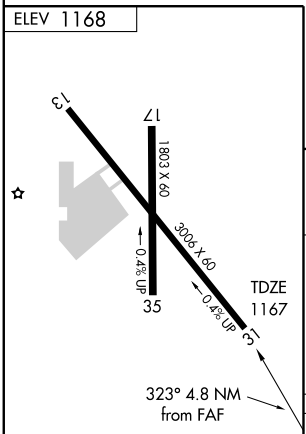
Use Will Rogers World altimeter setting.

NA

MISSED APPROACH: Climb to 2000, then climbing right turn to 2800 via IRW VORTAC R-143 to KRICK/19 DME and hold.

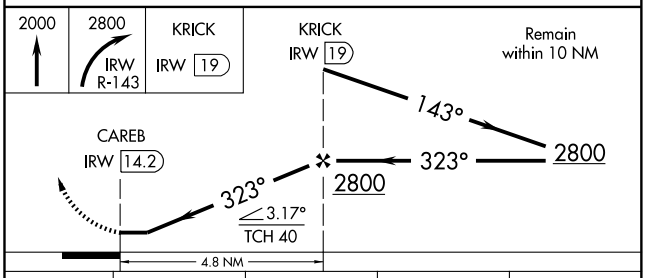
OKE CITY APP CON	UNICOM
120.45 288.325	122.7 (CTAF)





MIRL Rwy 13-31

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-31	1780-1	613 (700-1)	1780-1¾ 613 (700-1¾)	NA
CIRCLING	1780-1	612 (700-1)	1780-1¾ 612 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

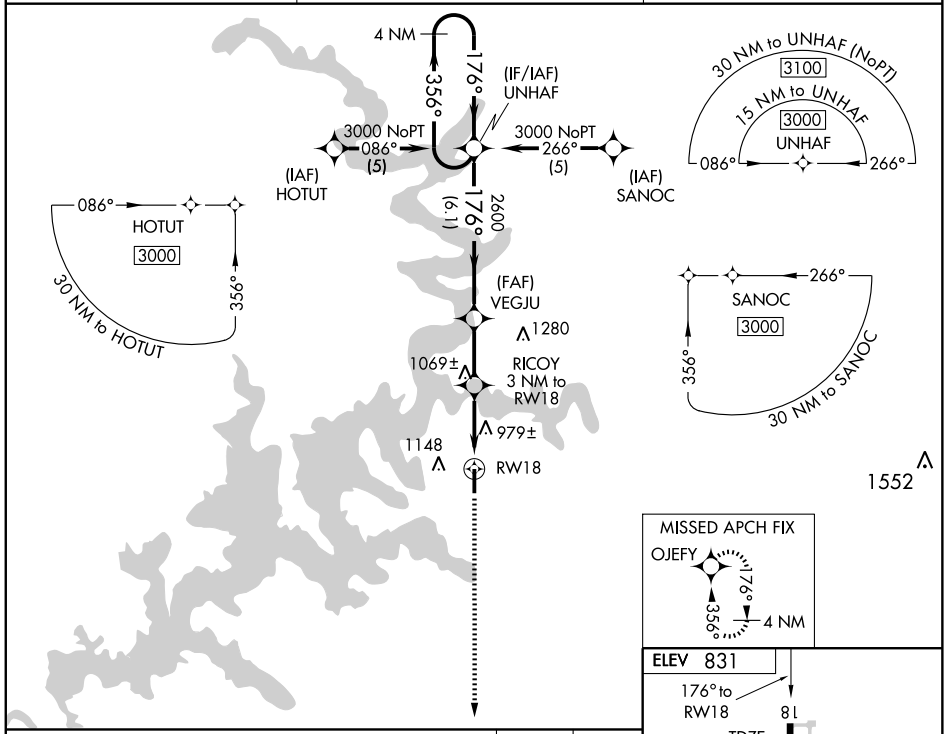
WAAS CH 58308 W18A	APP CRS 176°	Rwy Idg 5200 TDZE 826 Apt Elev 831

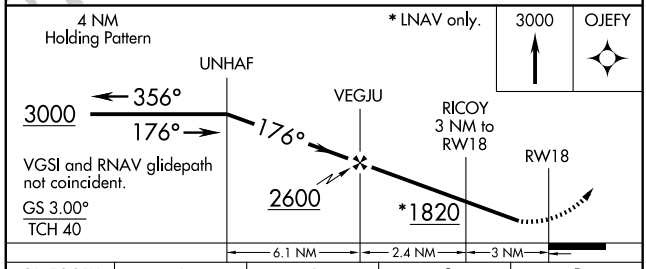
RNAV (GPS) RWY 18
GROVE MUNI (GMJ)

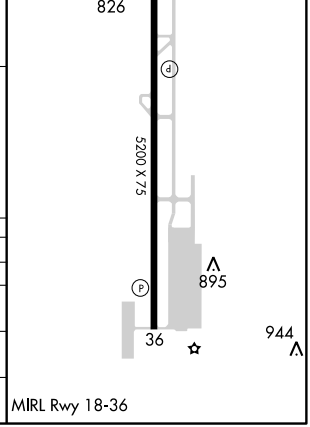
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 direct OJEFY and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
119.025	128.8 354.1	122.8 (CTAF)







CATEGORY	A	B	C	D
LPV DA	1153-1¼ 327 (400-1¼)			NA
LNAV/VNAV DA	1346-2 520 (600-2)			NA
LNAV MDA	1240-1 414 (500-1)		1240-1¼ 414 (500-1¼)	NA
CIRCLING	1500-1 669 (700-1)		1500-1¾ 669 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

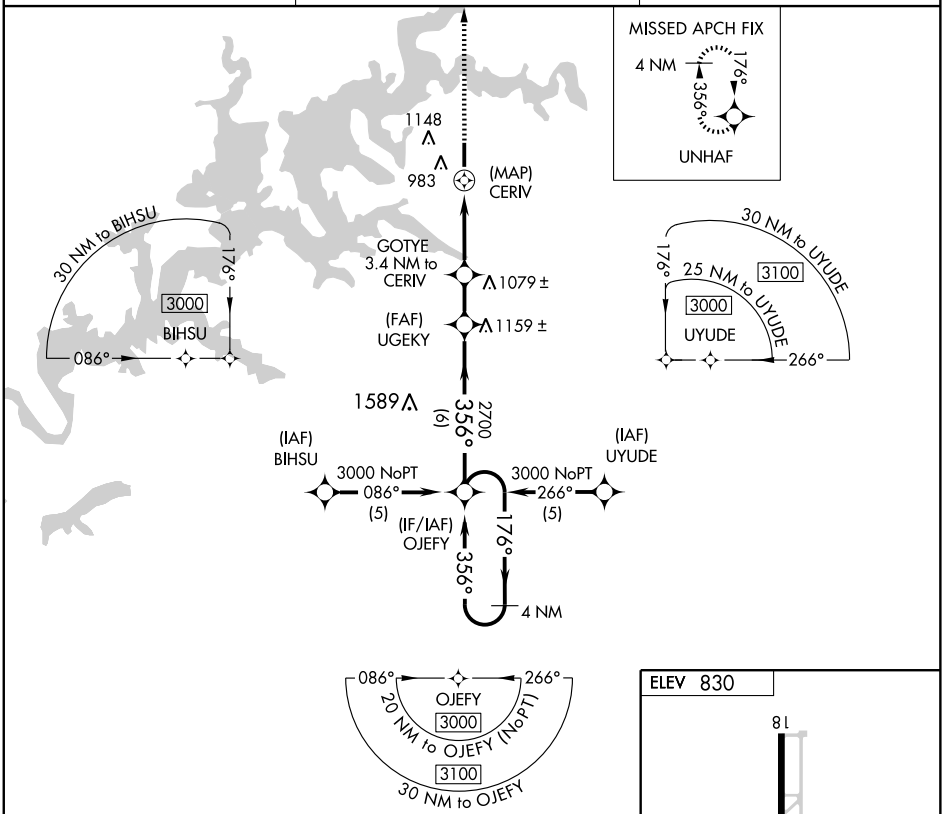
APP CRS	Rwy Idg	5200
356°	TDZE	830
	Apt Elev	830

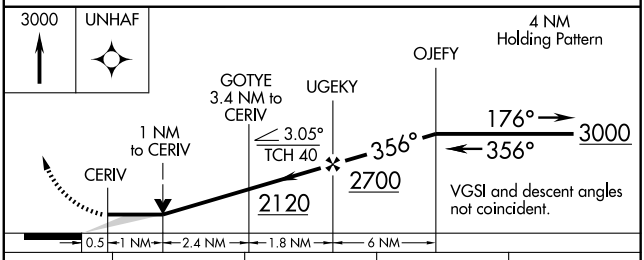
RNAV (GPS) RWY 36
GROVE MUNI (GMJ)

DME/DME RNP-0.3 NA.

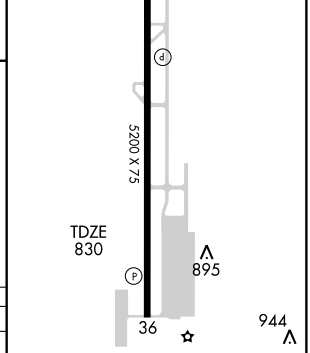
MISSED APPROACH: Climb to 3000 direct UNHAF and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
119.025	128.8 354.1	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	1280-1 450 (500-1)		1280-1¼ 450 (500-1¼)	NA
CIRCLING	1500-1 670 (700-1)		1500-1¾ 670 (700-1¾)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME EOS 117.3 Chan 120	APP CRS 219°	Rwy Idg N/A TDZE N/A Apt Elev 830

VOR/DME-A
GROVE MUNI (GMJ)

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct EOS VOR/DME and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
119.025	128.8 354.1	122.8 (CTAF)

NoPT for arrivals on EOS VOR/DME airway radials 290 CW to 150.

1718
052°
1 min
232°
R-052
IAF
NEOSHO
117.3 EOS
Chan 120
2800
219°
(14.4)
1280
OJAYE
EOS 14.4
1148
983
ZURUN
EOS 20
10 NM
MSA EOS 25 NM
3100

ELEV 830
18
219° 5.6 NM from FAF
5200 X 75
895
36
944
MIRL Rwy 18-36

2000 | 3000 | EOS 117.3

VOR/DME
One Minute Holding Pattern
052°
232°
3000
OJAYE
EOS 14.4
ZURUN
EOS 20
219°
2800
5.6 NM
14.4 NM

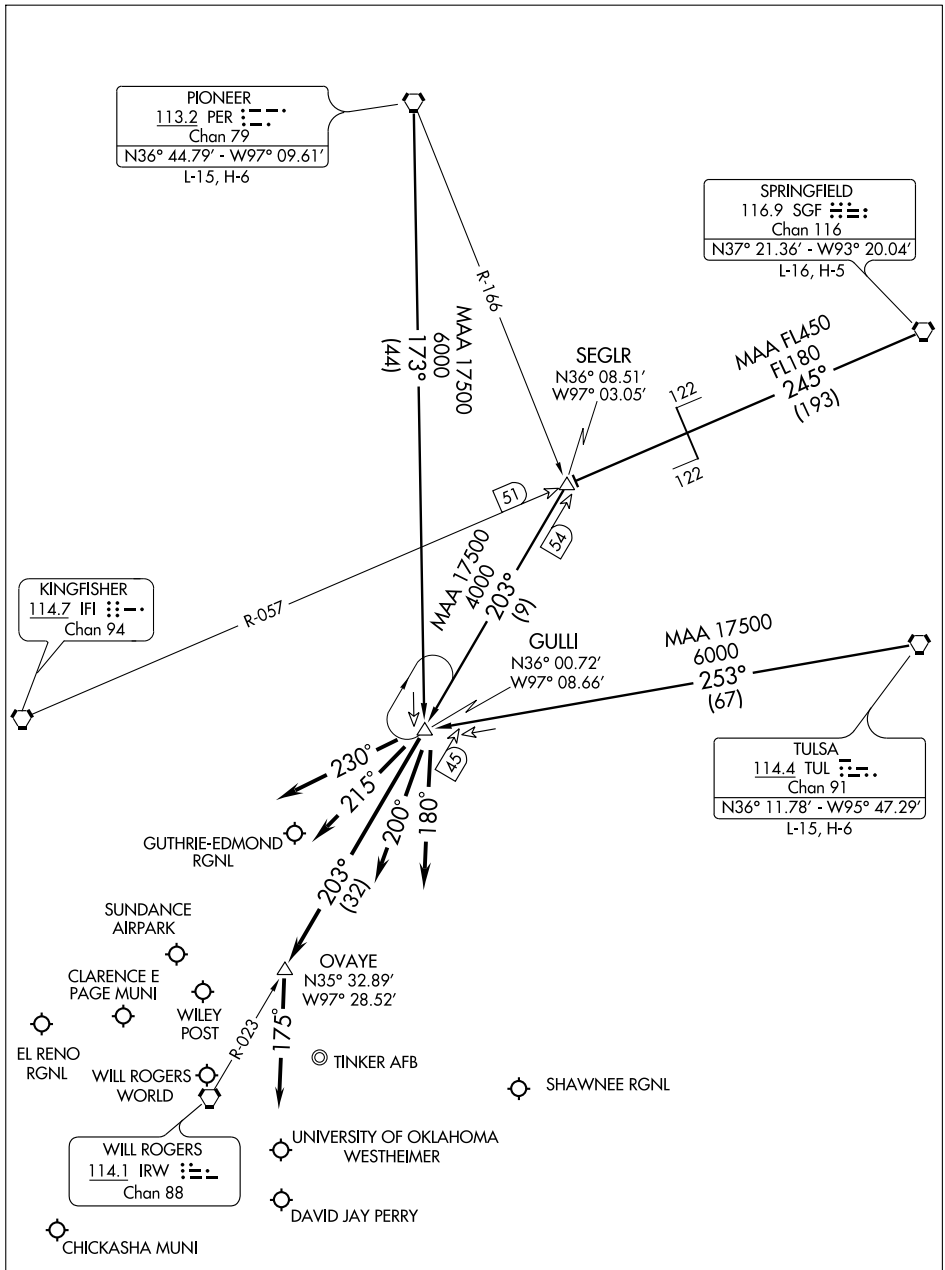
CATEGORY	A	B	C	D
CIRCLING	1500-1 670 (700-1)	1500-1¼ 670 (700-1¼)	1500-1¾ 670 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5001
CH 56308	158°	TDZE	1069
W16A		Apt Elev	1069

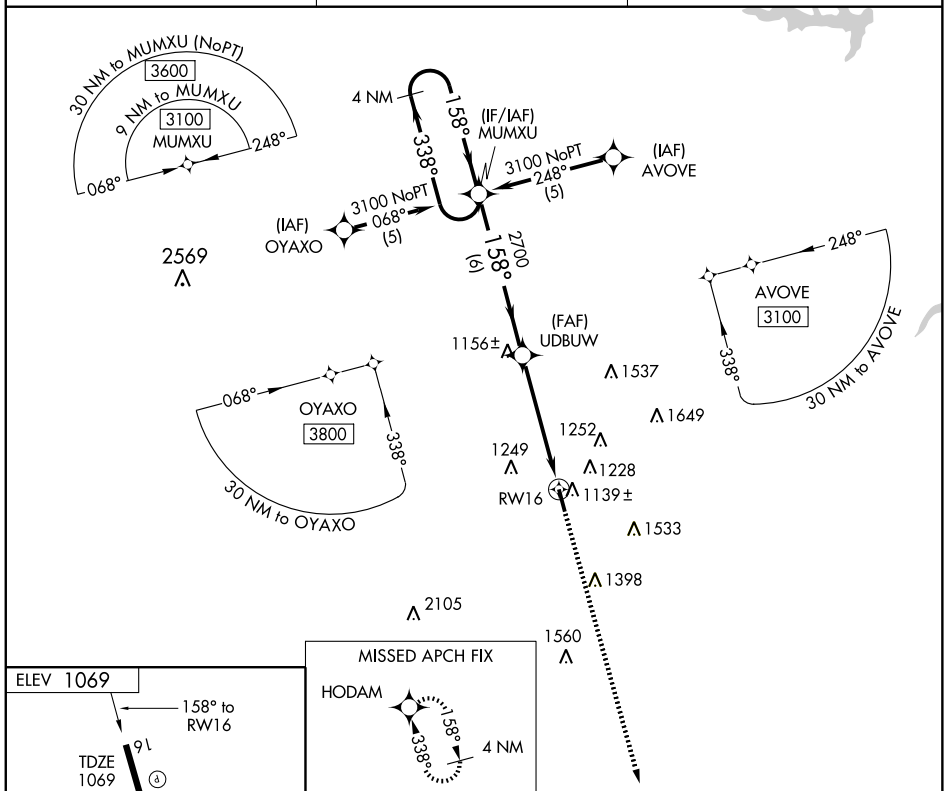
RNAV (GPS) RWY 16

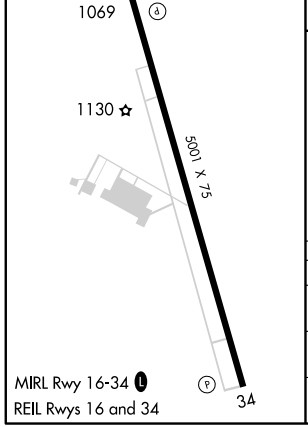
GUTHRIE-EDMOND RGNL (GOK)

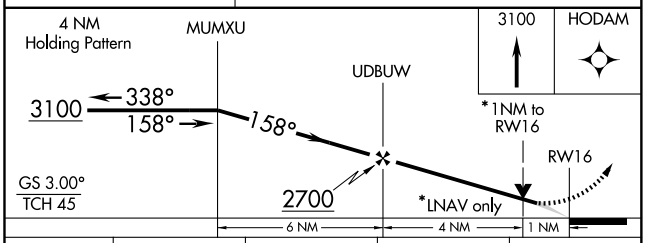
DME/DME RNP-0.3 NA. VDP NA when using Will Rogers World altimeter setting. When local altimeter setting not received, use Will Rogers World altimeter setting and increase DA/MDA 100 feet and LPV all Cats visibility ¼ mile.

MISSED APPROACH: Climb to 3100 direct HODAM and hold.

ASOS	OKE CITY APP CON	UNICOM
133.975	124.2 336.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1319-1 250 (300-1)		NA	
LNAV MDA	1420-1 351 (400-1)		NA	
CIRCLING	1540-1 471 (500-1)		NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

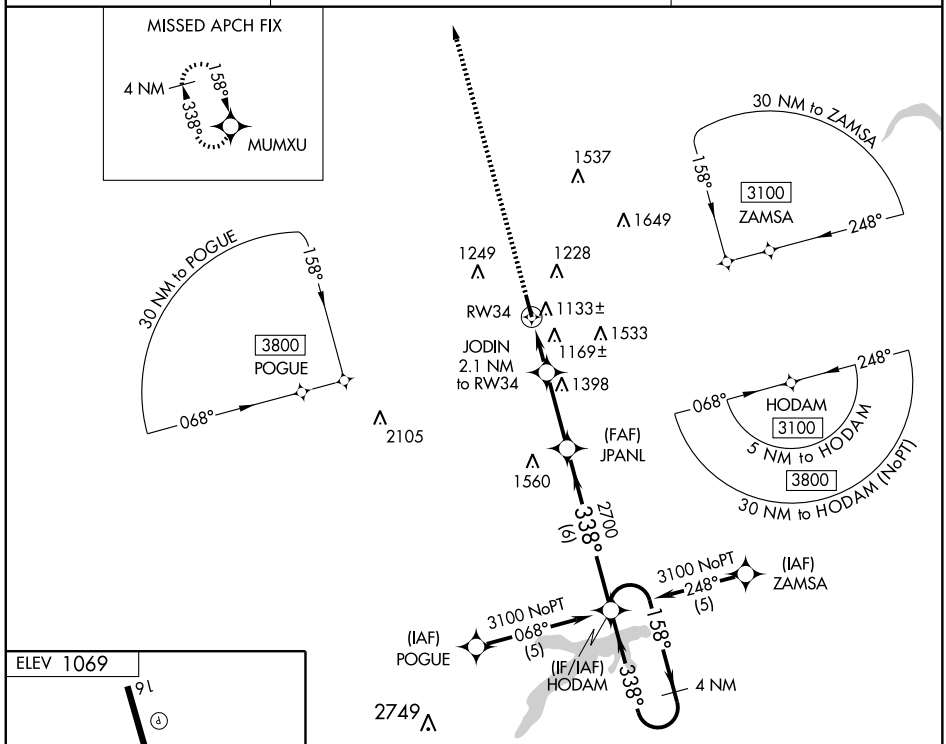
WAAS	APP CRS	Rwy Idg	5001
CH 56607	338°	TDZE	1069
W34A		Apt Elev	1069

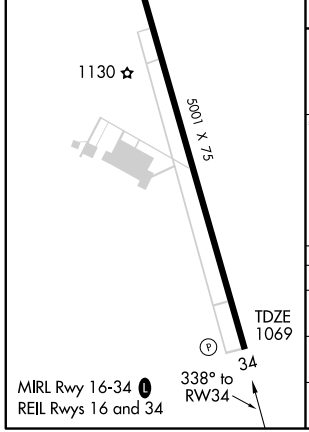
RNAV (GPS) RWY 34
GUTHRIE-EDMOND RGNL (GOK)

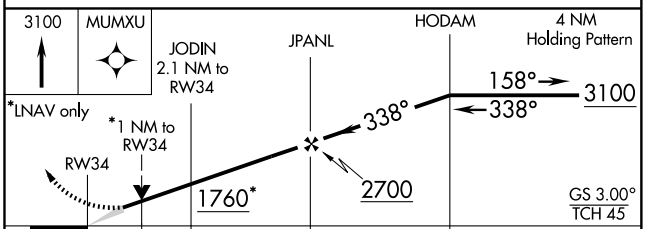
DME/DME RNP-0.3 NA. VDP NA when using Will Rogers World altimeter setting. When local altimeter setting not received, use Will Rogers World altimeter setting and increase DA/MDA 100 feet and LPV all Cats visibility ¼ mile.

MISSED APPROACH: Climb to 3100 direct MUMXU and hold.

ASOS	OKE CITY APP CON	UNICOM
133.975	124.2 336.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1319-1 250 (300-1)		NA	
LNAV MDA	1420-1 351 (400-1)		NA	
CIRCLING	1540-1 471 (500-1)		NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

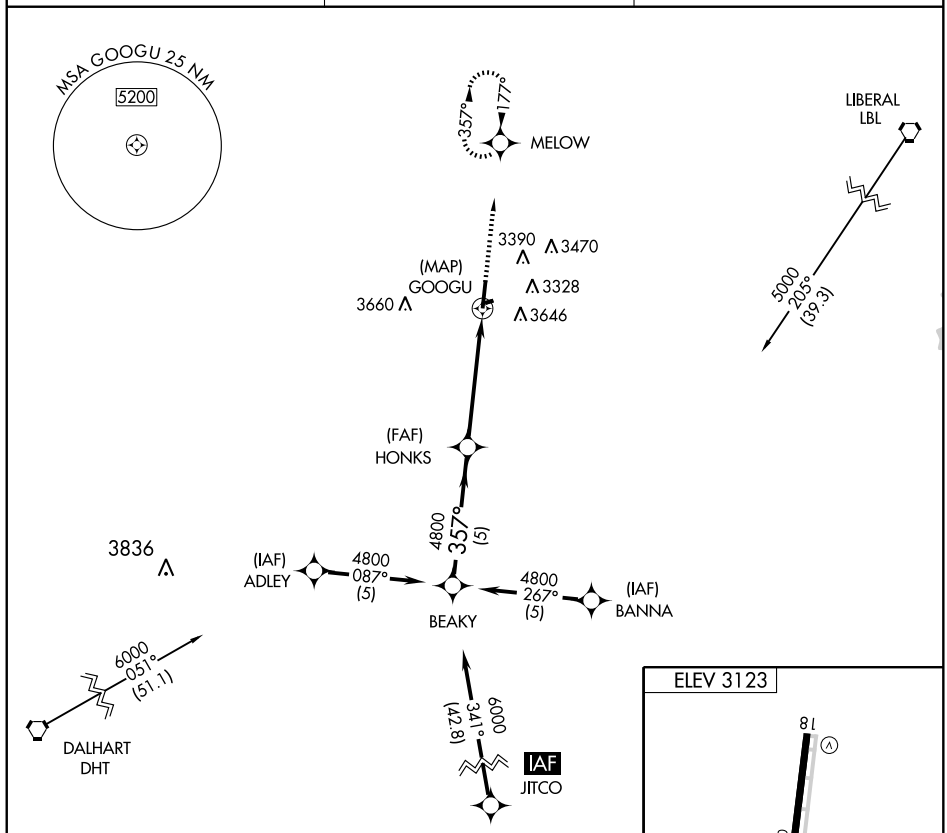
APP CRS	Rwy Idg	5900
357°	TDZE	3123
	Apt Elev	3123

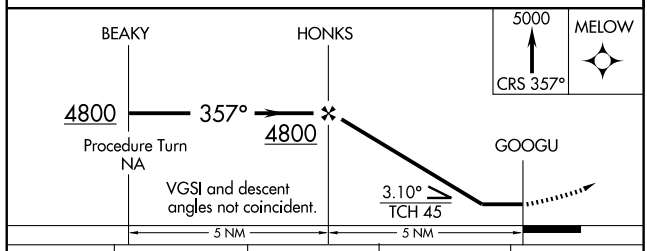
GPS RWY 36
GUYMON MUNI (GUY)

Circling not authorized east of Rwy 18-36.
ARM APPROACH MODE PRIOR TO IAF.

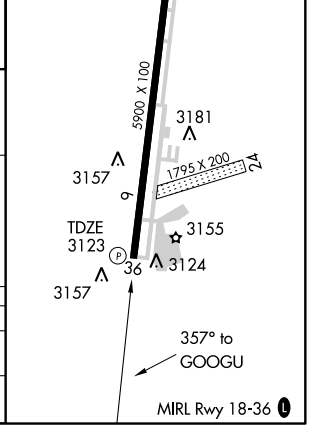
MISSED APPROACH: Climb to 5000 via 357° course to MELOW WP and hold.

ASOS	KANSAS CITY CENTER	UNICOM
119.925	134.0 290.8	122.7 (CTAF)





CATEGORY	A	B	C	D
S-36	3540-1	417 (500-1)	3540-1 ¼ 417 (500-1¼)	NA
CIRCLING	3580-1	457 (500-1)	3580-1 ½ 457 (500-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

NDB GUY 275	APP CRS 177°	Rwy Idg 5900 TDZE 3123 Apt Elev 3123

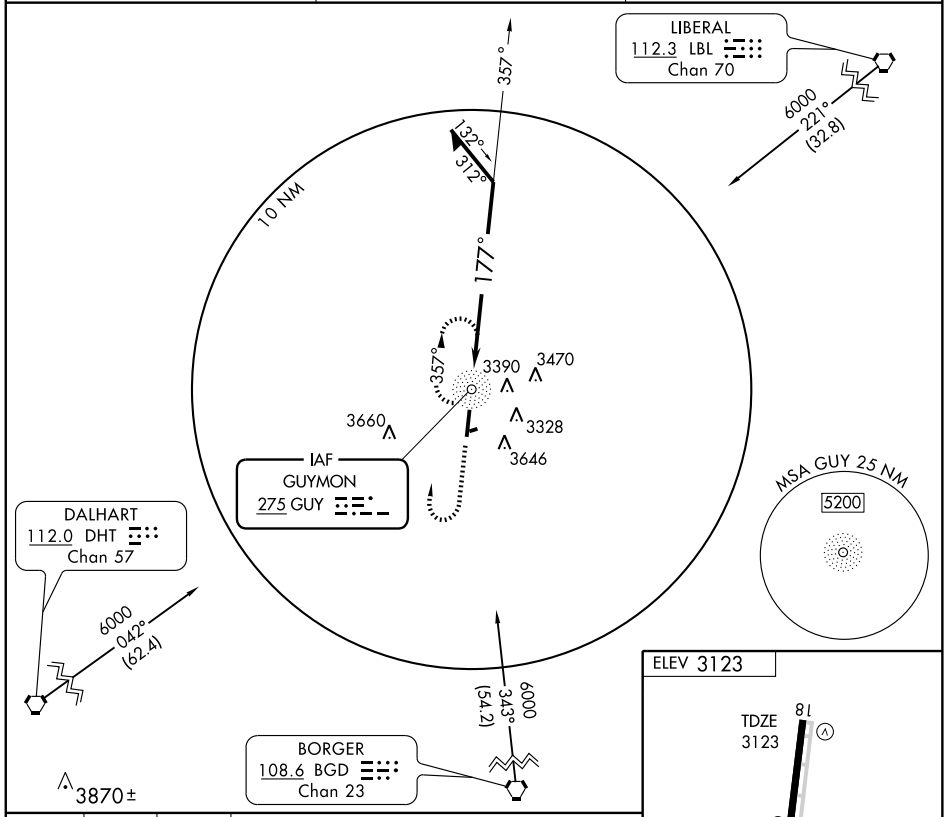
NDB RWY 18
GUYMON MUNI (GUY)

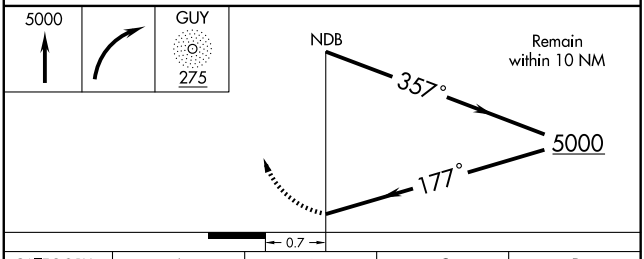
NA

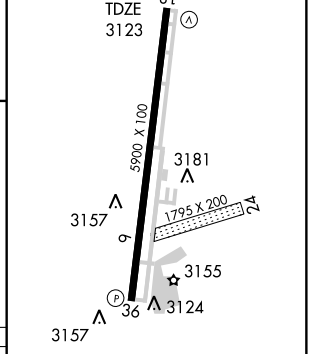
Circling not authorized east of Rwy 18-36.

MISSED APPROACH: Climb to 5000 then right turn direct GUY NDB and hold.

ASOS	KANSAS CITY CENTER	UNICOM
119.925	134.0 290.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-18	3900-1 777 (800-1)	3900-1¼ 777 (800-1¼)	3900-2¼ 777 (800-2¼)	NA
CIRCLING	3900-1 777 (800-1)	3900-1¼ 777 (800-1¼)	3900-2¼ 777 (800-2¼)	NA

MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

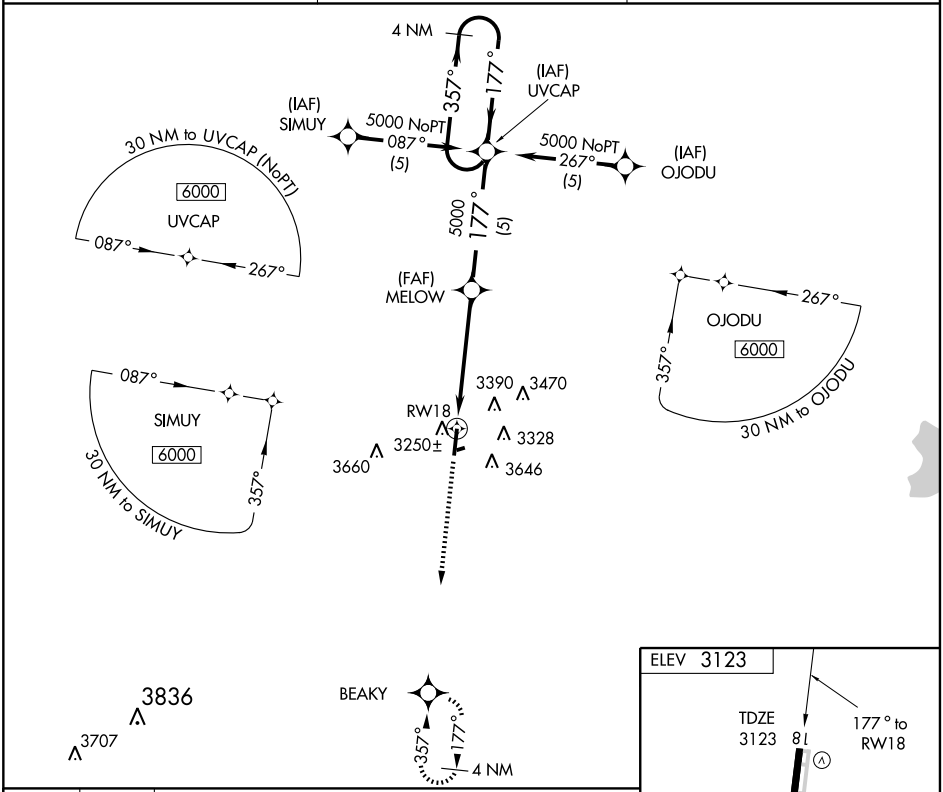
RNAV (GPS) RWY 18
GUYMON MUNI (GUY)

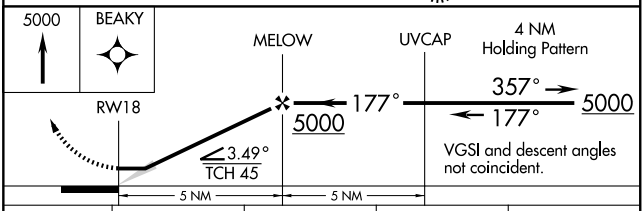
APP CRS	Rwy Idg	5900
177°	TDZE	3123
	Apt Elev	3123

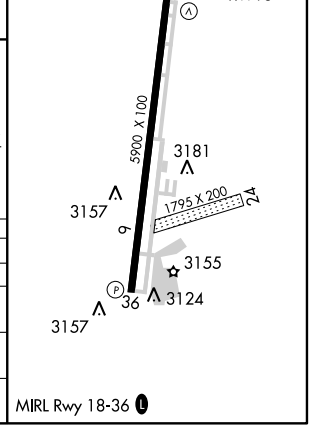
Circling not authorized east of Rwy 18-36.
GPS or RNP-0.3 required.
NA DME/DME RNP-0.3 not authorized.

MISSED APPROACH: Climb to 5000 direct BEAKY WP and hold.

ASOS	KANSAS CITY CENTER	UNICOM
119.925	134.0 290.8	122.7 (CTAF)







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	3700-1 577 (600-1)		3700-1½ 577 (600-1½)	NA
CIRCLING	3700-1 577 (600-1)		3700-1½ 577 (600-1½)	NA

MIRL Rwy 18-36

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB HET	APP CRS	Rwy Idg	3501
267	005°	TDZE	849
		Apt Elev	849

NDB RWY 36

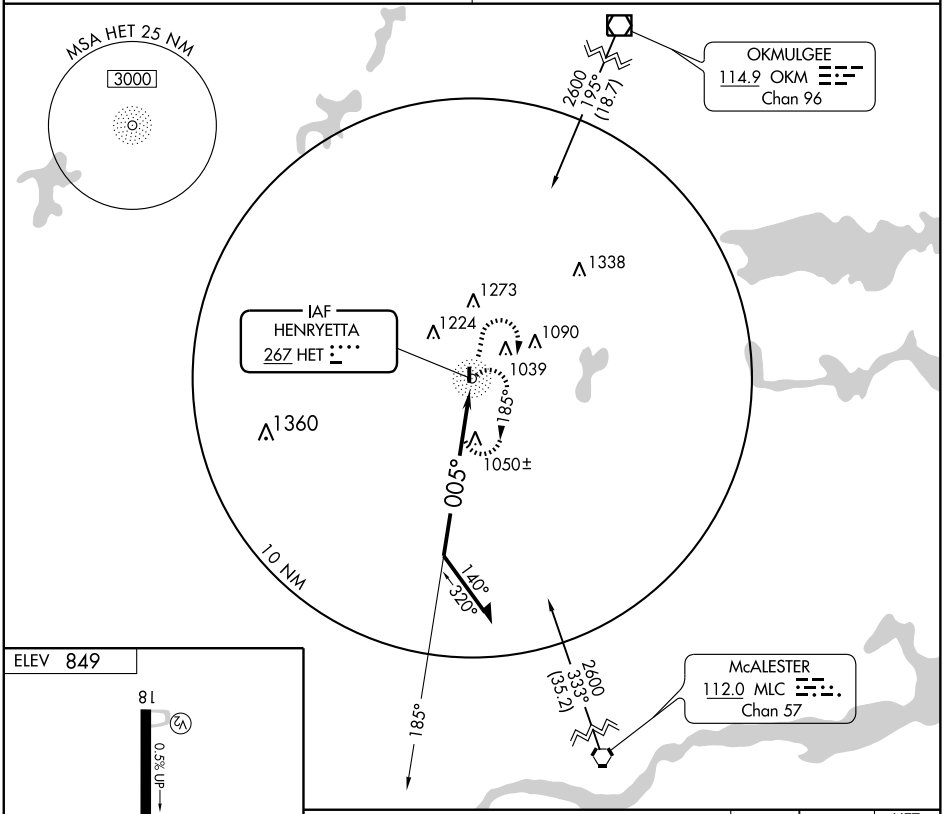
HENRYETTA MUNI (F10)

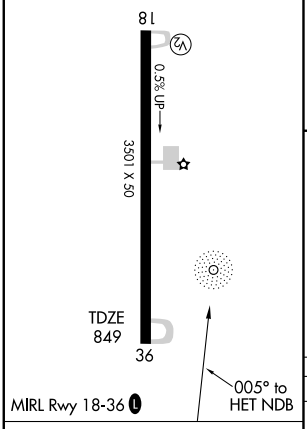
NA

Use McAlester Rgnl altimeter setting.

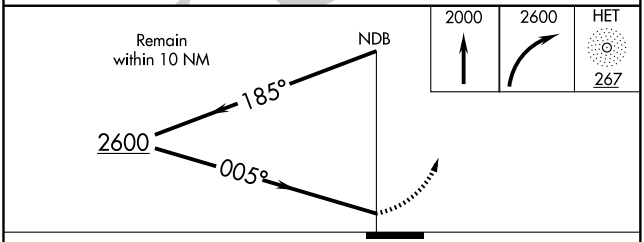
MISSED APPROACH: Climb to 2000 then climbing right turn to 2600 direct HET NDB and hold.

FORT WORTH CENTER	UNICOM
132.2 338.35	122.8 (CTAF) L





Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-36	1540-1¼ 691 (700-1¼)		1540-2 691 (700-2)	NA
CIRCLING	1540-1¼ 691 (700-1¼)		1620-2¼ 771 (800-2¼)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3501
356°	TDZE	849
	Apt Elev	849

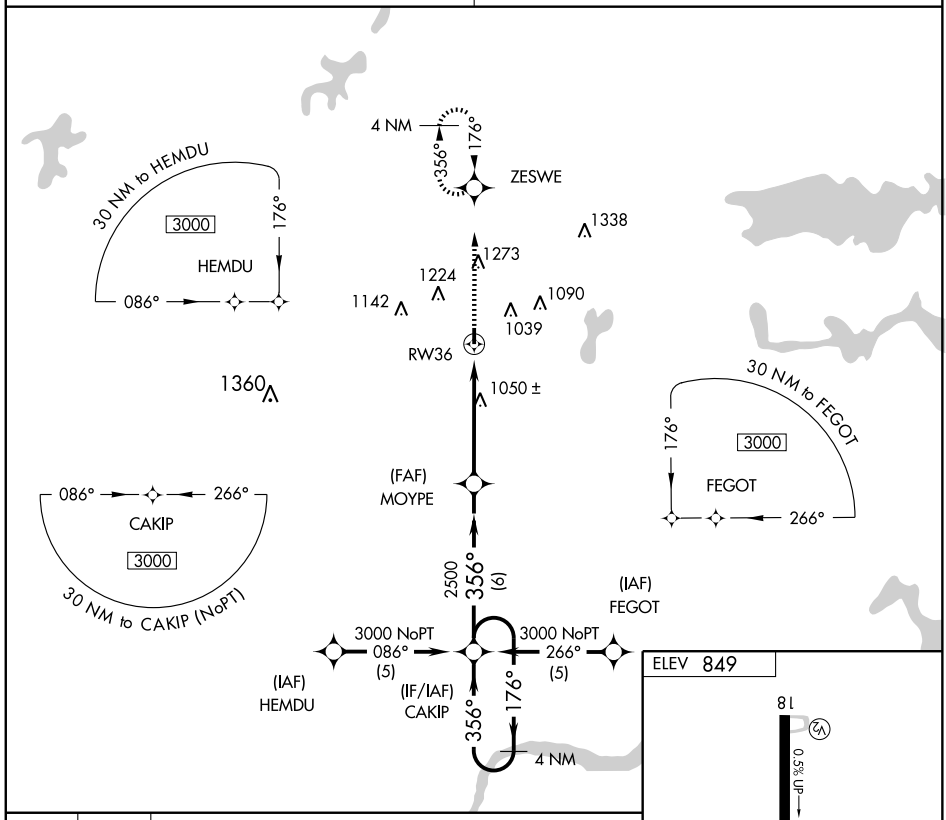
RNAV (GPS) RWY 36
HENRYETTA MUNI (F10)

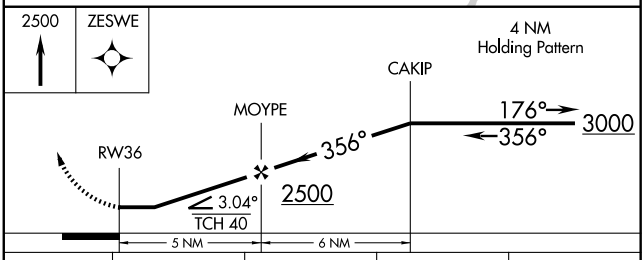
Use McAlester Rgnl altimeter setting.
NA GPS or RNP-0.3 required, DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct ZESWE WP and hold.

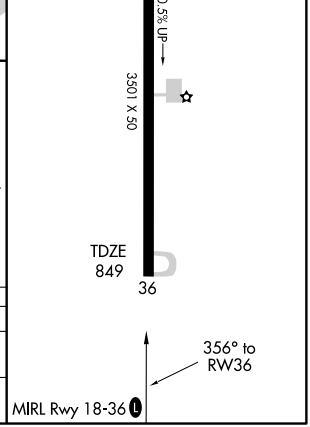
FORT WORTH CENTER
132.2 338.35

UNICOM
122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1440-1¼	591 (600-1¼)	1440-1½ 591 (600-1½)	NA
CIRCLING	1460-1¼	611 (700-1¼)	1620-2¼ 771 (800-2¼)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

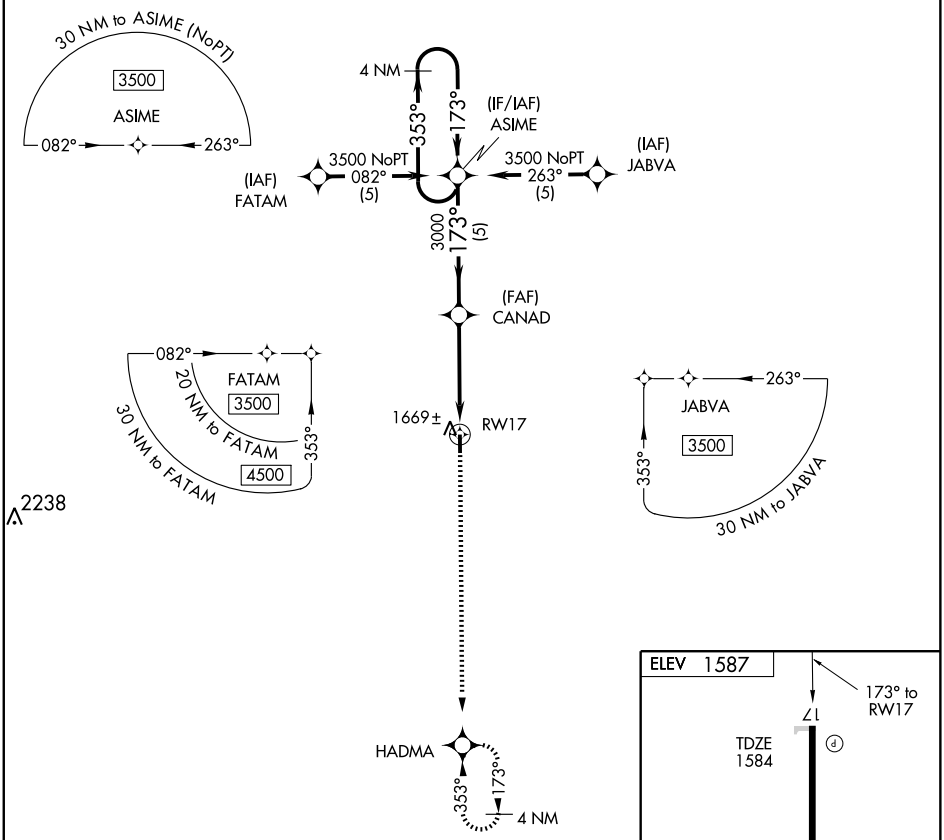
APP CRS	Rwy Idg	4000
173°	TDZE	1584
	Apt Elev	1587

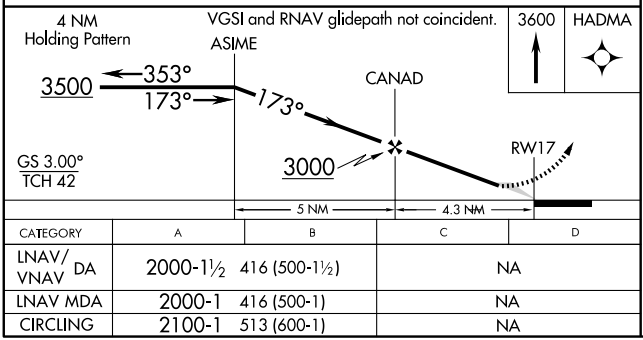
RNAV (GPS) RWY 17
HINTON MUNI (208)

NA Use Weatherford altimeter setting; when not received procedure NA. DME/DME RNP-0.3 NA. Baro-VNAV NA.

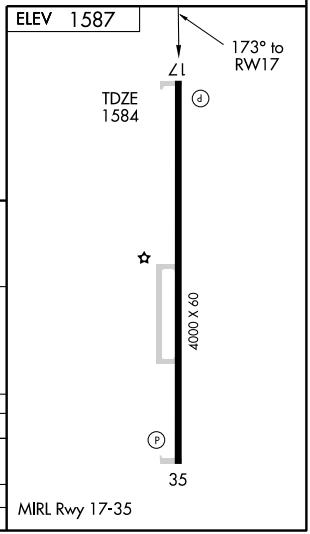
MISSED APPROACH: Climb to 3600 direct HADMA and hold.

FORT WORTH CENTER	UNICOM
128.4 269.375	123.05 (CTAF)





CATEGORY	A	B	C	D
LNAV/VNAV DA	2000-1½	416 (500-1½)	NA	
LNAV MDA	2000-1	416 (500-1)	NA	
CIRCLING	2100-1	513 (600-1)	NA	



MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

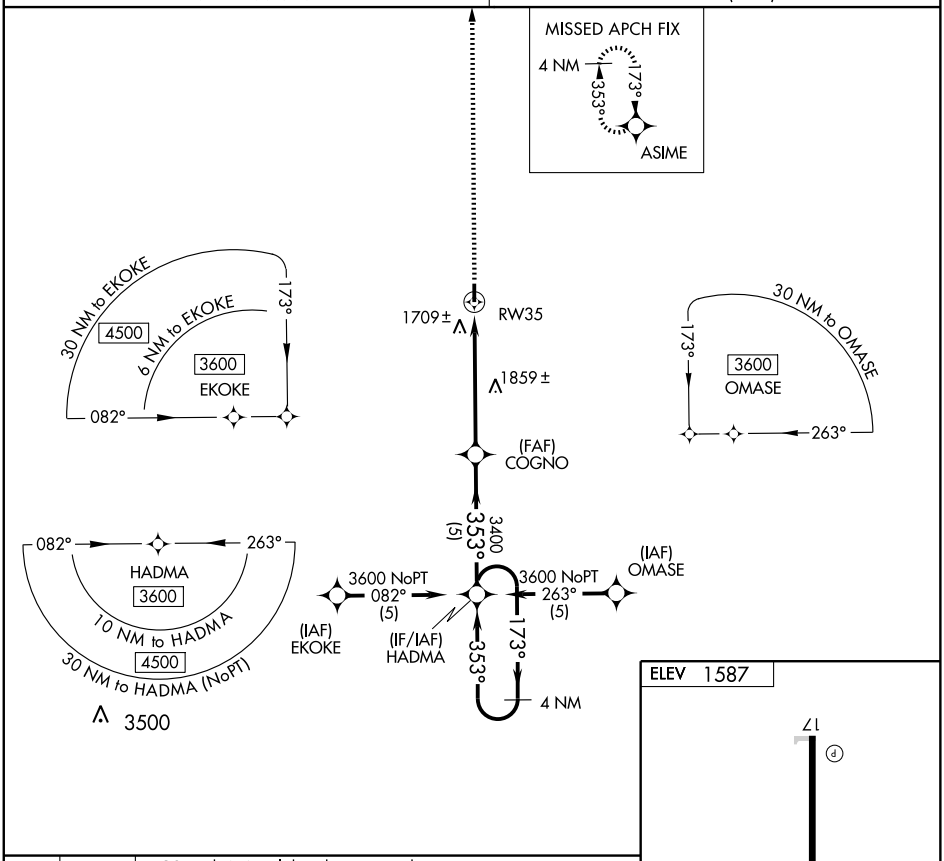
APP CRS	Rwy Idg	4000
353°	TDZE	1587
	Apt Elev	1587

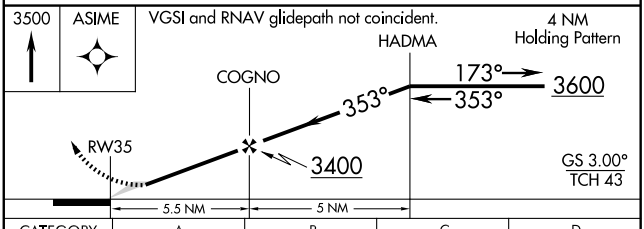
RNAV (GPS) RWY 35
HINTON MUNI (208)

NA Use Weatherford altimeter setting; when not received procedure NA. DME/DME RNP-0.3 NA. Baro-VNAV NA.

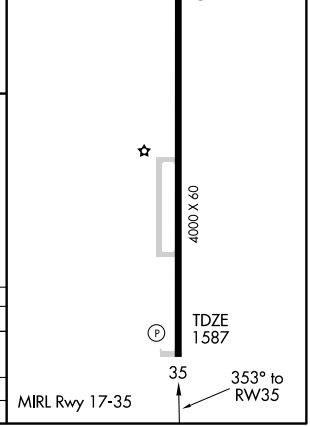
MISSED APPROACH: Climb to 3500 direct ASIME and hold.

FORT WORTH CENTER	UNICOM
128.4 269.375	123.05 (CTAF)





CATEGORY	A	B	C	D
LNAV/VNAV DA	2052-1¾	465 (500-1¾)	NA	
LNAV MDA	2160-1	573 (600-1)	NA	
CIRCLING	2160-1	573 (600-1)	NA	



APP CRS	Rwy Idg	5507
173°	TDZE	1553
	Apt Elev	1564

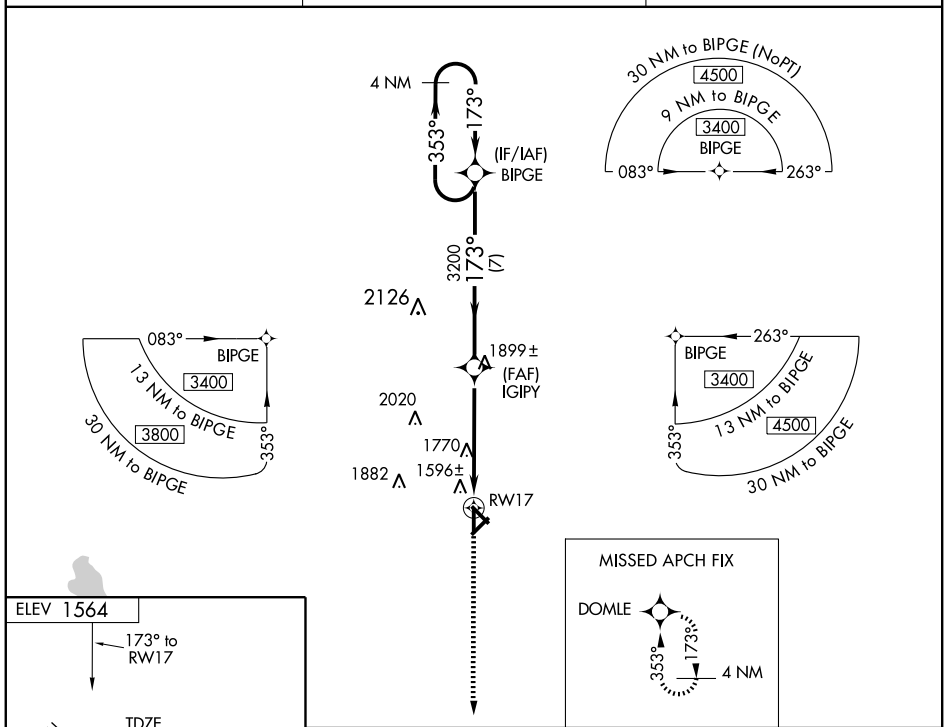
RNAV (GPS) RWY 17

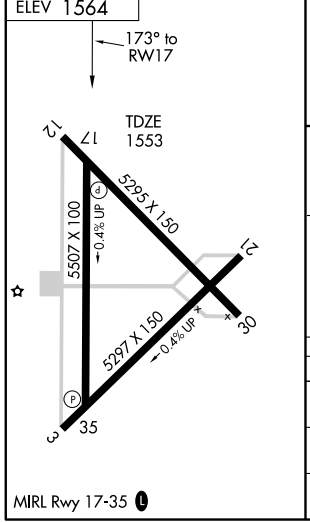
HOBART RGNL (HBR)

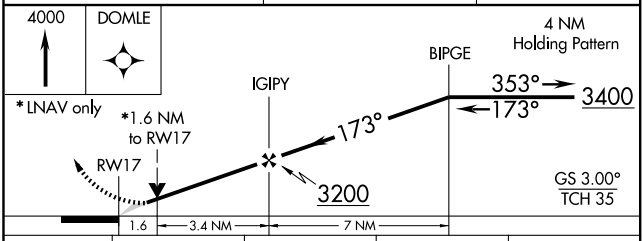
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 45°C (113°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Altus/Quartz Mountain Rgnl altimeter setting and increase LNAV/VNAV DA to 1971 feet and all visibilities ¼ mile: increase all MDAs 80 feet, LNAV Cat C and D visibility ¼ mile. VDP and BARO-VNAV NA when using Altus/Quartz Mountain Rgnl altimeter setting.

MISSED APPROACH: Climb to 4000 direct DOMLE and hold.

ASOS	ALTUS APP CON ★	UNICOM
133.325	125.1 257.725	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV/VNAV DA	1900-1¼ 347 (400-1¼)			
LNAV MDA	2080-1 527 (600-1)		2080-1½ 527 (600-1½)	2080-1¾ 527 (600-1¾)
CIRCLING	2080-1 516 (600-1)		2080-1½ 516 (600-1½)	2120-2 556 (600-2)

MIRL Rwy 17-35 L

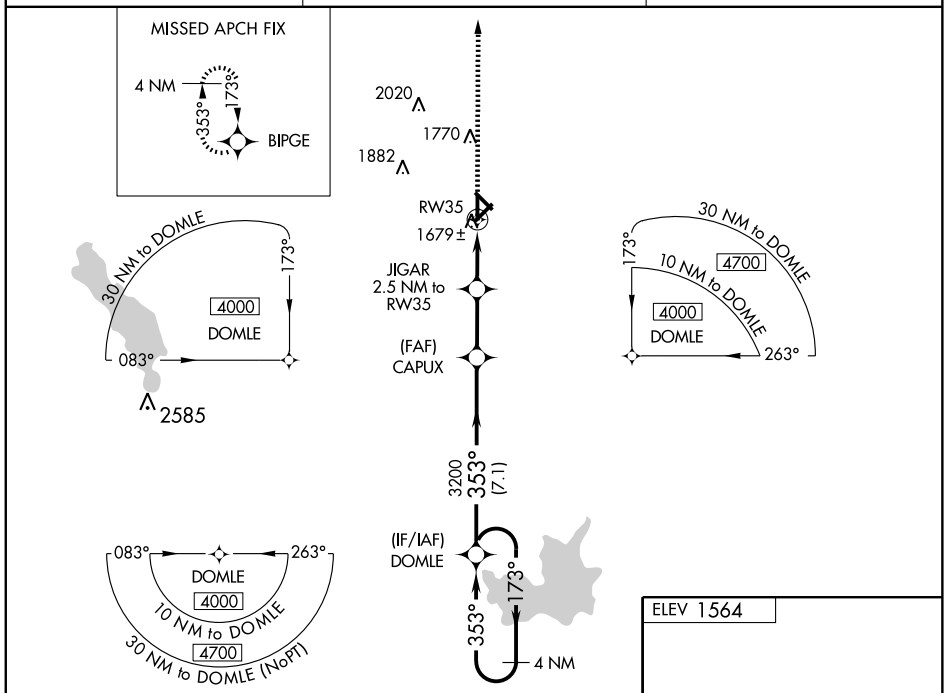
APP CRS	Rwy Idg	5507
353°	TDZE	1561
	Apt Elev	1564

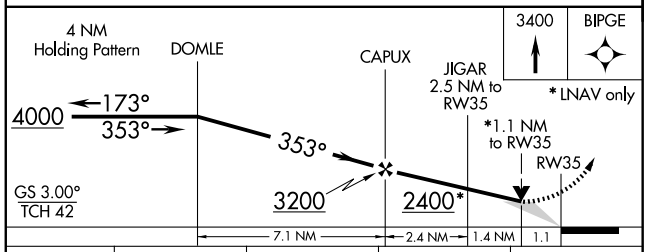
RNAV (GPS) RWY 35
HOBART RGNL (HBR)

For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 45°C (113°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Altus/Quartz Mountain Rgnl altimeter setting and increase LNAV/VNAV DA to 2020 feet and all visibilities ½ mile: increase all MDAs 80 feet, Cat C and D visibility ¼ mile. BARO-VNAV and VDP NA when using Altus/Quartz Mountain Rgnl altimeter setting.

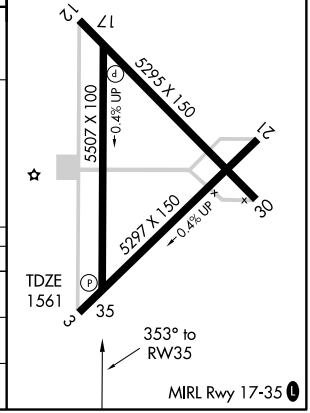
MISSED APPROACH: Climb to 3400 direct BIPGE and hold.

ASOS	ALTUS APP CON ★	UNICOM
133.325	125.1 257.725	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV/VNAV DA	1949-1¼ 388 (400-1¼)			
LNAV MDA	1940-1 379 (400-1)			1940-1¼ 379 (400-1¼)
CIRCLING	1980-1 416 (500-1)	2020-1 456 (500-1)	2020-1½ 456 (500-1½)	2120-2 556 (600-2)



SC-1, 17 DEC 2009 to 14 JAN 2010

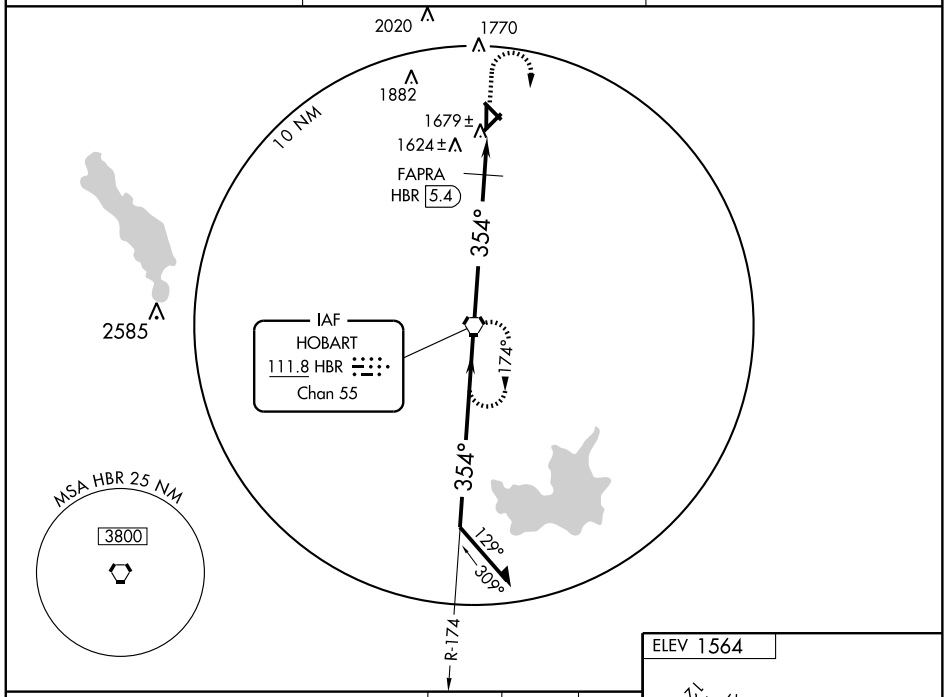
VORTAC HBR	APP CRS	Rwy Idg	5507
111.8	354°	TDZE	1561
Chan 55		Apt Elev	1564

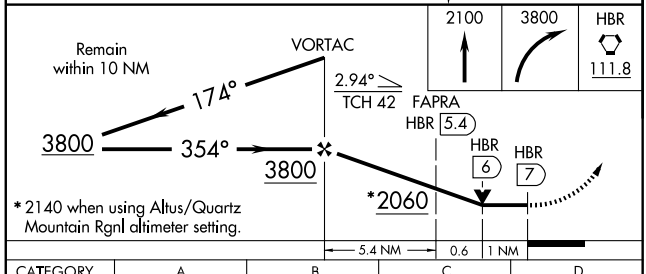
VOR RWY 35
HOBART RGNL (HBR)

When local altimeter setting not received, use Altus/Quartz Mountain Rgnl altimeter setting and increase all MDAs 80 feet, S-35 Cat C and D visibility ¼ mile, FAPRA fix minimums S-35 Cat D visibility ¼ mile. VDP NA when using Altus/Quartz Mountain Rgnl altimeter setting.

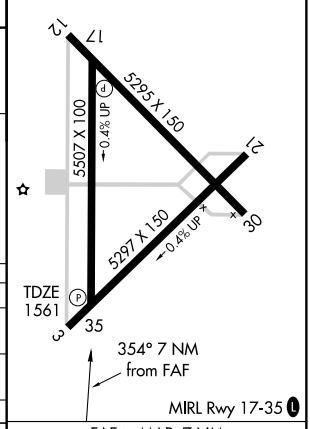
MISSED APPROACH: Climb to 2100, then climbing right turn to 3800 direct HBR VORTAC and hold.

ASOS	ALTUS APP CON ★	UNICOM
133.325	125.1 257.725	122.8 (CTAF) L





* 2140 when using Altus/Quartz Mountain Rgnl altimeter setting.



CATEGORY	A	B	C	D
S-35	2060-1	499 (500-1)	2060-1¼ 499 (500-1¼)	2060-1½ 499 (500-1½)
CIRCLING	2060-1	496 (500-1)	2060-1½ 496 (500-1½)	2120-2 556 (600-2)
FAPRA FIX MINIMUMS				
S-35	1980-1	419 (500-1)	1980-1¼	419 (500-1¼)
CIRCLING	1980-1 416 (500-1)	2020-1 456 (500-1)	2020-1½ 456 (500-1½)	2120-2 556 (600-2)

FAF to MAP 7 NM

Knots	60	90	120	150	180
Min:Sec	7:00	4:40	3:30	2:48	2:20

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB HDL	APP CRS	Rwy Idg	3251
411	164°	TDZE	856
		Apt Elev	860

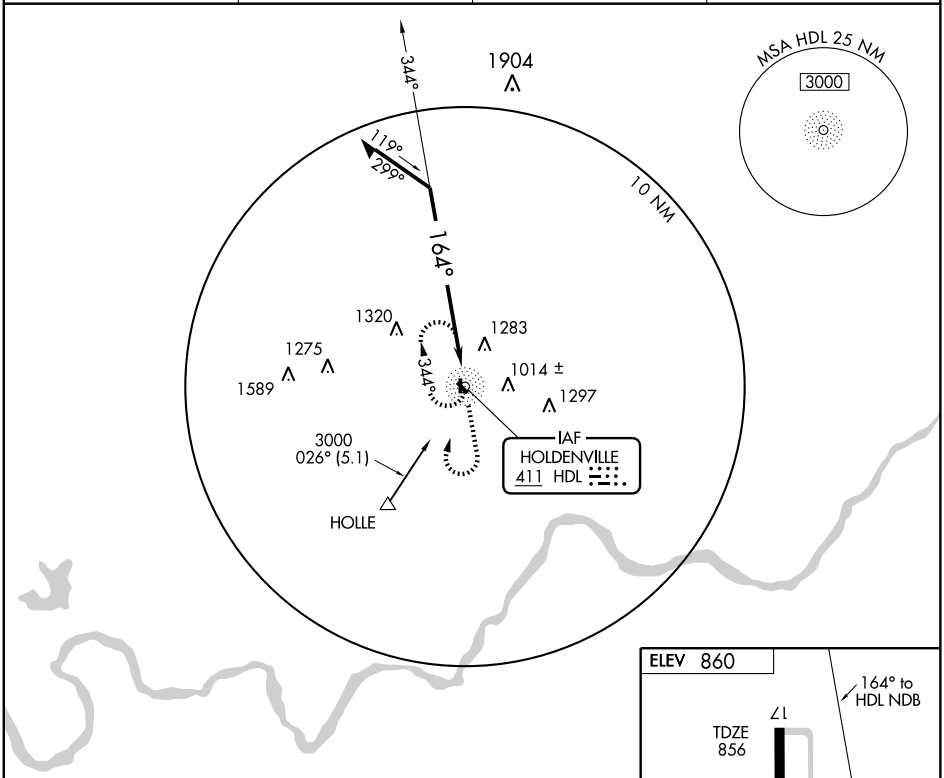
NDB RWY 17

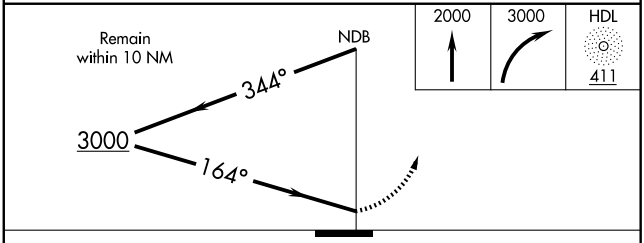
HOLDENVILLE MUNI (F99)

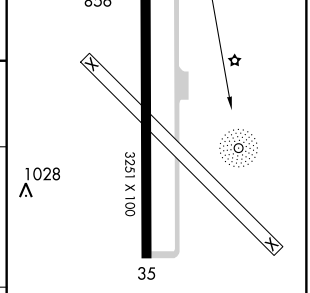
⚠ NA — Use McAlester altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct HDL NDB and hold.

ADA MUNI AWOS-3	McALESTER REGIONAL ASOS	FORT WORTH CENTER	UNICOM
118.725	135.125	132.2 338.35	122.8 (CTAF)







MIRL Rwy 17-35

CATEGORY	A	B	C	D
S-17	1780-1¼	918 (1000-1¼)	1780-2¾ 918 (1000-2¾)	NA
CIRCLING	1780-1¼	920 (1000-1¼)	1780-2¾ 920 (1000-2¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

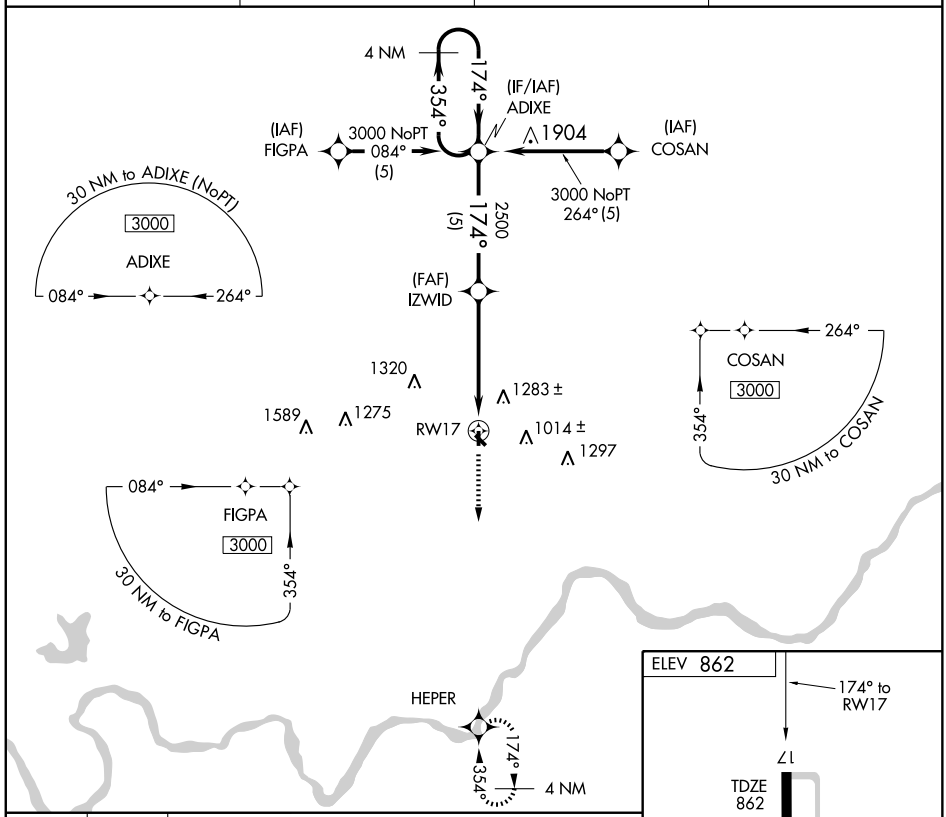
APP CRS	Rwy Idg	3251
174°	TDZE	862
	Apt Elev	862

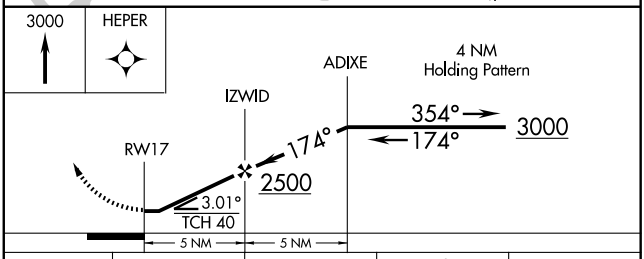
RNAV (GPS) RWY 17
HOLDENVILLE MUNI (F99)

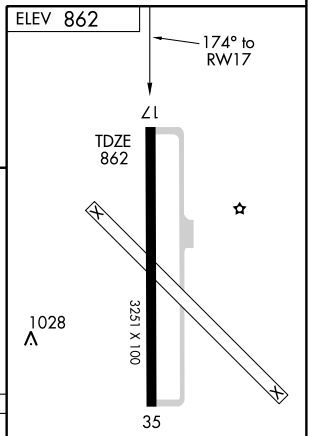
NA Use ADA Muni altimeter setting; if not received, use McAlester altimeter setting and increase all MDAs 20 feet. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct HEPER and hold.

ADA MUNI AWOS-3	McALESTER REGIONAL ASOS	FORT WORTH CENTER	UNICOM
118.725	135.125	132.2 338.35	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1520-1 658 (700-1)		1520-1¾ 658 (700-1¾)	NA
CIRCLING	1520-1 658 (700-1)	1660-1¼ 798 (800-1¼)	1660-2¼ 798 (800-2¼)	NA

MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

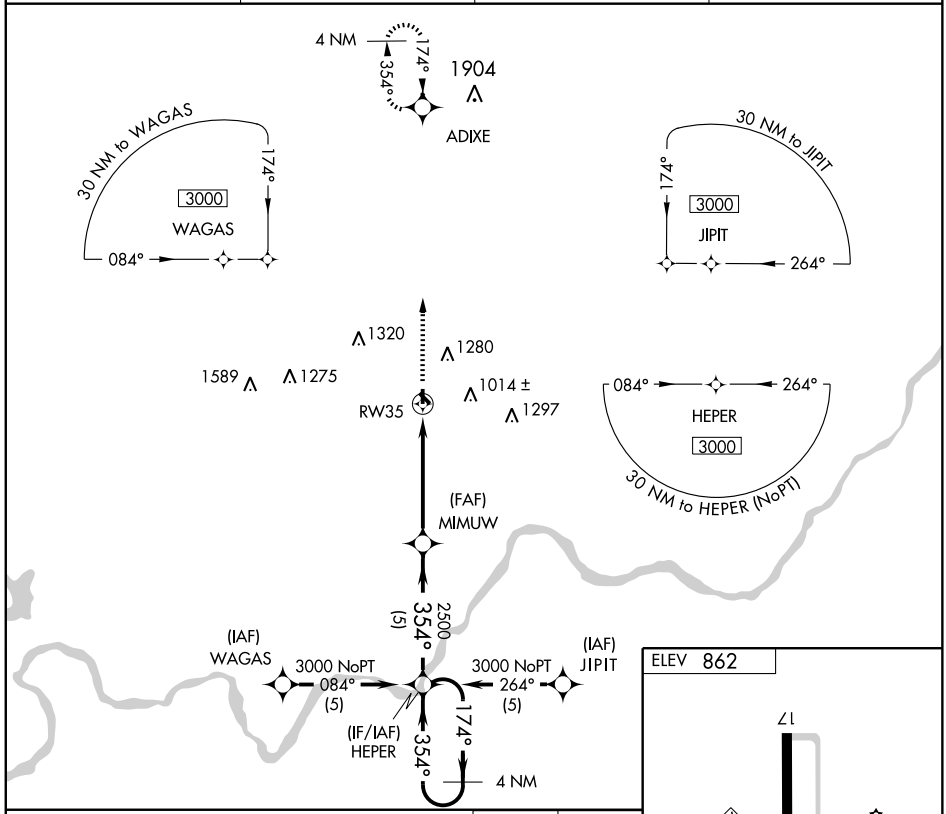
APP CRS	Rwy Idg	3251
354°	TDZE	857
	Apt Elev	862

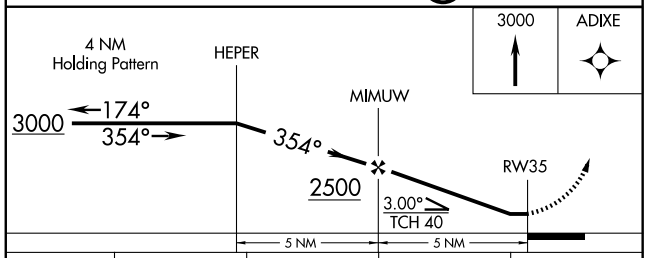
RNAV (GPS) RWY 35
HOLDENVILLE MUNI (F99)

NA Use ADA Muni altimeter setting, if not received, use McAlester altimeter setting and increase all MDAs 20 feet. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

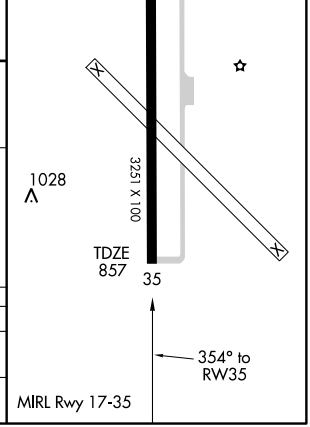
MISSED APPROACH: Climb to 3000 direct ADIXE and hold.

ADA MUNI AWOS-3	McALESTER REGIONAL ASOS	FORT WORTH CENTER	UNICOM
118.725	135.125	132.2 338.35	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	1420-1 563 (600-1)		1420-1½ 563 (600-1½)	NA
CIRCLING	1460-1 598 (600-1)	1660-1¼ 798 (800-1¼)	1660-2¼ 798 (800-1¼)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

NDB HHW	APP CRS	Rwy Idg	4007
323	002°	TDZE	571
		Apt Elev	571

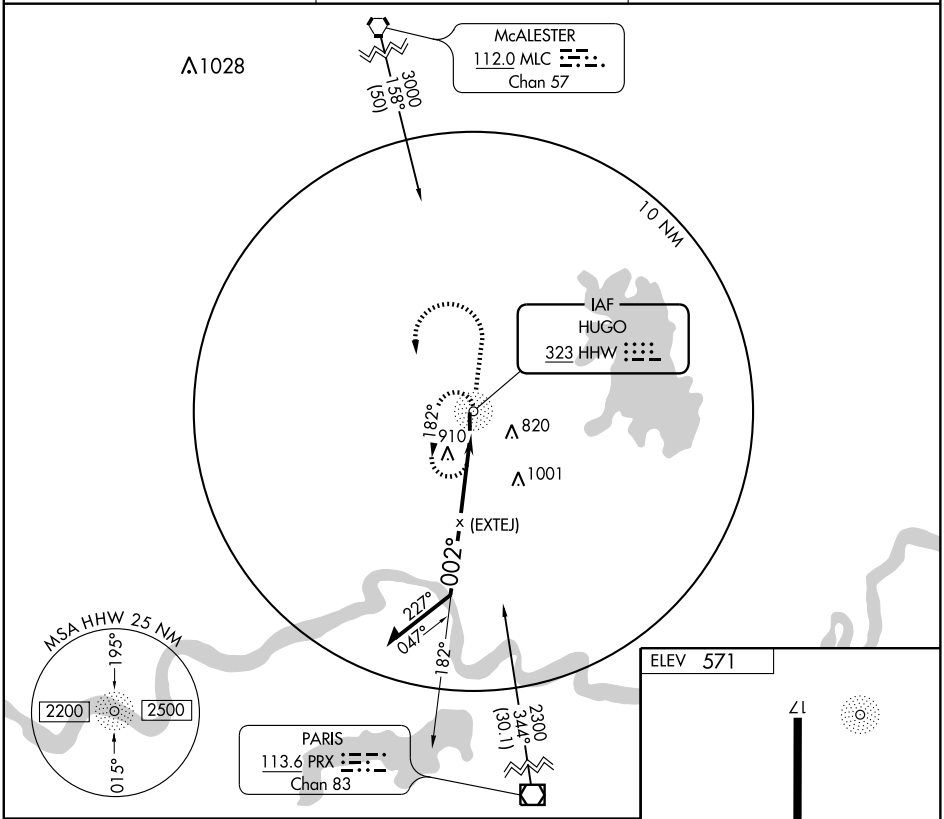
NDB or GPS RWY 35

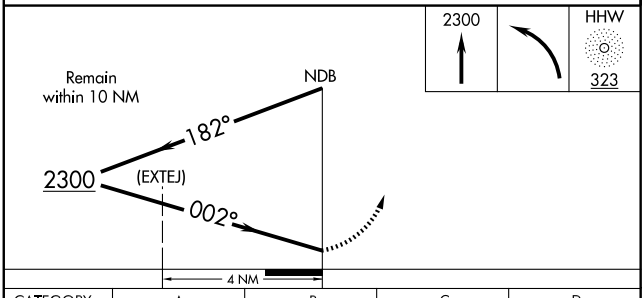
HUGO/STAN STAMPER MUNI (HHW)

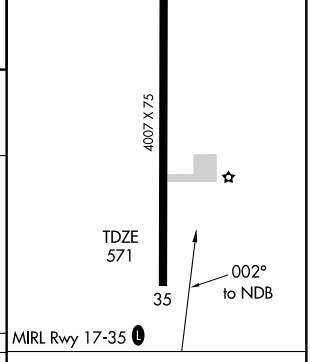
NA

MISSED APPROACH: Climb to 2300 then left turn direct HHW NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.025	124.875 307.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	1260-1	689 (700-1)	NA	
CIRCLING	1260-1	689 (700-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
020°	TDZE	472
	Apt Elev	472

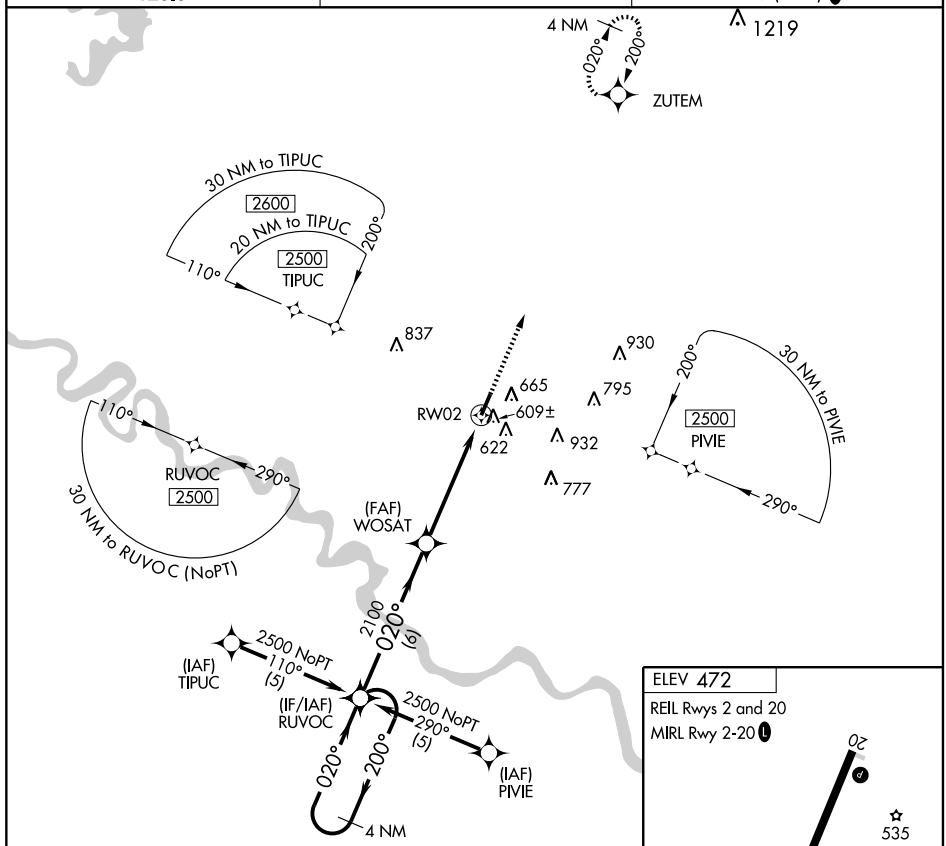
RNAV (GPS) RWY 2

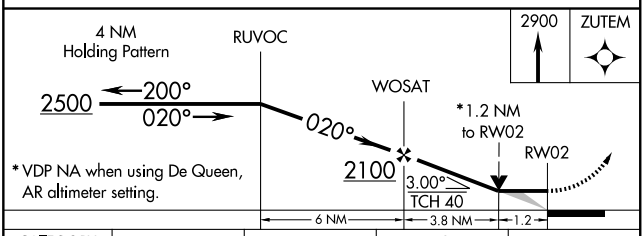
IDABEL/MC CURTAIN COUNTY RGNL (404)

If local altimeter setting not received, use De Queen, AR altimeter setting and increase all MDAs 80 feet.
NA GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2900 direct ZUTEM and hold.

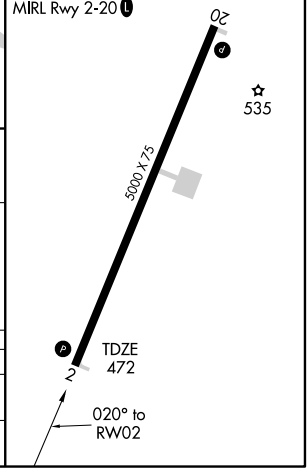
AWOS-3	FORT WORTH CENTER	UNICOM
120.0	123.925 269.475	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	880-1 408 (500-1)		880-1¼ 408 (500-1¼)	NA
CIRCLING	1020-1 548 (600-1)		1020-1½ 548 (600-1½)	NA

ELEV 472
REIL Rwys 2 and 20
MIRL Rwy 2-20 L



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
200°	TDZE	464
	Apt Elev	472

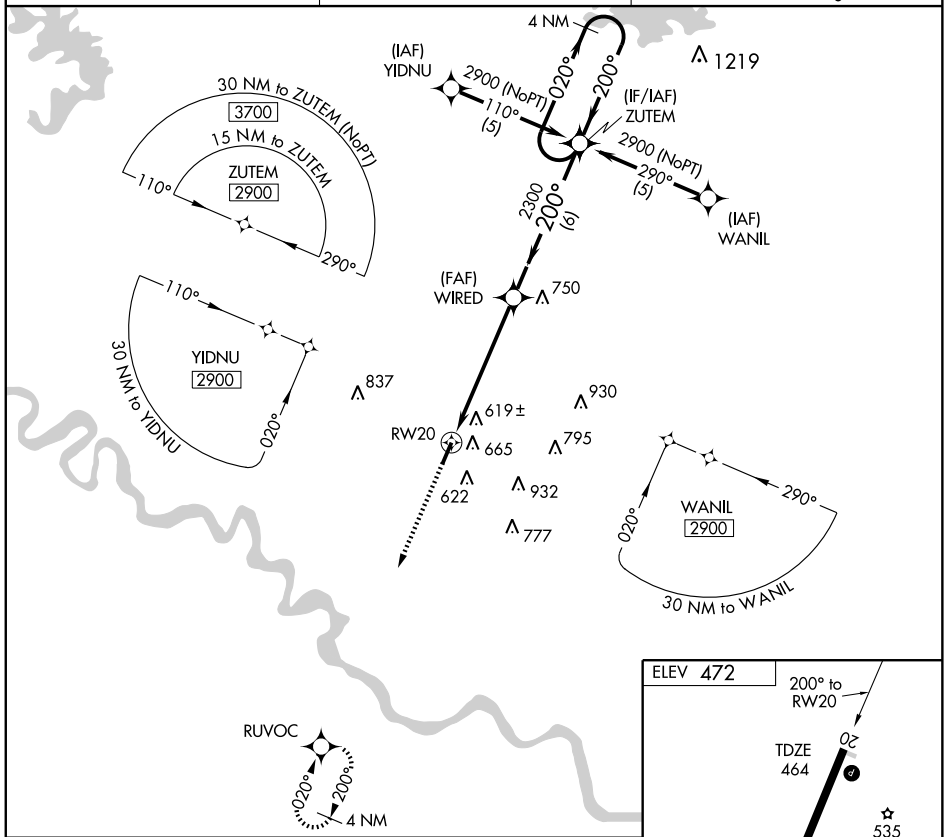
RNAV (GPS) RWY 20

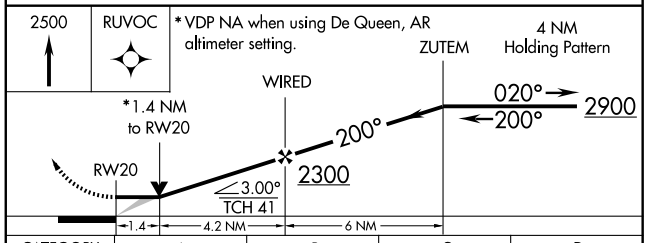
IDABEL/ MC CURTAIN COUNTY RGNL (404)

If local altimeter setting not received, use De Queen, AR altimeter setting and increase all MDAs 80 feet.
NA
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

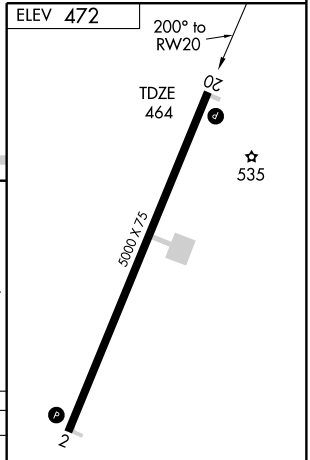
MISSED APPROACH: Climb to 2500 direct RUVOC and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
120.0	123.925 269.475	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	960-1 496 (500-1)		960-1¼ 496 (500-1¼)	NA
CIRCLING	1020-1 548 (600-1)		1020-1½ 548 (600-1½)	NA



REIL Rwys 2 and 20
MIRL Rwy 2-20 L

SC-1, 17 DEC 2009 to 14 JAN 2010

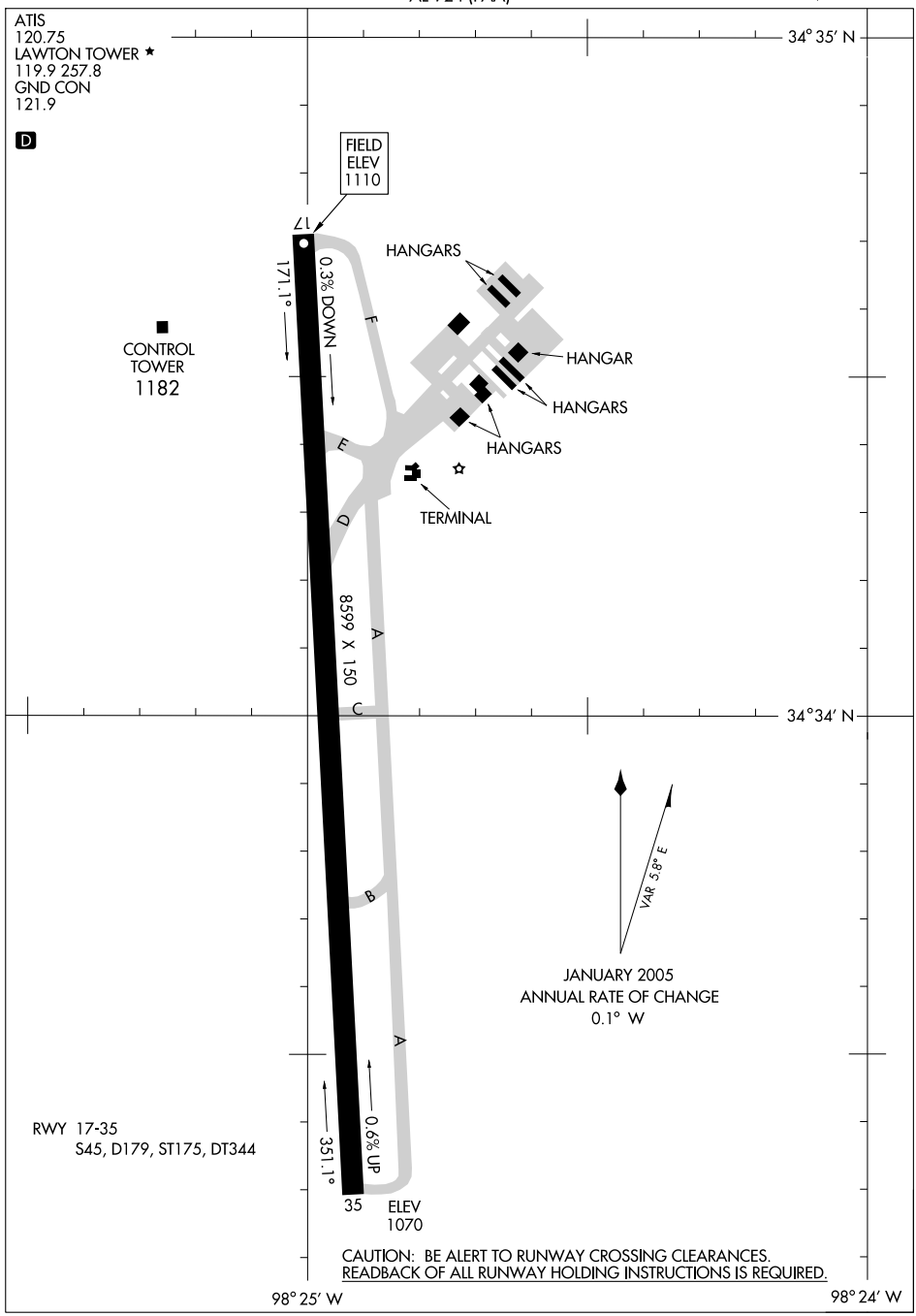
09295

AIRPORT DIAGRAM

AL-924 (FAA)

LAWTON-FORT SILL RGNL (LAW)

LAWTON, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8599
351°	TDZE	1089
	Apt Elev	1110

GPS RWY 35

LAWTON-FORT SILL RGNL (LAW)

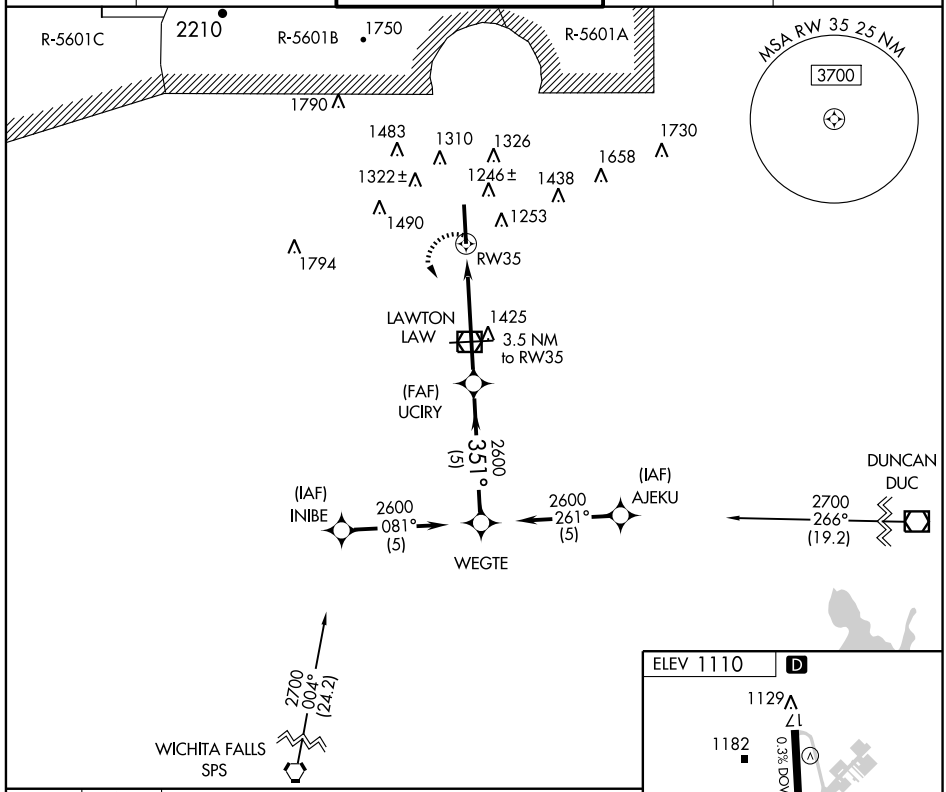
NA

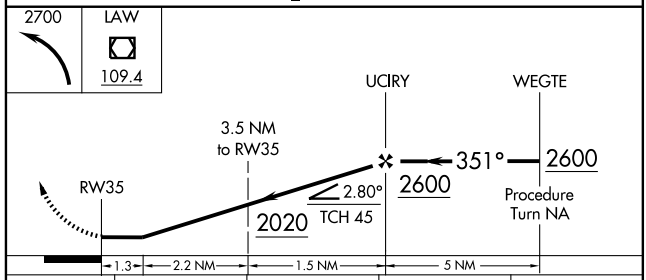
ASR

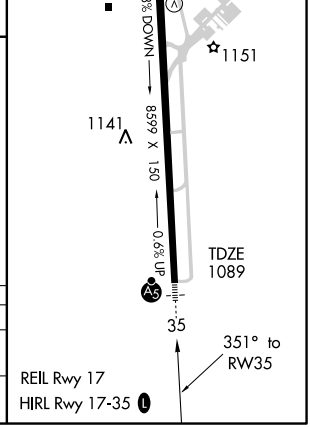
MALSR

MISSED APPROACH: Climbing left turn to 2700 direct LAW VOR/DME.

ATIS	FORT SILL APP CON	LAWTON TOWER ★	GND CON	UNICOM
120.75	120.55 322.4	119.9 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-35	1560-½	471 (500-½)	1560-¾ 471 (500-¾)	1560-1 471 (500-1)
CIRCLING	1600-1	490 (500-1)	1620-1½ 510 (600-1½)	1680-2 570 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-LAW	APP CRS	Rwy Idg	8599
109.1	351°	TDZE	1089
		Apt Elev	1110

ILS or LOC RWY 35

LAWTON-FORT SILL RGNL (LAW)

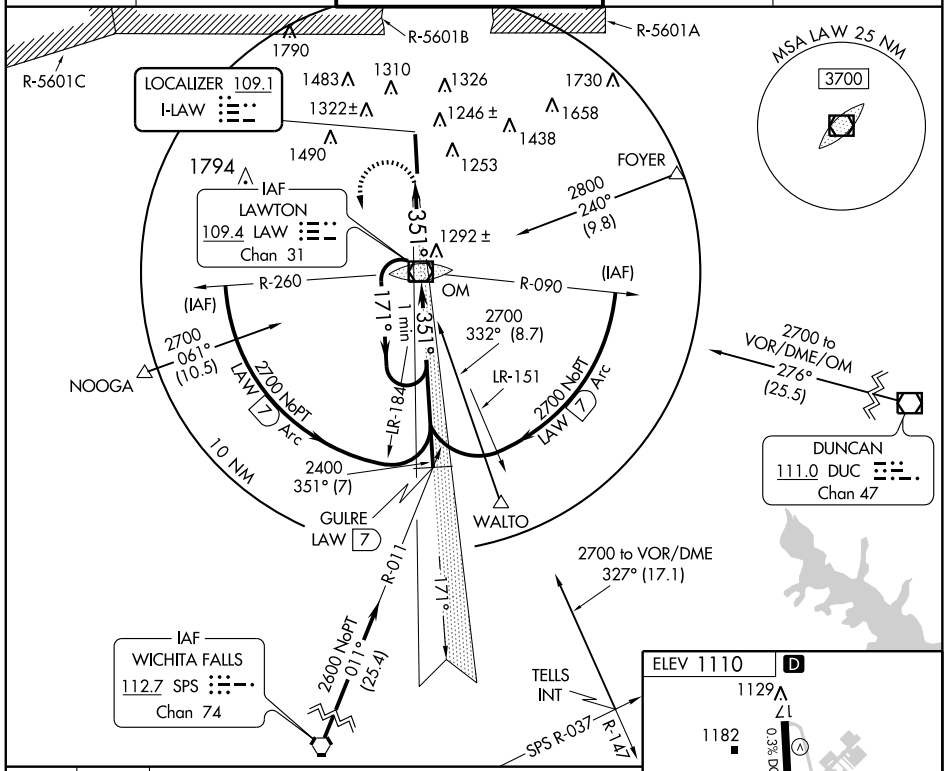
ASR

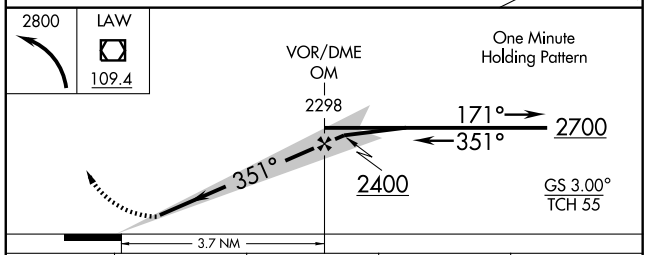
Autopilot coupled approach NA below 2000.

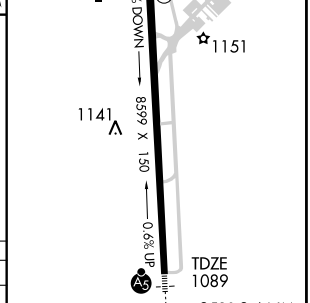
MALSR

MISSED APPROACH: Climbing left turn to 2800 direct LAW VOR/DME and hold.

ATIS	FORT SILL APP CON	LAWTON TOWER ★	GND CON	UNICOM
120.75	120.55 322.4	119.9 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-ILS 35	1289-½ 200 (200-½)			
S-LOC 35	1520-½ 431 (500-½)		1520-¾ 431 (500-¾)	1520-1 431 (500-1)
CIRCLING	1600-1 490 (500-1)		1620-1½ 510 (600-1½)	1680-2 570 (600-2)

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME LAW 109.4 Chan 31	APP CRS 349°	Rwy Idg 8599 TDZE 1089 Apt Elev 1110

VOR RWY 35

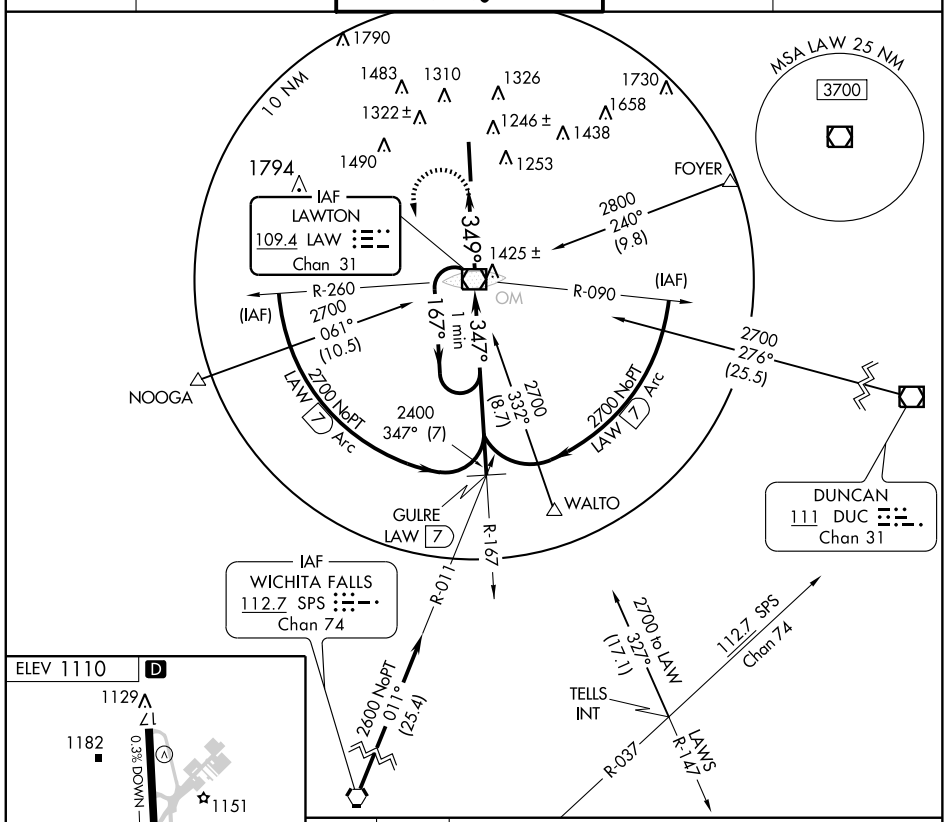
LAWTON-FORT SILL RGNL (LAW)

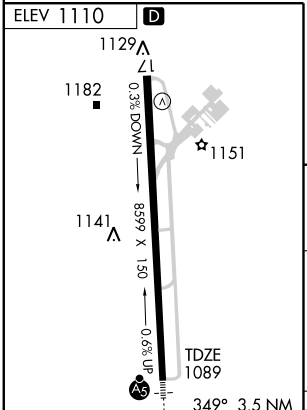
ASR

MALSR

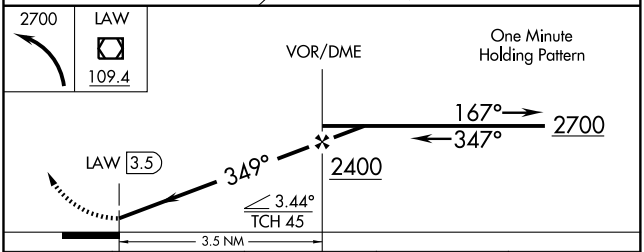
MISSED APPROACH: Climbing left turn to 2700 direct LAW VOR/DME and hold.

ATIS	FORT SILL APP CON	LAWTON TOWER ★	GND CON	UNICOM
120.75	120.55 322.4	119.9 (CTAF) L 257.8	121.9	122.95





FAF to MAP 3.5 NM					
Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10



CATEGORY	A	B	C	D
S-35	1560-½	471 (500-½)	1560-¾ 471 (500-¾)	1560-1 471 (500-1)
CIRCLING	1600-1	490 (500-1)	1620-1½ 510 (600-1½)	1680-2 570 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

COPTER NDB RWY 17

NDB HMY 512	APCH CRS 169°	Rwy ldg 2005 TDZE 1091 Arpt Elev 1091

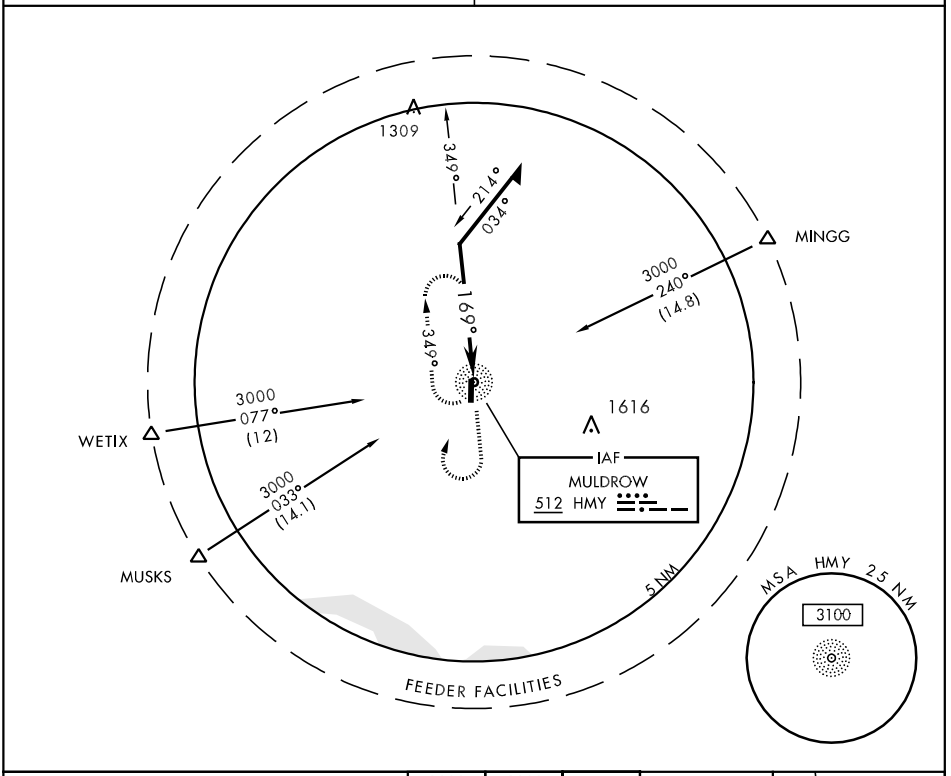
AL-2497 [USA]

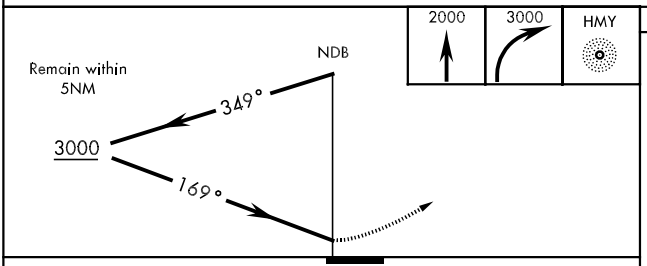
MULDROW AHP (KHMY)

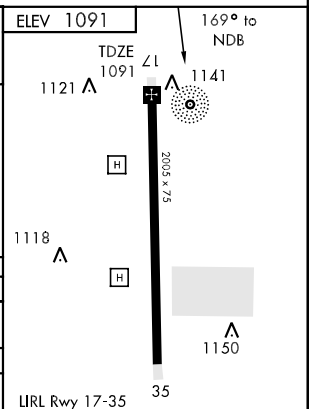
NA Obtain local altimeter setting on CTAF; when not received, use University of Oklahoma Westheimer altimeter setting minimums.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct HMY NDB and hold.

FORT WORTH CENTER	MULDROW OPS (Advsy Svc only)
128.1 322.4	46.9 142.45 387.9 (CTAF)







CATEGORY	COPTER
H-17	1620-1 529 (600-1)
UNIVERSITY OF OKLAHOMA WESTHEIMER ALTIMETER SETTING MINIMUMS	
H-17	1680-1 589 (600-1)

COPTER NDB RWY 35

NDB HMY 512	APCH CRS 359°	Rwy ldg 2005 TDZE 1091 Arpt Elev 1091

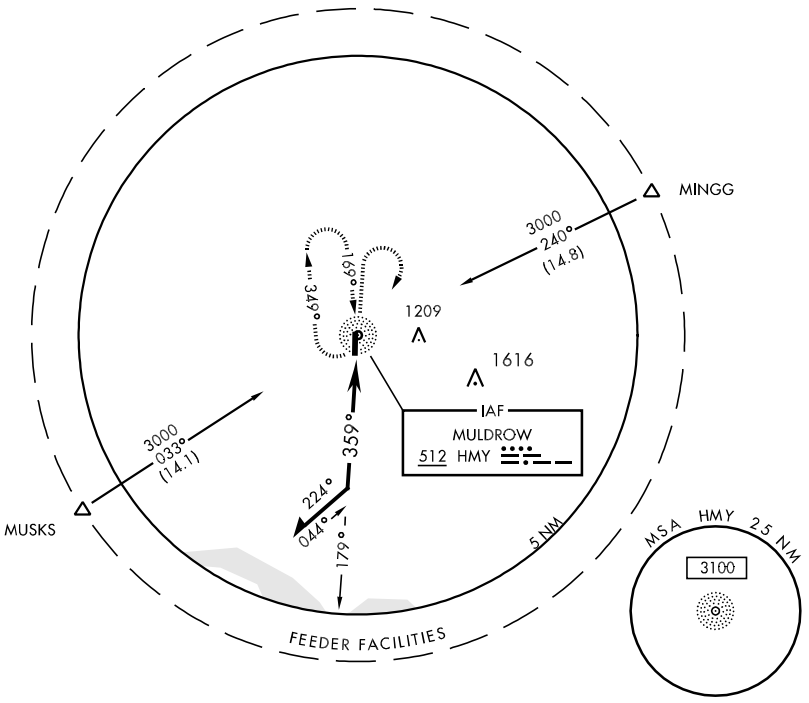
AL-2497 [USA]

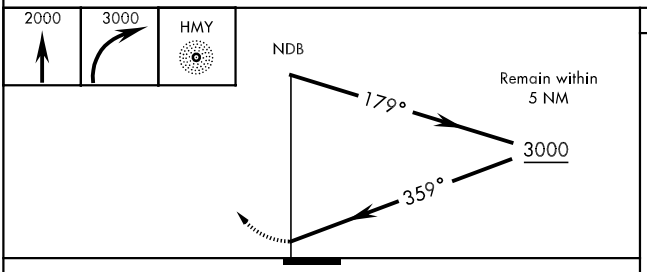
MULDROW AHP (KHMY)

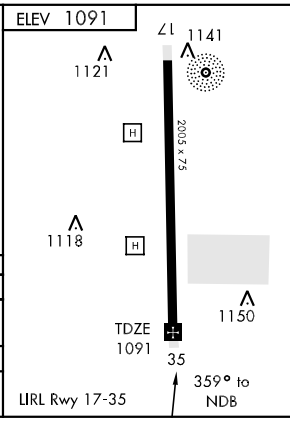
NA Obtain local altimeter setting on CTAF; when not received, use University of Oklahoma Westheimer altimeter setting minimums.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct HMY NDB and hold.

FORT WORTH CENTER	MULDROW OPS (Advsy Svc only)
128.1 322.4	46.9 142.45 387.9 (CTAF)







CATEGORY	COPTER
H-35	1520-1 429 (500-1)
UNIVERSITY OF OKLAHOMA WESTHEIMER ALTIMETER SETTING MINIMUMS	
H-35	1580-1 489 (500-1)

COPTER RNAV (GPS) RWY 17

APCH CRS	Rwy ldg	2005
175°	TDZE	1091
	Arpt Elev	1091

AL-2497 [USA]

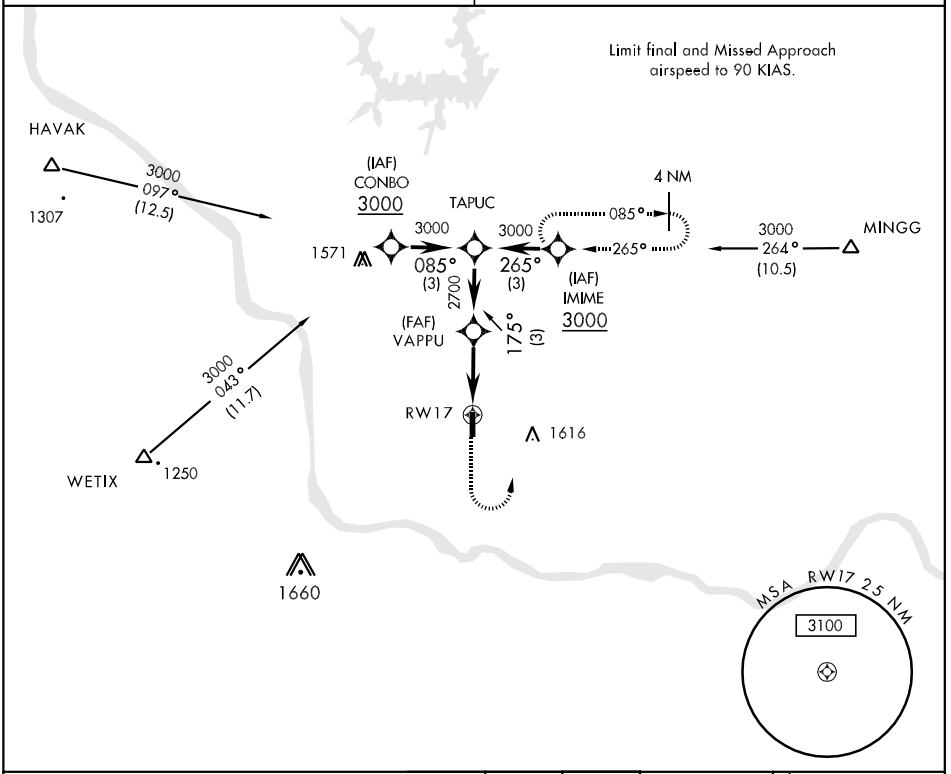
MULDROW AHP (KHMY)

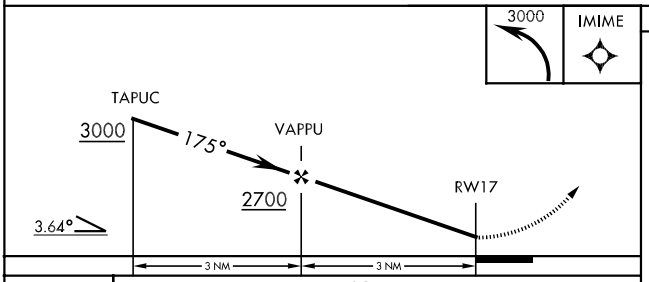
NA Obtain local altimeter setting on CTAF; when not received, use University of Oklahoma Westheimer altimeter setting minimums.
DME/DME RNP-0.3 NA

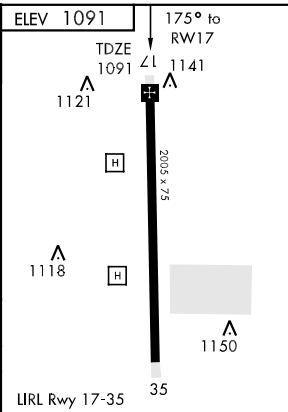
MISSED APPROACH: Climbing left turn to 3000 direct IMIME and hold.

FORT WORTH CENTER	MULDROW OPS (Advsy Svc only)
128.1 322.4	46.9 142.45 387.9 (CTAF)

Limit final and Missed Approach airspeed to 90 KIAS.







CATEGORY	COPTER
LNAV MDA	1540-1 449 (500-1)
UNIVERSITY OF OKLAHOMA WESTHEIMER ALTIMETER SETTING MINIMUMS	
LNAV MDA	1600-1 509 (600-1)

COPTER RNAV (GPS) RWY 35

APCH CRS	Rwy ldg	2005
355°	TDZE	1091
	Arpt Elev	1091

AL-2497 [USA]

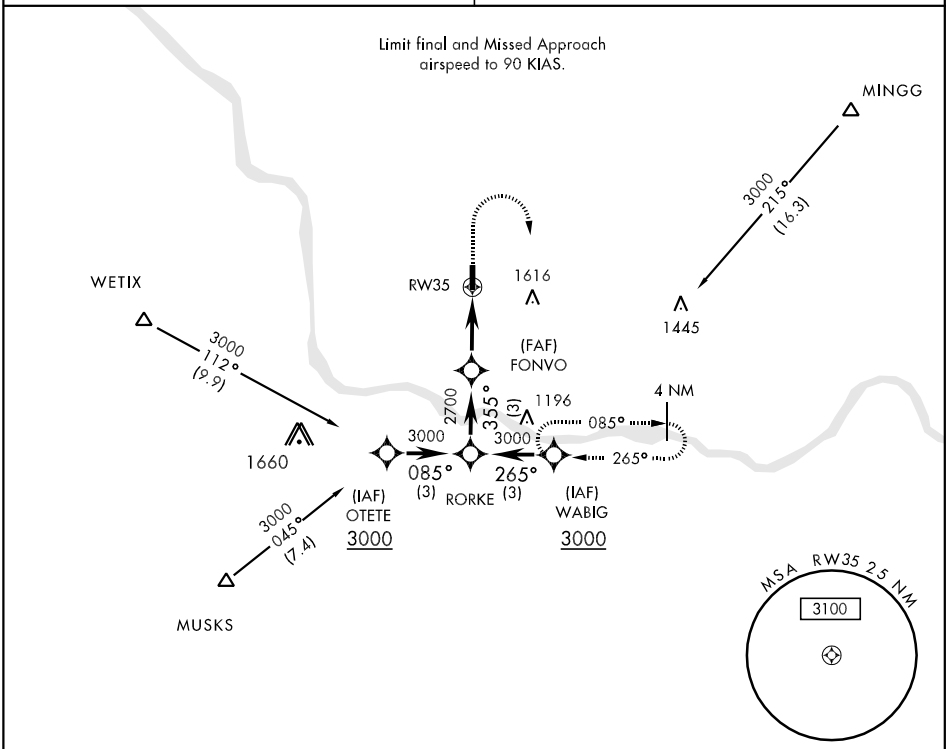
MULDROW AHP (KHMY)

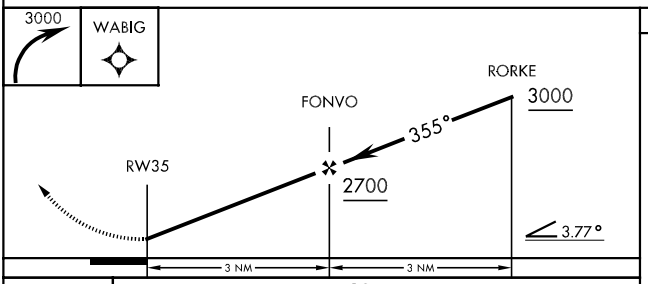
⚠ NA — Obtain local altimeter setting on CTAF; when not received, use University of Oklahoma Westheimer altimeter setting minimums. DME/DME RNP-0.3 NA

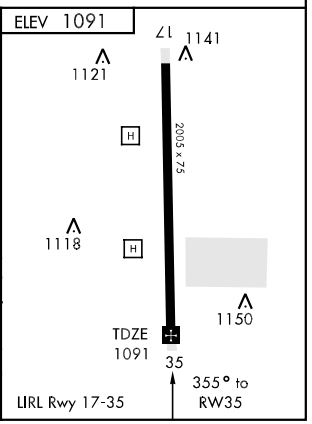
MISSED APPROACH: Climbing right turn to 3000 direct WABIG and hold.

FORT WORTH CENTER	MULDROW OPS (Advsy Svc only)
128.1 322.4	46.9 142.45 387.9 (CTAF)

Limit final and Missed Approach airspeed to 90 KIAS.







CATEGORY	COPTER
LNAV MDA	1500-1 409 (500-1)
UNIVERSITY OF OKLAHOMA WESTHEIMER ALTIMETER SETTING MINIMUMS	
LNAV MDA	1560-1 469 (500-1)

RNAV (GPS) RWY 18

MADILL MUNI (1F4)

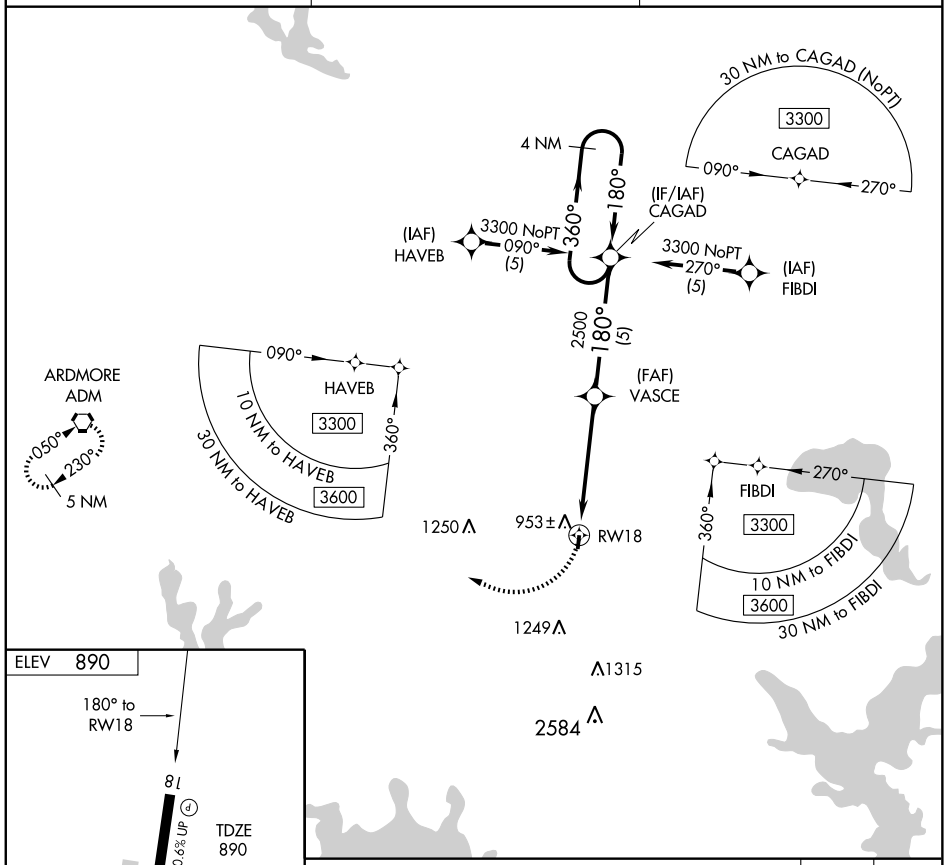
APP CRS	Rwy Idg	3005
180°	TDZE	890
	Apt Elev	890

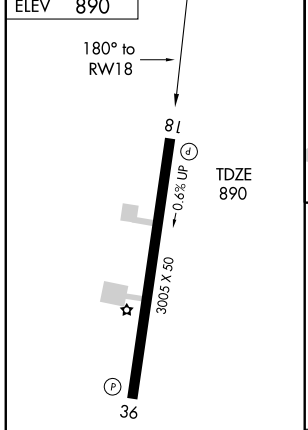
Use Ardmore Downtown Executive altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

NA

MISSED APPROACH: Climbing right turn to 2600 direct ADM VORTAC and hold.

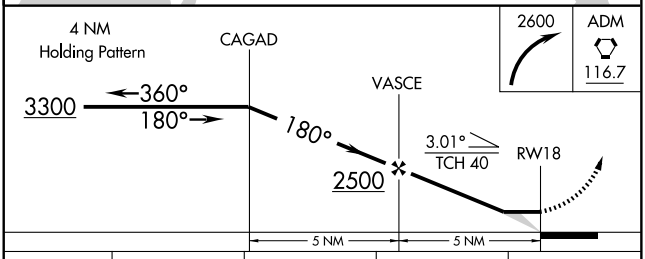
ARDMORE DOWNTOWN AWOS-3	FORT WORTH CENTER	CTAF
118.15	128.1 327.15	122.9 L





MIRL Rwy 18-36 L

REIL Rwys 18 and 36



CATEGORY	A	B	C	D
LNAV MDA	1260-1	370 (400-1)	NA	
CIRCLING	1360-1	470 (500-1)	NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

MADILL, OKLAHOMA

AL-6462 (FAA)

VORTAC ADM 116.7 Chan 114	APP CRS 097°	Rwy Idg N/A TDZE N/A Apt Elev 890

VOR/DME-A

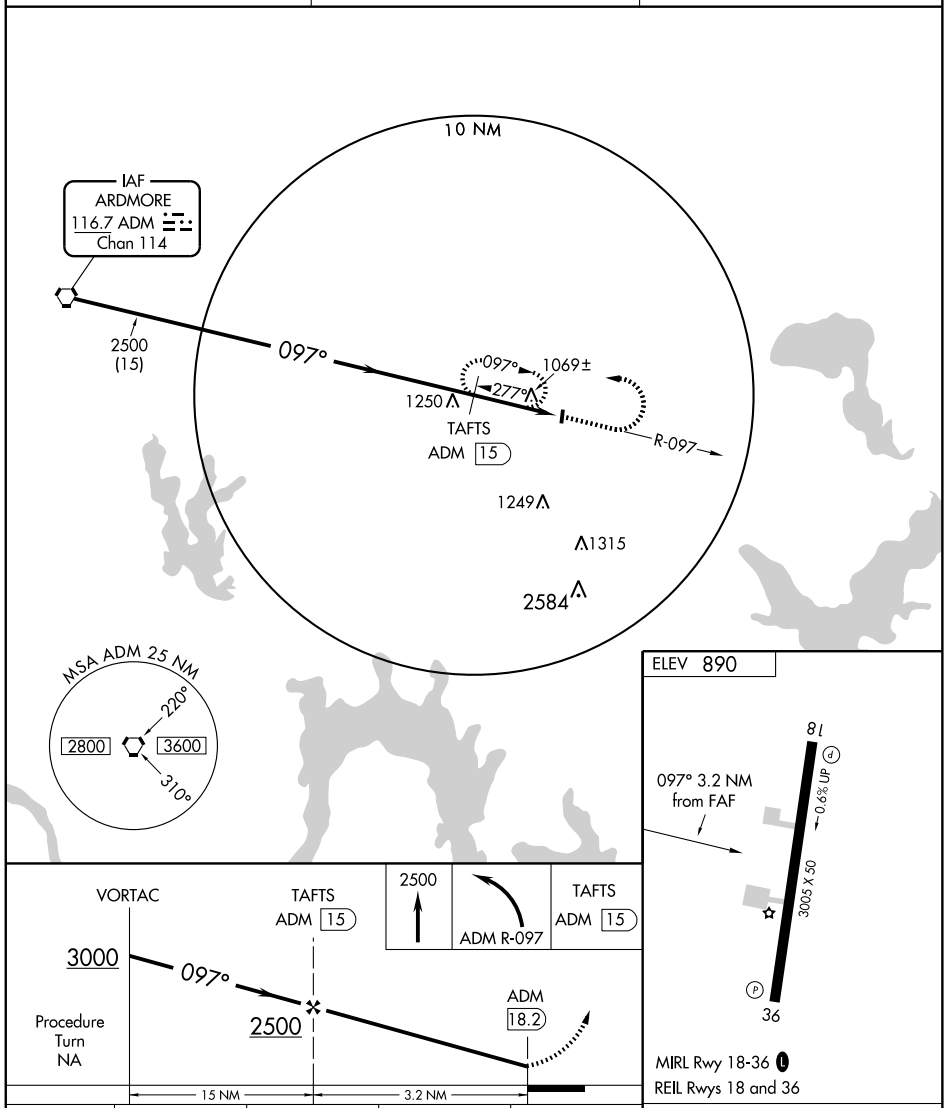
MADILL MUNI (1F4)

Use Ardmore Downtown altimeter setting; if not received, use McAlester altimeter setting and increase all MDAs 180 feet.

NA

MISSED APPROACH: Climb to 2500, then left turn via ADM R-097 to TAFTS 15 DME and hold.

ARDMORE DOWNTOWN AWOS-3 118.15	FORT WORTH CENTER 128.1 327.15	CTAF 122.9 L



CATEGORY	A	B	C	D
CIRCLING	1420-1 530 (600-1)		NA	

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4200
172°	TDZE	1634
	Apt Elev	1644

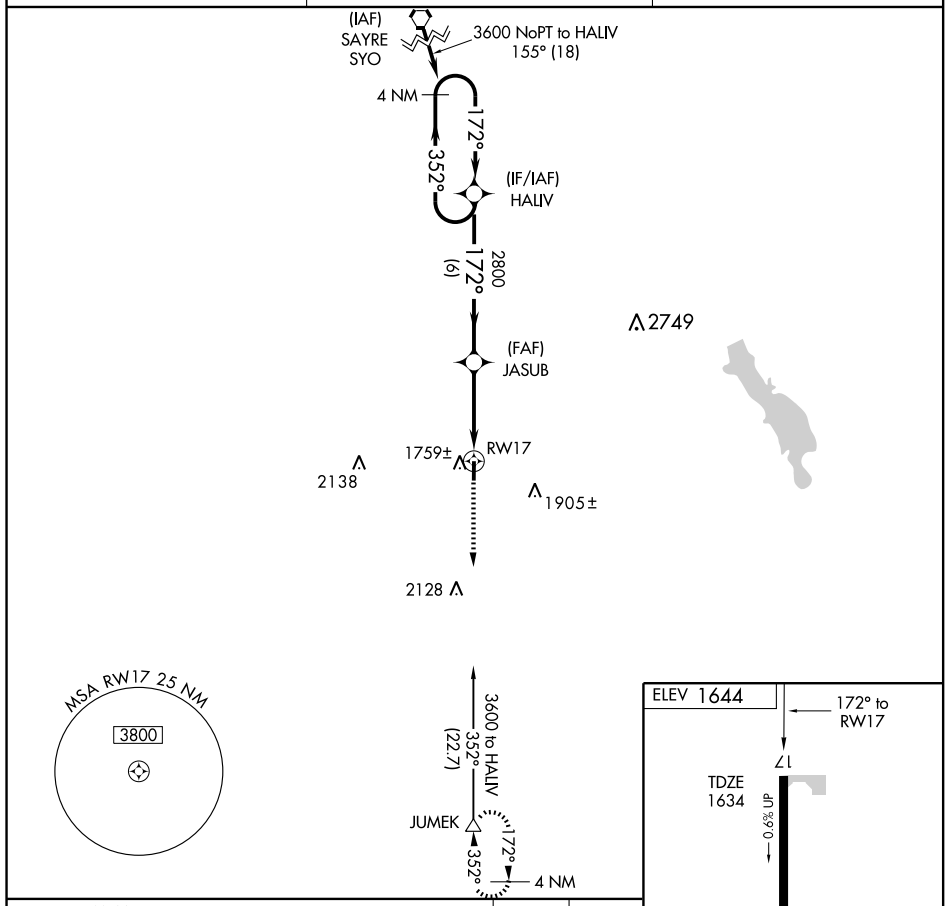
RNAV (GPS) RWY 17

MANGUM/SCOTT FIELD (2K4)

NA Use Hobart Rgnl altimeter setting; if not received, use Frederick Muni altimeter setting and increase all MDAs 100 feet. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3700 direct JUMEK and hold.

HOBART ASOS	ALTUS APP CON★	CTAF
133.325	125.1 257.725	122.9



CATEGORY	A	B	C	D
LNAV MDA	2160-1 526 (600-1)		2160-1½ 526 (600-1½)	NA
CIRCLING	2220-1 576 (600-1)		2220-1½ 576 (600-1½)	NA

MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4200
352°	TDZE	1643
	Apt Elev	1644

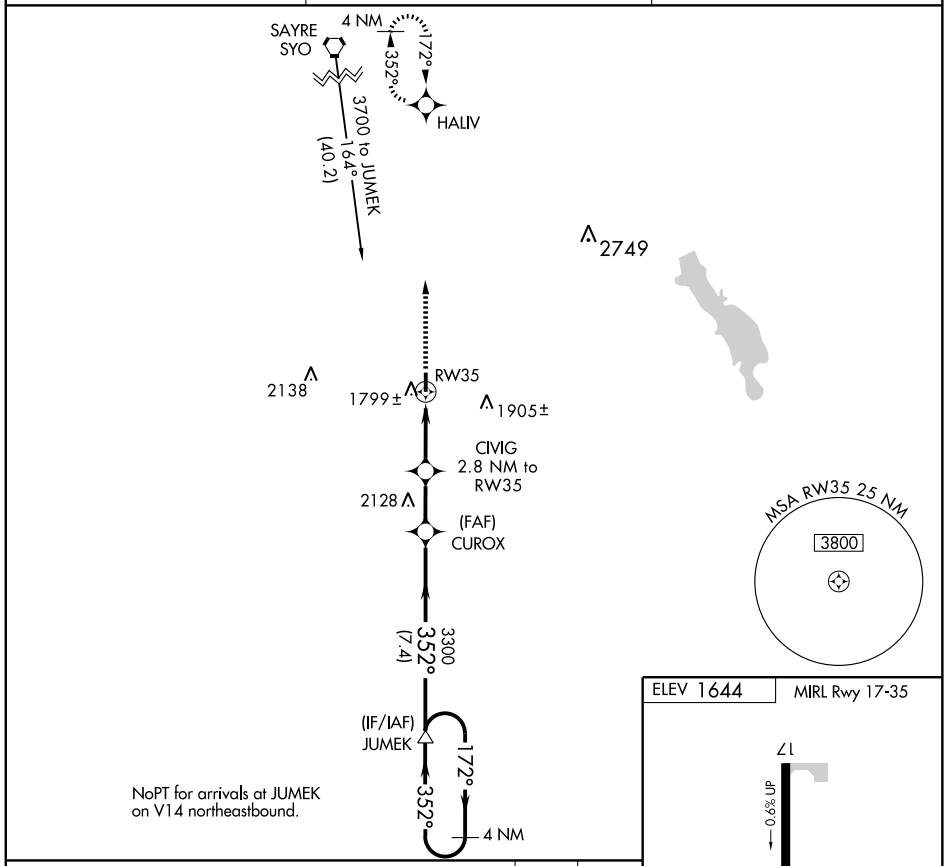
RNAV (GPS) RWY 35

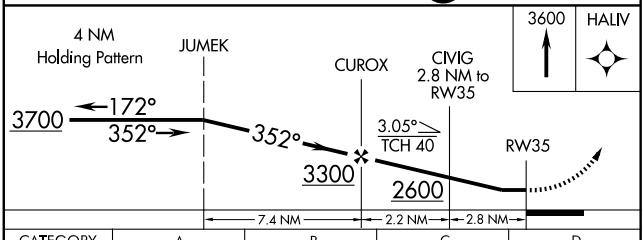
MANGUM/ SCOTT FIELD (2K4)

NA Use Hobart Rgnl altimeter setting; if not received, use Frederick Muni altimeter setting and increase all MDAs 100 feet. DME/DME RNP-0.3 NA.

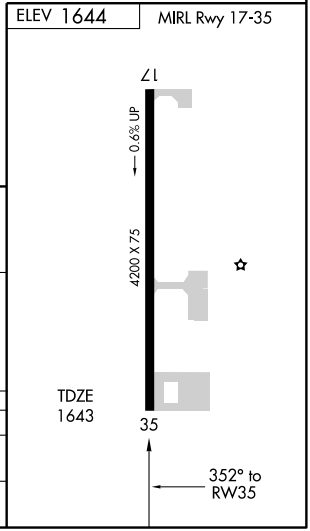
MISSED APPROACH: Climb to 3600 direct HALIV and hold.

HOBART ASOS	ALTUS APP CON*	CTAF
133.325	125.1 257.725	122.9





CATEGORY	A	B	C	D
LNAV MDA	2160-1 517 (600-1)		2160-1½ 517 (600-1½)	NA
CIRCLING	2220-1 576 (600-1)		2220-1½ 576 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-MLC	APP CRS	Rwy Idg	5602
108.3	014°	TDZE	755
		Apt Elev	770

LOC RWY 2

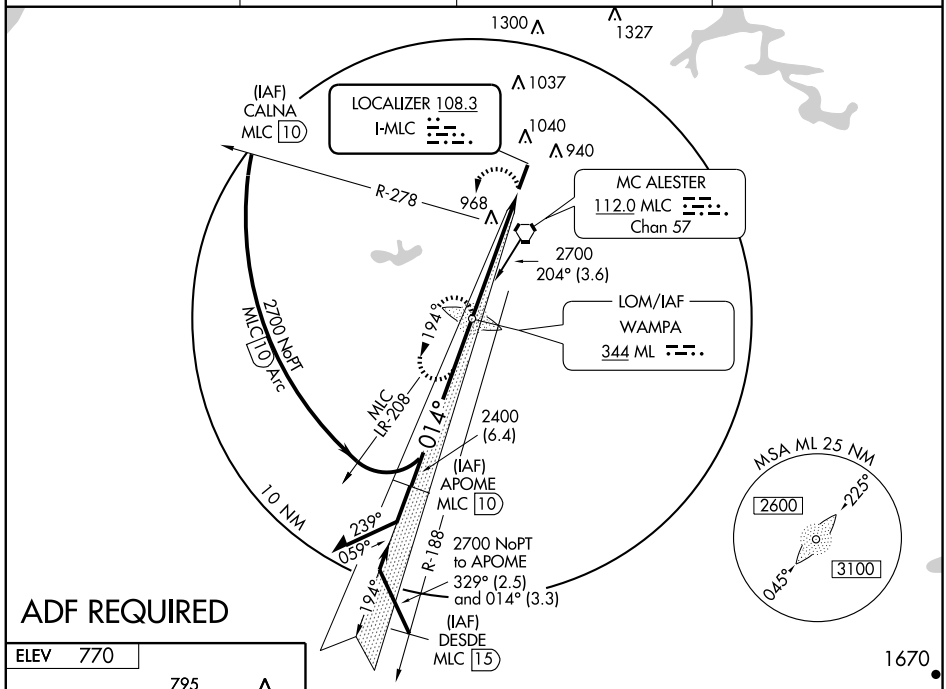
MC ALESTER RGNL (MLC)

T Inoperative table does not apply to Cat C. When local altimeter setting not received, use Ada Muni altimeter setting and increase all MDA 140 feet and S-2 Cats C and D and Circling Cat B visibility ¼ mile and Circling Cats C and D visibility ½ mile. Visibility reduction by helicopters NA.

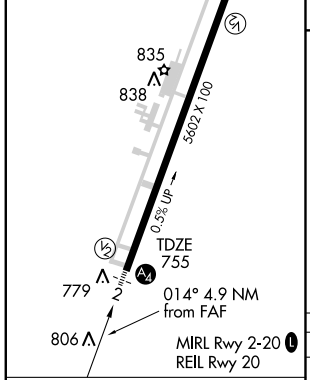
MALS

MISSED APPROACH: Climbing left turn to 2700 direct ML LOM and hold.

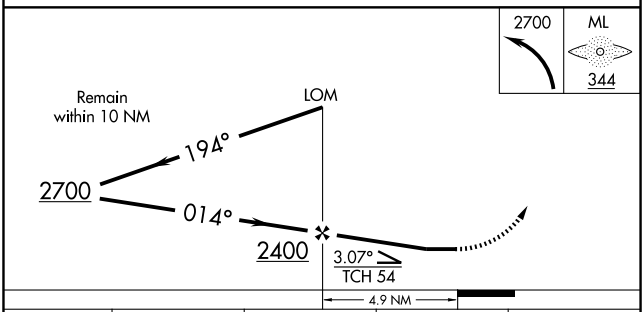
ASOS	FORT WORTH CENTER	MC ALESTER RADIO	UNICOM
135.125	132.2 338.35	122.65	122.95 (CTAF) L



ADF REQUIRED



FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-2	1200-¾ 445 (500-¾)		1200-1¼ 445 (500-1¼)	1200-1½ 445 (500-1½)
CIRCLING	1400-1 630 (700-1)		1400-1¾ 630 (700-1¾)	1400-2 630 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50201 W02A	APP CRS 014°	Rwy Idg 5602 TDZE 755 Apt Elev 770

RNAV (GPS) RWY 2

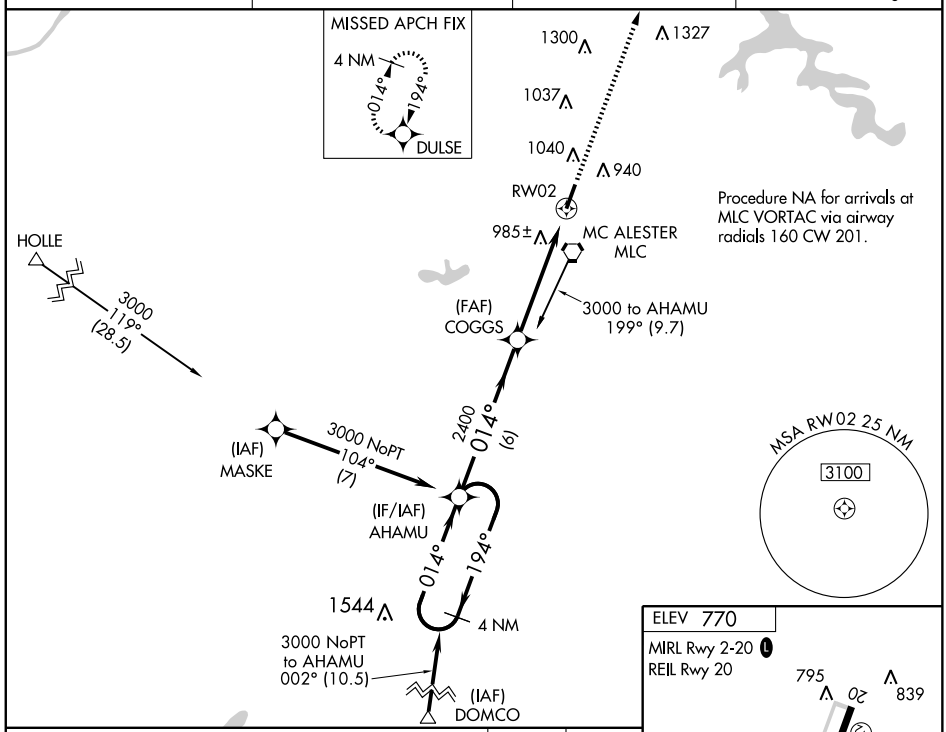
MC ALESTER RGNL (MLC)

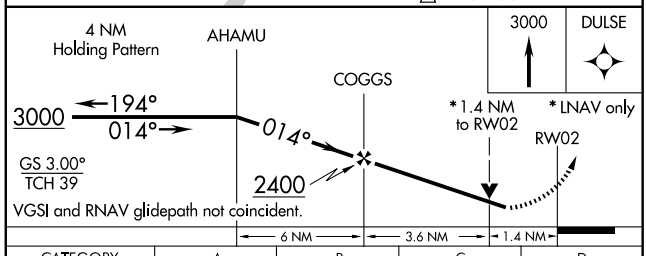
T A Inoperative table does not apply to LPV all Cats, LNAV/VNAV all Cats and LNAV Cat C. Baro-VNAV NA when using Ada Muni altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). DME/DME RNP-0.3 NA. VDP NA when using Ada Muni altimeter setting. Visibility reduction by helicopters NA. When local altimeter setting not received, use Ada Muni altimeter setting and increase all DA/MDA 140 feet, and all visibilities ½ mile.

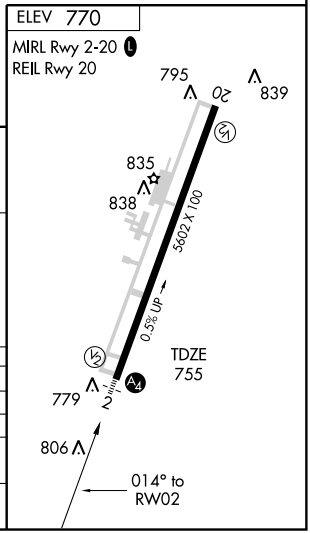
MALS

MISSED APPROACH: Climb to 3000 direct DULSE and hold.

ASOS	FORT WORTH CENTER	MC ALESTER RADIO	UNICOM
135.125	132.2 338.35	122.65	122.95 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		1200-1¾	445 (500-1¾)	
LNAV/VNAV DA		1291-2	536 (600-2)	
LNAV MDA	1240-¾ 485 (500-¾)		1240-1¼ 485 (500-1¼)	1240-1½ 485 (500-1½)
CIRCLING	1400-1 630 (700-1)		1400-1¾ 630 (700-1¾)	1400-2 630 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5602
194°	TDZE	770
	Apt Elev	770

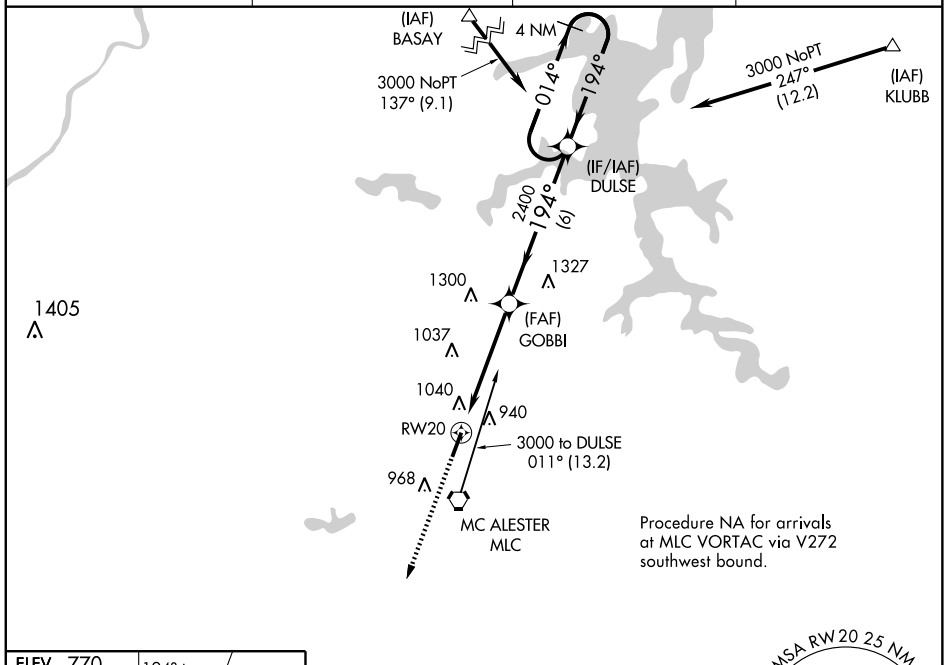
RNAV (GPS) RWY 20

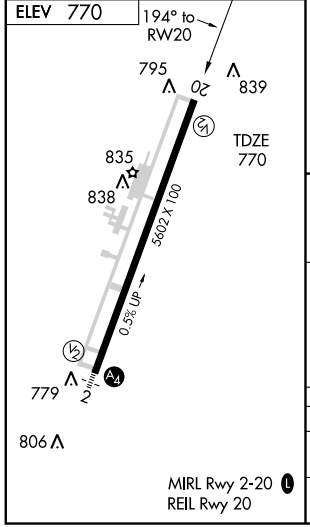
MC ALESTER RGNL (MLC)

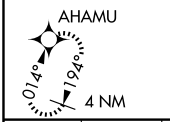
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Ada Muni altimeter setting and increase all MDA 140 feet, and increase LNAV Cat C and D visibility ½ mile and Circling Cat C and D visibility ¼ mile. Visibility reduction by helicopters NA.

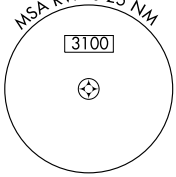
MISSED APPROACH: Climb to 3000 direct AHAMU and hold.

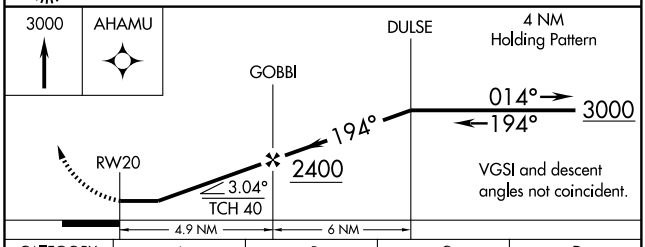
ASOS	FORT WORTH CENTER	MC ALESTER RADIO	UNICOM
135.125	132.2 338.35	122.65	122.95 (CTAF) L











CATEGORY	A	B	C	D
LNAV MDA	1340-1	570 (600-1)	1340-1½ 570 (600-1½)	1340-1¾ 570 (600-1¾)
CIRCLING	1400-1	630 (700-1)	1400-1¾ 630 (700-1¾)	1400-2 630 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

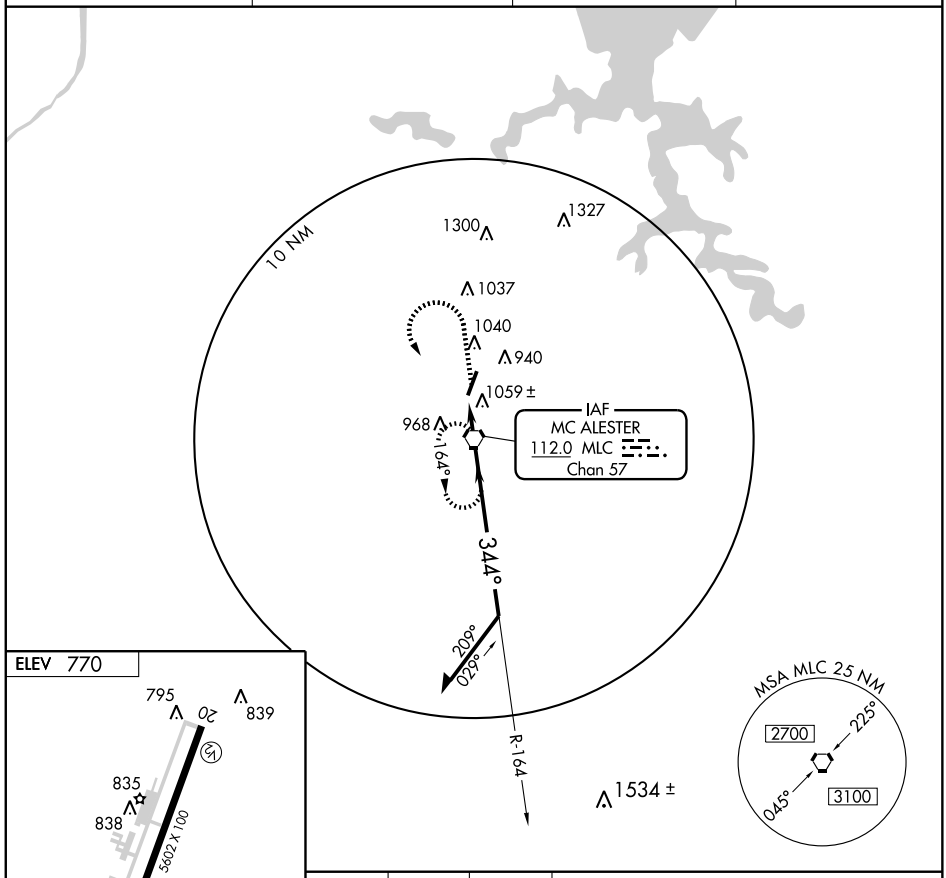
VORTAC MLC	APP CRS	Rwy Idg	N/A
112.0	344°	TDZE	N/A
Chan 57		Apt Elev	770

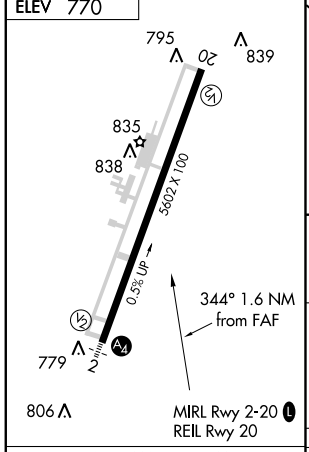
VOR-A

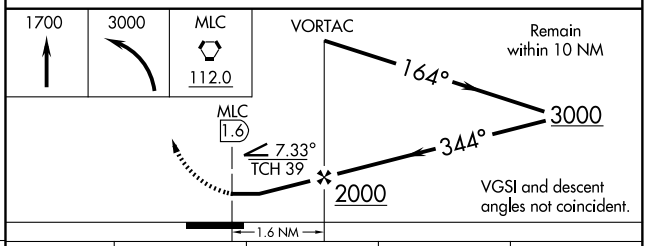
MC ALESTER RGNL (MLC)

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct MLC VORTAC and hold.

ASOS	FORT WORTH CENTER	MC ALESTER RADIO	UNICOM
135.125	132.2 338.35	122.65	122.95 (CTAF)







FAF to MAP 1.6 NM					
Knots	60	90	120	150	180
Min:Sec	1:36	1:04	0:48	0:38	0:32

CATEGORY	A	B	C	D
CIRCLING	1400-1	630 (700-1)	1400-1¾ 630 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC MLC	APP CRS	Rwy Idg	5602
112.0	174°	TDZE	770
Chan 57		Apt Elev	770

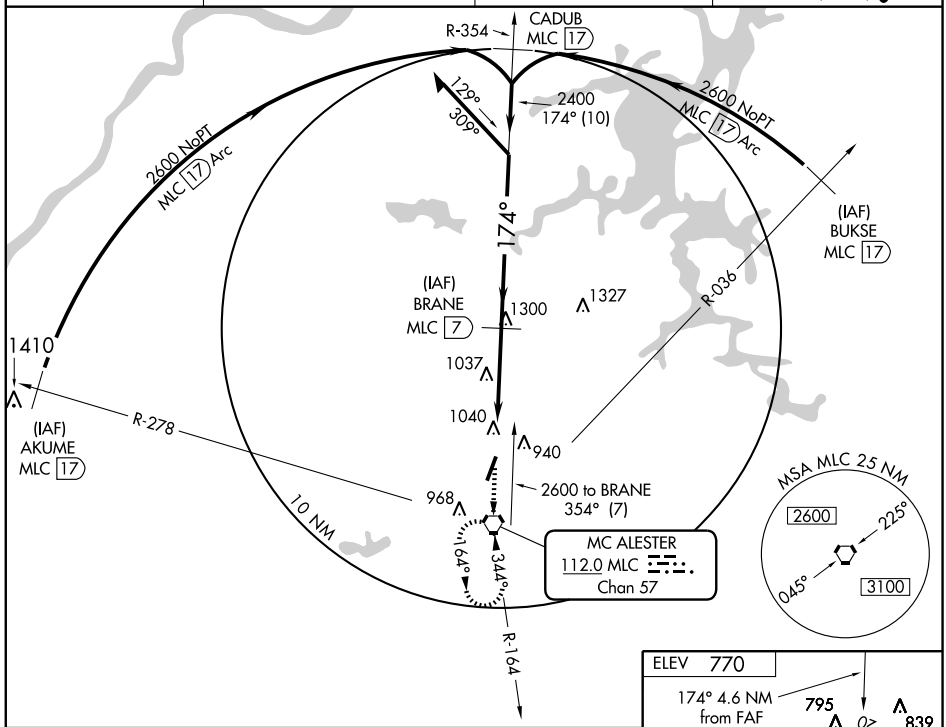
VOR/DME RWY 20

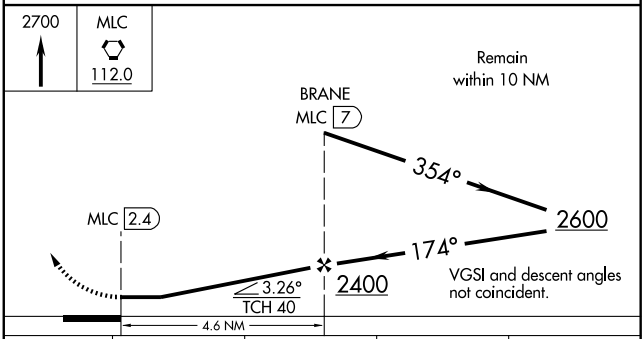
MC ALESTER RGNL (MLC)

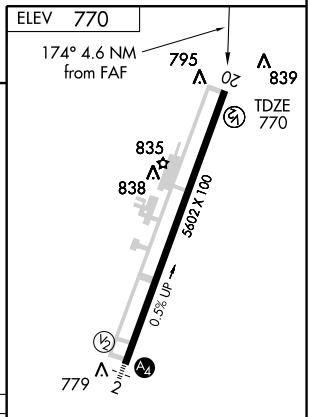
When local altimeter setting not received, use Ada Muni altimeter setting and increase all MDA 140 feet and S-20 Cats C and D visibility ½ mile, and Circling Cats C and D visibility ¼ mile.

MISSED APPROACH: Climb to 2700 direct MLC VORTAC and hold, continue climb-in hold to 2700.

ASOS	FORTH WORTH CENTER	MC ALESTER RADIO	UNICOM
135.125	132.2 338.35	122.65	122.95 (CTAF) L







CATEGORY	A	B	C	D
S-20	1340-1	570 (600-1)	1340-1½ 570 (600-1½)	1340-1¾ 570 (600-1¾)
CIRCLING	1400-1	630 (700-1)	1400-1¾ 630 (700-1¾)	1400-2 630 (700-2)

MIRL Rwy 2-20 L
REIL Rwy 20

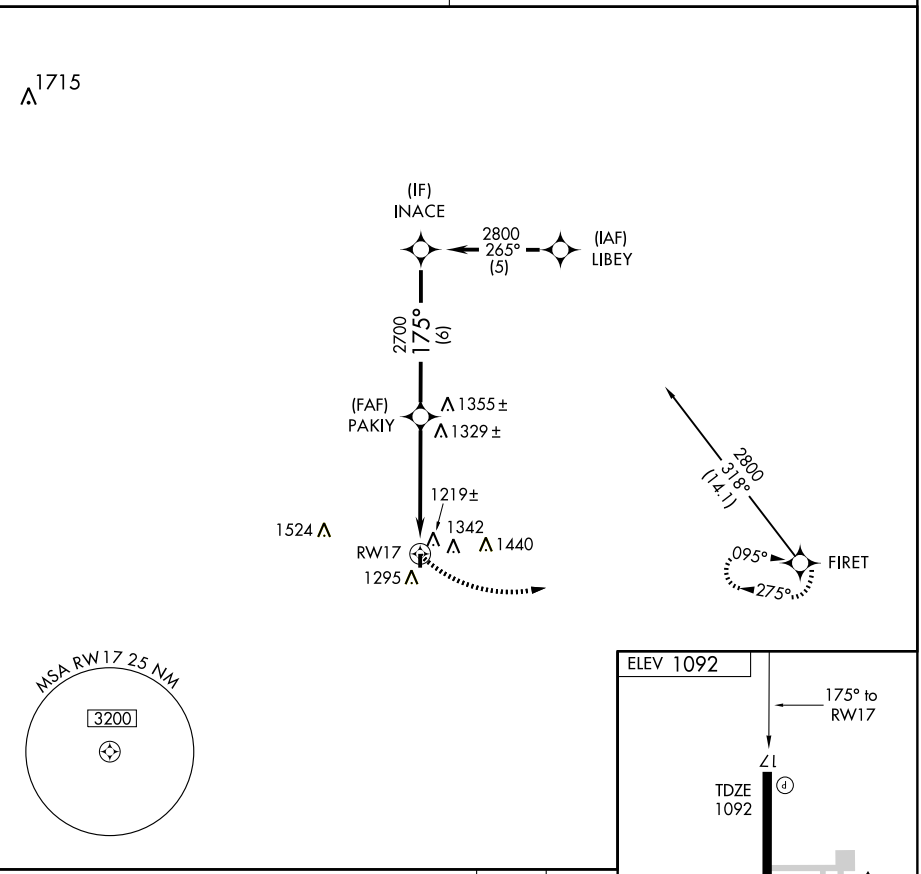
SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3007
175°	TDZE	1092
	Apt Elev	1092

RNAV (GPS) RWY 17

MEDFORD MUNI (O53)

⚠ NA Use Ponca City Rgnl altimeter setting. Procedure NA at night. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climbing left turn to 5000 direct FIRET and hold.
VANCE APP CON★ 118.075 273.475	UNICOM 122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1680-1¼ 588 (600-1¼)		NA	
CIRCLING	1740-1¼ 648 (700-1¼)		NA	

MIRL Rwy 17-35 L

APP CRS	Rwy Idg	3007
355°	TDZE	1085
	Apt Elev	1092

RNAV (GPS) RWY 35

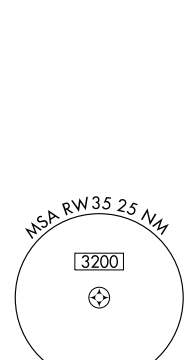
MEDFORD MUNI (O53)

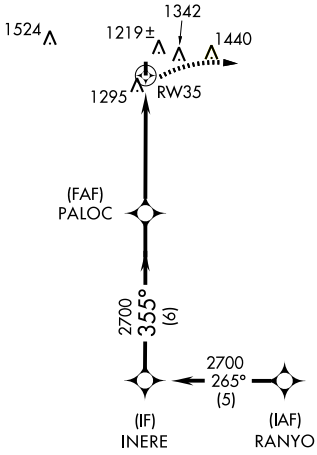
NA Use Ponca City Rgnl altimeter setting. Procedure NA at night. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 5000 direct FIRET and hold.

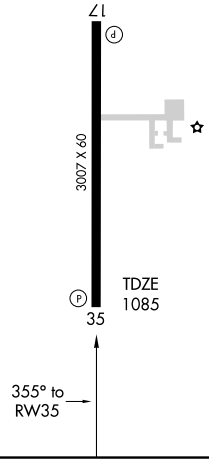
VANCE APP CON ★
118.075 273.475

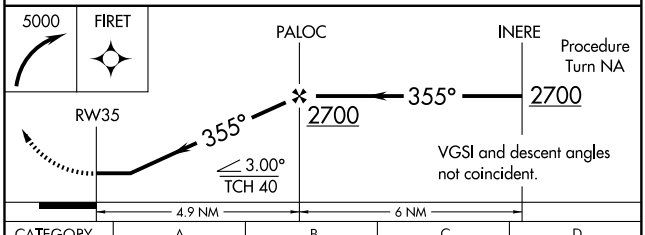
UNICOM
122.8 (CTAF) Ⓛ





ELEV 1092 MIRL Rwy 17-35 Ⓛ





CATEGORY	A	B	C	D
LNAV MDA	1680-1¼ 595 (600-1¼)		NA	
CIRCLING	1740-1¼ 648 (700-1¼)		NA	

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5020
175°	TDZE	808
	Apt Elev	808

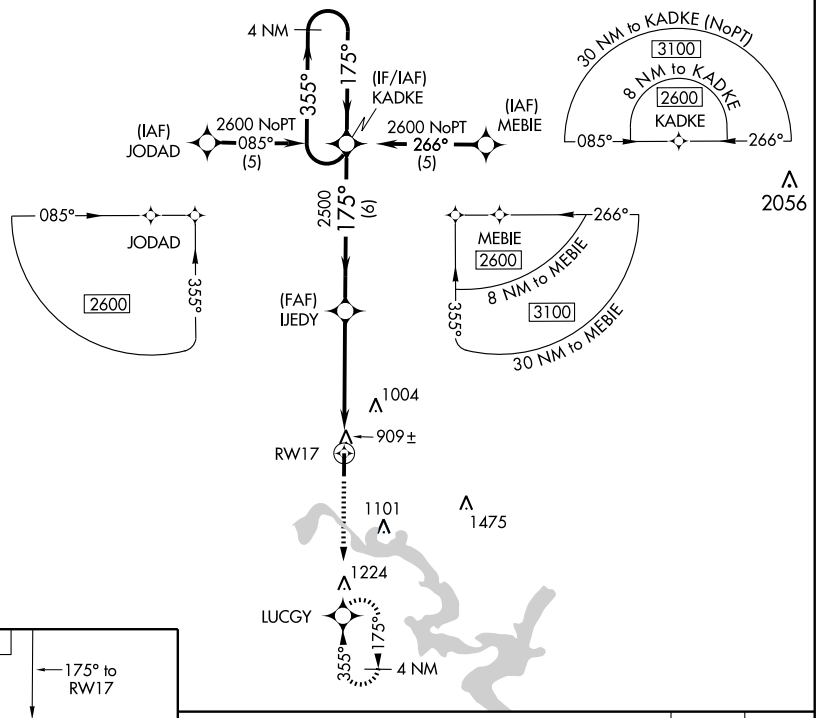
RNAV (GPS) RWY 17

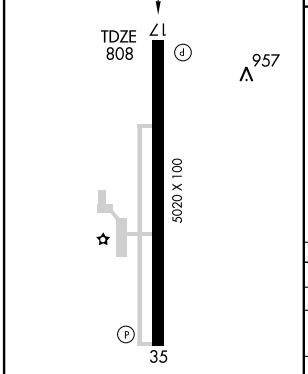
MIAMI MUNI (MIO)

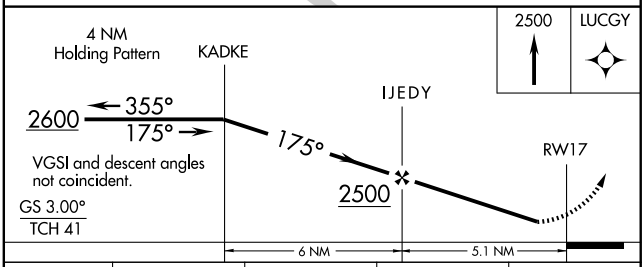
NA Use Joplin Regional altimeter setting.
Baro VNAV NA.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2500 direct LUCGY WP and hold.

KANSAS CITY CENTER	UNICOM
132.9 279.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1240-1½ 432 (500-1½)			NA
LNAV MDA	1300-1 492 (500-1)		1300-1¼ 492 (500-1¼)	NA
CIRCLING	1340-1½ 532 (600-1½)			NA

SC-1, 17 DEC 2009 to 14 JAN 2010

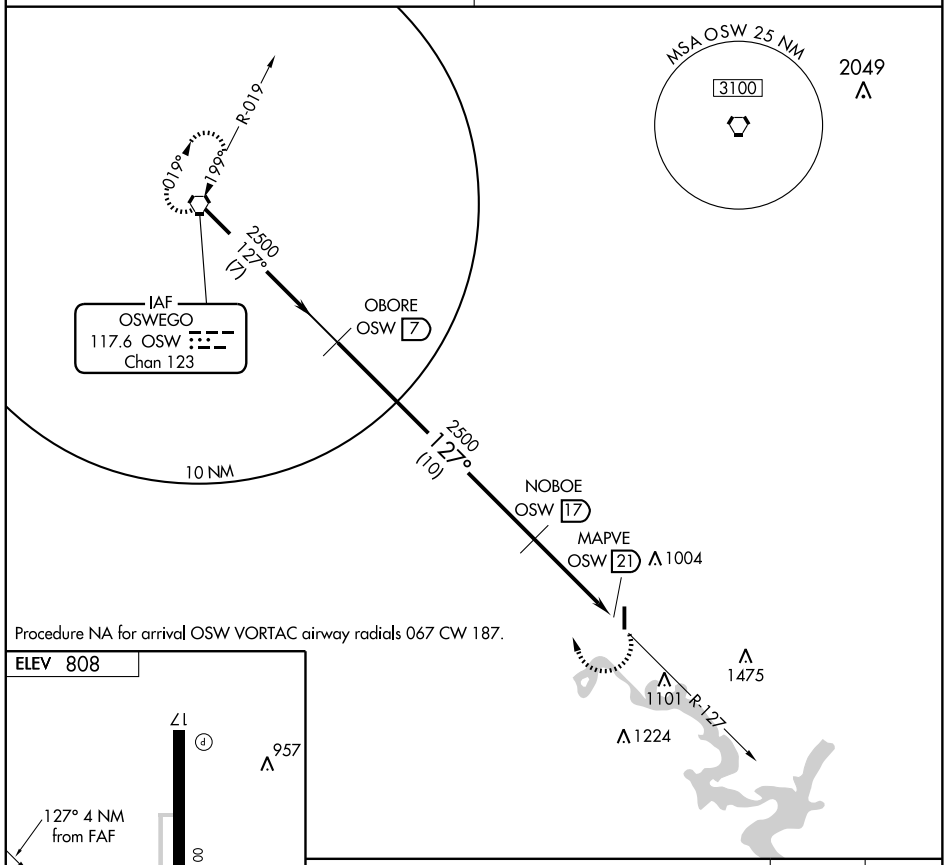
VORTAC OSW 117.6 Chan 123	APP CRS 127°	Rwy Idg N/A TDZE N/A Apt Elev 808

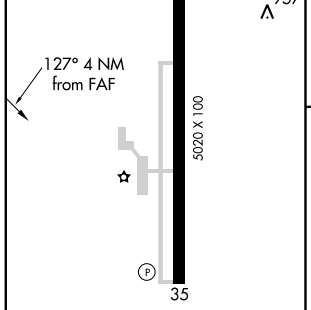
VOR/DME-A
MIAMI MUNI (MIO)

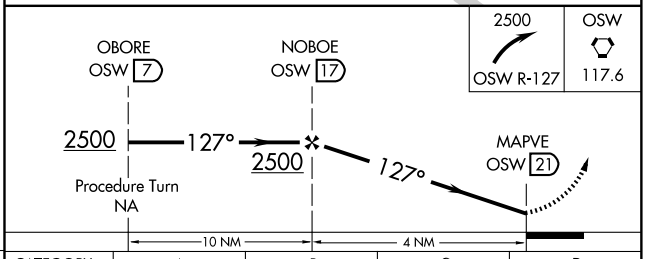
⚠ NA Use Joplin Regional altimeter setting.

MISSED APPROACH: Climbing right turn to 2500 via OSW R-127 to OSW VORTAC and hold.

KANSAS CITY CENTER	UNICOM
132.9 279.5	122.8 (CTAF) L







Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	1340-1 532 (600-1)	1340-1¼ 532 (600-1¼)	1340-1½ 532 (600-1½)	NA

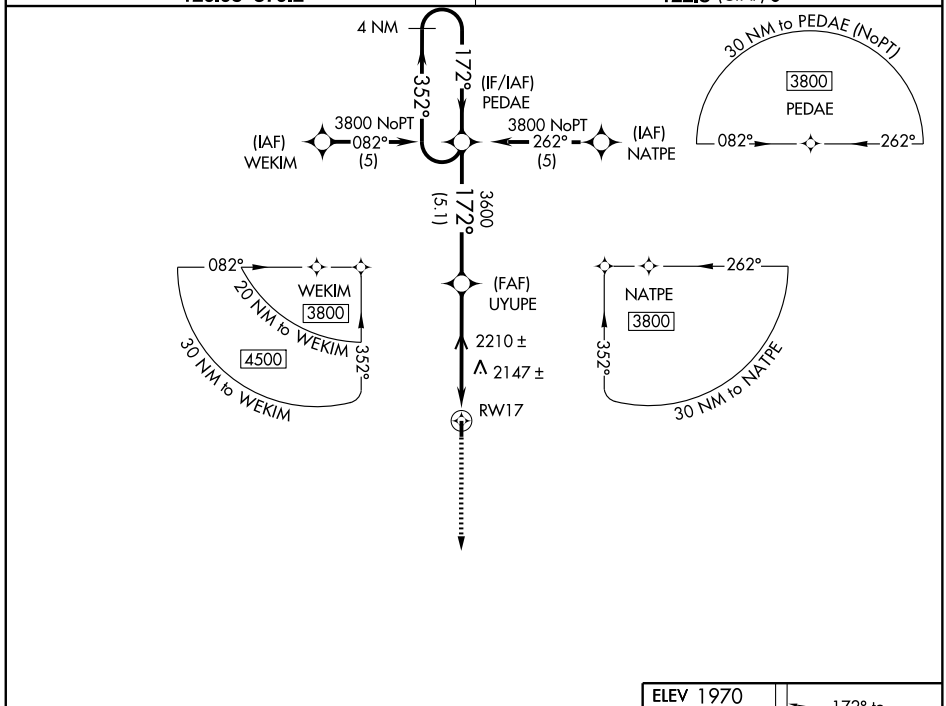
SC-1, 17 DEC 2009 to 14 JAN 2010

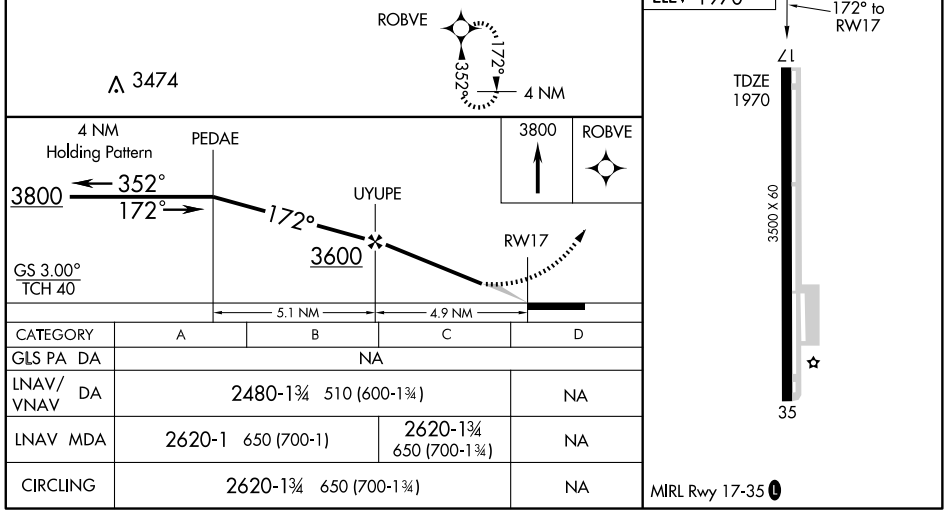
APP CRS	Rwy Idg	3500
172°	TDZE	1970
	Apt Elev	1970

RNAV (GPS) RWY 17

MOORELAND MUNI (MDF)

NA	Use Gage altimeter setting, if not received procedure NA. Baro-VNAV NA. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 3800 direct ROBVE WP and hold.
	KANSAS CITY CENTER 126.95 379.2	UNICOM 122.8 (CTAF) L





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	2480-1¾ 510 (600-1¾)			NA
LNAV MDA	2620-1 650 (700-1)		2620-1¾ 650 (700-1¾)	NA
CIRCLING	2620-1¾ 650 (700-1¾)			NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4498
039°	TDZE	611
	Apt Elev	611

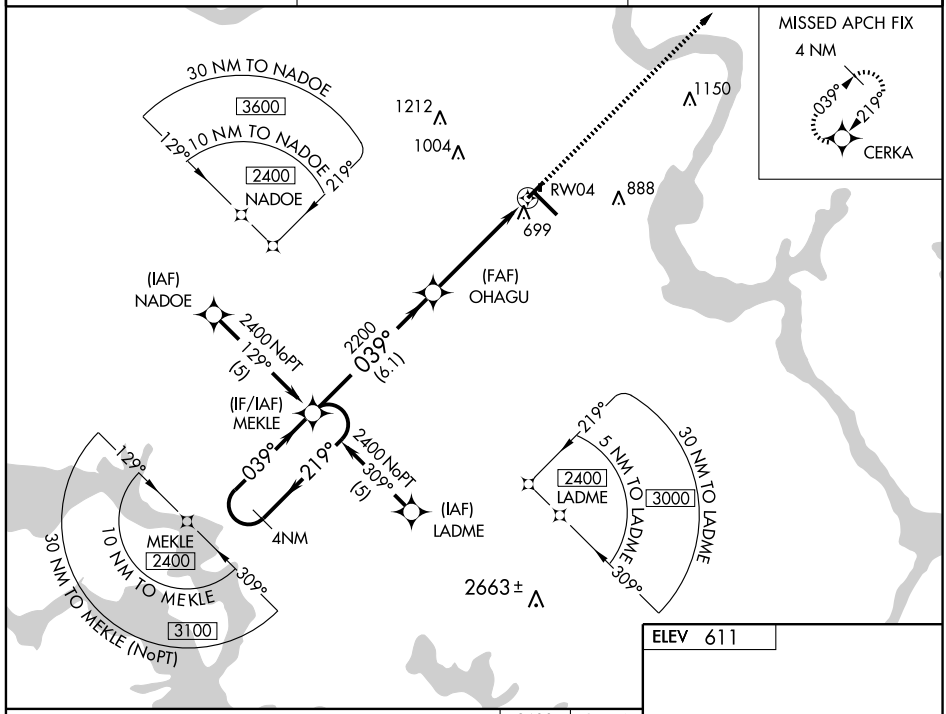
RNAV (GPS) RWY 4

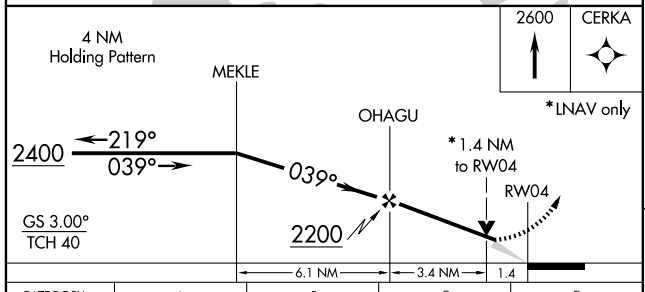
MUSKOGEE/DAVIS FIELD (MKO)

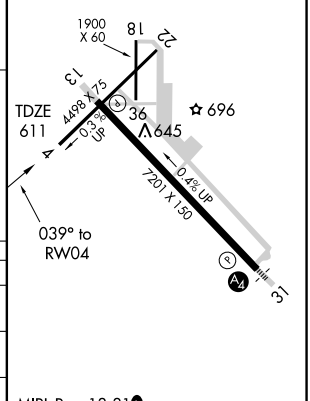
Straight-in minimums NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Tahlequah altimeter setting. When local altimeter setting not received, use Tahlequah altimeter setting and increase DA 92 feet and all visibilities ¼ mile, all MDA 100 feet, Cat C and D visibilities ¼ mile.

MISSED APPROACH: Climb to 2600 direct CERKA and hold.

ASOS	FORT WORTH CENTER	UNICOM
135.025	132.2 338.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV/ VNAV DA	1079-1¾ 468 (500-1¾)			
LNAV MDA	1080-1 469 (500-1)		1080-1¼ 469 (500-1¼)	1080-1½ 469 (500-1½)
CIRCLING	1120-1 509 (600-1)	1160-1 549 (600-1)	1180-1½ 569 (600-1½)	1200-2 589 (600-2)

MIRL Rwy 13-31 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70607 W13A	APP CRS 129°	Rwy Idg 7201 TDZE 607 Apt Elev 611

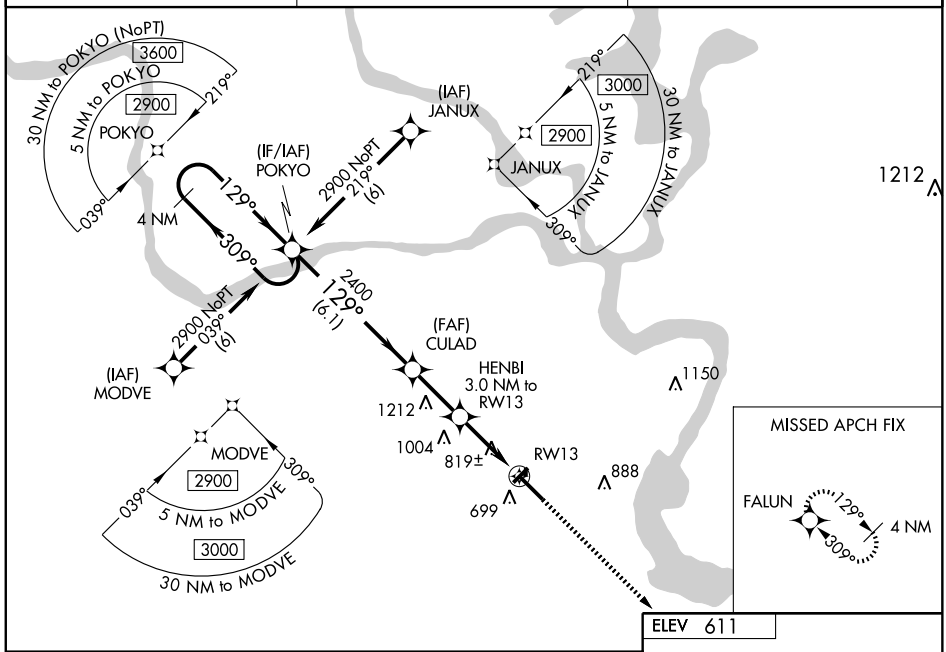
RNAV (GPS) RWY 13

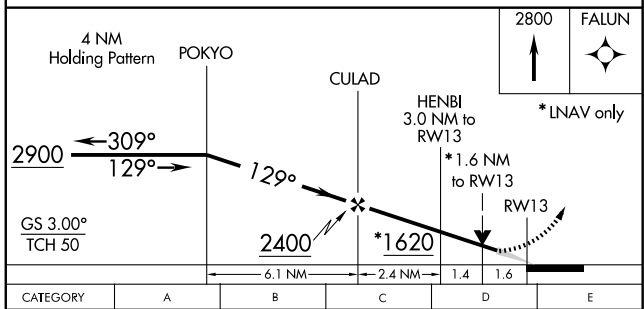
MUSKOGEE/DAVIS FIELD (MKO)

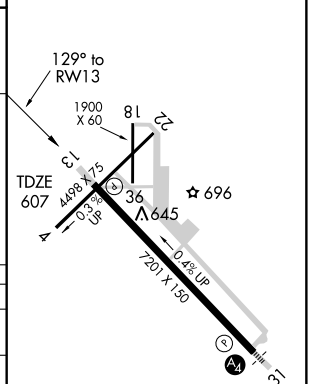
For uncompensated Baro-VNAV systems, procedure NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Tahlequah altimeter setting. When local altimeter setting not received, use Tahlequah altimeter setting and increase all DA 92 feet; increase LPV visibility ½ mile all Cats. Increase LNAV/VNAV visibility ¼ mile all Cats, increase all MDA 100 feet and LNAV Cat C/D/E visibility ½ mile, Circling visibility Cat C/D ¼ mile.

MISSED APPROACH: Climb to 2800 direct FALUN and hold.

ASOS	FORT WORTH CENTER	UNICOM
135.025	132.2 338.35	122.8 (CTAF) L







CATEGORY	A	B	C	D	E
LPV DA	857-¾ 250 (300-¾)				
LNAV/VNAV DA	1142-2 535 (600-2)				
LNAV MDA	1180-1 573 (600-1)		1180-1½ 573 (600-1½)	1180-1¾ 573 (600-1¾)	1180-2 573 (600-2)
CIRCLING	1180-1 569 (600-1)		1180-1½ 569 (600-1½)	1200-2 589 (600-2)	1580-3 969 (1000-3)

MIRL Rwy 13-31 L

SC-1, 17 DEC 2009 to 14 JAN 2010

MUSKOGEE, OKLAHOMA

AL-623 (FAA)

APP CRS	Rwy Idg	4498
219°	TDZE	597
	Apt Elev	611

RNAV (GPS) RWY 22

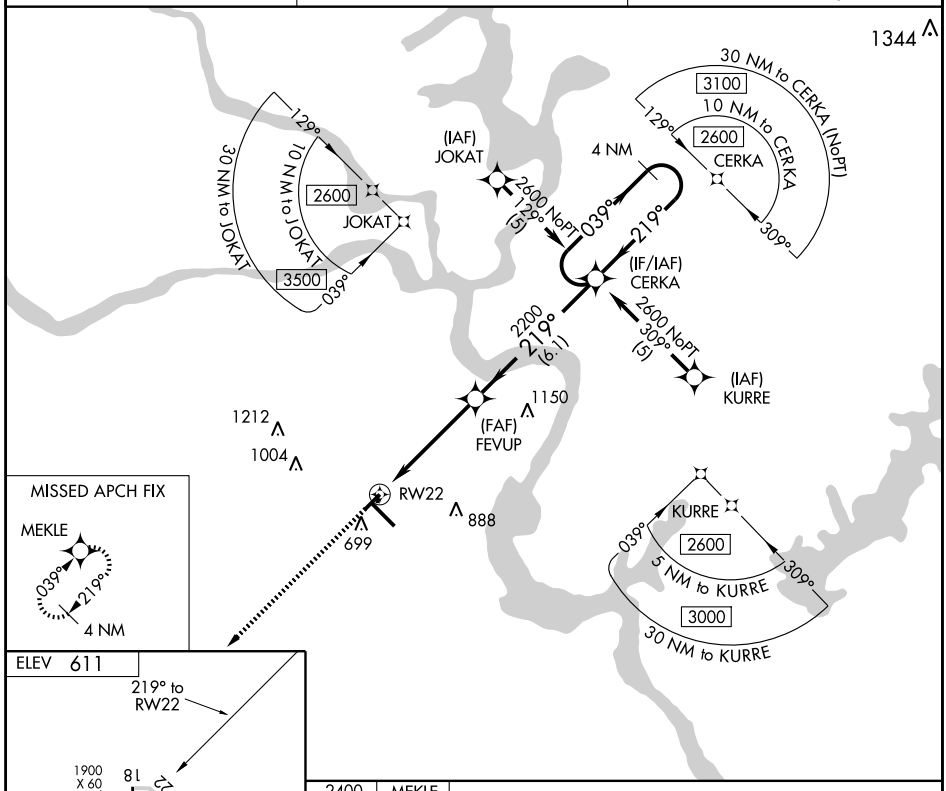
MUSKOGEE/ DAVIS FIELD (MKO)

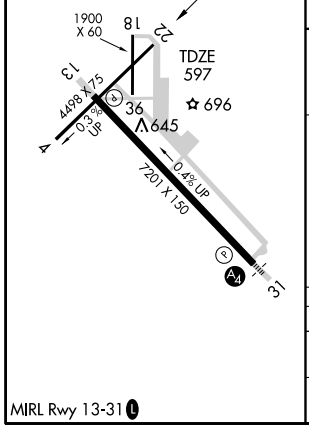
▼ Straight-in minimums NA at night. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Tahlequah altimeter setting and increase all MDA 100 feet, increase LNAV Cat C visibility ¼ mile, Cat D visibility ½ mile, increase circling Cat C visibility ¼ mile.

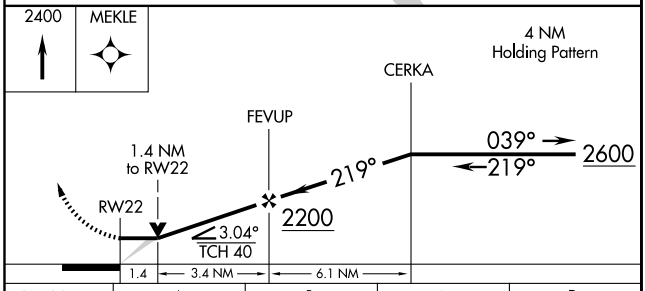
▲

MISSED APPROACH: Climb to 2400 direct MEKLE and hold.

ASOS	FORT WORTH CENTER	UNICOM
135.025	132.2 338.35	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1100-1	503 (500-1)	1100-1½	503 (500-1½)
CIRCLING	1120-1 509 (600-1)	1160-1 549 (600-1)	1180-1½ 569 (600-1½)	1200-2 589 (600-2)

MIRL Rwy 13-31 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 42807 W31B	APP CRS 309°	Rwy Idg 7201 TDZE 593 Apt Elev 611

RNAV (GPS) RWY 31

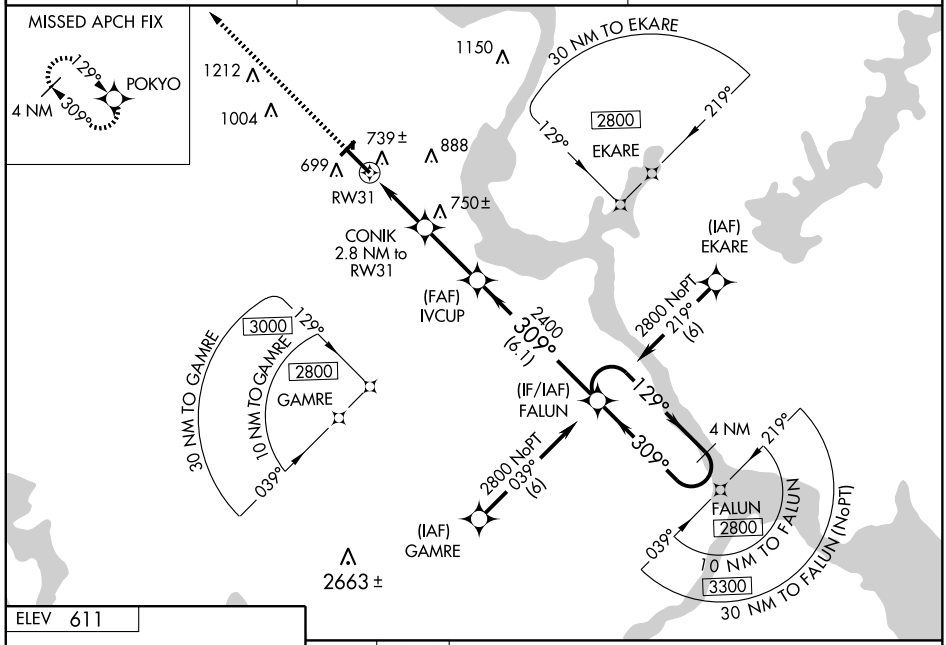
MUSKOGEE/ DAVIS FIELD (MKO)

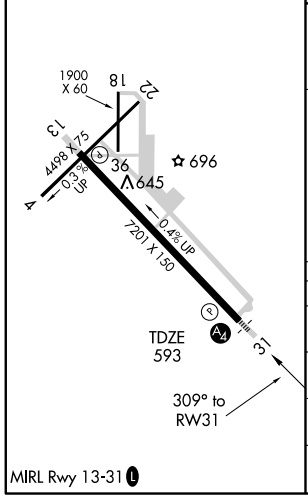
For uncompensated Baro-VNAV systems, procedure NA below -16°C (4°F) or above 47°C (116°F). Baro-VNAV and VDP NA when using Tahlequah altimeter setting. When local altimeter setting not received, use Tahlequah altimeter setting and increase all DA 92 feet, visibilities ¼ mile; increase all MDA 100 feet, LNAV visibilities Cat C/D/E ¼ mile, and Circling Cat C ¼ mile. Inoperative table does not apply to LNAV/VNAV Cat A/B/C and LNAV Cat C.

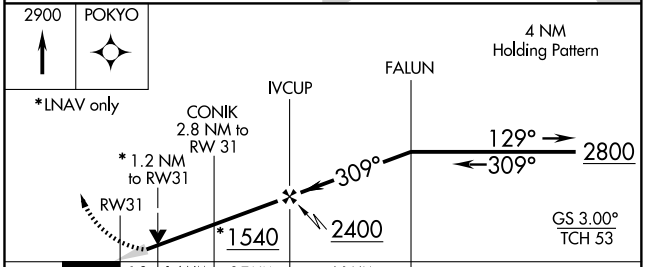
MALS

MISSED APPROACH: Climb to 2900 direct POKYO and hold.

ASOS	FORT WORTH CENTER	UNICOM
135.025	132.2 338.35	122.8 (CTAF) L







CATEGORY	A	B	C	D	E
LPV DA	843-1 250 (300-1)				
LNAV/ VNAV DA	1139-2 546 (600-2)				
LNAV MDA	1000-¾ 407 (400-¾)		1000-1¼ 407 (400-1¼)		1000-1½ 407 (400-1½)
CIRCLING	1120-1 509 (600-1)	1160-1 549 (600-1)	1180-1½ 569 (600-1½)	1200-2 589 (600-2)	1580-3 969 (1000-3)

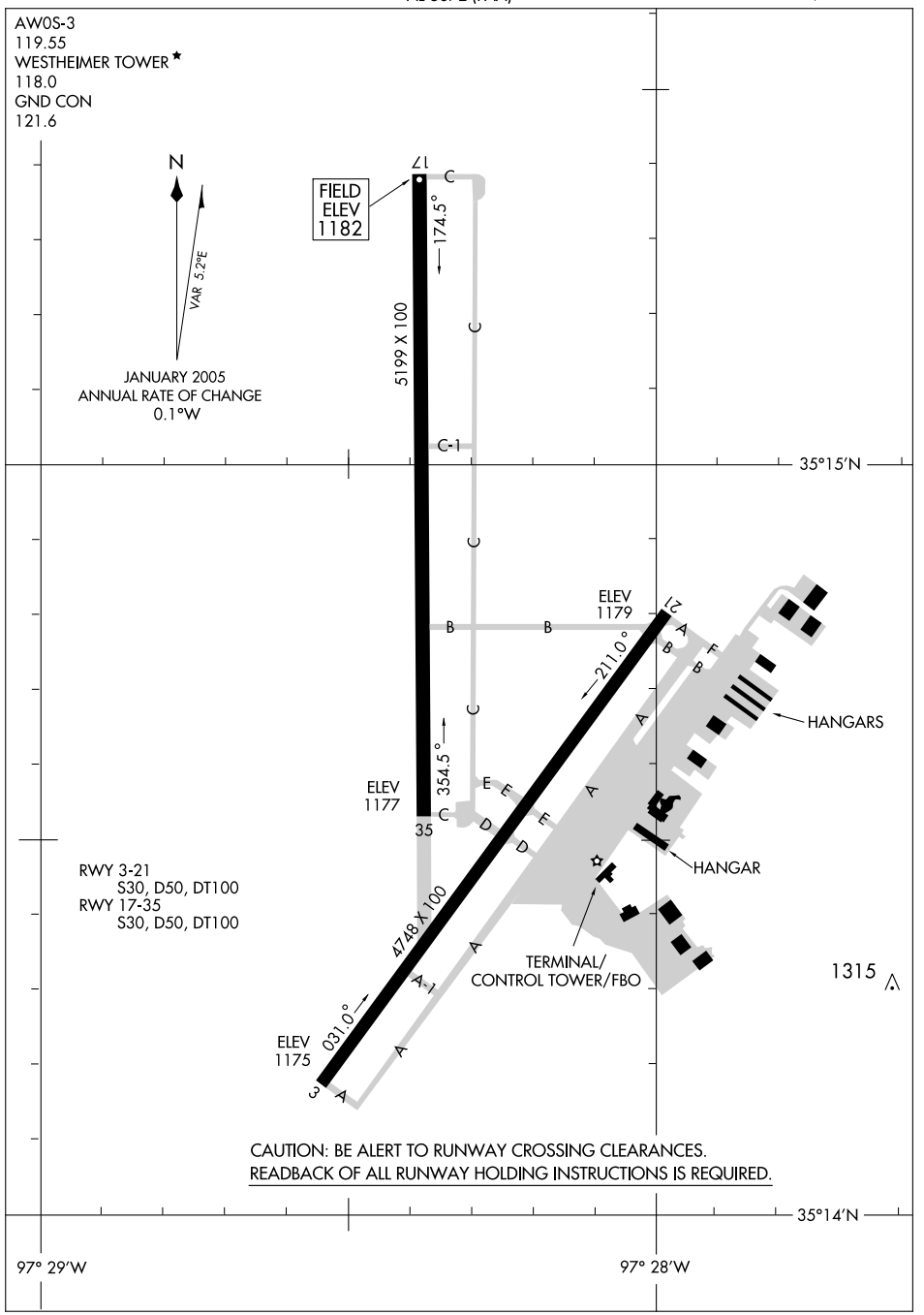
SC-1, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)
AL-5672 (FAA)
NORMAN, OKLAHOMA

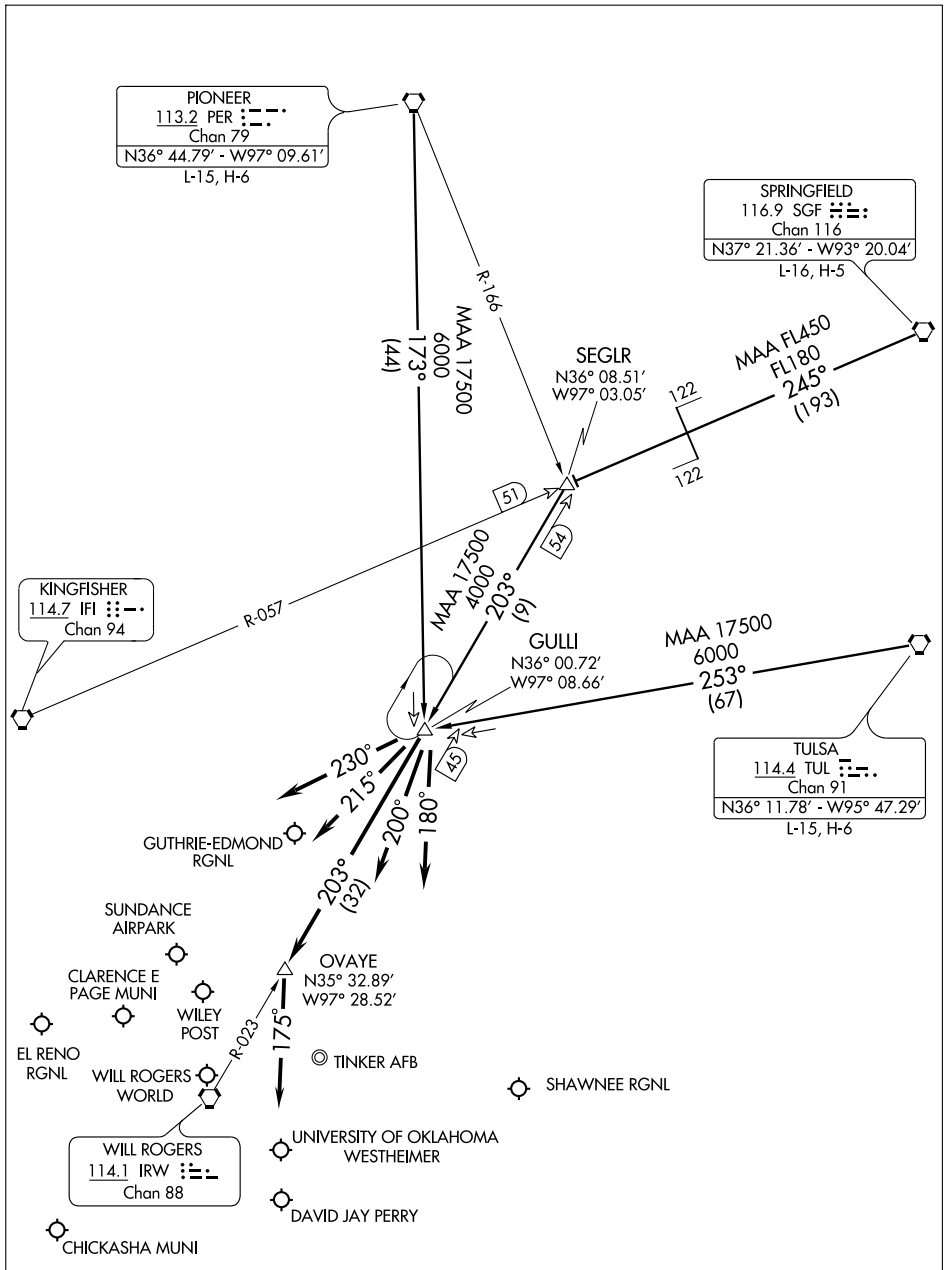
AW0S-3
119.55
WESTHEIMER TOWER ★
118.0
GND CON
121.6



SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

NORMAN, OKLAHOMA

AL-5672 (FAA)

LOC/DME I-BWM	APP CRS	Rwy Idg	5199
111.95	173°	TDZE	1182
Chan 56 (Y)		Apt Elev	1182

ILS or LOC RWY 17

NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

If local altimeter setting not received, use Will Rogers altimeter setting and increase DA to 1423 feet; increase all MDAs 60 feet. VDP NA with Will Rogers altimeter setting. Circling not authorized southeast of Rwy 3-21.

MALSR

MISSED APPROACH: Climbing right turn to 3000 via heading 185° and IRW VORTAC R-155 toWETIX/IRW 22.4 DME and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER ★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF)	121.6	122.95

DME REQUIRED

2749 353° (IAF) OVAYE I-BWM 18.8

4000 173° (5.5)

(IF) PEDIY INT I-BWM 13.3

10 NM

R-023

R-041

WILL ROGERS 114.1 IRW Chan 88

3000 173° (6.5)

1953

R-089

RIBPO INT I-BWM 6.8

1379±

1575

NORMAN 260 OUN

2006

1331

LOCALIZER 111.95 I-BWM Chan 56 (Y)

1332 1332

360° 183°

1322

2049

R-155

R-155

MSA IRW 2.5 NM

3800

140° 230°

3300

MISSED APCH FIX

R-155 IRW 114.1 Chan 88

155° 335°

WETIX IRW 22.4

PEDIY INT VGSI and ILS glidepath not coincident.

I-BWM 13.3

4000

173°

Procedure Turn NA

GS 3.00° TCH 51

RIBPO INT I-BWM 6.8

3000

3000

HDG 185°

IRW R-155

WETIX IRW 22.4

I-BWM 2.6

I-BWM 1.3

6.5 NM 4.2 NM 1.3

ELEV 1182

MIRL Rwys 3-21 and 17-35 (L)

REIL Rwy 35

173° 5.5 NM from FAF

1196

TDZE 1182

1202

5199 X 100

21

35

4748 X 100

1315

3

CATEGORY	A	B	C	D
S-ILS 17	1382-½ 200 (200-½)			
S-LOC 17	1680-½ 498 (500-½)		1680-¾ 498 (500-¾)	1680-1 498 (500-1)
CIRCLING	1680-1 498 (500-1)		1680-1½ 498 (500-1½)	1740-2 558 (600-2)

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-1, 17 DEC 2009 to 14 JAN 2010

NORMAN, OKLAHOMA AL-5672 (FAA)

LOC I-PHY	APP CRS	Rwy Idg	4748
111.1	029°	TDZE	1177
Chan 48		Apt Elev	1182

LOC RWY 3

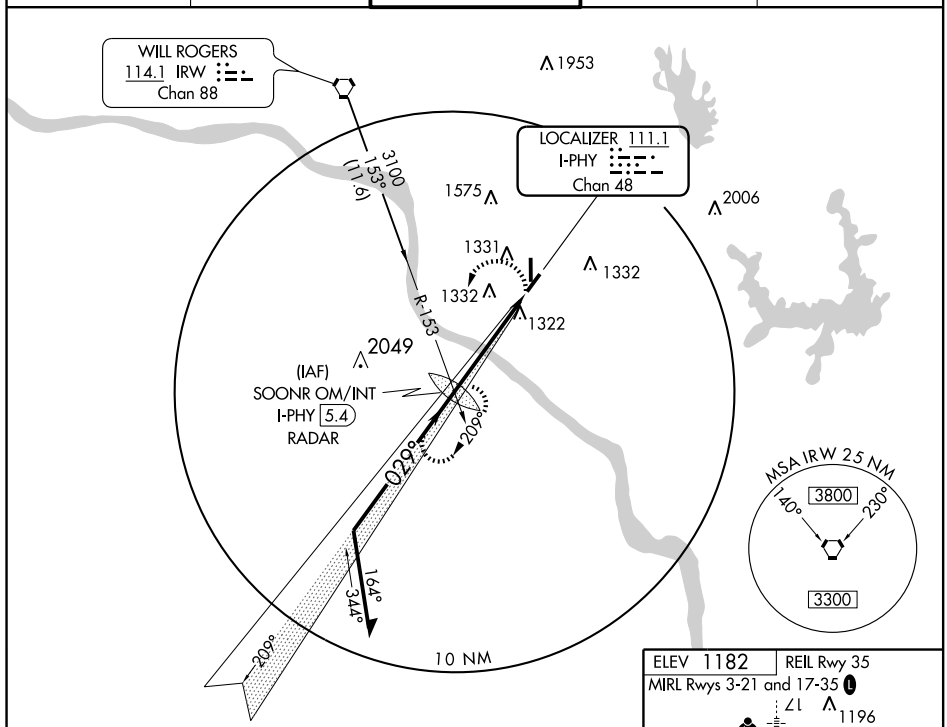
NORMAN/UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

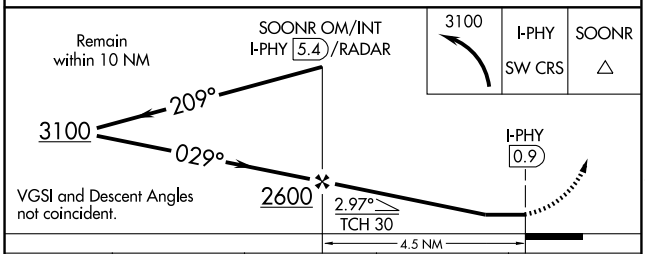
If local altimeter setting not received, use Will Rogers altimeter setting and increase all MDAs 60 feet. Inoperative table does not apply to Cat. C. Circling not authorized southeast of Rwy 3-21.

MALS

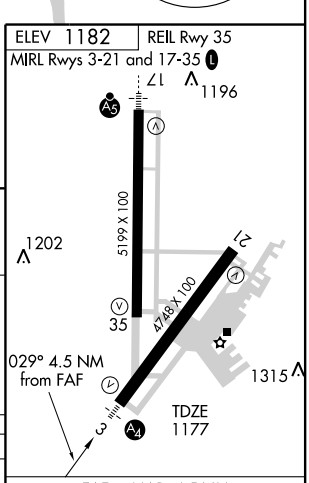
MISSED APPROACH: Climbing left turn to 3100 via I-PHY SW course to SOONR Int and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF) L	121.6	122.95





CATEGORY	A	B	C	D
S-3	1580- ¾ 403 (400- ¾)		1580-1¼ 403 (400-1¼)	
CIRCLING	1640-1 458 (500-1)	1660-1 478 (500-1)	1660-1½ 478 (500-1½)	1740-2 559 (600-2)



FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB OUN	APP CRS	Rwy Idg	4748
260	020°	TDZE	1177
		Apt Elev	1182

NDB RWY 3

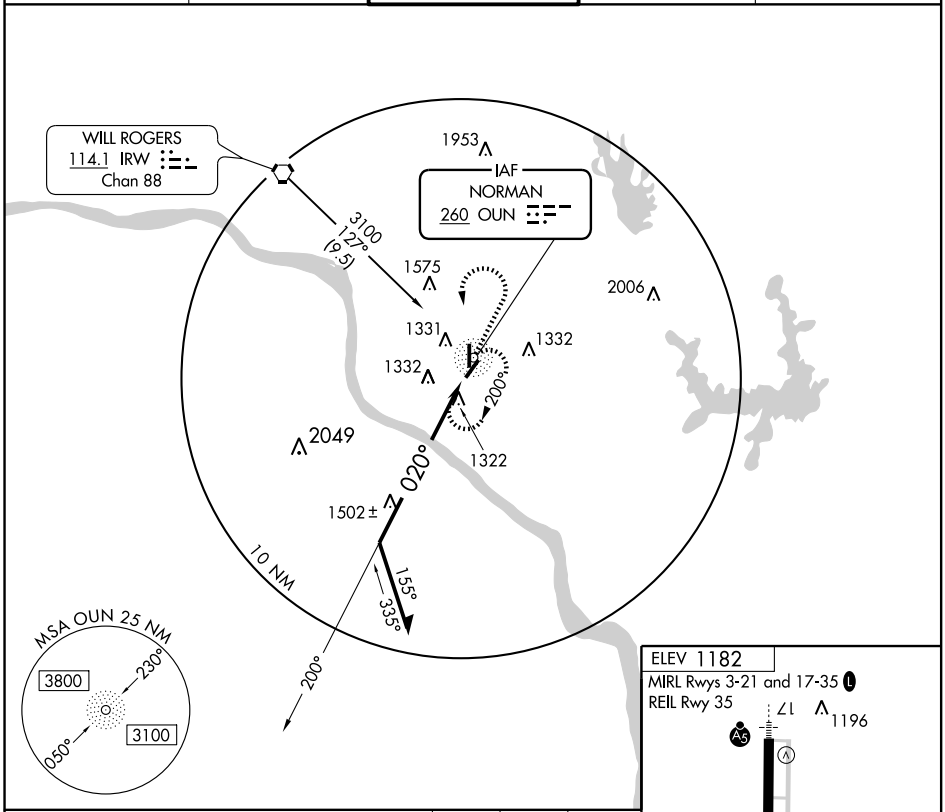
NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

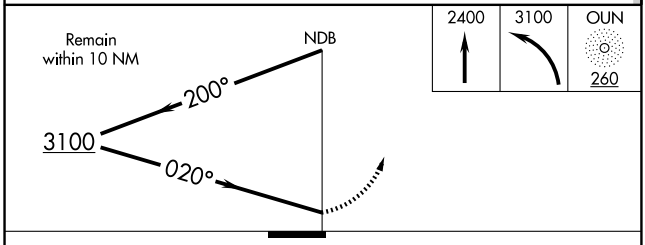
If local altimeter setting not received, use Will Rogers altimeter setting and increase all MDAs 60 feet. Circling NA southeast of Rwy 3-21. Inoperative table does not apply to Cat C. Visibility reduction by helicopters NA.

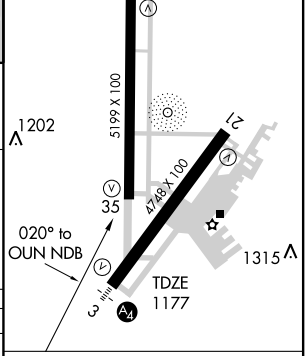
MALS

MISSED APPROACH: Climb to 2400 then climbing left turn to 3100 direct OUN NDB and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-3	1860-¾ 683 (700-¾)		1860-2 683 (700-2)	1860-2¼ 683 (700-2¼)
CIRCLING	1860-1 678 (700-1)		1860-2 678 (700-2)	1860-2¼ 678 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB OUN	APP CRS	Rwy Idg	5199
260	003°	TDZE	1182
		Apt Elev	1182

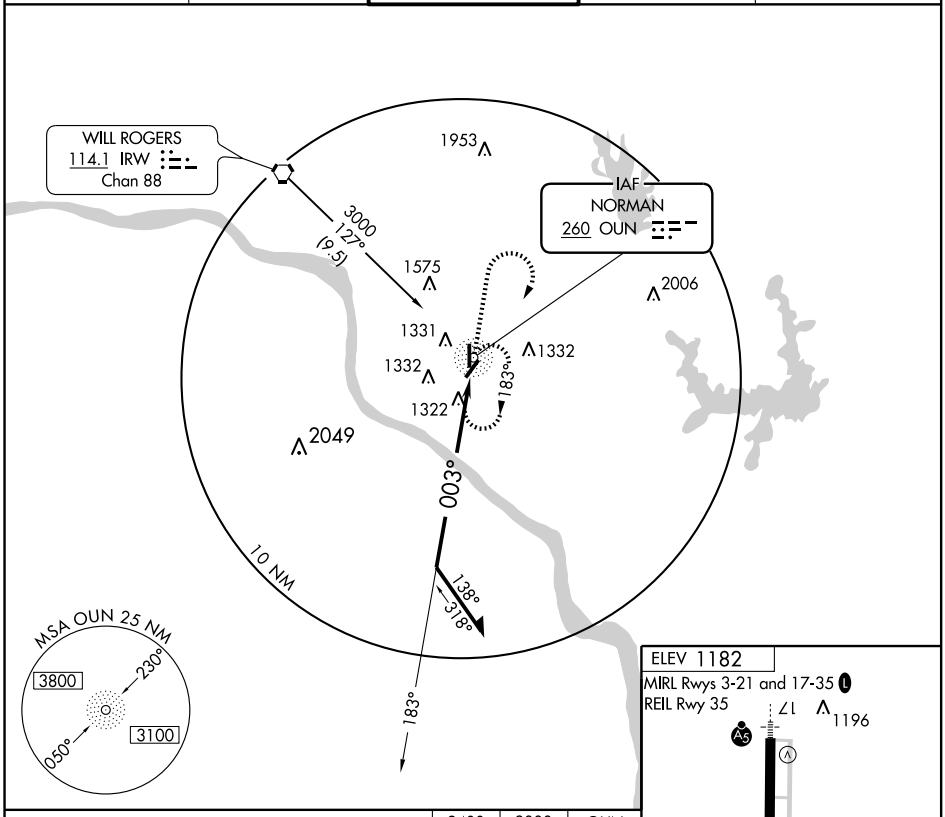
NDB RWY 35

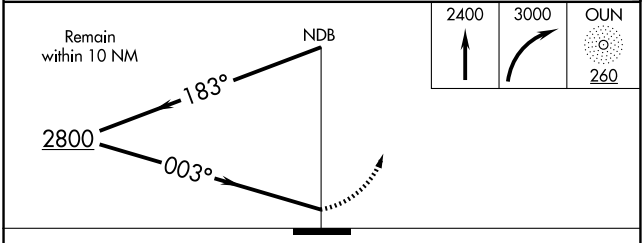
NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

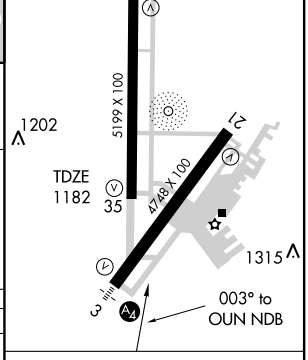
If local altimeter setting not received, use Will Rogers altimeter setting and increase all MDAs 60 feet. Circling not authorized southeast of Rwy 3-21.

MISSED APPROACH: Climb to 2400 then climbing right turn to 3000 direct NORMAN OUN NDB and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER ★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-35	1860-1	678 (700-1)	1860-2 678 (700-2)	1860-2¼ 678 (700-2¼)
CIRCLING	1860-1	678 (700-1)	1860-2 678 (700-2)	1860-2¼ 678 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4748
029°	TDZE	1177
	Apt Elev	1182

RNAV (GPS) RWY 3

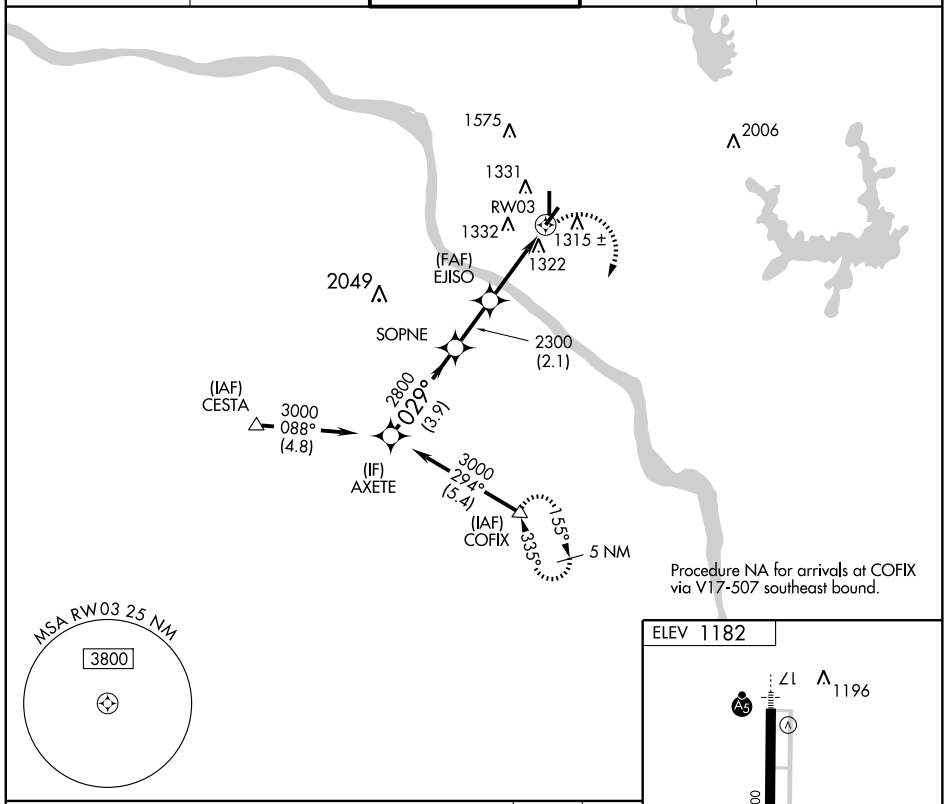
NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

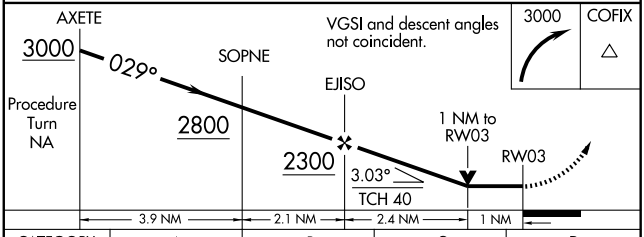
Inoperative table does not apply to LNAV Cat C. Circling NA southeast of Rwys 3 and 21. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Will Rogers altimeter setting and increase all MDA 60 feet.

MALS

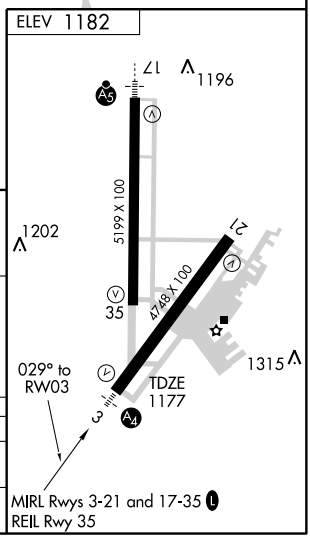
MISSED APPROACH: Climbing right turn to 3000 direct COFIX and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF) L	121.6	122.95





CATEGORY	A	B	C	D
LNAV MDA	1580-¾ 403 (400-¾)		1580-1¼ 403 (400-1¼)	
CIRCLING	1640-1 458 (500-1)	1660-1 478 (500-1)	1660-1½ 478 (500-1½)	1740-2 558 (600-2)



SC-1, 17 DEC 2009 to 14 JAN 2010

NORMAN, OKLAHOMA

AL-5672 (FAA)

WAAS CH 58302 W17A	APP CRS 173°	Rwy Idg 5199 TDZE 1182 Apt Elev 1182

RNAV (GPS) RWY 17

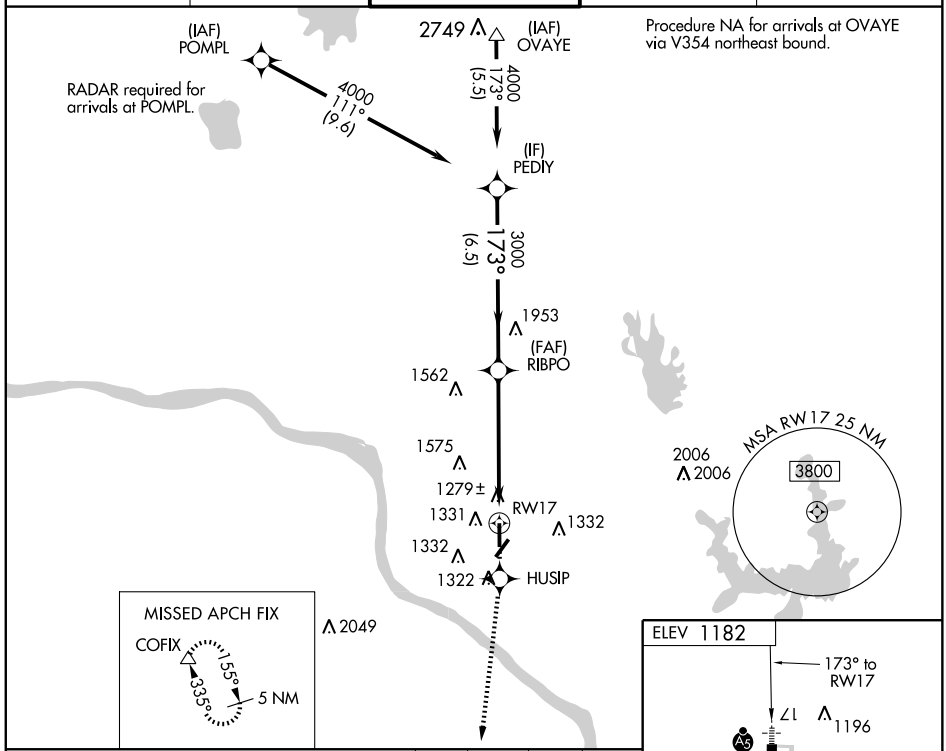
NORMAN/ UNIVERSITY OF OKLAHOMA WESTHEIMER (OUN)

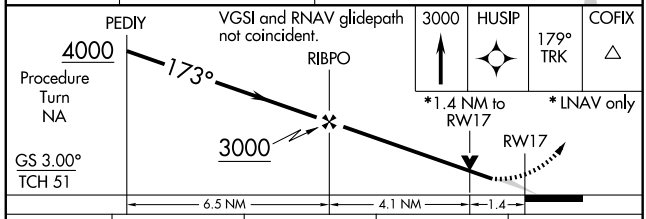
If local altimeter setting not received, use Will Rogers altimeter setting and increase all DAs 41 feet, increase all MDAs 60 feet. BARO-VNAV NA when using Will Rogers altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (116°F). VDP NA when using Will Rogers altimeter setting. Circling NA southeast of Rwy 3-21. DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV all Cats visibility to 1.

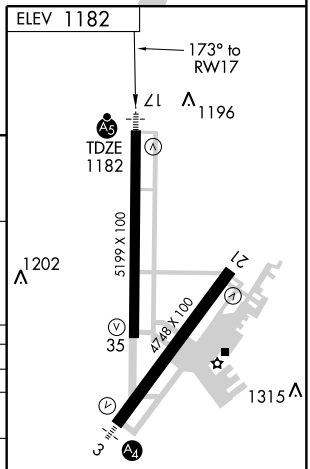
MALSR

MISSED APPROACH: Climb to 3000 direct HUSIP and via 179° track to COFIX and hold.

AWOS-3	OKE CITY APP CON	WESTHEIMER TOWER★	GND CON	UNICOM
119.55	120.45 288.325	118.0 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
LPV DA	1506-½ 324 (400-½)			
LNAV/VNAV DA	1552-¾ 370 (400-¾)			
LNAV MDA	1720-½ 538 (600-½)		1720-1 538 (600-1)	1720-1¼ 538 (600-1¼)
CIRCLING	1720-1 538 (600-1)		1720-1½ 538 (600-1½)	1740-2 558 (600-2)

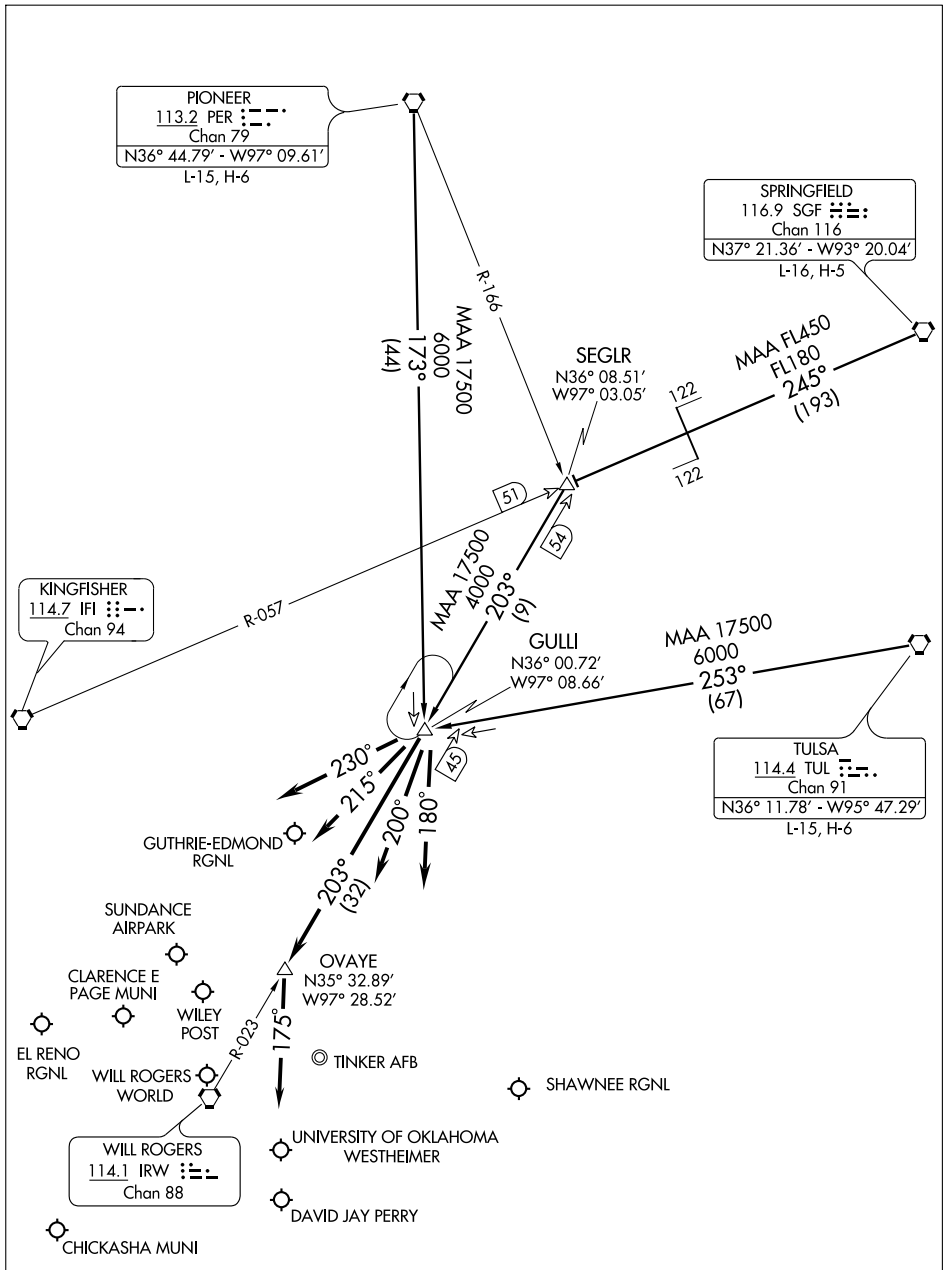
MIRL Rwys 3-21 and 17-35 L

REIL Rwy 35

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-HSD	APP CRS	Rwy Idg	5001
109.9	168°	TDZE	1178
		Apt Elev	1193

LOC RWY 17

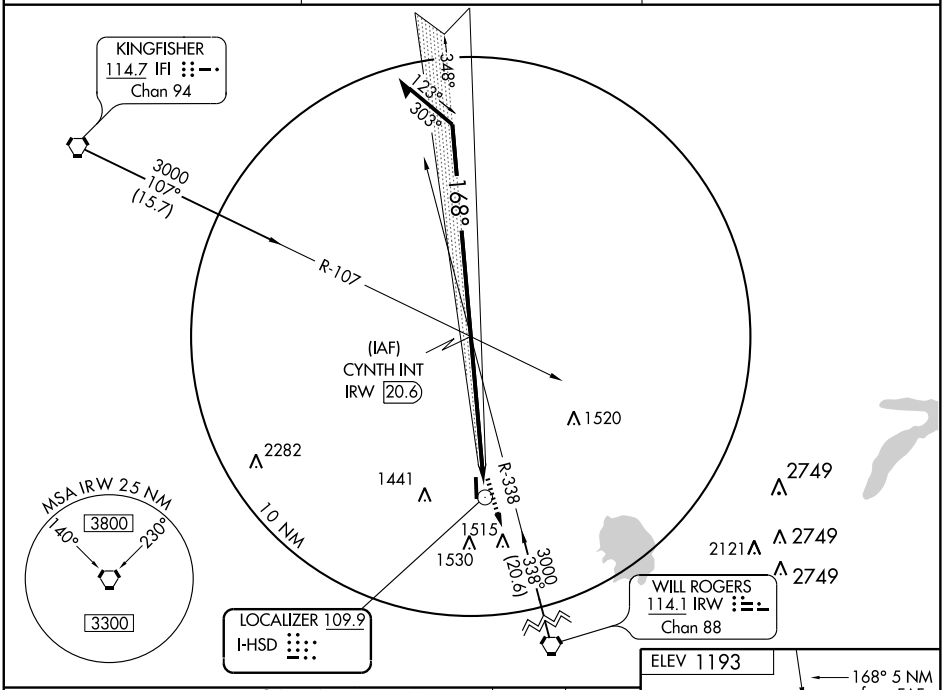
OKLAHOMA CITY/ SUNDANCE AIRPARK (HSD)

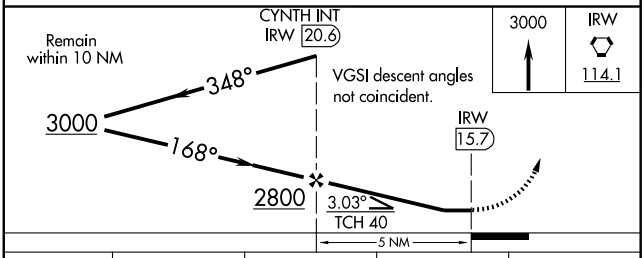
Use Wiley Post altimeter setting.

NA

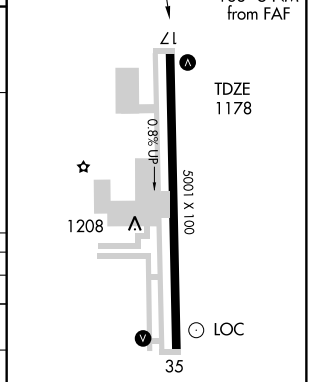
MISSED APPROACH: Climb to 3000 direct IRW VORTAC.

OKE CITY APP CON	CLNC DEL	UNICOM
124.6 266.8	123.7	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-17	1500-1 322 (400-1)			NA
CIRCLING	1740-1 547 (600-1)	1780-1 587 (600-1)	1780-1½ 587 (600-1½)	NA



MIRL Rwy 17-35 L

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy ldg	5001
171°	TDZE	1178
	Apt Elev	1193

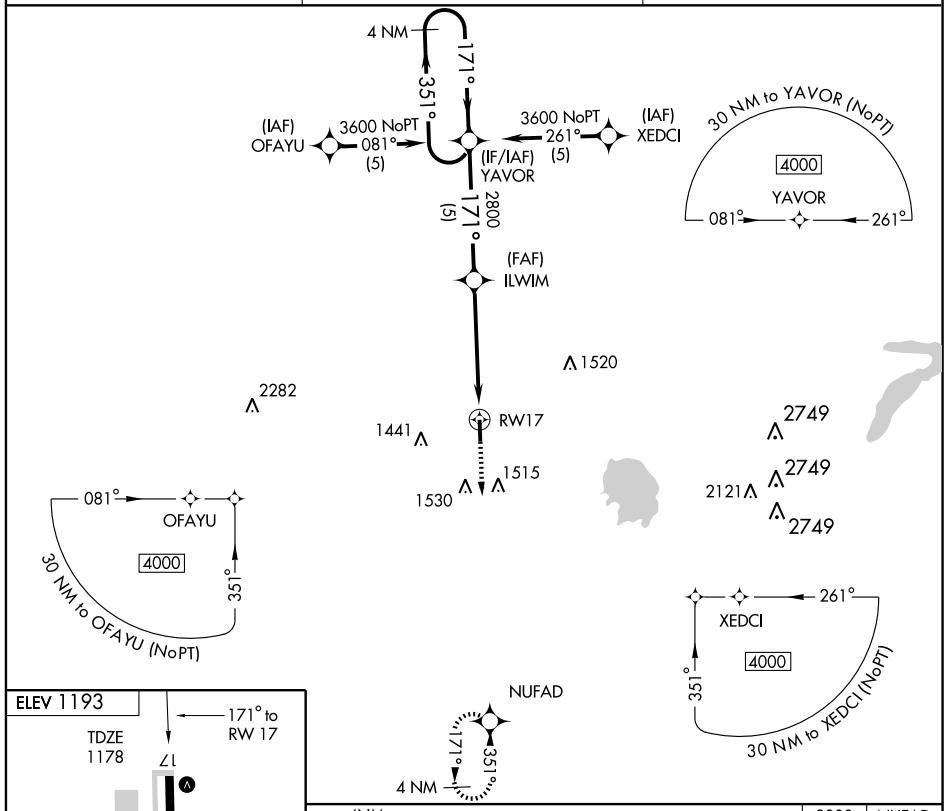
RNAV (GPS) RWY 17

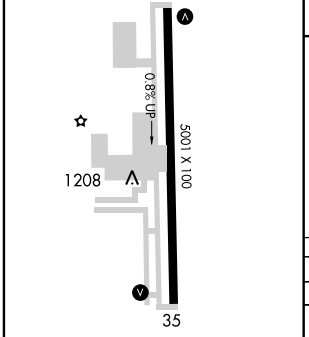
OKLAHOMA CITY/ SUNDANCE AIRPARK (HSD)

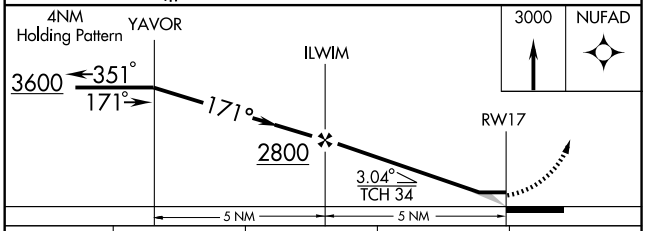
NA Use Wiley Post altimeter setting. GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct NUFAD and hold.

OKE CITY APP CON	CLNC DEL	UNICOM
124.6 266.8	123.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/ VNAV DA	NA			
LNAV MDA	1600-1 422 (500-1)		1600-1¼ 422 (500-1¼)	NA
CIRCLING	1740-1 547 (600-1)	1780-1 587 (600-1)	1780-1½ 587 (600-1½)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

OKLAHOMA CITY, OKLAHOMA AL-6749 (FAA)

APP CRS	Rwy Idg	5001
351°	TDZE	1193
	Apt Elev	1193

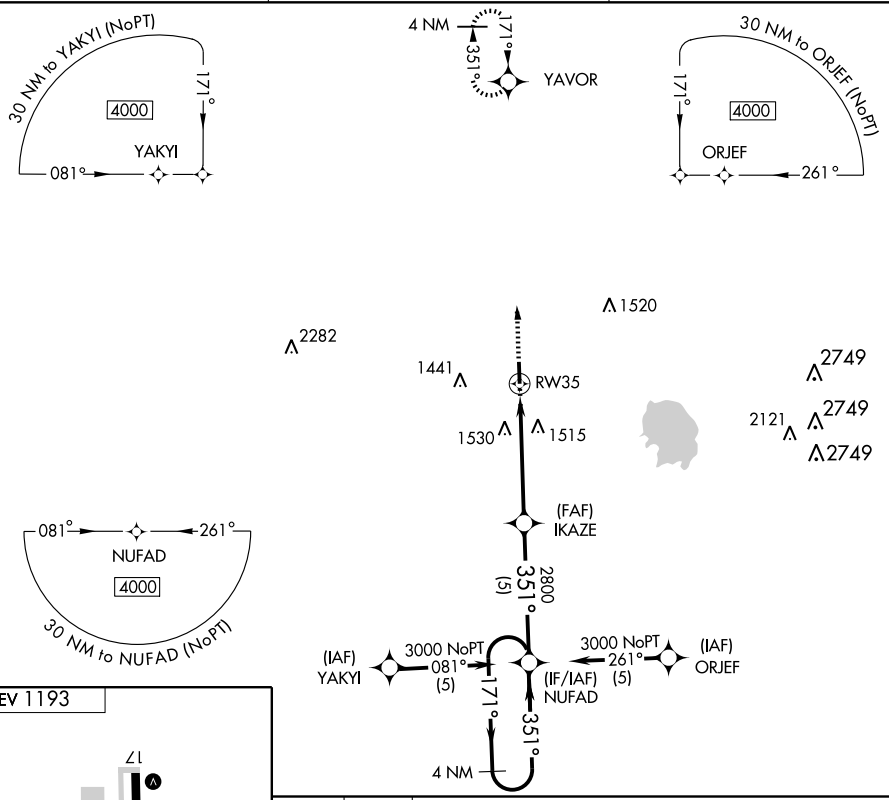
RNAV (GPS) RWY 35

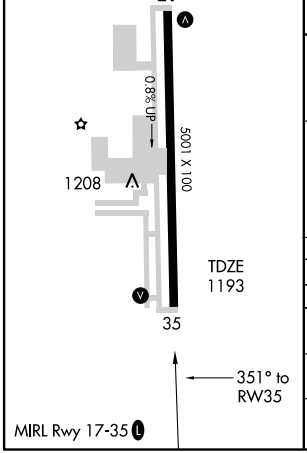
OKLAHOMA CITY/ SUNDANCE AIRPARK (HSD)

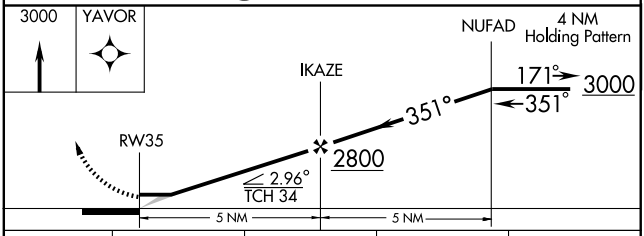
NA Use Wiley Post altimeter setting. GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3600 direct YAVOR WP and hold.

OKE CITY APP CON	CLNC DEL	UNICOM
124.6 266.8	123.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/ VNAV DA	NA			
LNAV MDA	1780-1 587 (600-1)		1780-1½ 587 (600-1½)	NA
CIRCLING	1780-1 587 (600-1)		1780-1½ 587 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC IRW	APP CRS	Rwy Idg	5001
114.1	155°	TDZE	1178
Chan 88		Apt Elev	1193

VOR RWY 17

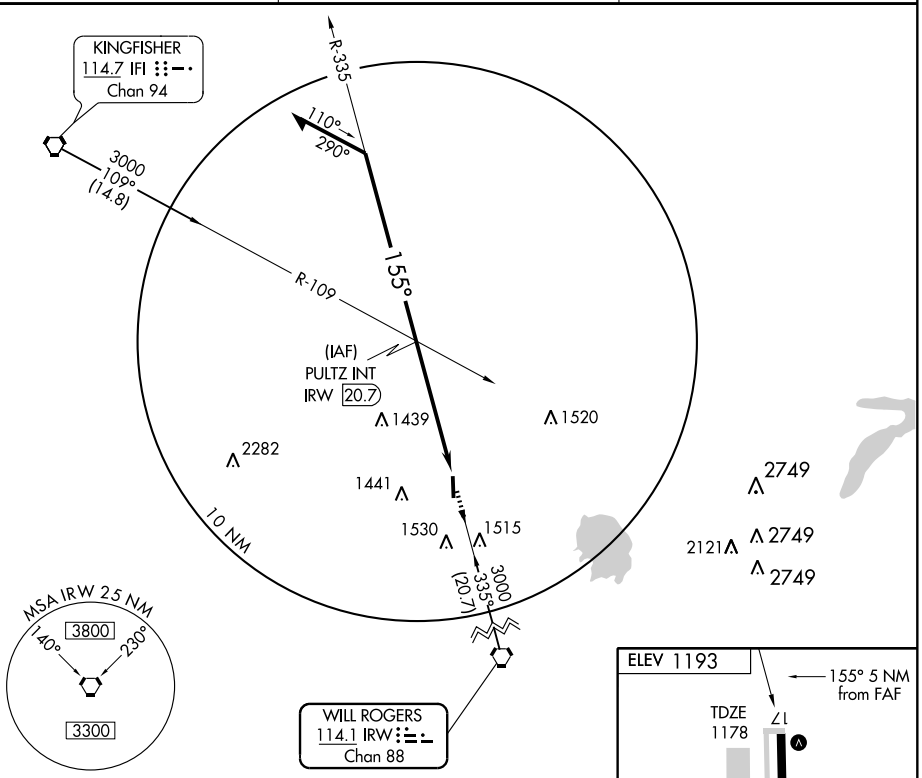
OKLAHOMA CITY/ SUNDANCE AIRPARK (HSD)

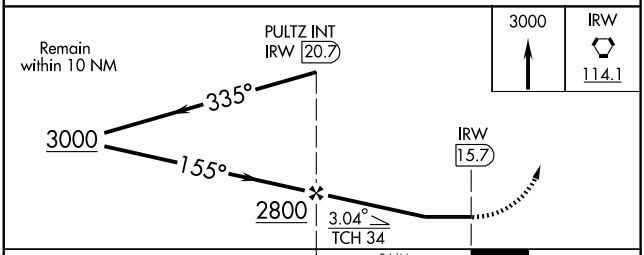
Use Wiley Post altimeter setting.

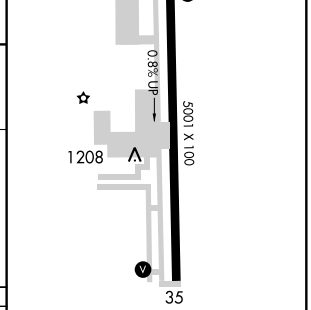
NA

MISSED APPROACH: Climb to 3000 direct IRW VORTAC.

OKE CITY APP CON	CLNC DEL	UNICOM
124.6 266.8	123.7	122.7 (CTAF) L







MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
S-17	1700-1 522 (600-1)		1700-1½ 522 (600-1½)	NA
CIRCLING	1740-1 547 (600-1)	1780-1 587 (600-1)	1780-1½ 587 (600-1½)	NA

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-1, 17 DEC 2009 to 14 JAN 2010

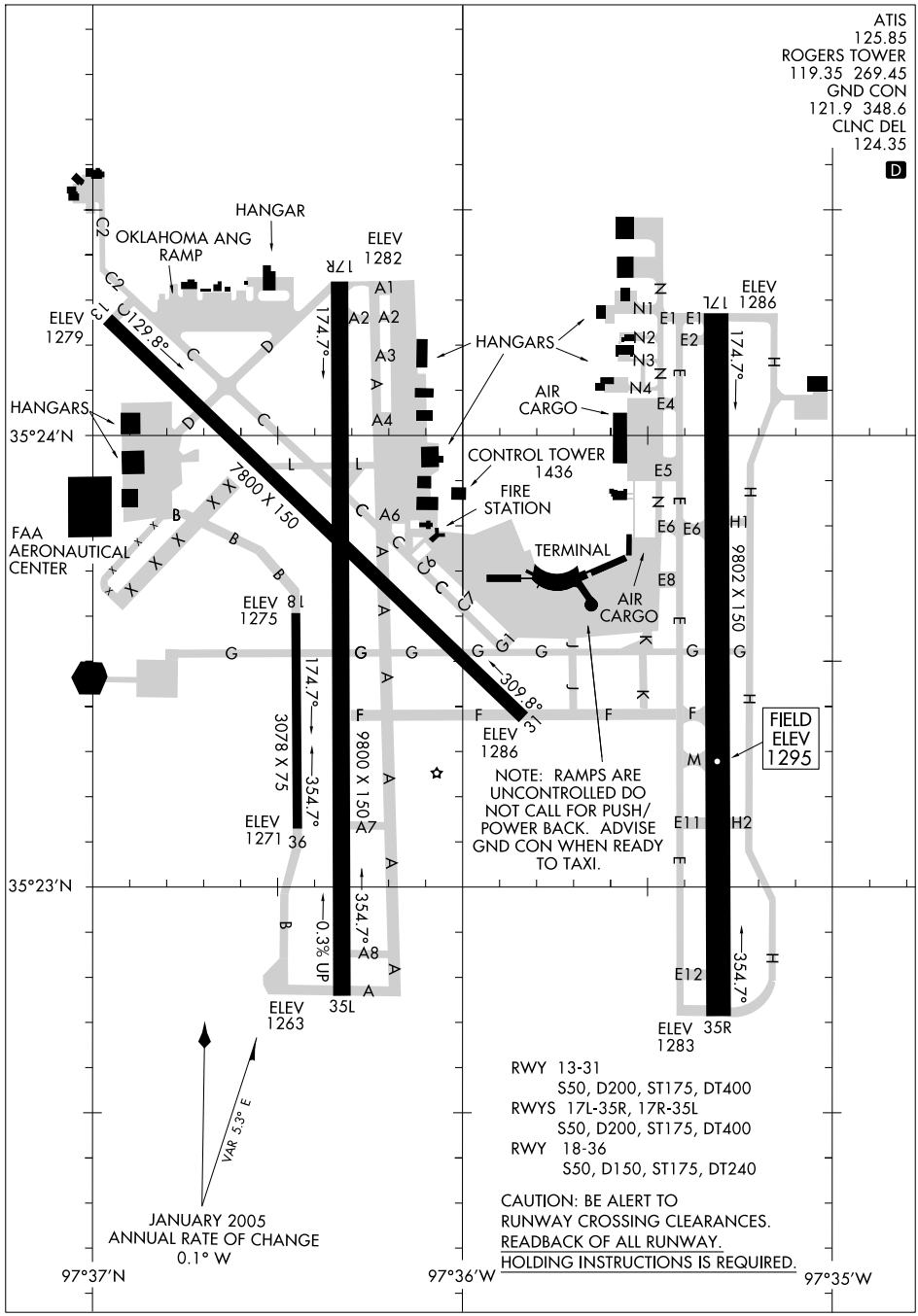
09295

AIRPORT DIAGRAM

OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

AL-301 (FAA)

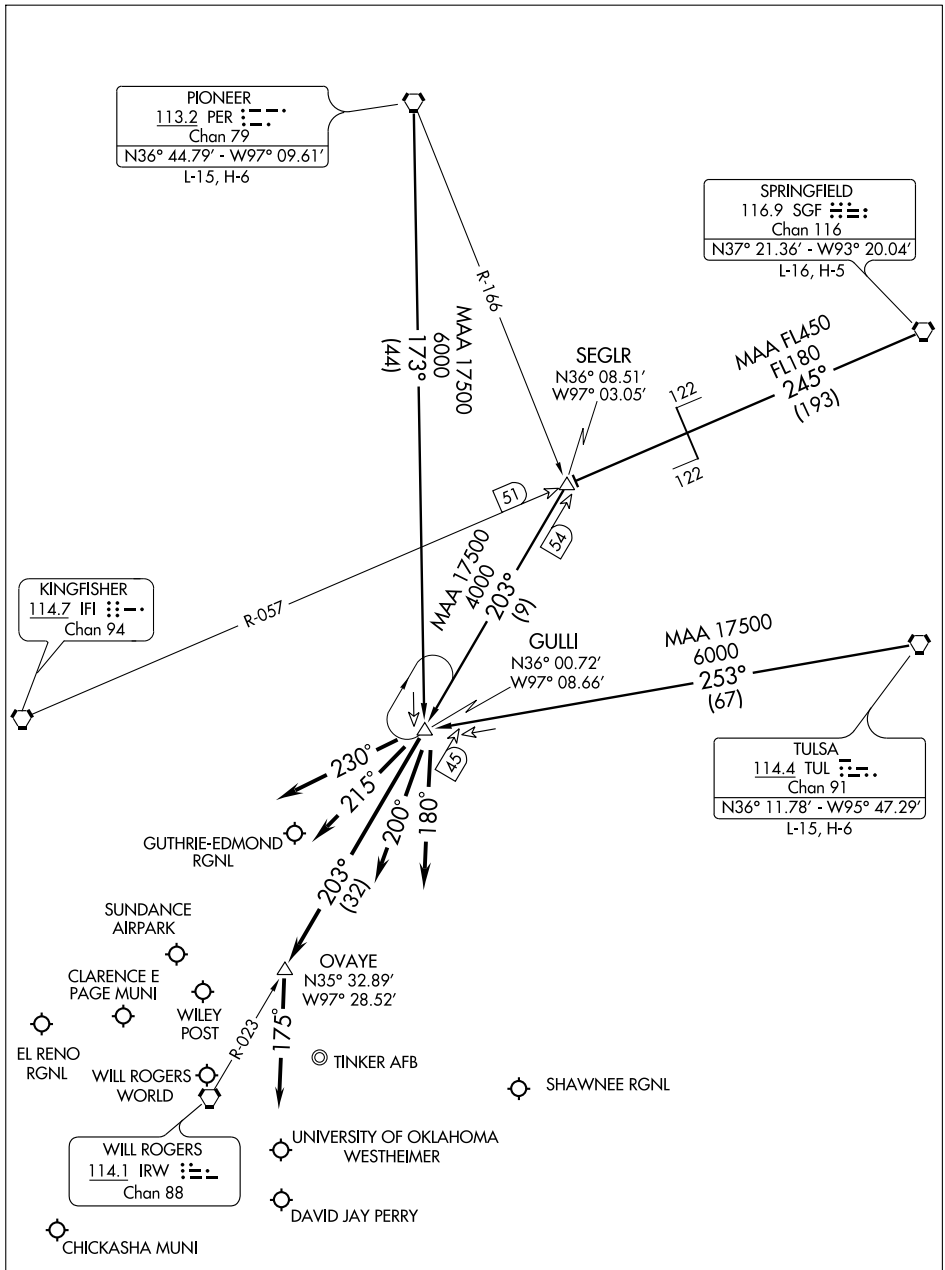
OKLAHOMA CITY, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LIK	APP CRS	Rwy Idg	9800
110.7	353°	TDZE	1277
Chan 44		Apt Elev	1295

ILS or LOC/DME RWY 35L

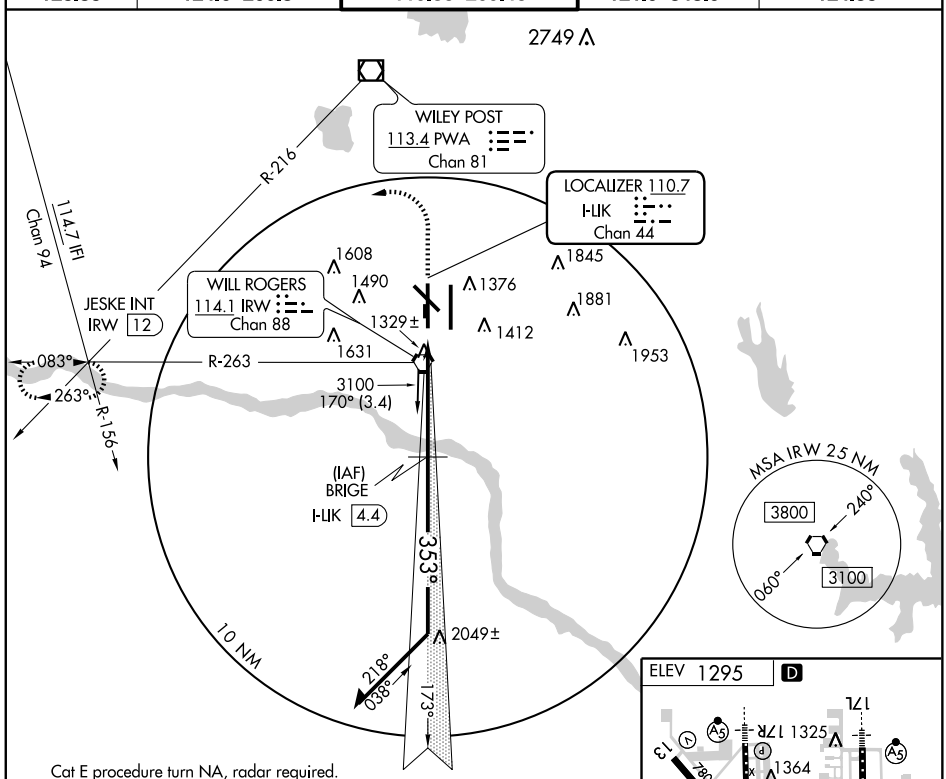
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

ASR — For inoperative MALSR, increase S-ILS 35L Cat E visibility to RVR 4000 and S-LOC Cats D,E visibility to RVR 5000.

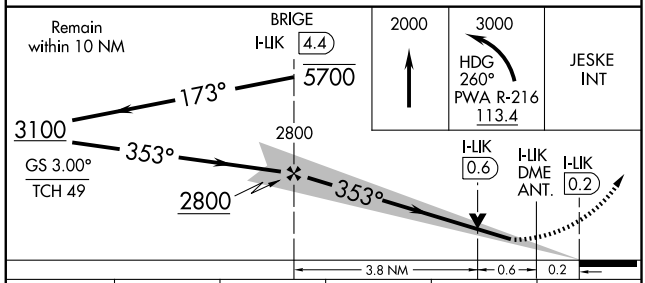
MALSR

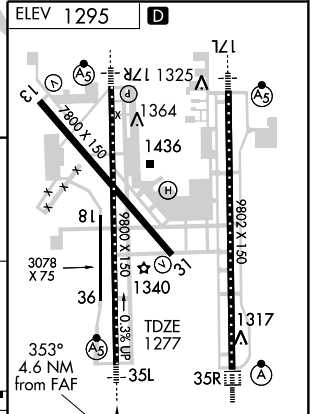
MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 via heading 260° and PWA VOR/DME R-216 to JESKE Int/IRW 12 DME and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35



Cat E procedure turn NA, radar required.





CATEGORY	A	B	C	D	E
S-ILS 35L	1477/24 200 (200-½)				
S-LOC 35L	1580/24 303 (300-½)			1580/40 303 (300-¾)	
CIRCLING	1740-1 445 (500-1)	1760-1 465 (500-1)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)	2240-3 945 (1000-3)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-EXR	APP CRS	Rwy Idg	9802
110.9	173°	TDZE	1286
Chan 46		Apt Elev	1295

ILS or LOC RWY 17L

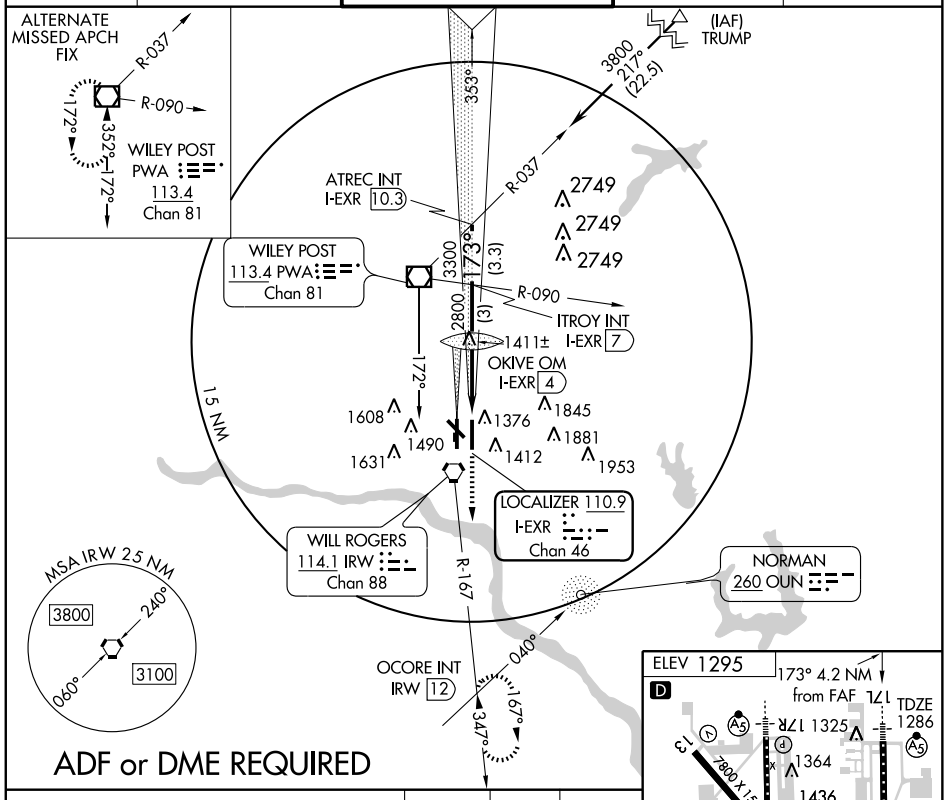
OKLAHOMA CITY/WILL ROGERS WORLD (OKC)

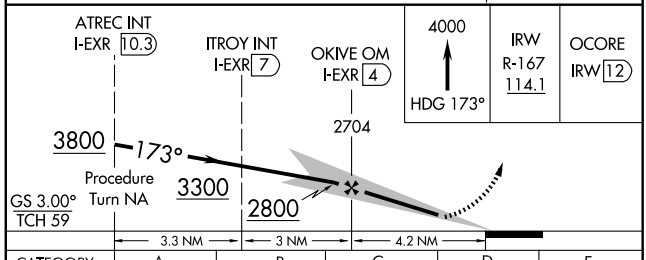
ASR For inoperative MALSR, increase S-ILS 17L Cat E visibility to RVR 4000.
For inoperative MALSR, increase S-LOC 17L Cat E visibility to 1½.

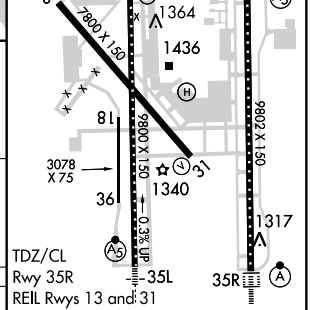
MALSR

MISSED APPROACH: Climb to 4000 via heading 173° and IRW VORTAC R-167 to OCORE Int/IRW 12 DME and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35







CATEGORY	A	B	C	D	E
S-ILS 17L	1486/24 200 (200-½)				
S-LOC 17L	1680/24 394 (400-½)			1680/40 394 (400-¾)	1680/50 394 (400-1)
CIRCLING	1740-1 445 (500-1)	1760-1 465 (500-1)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)	2240-3 945 (1000-3)

FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-OKC	APP CRS	Rwy Idg	9800
110.7 Chan 44	173°	TDZE	1282
		Apt Elev	1295

ILS or LOC RWY 17R

OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

ASR

Circling NA at night to Rwy 18-36.
** Use of flight director or autopilot or HGS required.

MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 via IRW R-263 to JESKE Int/12 DME and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35

* CAUTION: DIRGE OM may be received and should not be mistaken for TULOO LOM.

353° IRW R-354 R-020 173° 1 min 353° * DIRGE OM (IF/IAF) FILUM INT I-OKC 13.3 2749 2749 2749

WILEY POST 113.4 PWA Chan 81

114.7 IFI Chan 94

3000 173° (6.3) IVEYI INT I-OKC 7 R-133 1577 1411 * 2600 (1.2)

LOM TULOO 406 OK I-OKC 5.8 1373± 1608 1845 1490 1376 1881 1412 1631 1953

4000 to FILUM 354° (14.3)

JESKE INT IRW 12 083° 263° R-263 R-216 R-156 10 NM

MSA OK 25 NM 180° 3300 080° 3800

WILL ROGERS 114.1 IRW Chan 88

LOCALIZER 110.7 I-OKC Chan 44

One Minute Holding Pattern

2000	3000	IRW R-263 114.1	JESKE IRW 12

FILUM INT I-OKC 13.3 IVEYI INT I-OKC 7 LOM I-OKC 5.8 I-OKC 2.8 I-OKC 1.8

4000 353° 173° 173° 3000 3000 *2600

GS 3.00° TCH 61

* LOC only

6.3 NM 1.2 NM 3 NM 0.9

ELEV 1295 173° 5.1 NM from FAF

D

TDZE 1282 17L 17R 1325 1364 1436 13 31 18 36 7800 X 150 9800 X 150 9800 X 150 3078 X 75 1340 1317 0.33° UP 35R 35L

TDZ/CL Rwy 35R-35L
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

FAF to MAP 5.1 NM

CATEGORY	A	B	C	D	E
S-ILS 17R	1482/24 200 (200-½)				
S-LOC 17R	1640/24 358 (400-½)			1640/40 358 (400-¾)	
CIRCLING	1760-1 465 (500-1)		1760-1½ 465 (500-1½)	1860-2 565 (600-2)	2200-3 905 (1000-3)
SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED					
S-ILS 17R**	1482/18 200 (200-½)				

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-RGR	APP CRS	Rwy Idg	9802
110.9	354°	TDZE	1294
Chan 46		Apt Elev	1295

ILS RWY 35R

OKLAHOMA CITY/WILL ROGERS WORLD (OKC)

ASR — Cat D and E S-LOC visibility increased to RVR 5000 for inoperative ALSF. Cat. E procedure turn not authorized.

ALSF-2

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 via heading 260° and PWA R-216 to JESKE Int and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35

WILEY POST 113.4 PWA Chan 81

114.7 IFI Chan 94

R-216 R-156

2749 TRUMP 3800 199° (36.6)

MSA RG 25 NM 3800 070° 280° 3100

1608 1490 1376 1845 1881 1631 1953 1412

IM MM

JESKE INT IRW 12 083° 263° R-263

WILL ROGERS 114.1 IRW Chan 88

3100 158° (3.9)

LOCALIZER 110.9 I-RGR Chan 46

LOM/IAF GALLY 350 RG I-RGR 6.8

DATTA 3100 068° (33.7)

354°

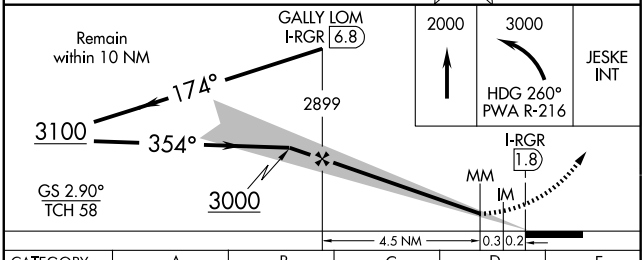
10 NM

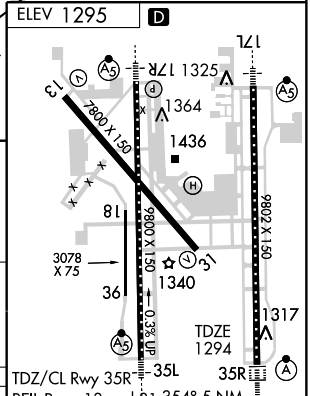
219° 039° 174°

3100 322° (29.5)

DECKK

ADF or DME REQUIRED





CATEGORY	A	B	C	D	E
S-ILS 35R	1494/18 200 (200-½)				1494/24 200 (200-½)
S-LOC 35R	1620/24 326 (400-½)			1620/40 326 (400-¾)	
CIRCLING	1760-1 465 (500-1)		1760-1½ 465 (500-1½)	1860-2 565 (600-2)	2240-3 945 (1000-3)

TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

354° 5 NM from FAF

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-RGR	APP CRS	Rwy Idg	9802
110.9	354°	TDZE	1294
Chan 46		Apt Elev	1295

ILS RWY 35R (CAT II)

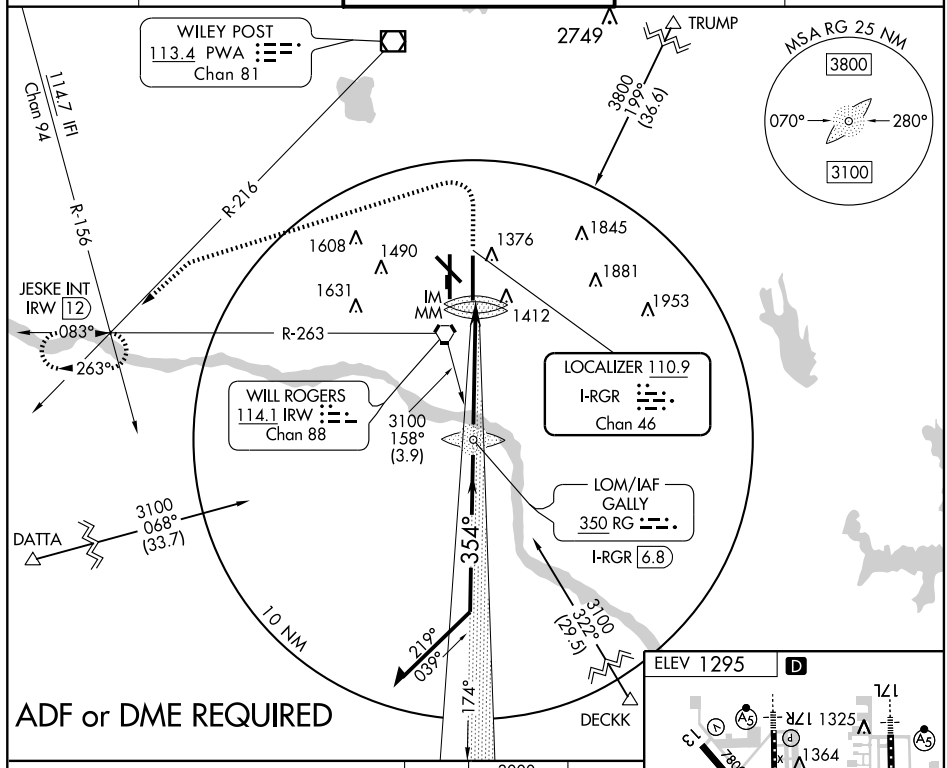
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

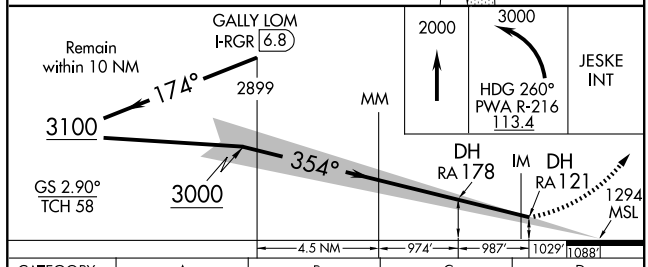
ASR

ALSF-2

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 via heading 260° and PWA R-216 to JESKE Int and hold.

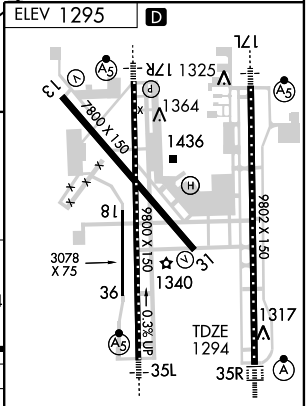
ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
S-ILS 35R		RA 178/16	150 DA 1444	
S-ILS 35R		RA 121/12	100 DA 1394	

CATEGORY II - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7800
128°	TDZE	1279
	Apt Elev	1295

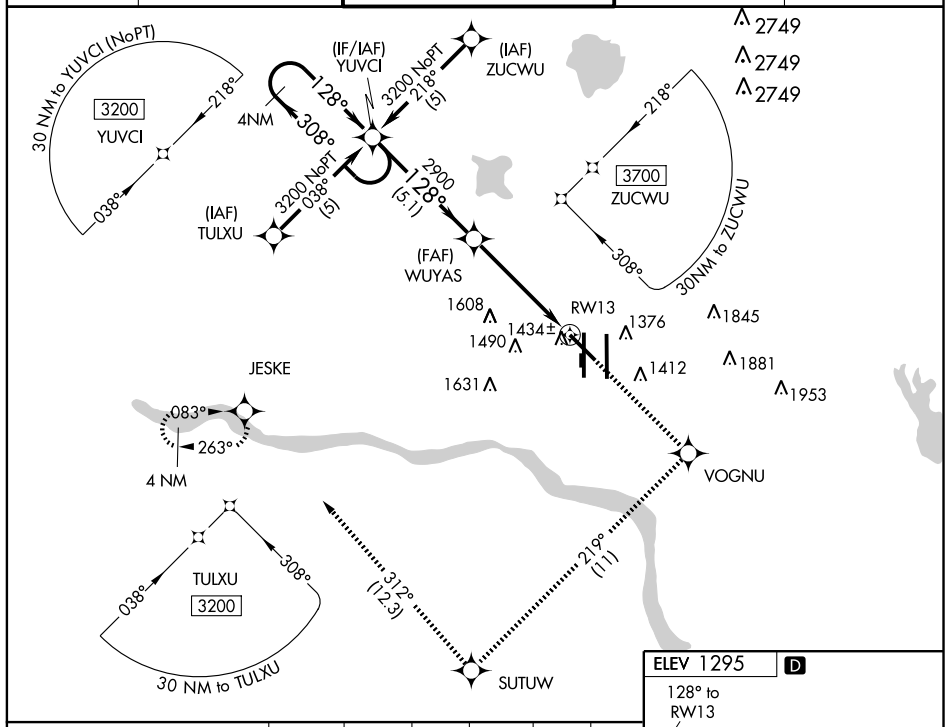
RNAV (GPS) RWY 13

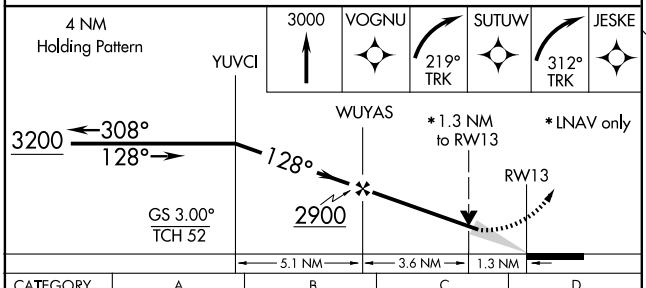
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

T NA ASR — Baro-VNAV NA below -17°C (2°F)
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

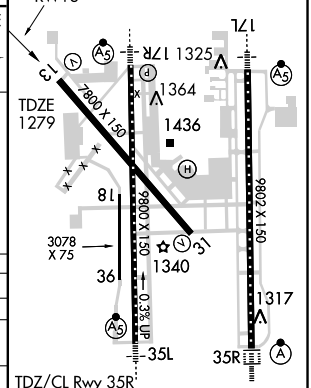
MISSED APPROACH: Climb to 3000 direct VOGNU WP, then right turn via 219° track to SUTUW WP, then right turn via 312° track to JESKE WP and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1700-1½ 421 (500-1½)			
LNAV MDA	1740-1 461 (500-1)		1740-1¼ 461 (500-1¼)	1740-1½ 461 (500-1½)
CIRCLING	1740-1½ 445 (500-1½)	1760-1½ 465 (500-1½)		1860-2 565 (600-2)



SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50102 W17A	APP CRS 173°	Rwy Idg 9800 TDZE 1282 Apt Elev 1295

RNAV (GPS) RWY 17R

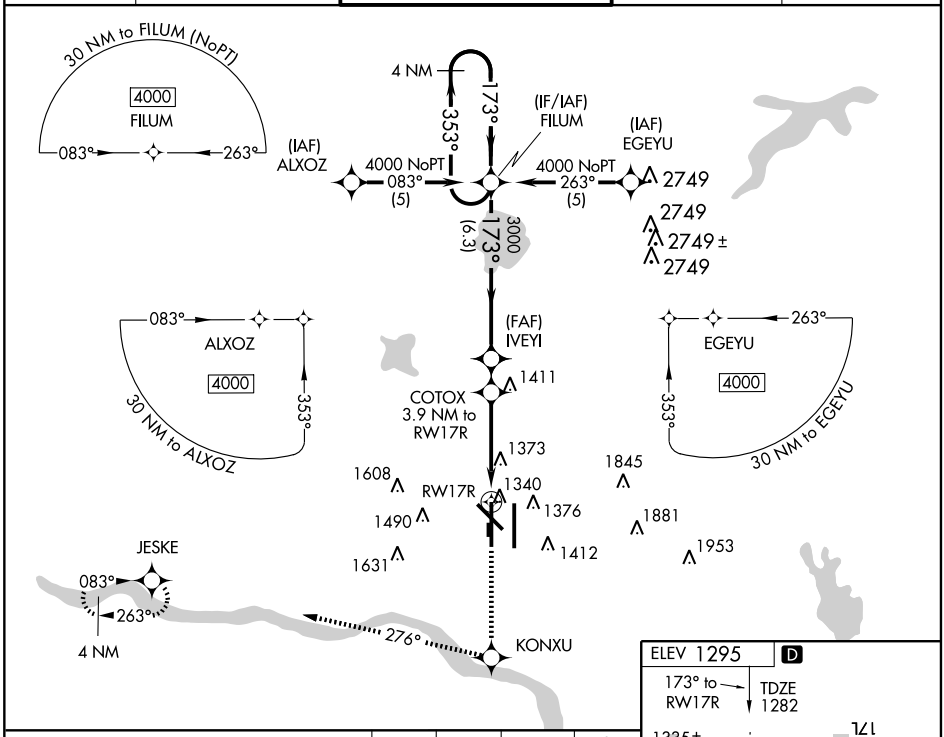
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

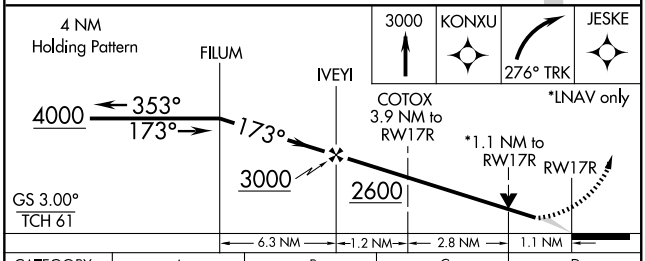
Circling to Rwy 18-36 NA at night. For inoperative MALSR, increase LNAV/VNAV Cat D visibility to RVR 5000, and LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA.

MALSR

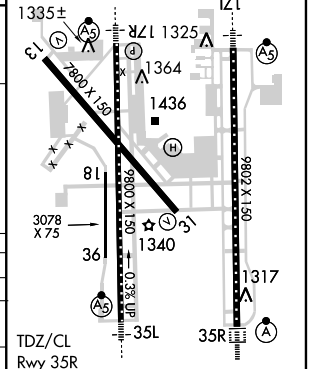
MISSED APPROACH: Climb to 3000 direct KONXU and right turn via 276° track to JESKE and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
LPV DA	1540/24 258 (300-½)			
LNAV/ VNAV DA	1610/24 328 (400-½)			1610/40 328 (400-¾)
LNAV MDA	1680/24 398 (400-½)			1680/50 398 (400-1)
CIRCLING	1740-1 445 (500-1)	1760-1 465 (500-1)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)



TDZ/CL
Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7800
308°	TDZE	1286
	Apt Elev	1295

RNAV (GPS) RWY 31

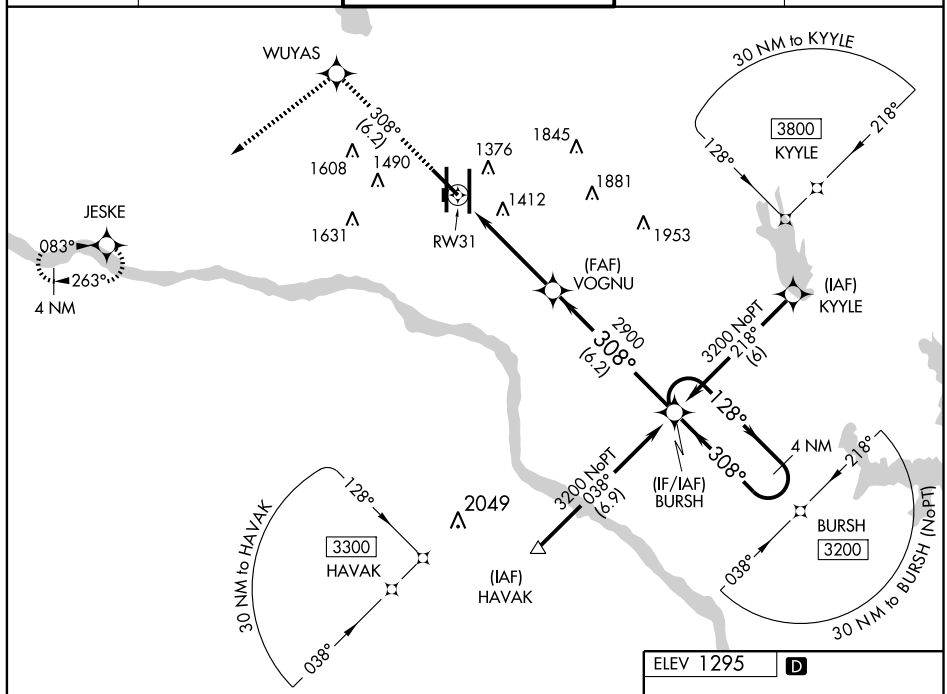
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

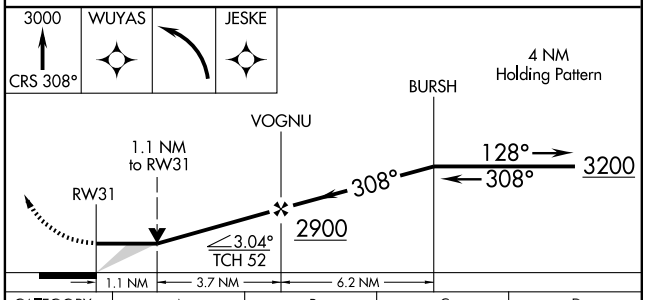
NA ASR

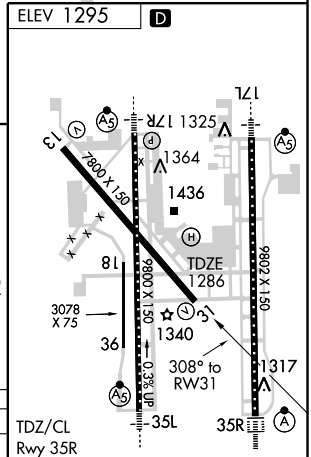
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Straight-in minimums NA at night.

MISSED APPROACH: Climb to 3000 via 308° course to WUYAS WP, then left turn direct JESKE WP hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35







CATEGORY	A	B	C	D
LNAV MDA	1680-1 394 (400-1)			1680-1¼ 394 (400-1¼)
CIRCLING	1740-1 445 (500-1)	1760-1 465 (500-1)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)

TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9800
CH 56202	353°	TDZE	1277
W35A		Apt Elev	1295

RNAV (GPS) RWY 35L

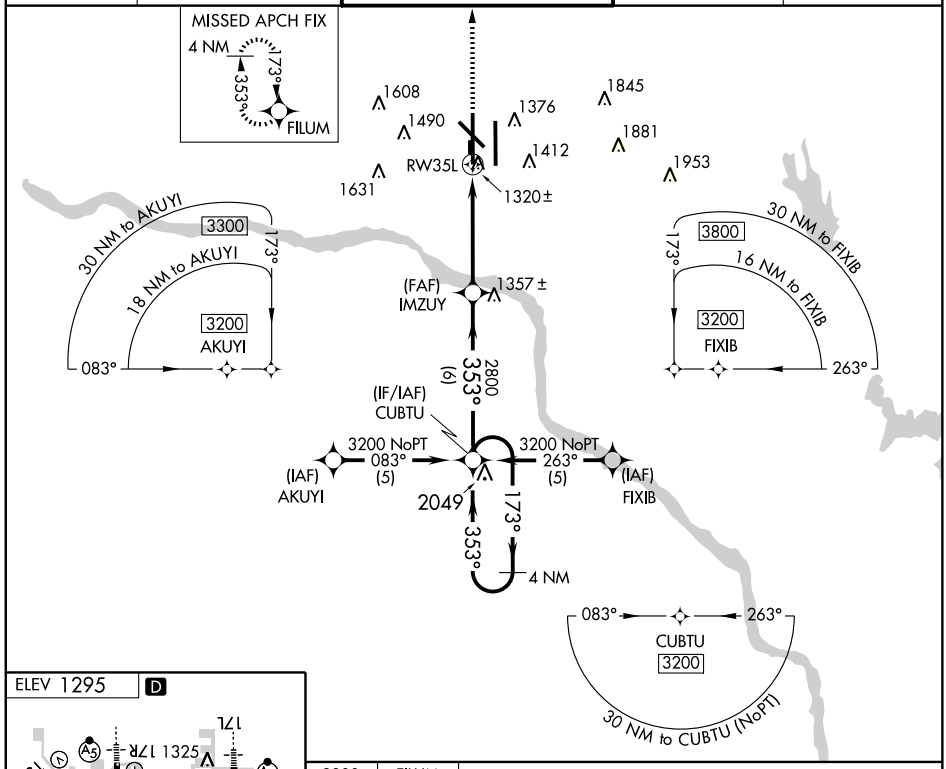
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

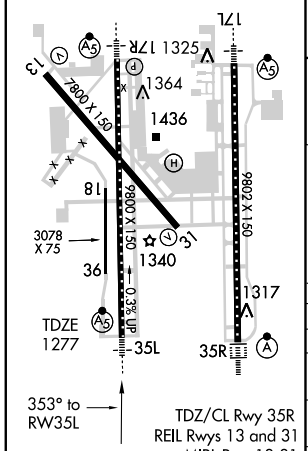
ASR — Baro-VNAV NA below -17°C (2°F). DME/DME RNP - 0.3 NA.

MALSR

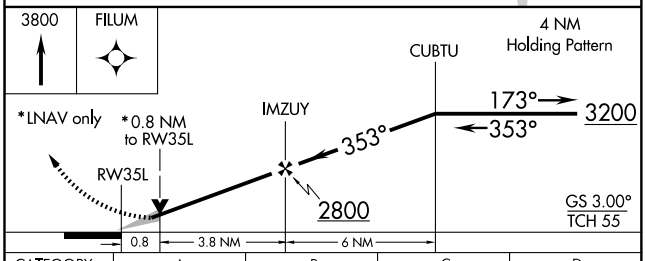
MISSED APPROACH: Climb to 3800 direct FILUM and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L



CATEGORY	A	B	C	D
LPV DA	1530/50 253 (300-1)			
LNAV/ VNAV DA	1580/50 303 (300-1)			
LNAV MDA	1580/50 303 (300-1)			
CIRCLING	1740-1 445 (500-1)	1760-1 465 (500-1)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9802
353°	TDZE	1294
	Apt Elev	1295

RNAV (GPS) Y RWY 35R

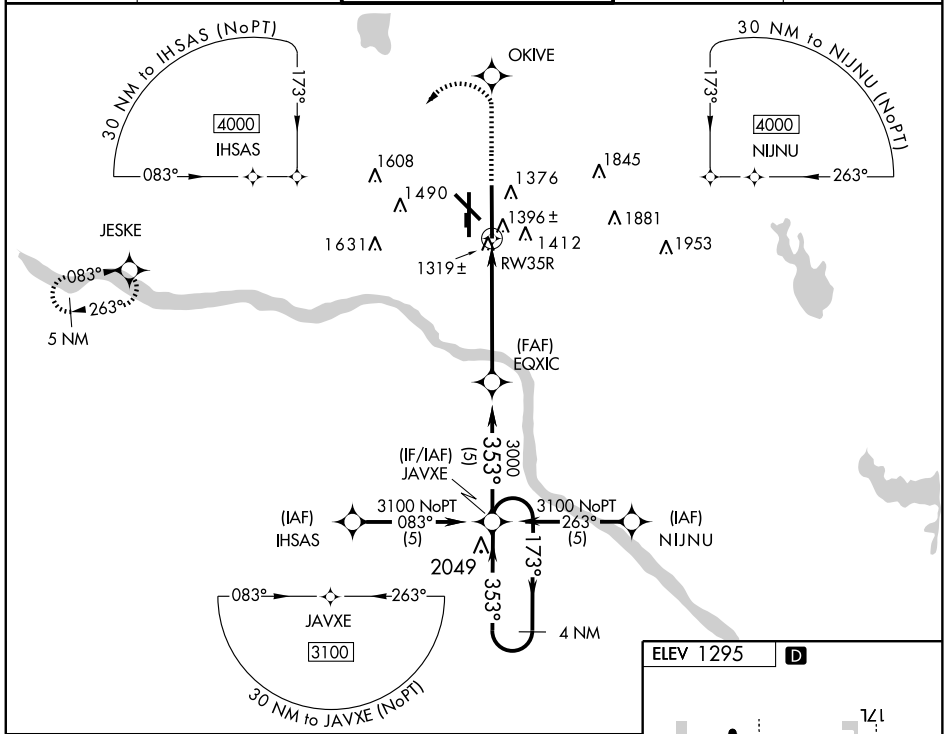
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

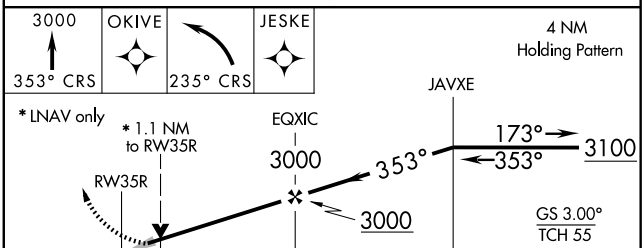
ASR — For inoperative ALSF, increase LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below - 17°C (2°F) or above 46°C (115°F). DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 3000 via 353° course to OKIVE then left turn via 235° course to JESKE and hold.

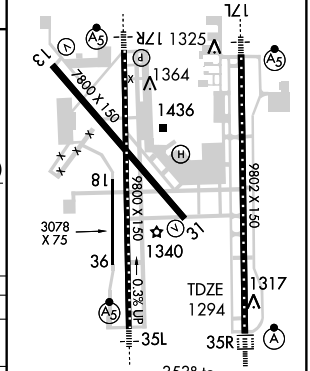
ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
LNAV/ VNAV DA	1628/40	334 (400-¾)		
LNAV MDA	1700/24	406 (500-½)	1700/40 406 (500-¾)	1700/50 406 (500-1)
CIRCLING	1740-1¼ 445 (500-1¼)	1760-1¼ 465 (500-1¼)	1760-1½ 465 (500-1½)	1860-2 565 (600-2)

ELEV 1295 D



TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9802
CH 56503	173°	TDZE	1286
W17A		Apt Elev	1295

RNAV (GPS) Z RWY 17L

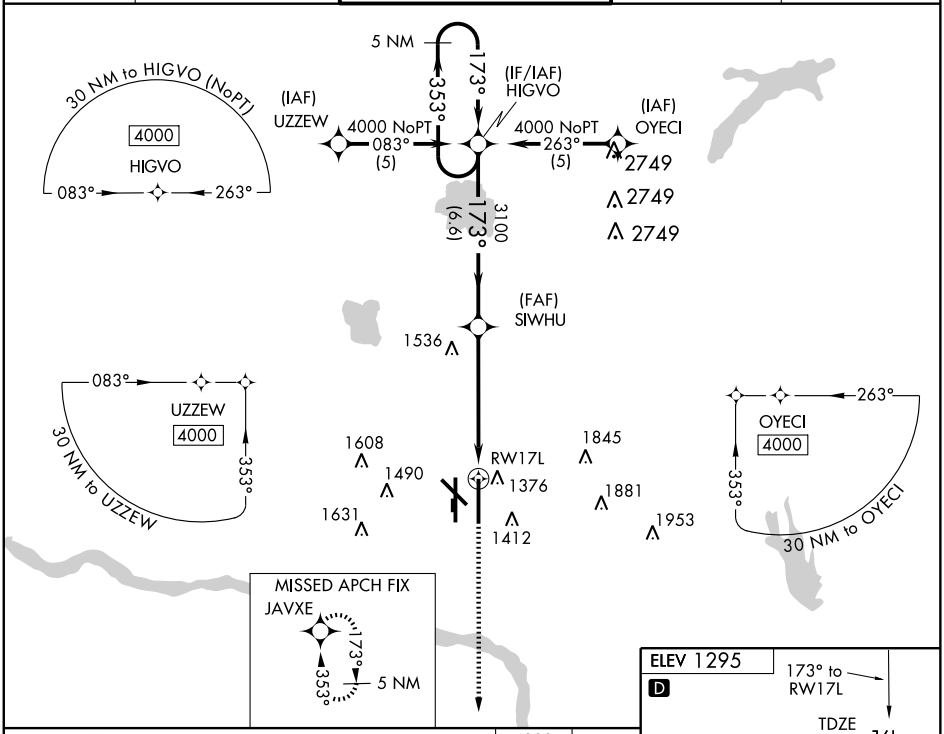
OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

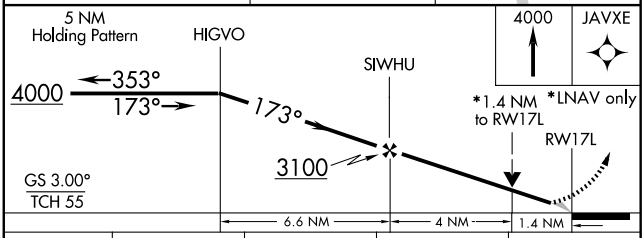
ASR: For inoperative MALSR, increase LNAV/VNAV Cat D visibility to RVR 5000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA.

MALSR

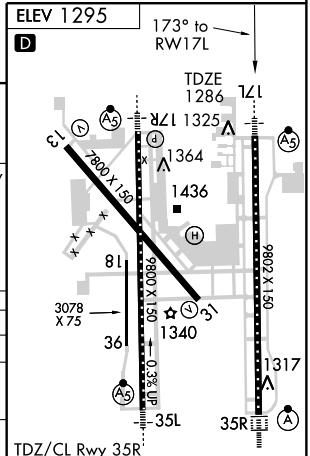
MISSED APPROACH: Climb to 4000 direct to JAVXE and hold.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
LPV DA	1486/24 200 (200-½)			
LNAV/ VNAV DA	1610/24 324 (400-½)			1610/40 324 (400-¾)
LNAV MDA	1800/24 514 (600-½)		1800/50 514 (600-1)	1800/60 514 (600-1¼)
CIRCLING	1800-1 505 (600-1)		1800-1½ 505 (600-1½)	1860-2 565 (600-2)



TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9802
173°	TDZE	1286
	Apt Elev	1295

RNAV (RNP) Y RWY 17L

OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

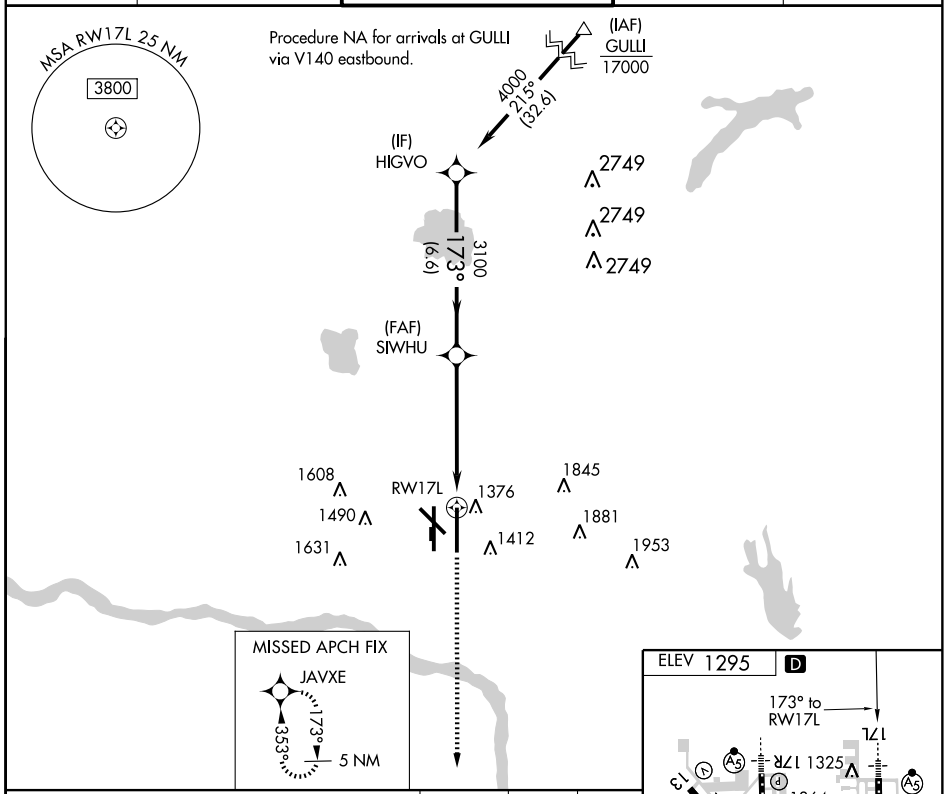
T NA ASR

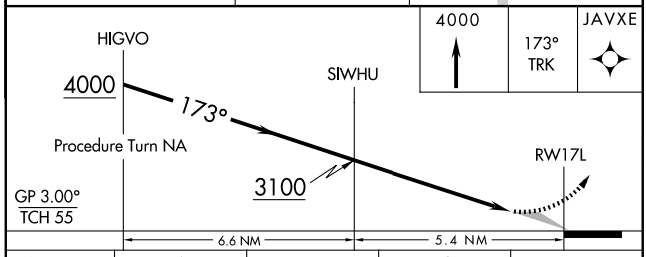
GPS required. For uncompensated Baro-VNAV systems, procedure NA below -12°C (10°F) or above 46°C (115°F). For inoperative MALSR, increase RNP 0.30 visibility to RVR 6000 all Cats.

MALSR

MISSED APPROACH: Climb to 4000 via 173° track to JAVXE and hold.

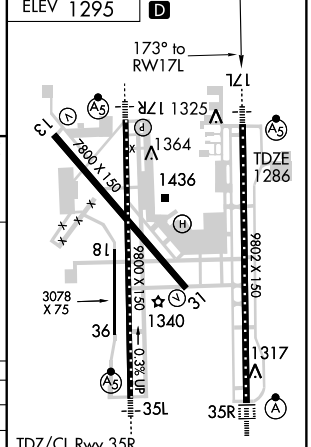
ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35





CATEGORY	A	B	C	D
RNP 0.30 DA	1590/40 304 (300-¾)			

SPECIAL AIRCRAFT & AIRCREW AUTHORIZATION REQUIRED



TDZ/CL Rwy 35R
REIL Rwys 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9802
353°	TDZE	1294
	Apt Elev	1295

RNAV (RNP) Z RWY 35R

OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

T NA ASR

GPS required. For uncompensated Baro-VNAV systems, procedure NA below -12°C (10°F) or above 46°C (115°F). For inoperative ALSF-2, increase RNP 0.30 visibility to RVR 5000 all Cats.

ALSF-2

MISSED APPROACH: Climb to 4000 via 353° track to ILUFI and hold. Continue climb-in-hold to 4000.

ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35

MSA RW35R 25 NM
3800

1608
1490
1631
1376
1412
RW35R
1845
1881
1953

(FAF)
EQXIC
3000
(5)
353°
2049
(IF)
JAVXE

MISSED APCH FIX
4 NM
353°
173°
ILUFI

Procedure NA for arrivals at DATTA via V14-440 southwest bound.

DATTA
11000
3100
083°
(20)

(IAF)
LURCI
9600
3100
066°
(13.1)

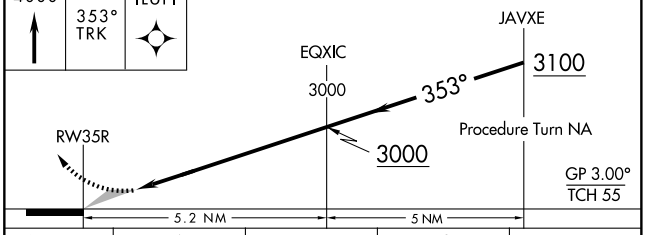
3100
316°
(25.2)
(IAF)
DECKK
13000

ELEV 1295 D

17L
17R
1325
1364
1436
13
31
18
36
7800 X 150
9800 X 150
9802 X 150
3078 X 75
1340
1317
TDZE
1294
35L
35R

TDZ/CL Rwy 35R
REIL Rwy 13 and 31
MIRL Rwy 13-31
HIRL Rwys 17L-35R and 17R-35L
353° to RW35R

4000	353° TRK	ILUFI



CATEGORY	A	B	C	D
RNP 0.30 DA	1593/24 299 (300½)			

SPECIAL AIRCRAFT & AIRCREW AUTHORIZATION REQUIRED

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR IRW 114.1 Chan 88	APP CRS 190°	Rwy Idg 9802 TDZE 1286 Apt Elev 1295

VOR RWY 17L

OKLAHOMA CITY/ WILL ROGERS WORLD (OKC)

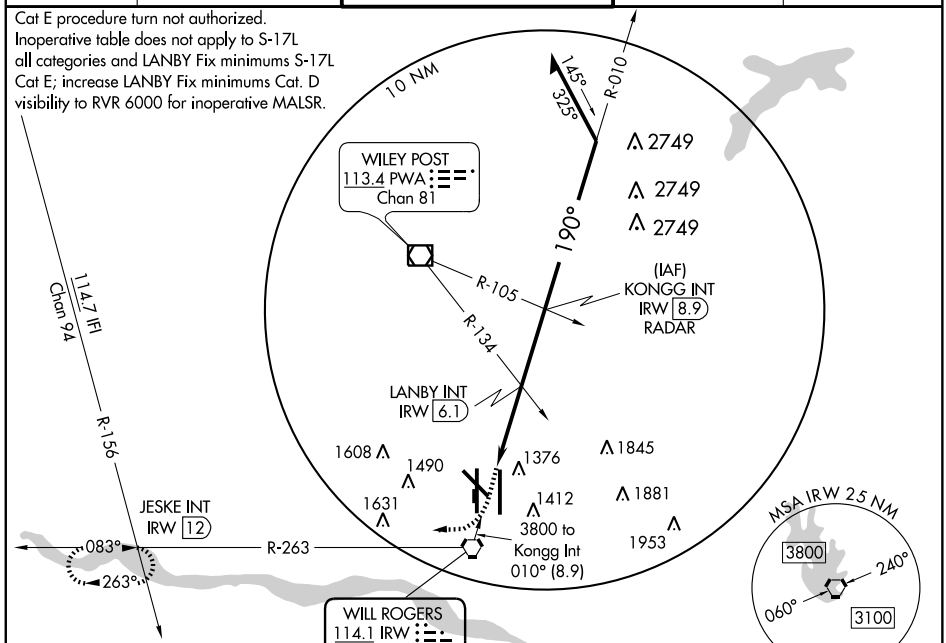
ASR

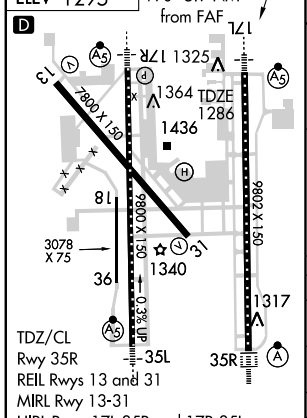
MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 via IRW VORTAC R-263 to JESKE Int and hold.

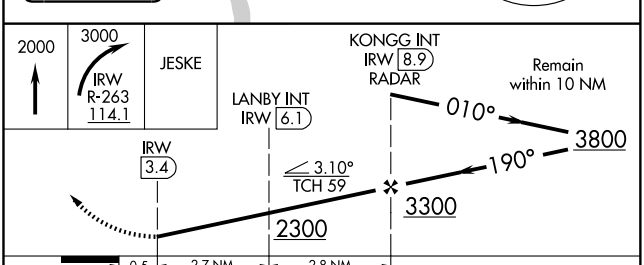
ATIS	OKE CITY APP CON	ROGERS TOWER	GND CON	CLNC DEL
125.85	124.6 266.8	119.35 269.45	121.9 348.6	124.35

Cat E procedure turn not authorized.
Inoperative table does not apply to S-17L all categories and LANBY Fix minimums S-17L Cat E; increase LANBY Fix minimums Cat. D visibility to RVR 6000 for inoperative MALSR.





FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50



CATEGORY	A	B	C	D	E
S-17L	2300/60 1014(1100-1¼)	2300-1½ 1014(1100-1½)	2300-3 1014 (1100-3)		
CIRCLING	2300-1¼ 1005(1100-1¼)	2300-1½ 1005(1100-1½)	2300-3 1005 (1100-3)		
LANBY FIX MINIMUMS					
S-17L	1680/24 394 (400-½)			1680/50 394 (400-1)	1680-1½ 394 (400-1½)
CIRCLING	1760-1 465 (500-1)		1760-1½ 465 (500-1½)	1860-2 565 (600-2)	2240-3 945 (1000-3)

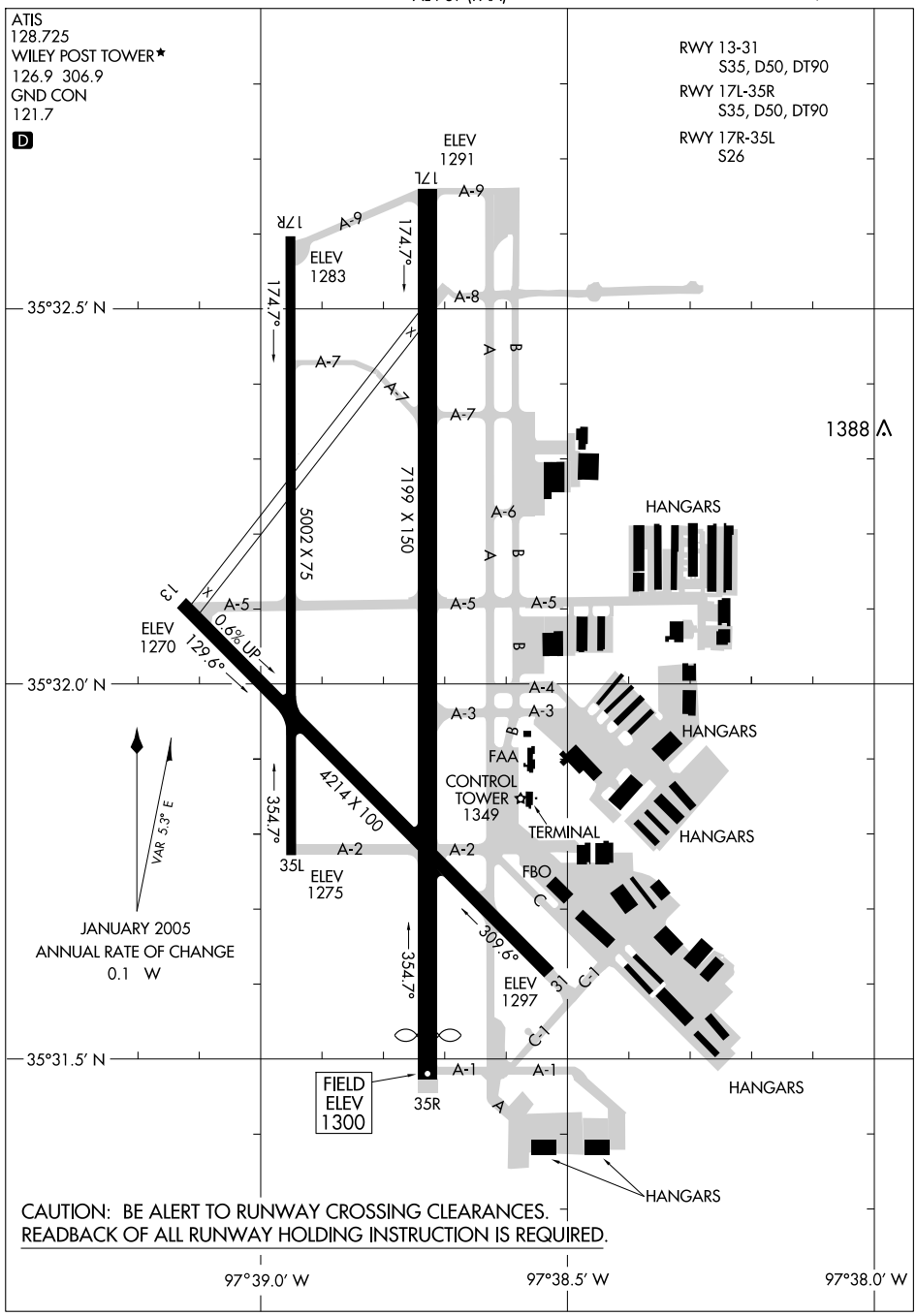
SC-1, 17 DEC 2009 to 14 JAN 2010

09239

AIRPORT DIAGRAM

AL-739 (FAA)

OKLAHOMA CITY/ WILEY POST (PWA)
OKLAHOMA CITY, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6844
007°	TDZE	1299
	Apt Elev	1299

GPS RWY 35R

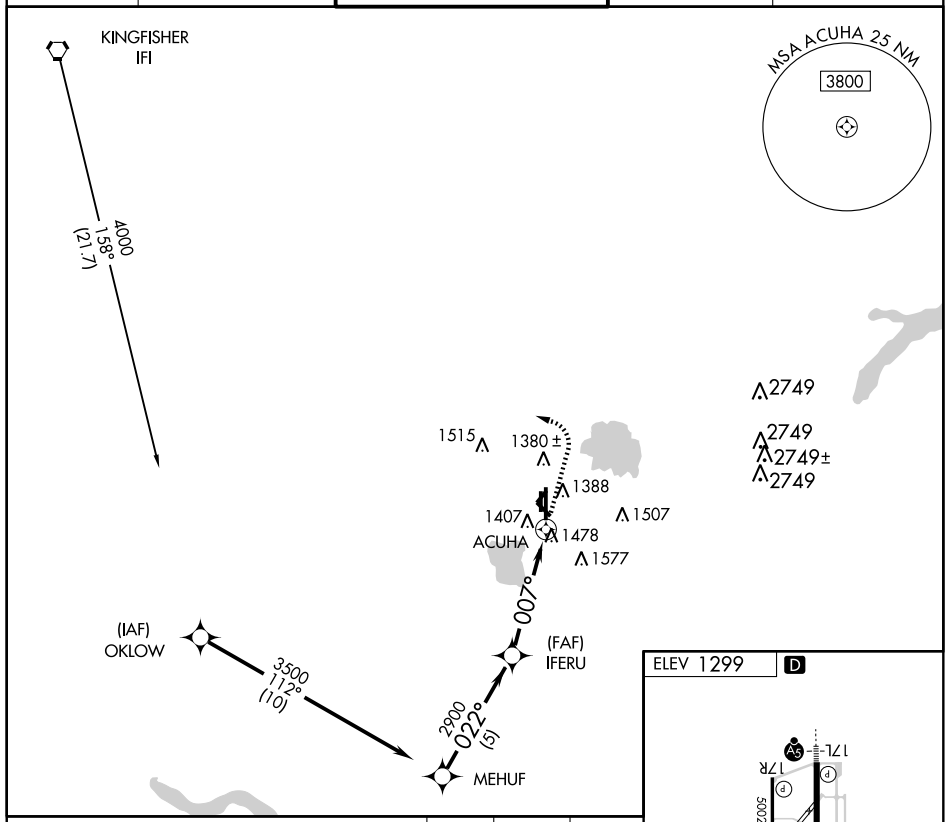
OKLAHOMA CITY/ WILEY POST (PWA)

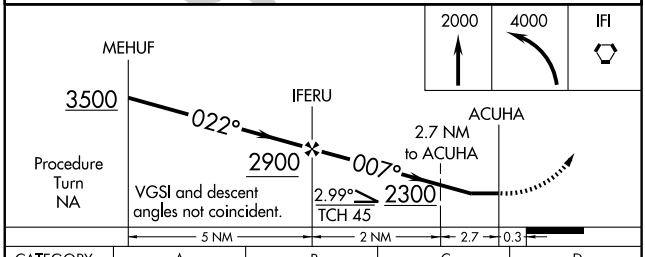
NA

ASR

MISSED APPROACH: Climb to 2000, then climbing left turn to 4000 direct IFI VORTAC.

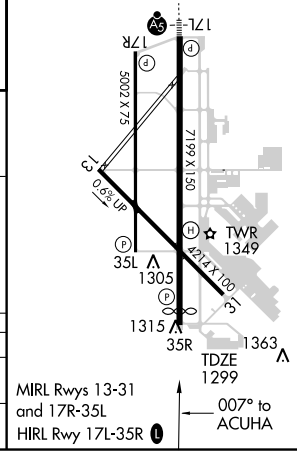
ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95





CATEGORY	A	B	C	D
S-35R	1740-1	441 (500-1)	1740-1¼ 441 (500-1¼)	1740-1½ 441 (500-1½)
CIRCLING	1780-1	481 (500-1)	1780-1½ 481 (500-1½)	1880-2 581 (600-2)

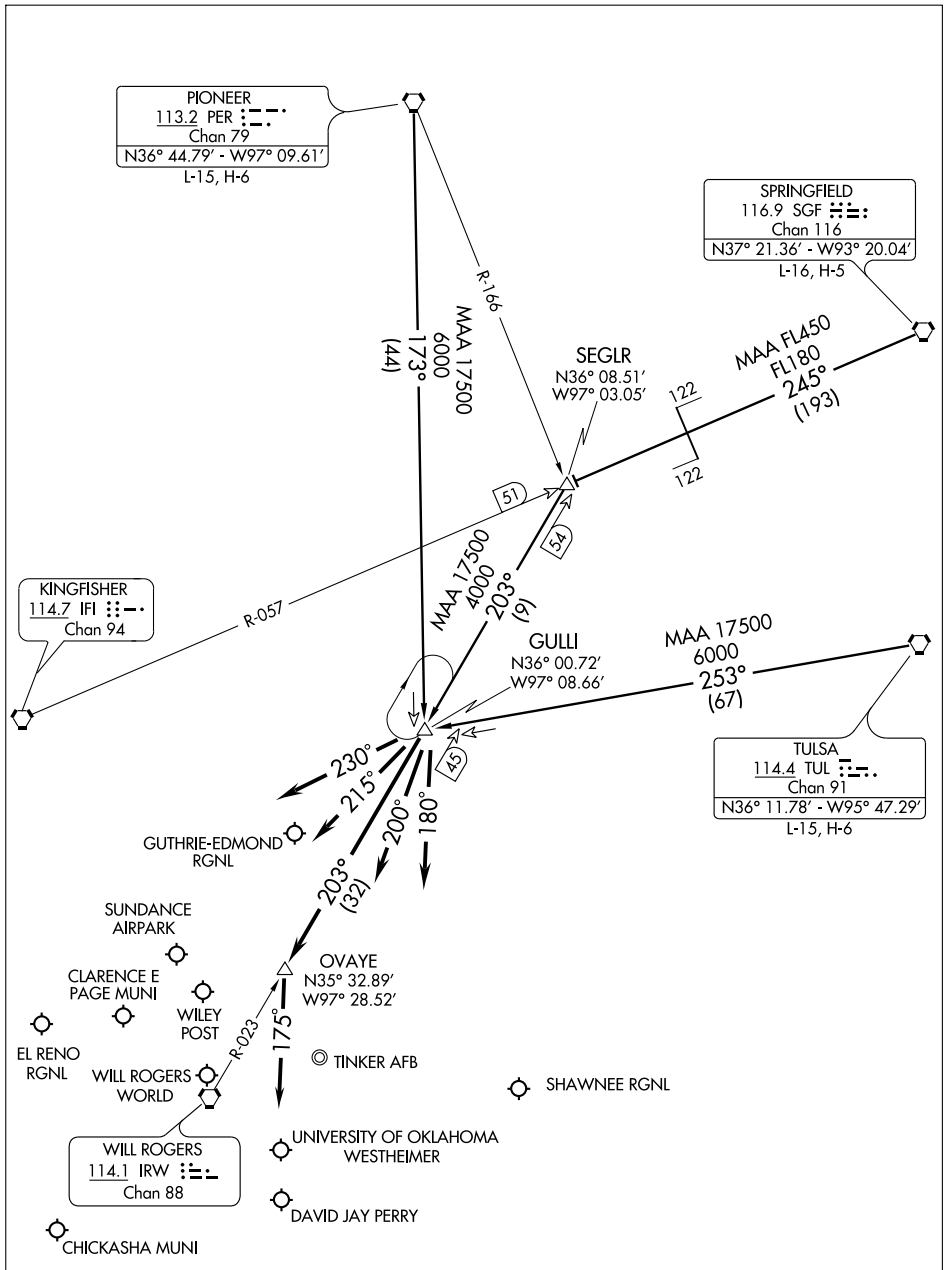
ELEV 1299 D



SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-PWA	APP CRS	Rwy Idg	6844
110.15	172°	TDZE	1290
		Apt Elev	1299

ILS RWY 17L

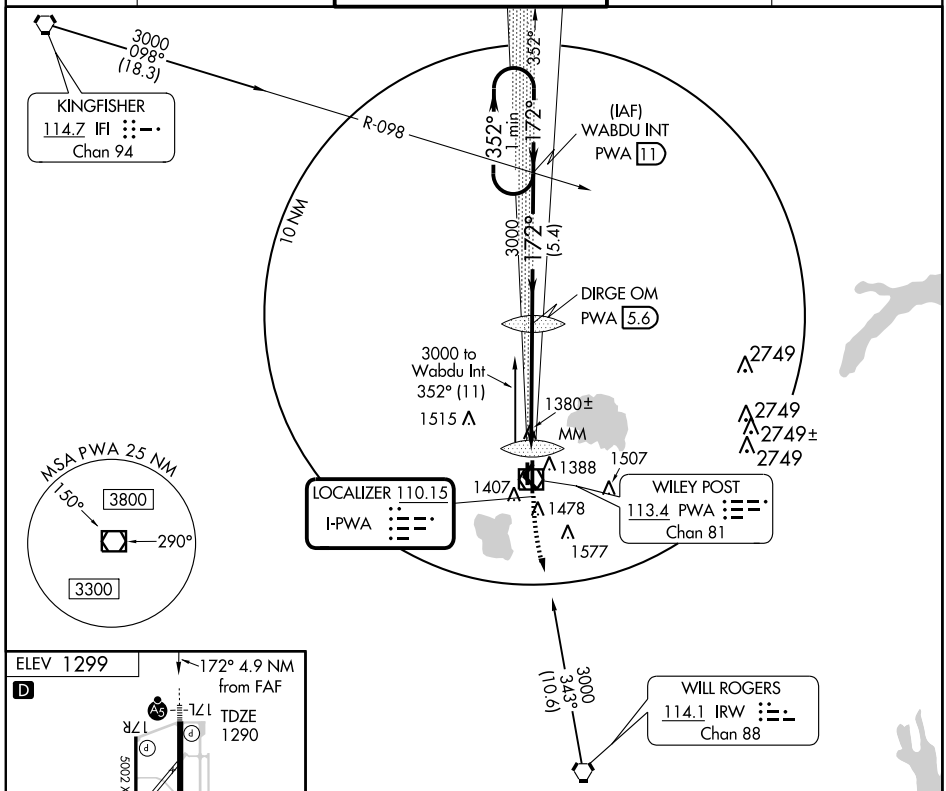
OKLAHOMA CITY/ WILEY POST (PWA)

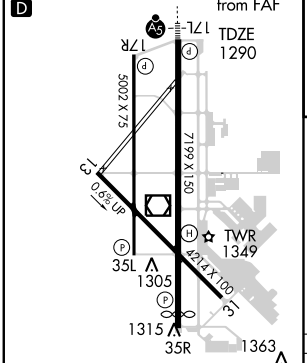
ASR

MALSR

MISSED APPROACH: Climbing left turn to 3000 direct IRW VORTAC.

ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95

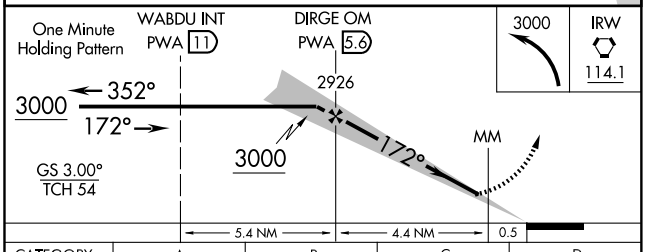




MIRL Rwys 13-31 and 17R-35L

HIRL Rwy 17L-35R L

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-ILS 17L	1490-½ 200 (200-½)			
S-LOC 17L	1660-½ 370 (400-½)			1660-¾ 370 (400-¾)
CIRCLING	1780-1 481 (500-1)		1780-1½ 481 (500-1½)	1880-2 581 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6844
172°	TDZE	1290
	Apt Elev	1299

RNAV (GPS) RWY 17L

OKLAHOMA CITY/ WILEY POST (PWA)

ASR

DME/DME RNP -0.3 NA. If local altimeter setting not received, use Will Rogers World altimeter setting and increase all MDAs 40 feet.

MALSR

MISSED APPROACH: Climbing right turn to 3400 direct IFI VORTAC and hold.

ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95

Procedure NA for arrivals at IFI VORTAC via V-140 southwest bound.

(IAF)
KINGFISHER
IFI

243°
063°
4 NM
3000
085°
(15.5)

(IF)
AHOWU

3000
160°
(9.8)

(FAF)
BAHHI

172°

1515
1380 ±
RW17L
1388
1407
1478
1507
1577

2749
2749
2749±
2749

MSA RW17L 25 NM
3800

ELEV 1299

D

172° to RW17L

17L
17R
TDZE
1290
5002 X 75
7199 X 150
3°
0.6% UP
TWR
1349
35L
1305
4214 X 100
3°
1315
35R
1363

MIRL Rwys 13-31and 17R-35L
HIRL Rwy 17L-35R L

VGSI and descent angles not coincident.

3400 IFI

AHOWU
BAHHI
3000
160°
3000
172°
RW17L
Procedure Turn NA
3.05°
TCH 54
9.8 NM
5.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1700-1	410 (500-1)	1700-1¼	410 (500-1¼)
CIRCLING	1780-1	481 (500-1)	1780-1½ 481 (500-1½)	1880-2 581 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME PWA 113.4 Chan 81	APP CRS 040°	Rwy Idg N/A TDZE N/A Apt Elev 1299

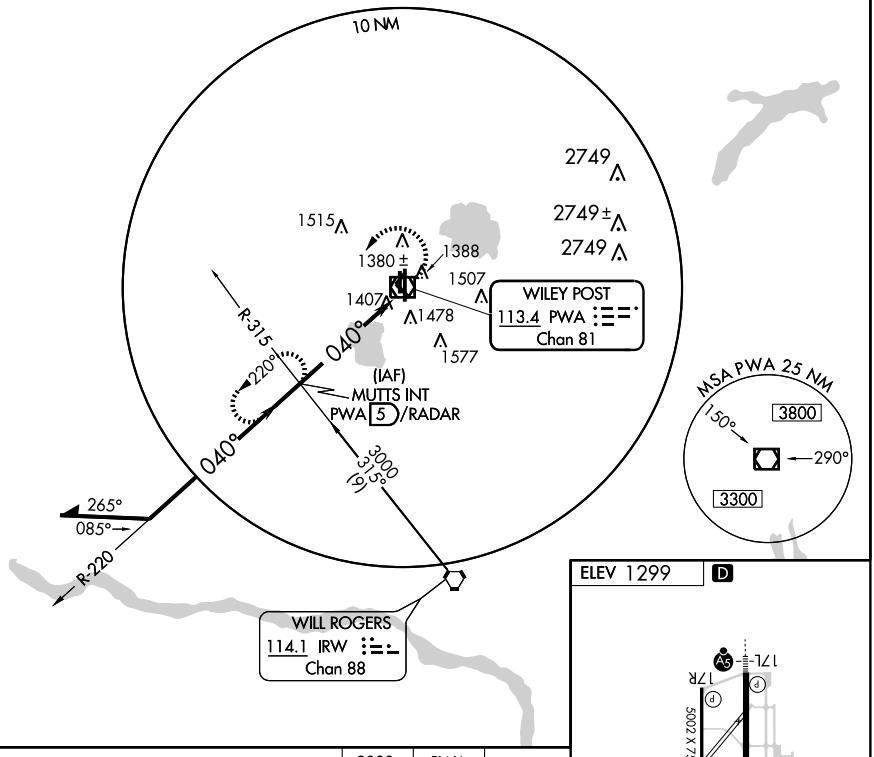
VOR-A

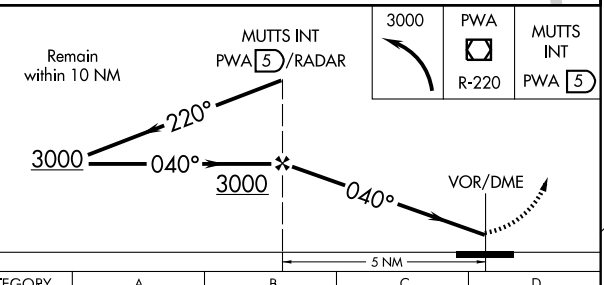
OKLAHOMA CITY/ WILEY POST (PWA)

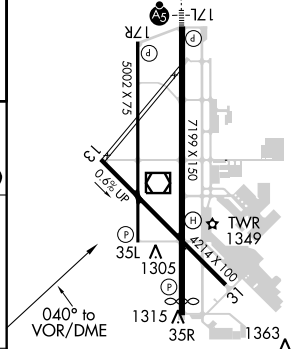
ASR

MISSED APPROACH: Climbing left turn to 3000 via PWA VOR/DME R-220 to MUTTS Int and hold.

ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95







CATEGORY	A	B	C	D
CIRCLING	1780-1	481 (500-1)	1780-1½ 481 (500-1½)	1880-2 581 (600-2)

MIRL Rwys 13-31 and 17R-35L
HIRL Rwy 17L-35R L

VOR/DME PWA	APP CRS	Rwy Idg	6844
113.4	176°	TDZE	1290
Chan 81		Apt Elev	1299

VOR RWY 17L

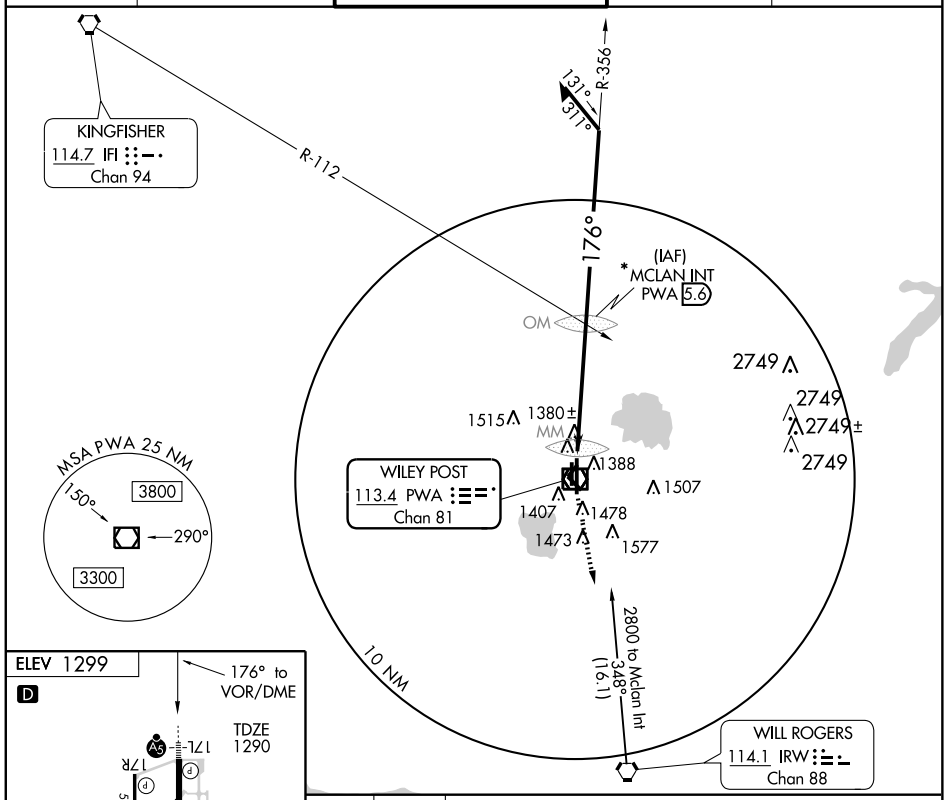
OKLAHOMA CITY/ WILEY POST (PWA)

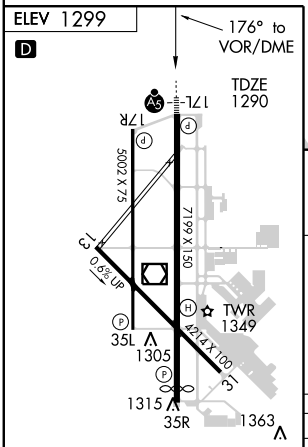
ASR *Radar fix in lieu of MCLAN INT will be provided on pilot request. Cat D S-17L visibility increased ¼ mile for inoperative MALSR.

MALSR

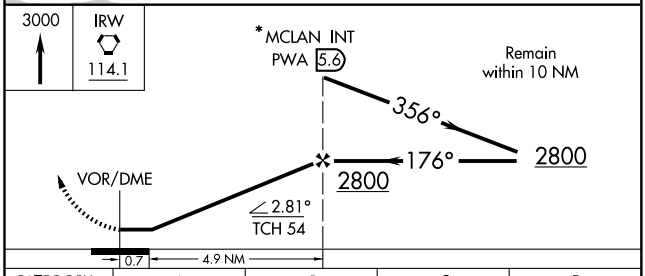
MISSED APPROACH: Climb to 3000 direct IRW VORTAC.

ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95





MIRL Rwys 13-31 and 17R-35L
HIRL Rwy 17L-35R L



CATEGORY	A	B	C	D
S17L	1640-½ 350 (400-½)			1640-1 350 (400-1)
CIRCLING	1780-1 481 (500-1)		1780-1½ 481 (500-1½)	1880-2 581 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME PWA 113.4 Chan 81	APP CRS 348°	Rwy Idg 6844 TDZE 1299 Apt Elev 1299

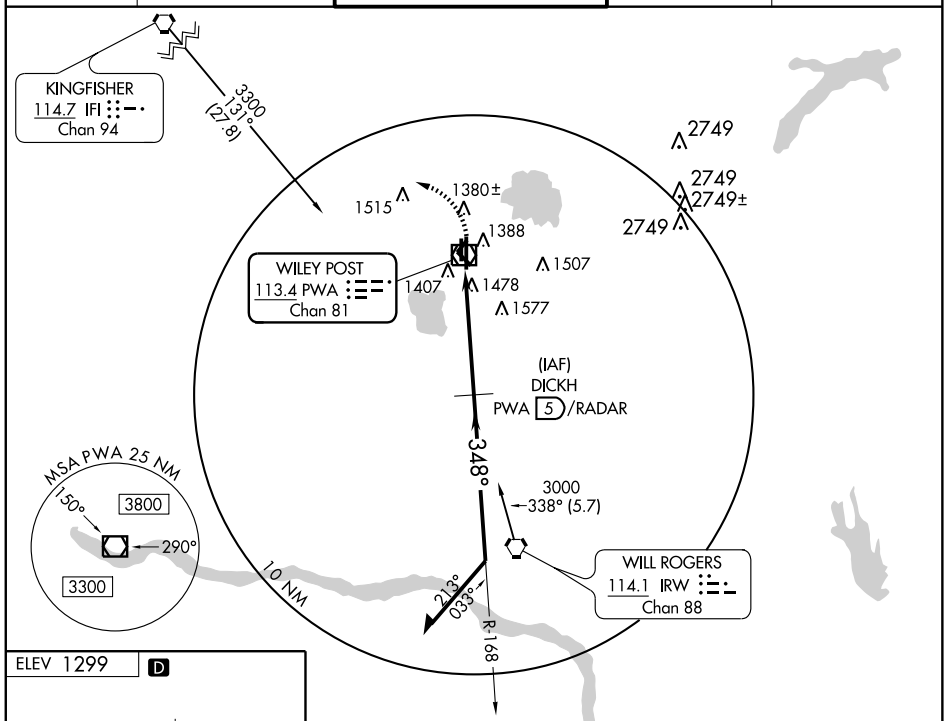
VOR RWY 35R

OKLAHOMA CITY/ WILEY POST (PWA)

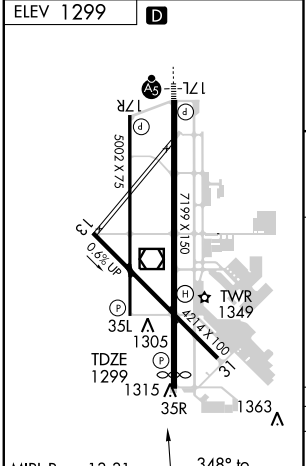
ASR

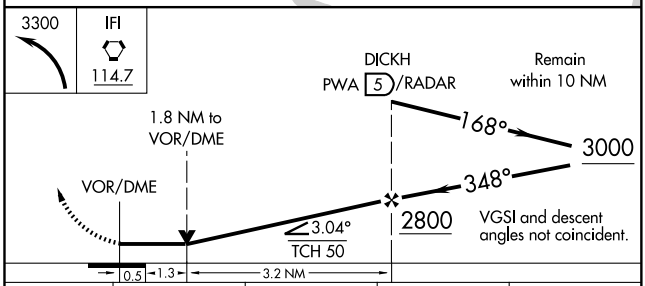
MISSED APPROACH: Climbing left turn to 3300 direct IFI VORTAC.

ATIS	OKE CITY APP CON	WILEY POST TOWER ★	GND CON	UNICOM
128.725	124.6 266.8	126.9 (CTAF) L 306.9	121.7	122.95



RADAR or DME REQUIRED





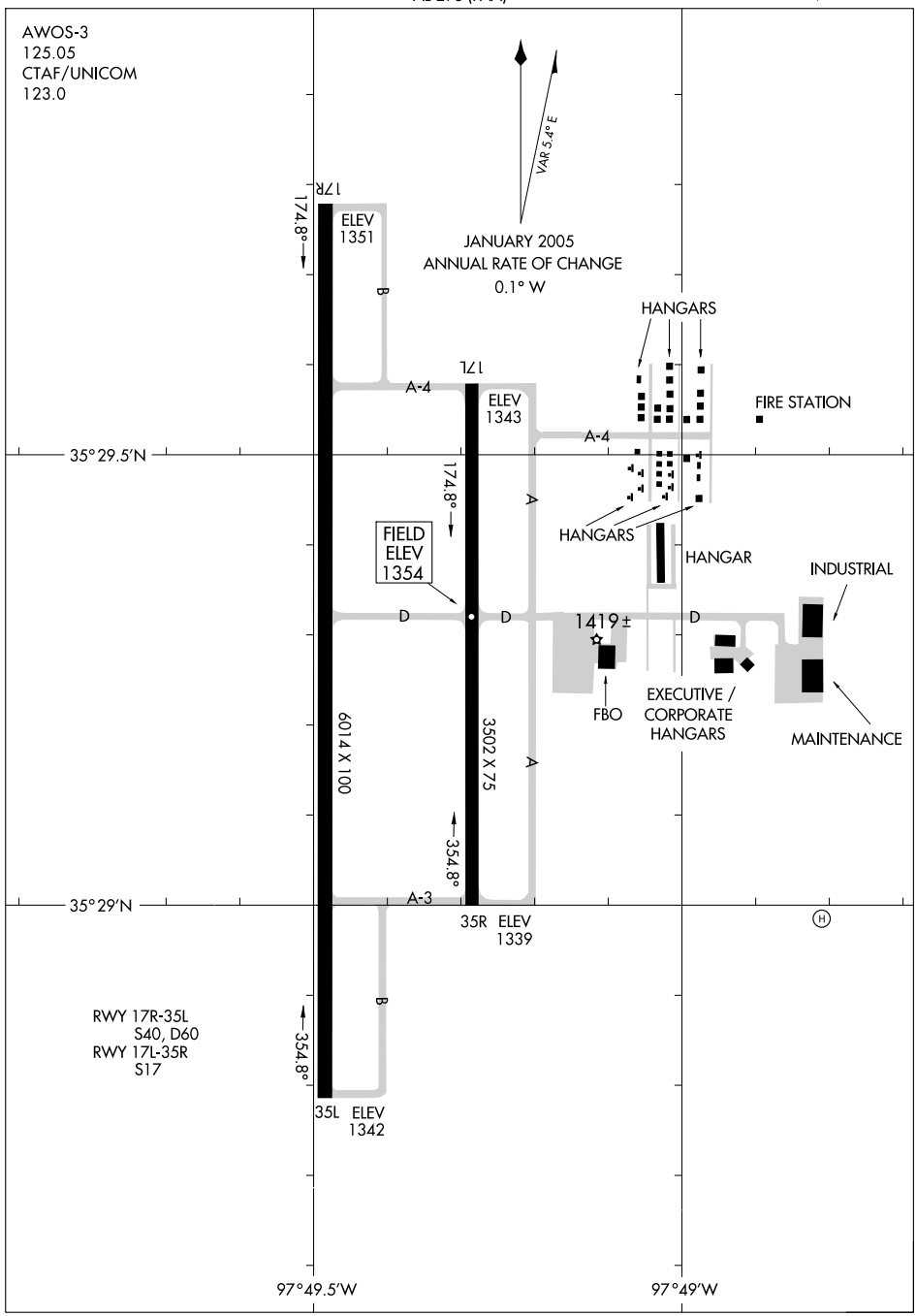
CATEGORY	A	B	C	D
S-35R	1740-1 441 (500-1)		1740-1¼ 441 (500-1¼)	1740-1½ 441 (500-1½)
CIRCLING	1780-1 481 (500-1)		1780-1½ 481 (500-1½)	1880-2 581 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

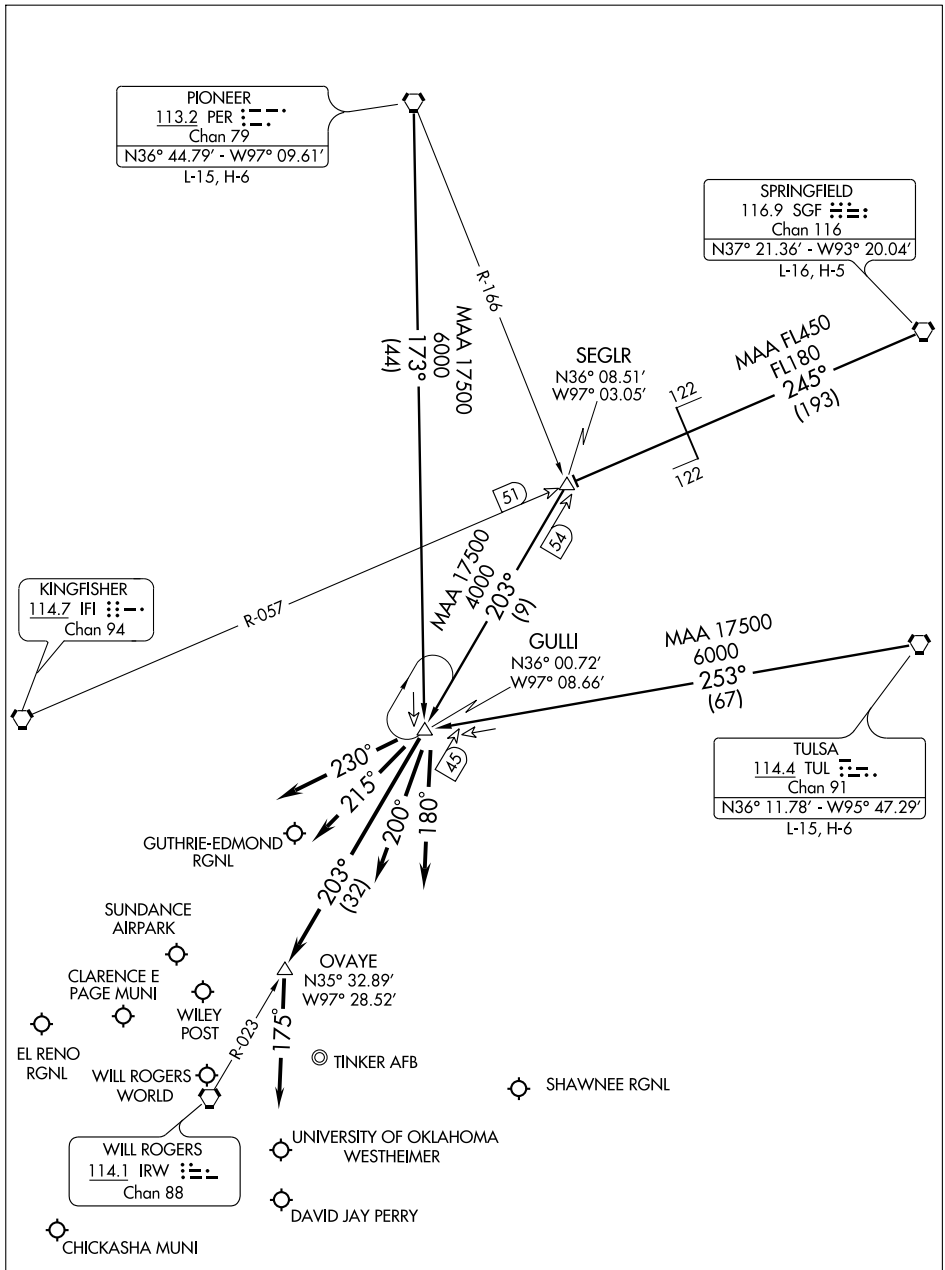
OKLAHOMA CITY/CLARENCE E. PAGE MUNI (RCE)
AL-298 (FAA)
OKLAHOMA CITY, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6014
CH 42701 W17A	173°	TDZE	1351
		Apt Elev	1354

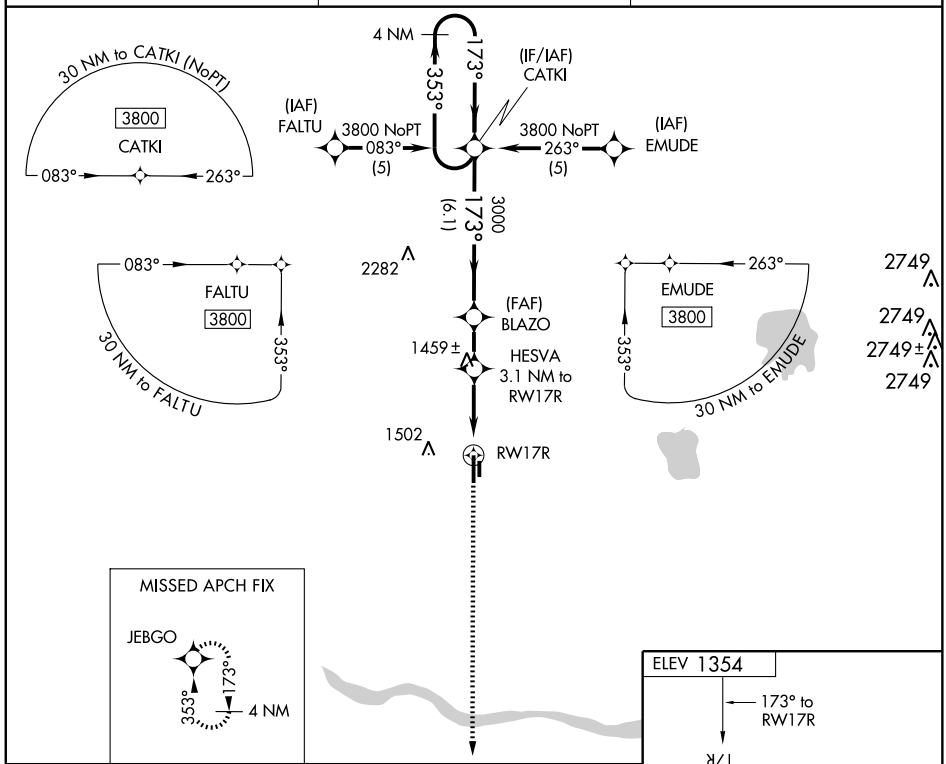
RNAV (GPS) RWY 17R

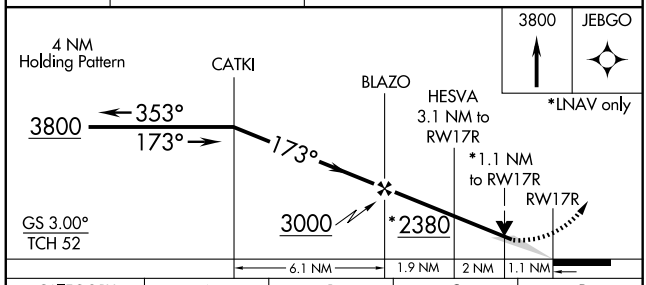
OKLAHOMA CITY/CLARENCE E. PAGE MUNI (RCE)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Wiley Post altimeter setting and increase all DA 29 feet and all MDA 40 feet and increase LPV all Cats visibility ¼ mile. VDP NA when using Wiley Post altimeter setting.

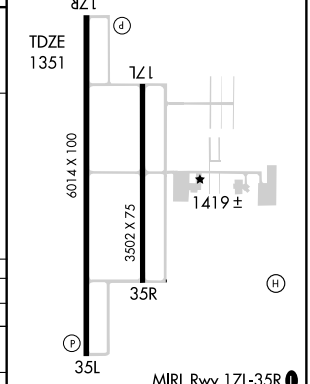
MISSED APPROACH: Climb to 3800 direct JEBGO and hold.

AWOS-3	OKE CITY APP CON	UNICOM
125.05	124.6 266.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1601-¾ 250 (300-¾)			NA
LNAV MDA	1760-1 409 (500-1)		1760-1¼ 409 (500-1¼)	NA
CIRCLING	1800-1 446 (500-1)	1820-1 466 (500-1)	1820-1½ 466 (500-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6014
CH 86901	353°	TDZE	1350
W35A		Apt Elev	1354

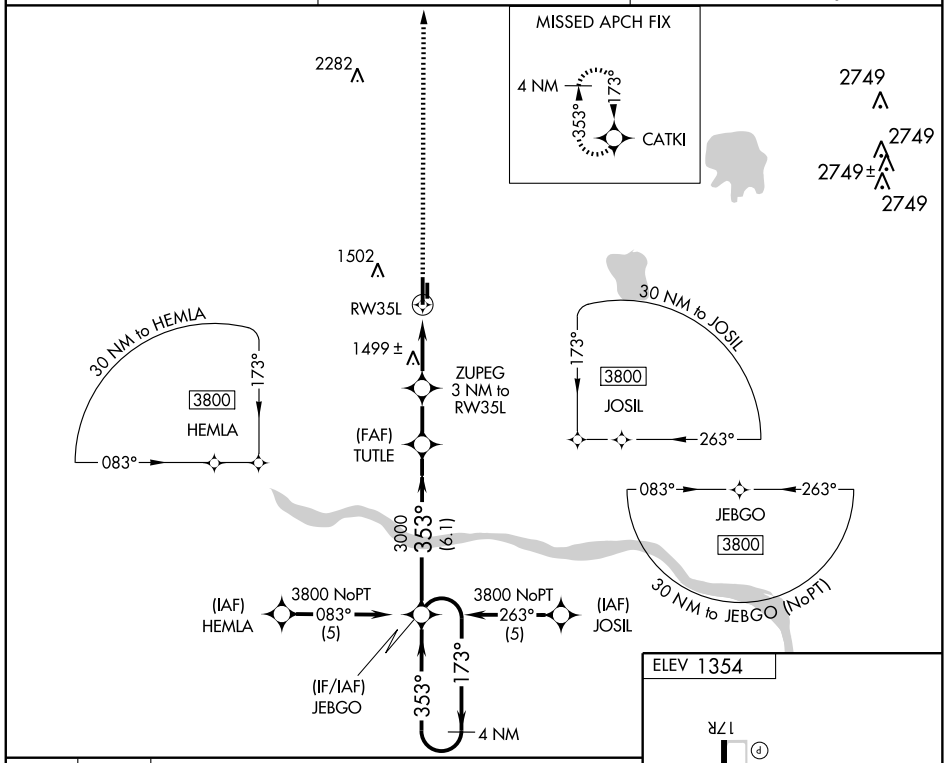
RNAV (GPS) RWY 35L

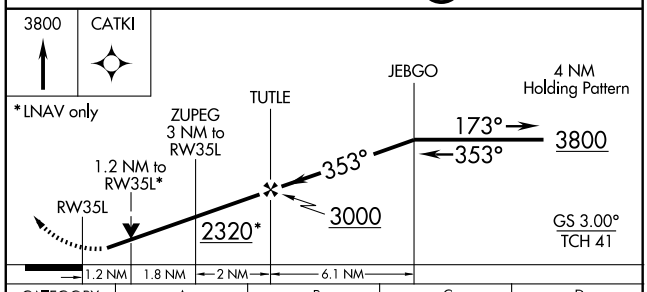
OKLAHOMA CITY/CLARENCE E. PAGE MUNI (RCE)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Wiley Post altimeter setting and increase all DA 29 feet and all MDA 40 feet and increase LPV all Cats visibility ¼ mile. VDP NA when using Wiley Post altimeter setting.

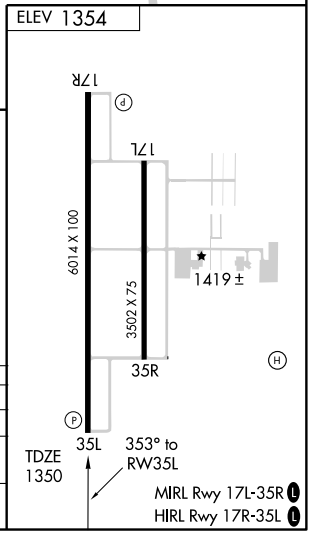
MISSED APPROACH: Climb to 3800 direct CATKI and hold.

AWOS-3	OKE CITY APP CON	UNICOM
125.05	124.6 266.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1651-1 301 (300-1)			NA
LNAV MDA	1760-1 410 (500-1)		1760-1¼ 410 (500-1¼)	NA
CIRCLING	1800-1 446 (500-1)	1820-1 466 (500-1)	1820-1½ 466 (500-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC IRW	APP CRS	Rwy Idg	N/A
114.1	300°	TDZE	N/A
Chan 88		Apt Elev	1354

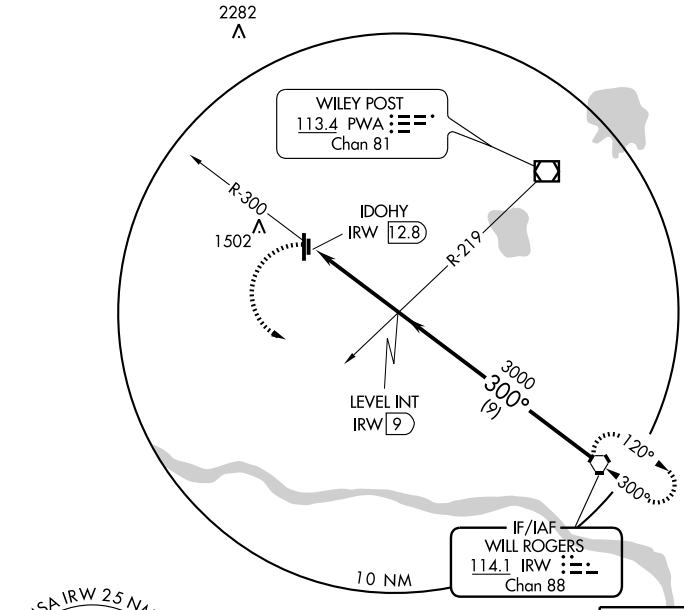
VOR-B

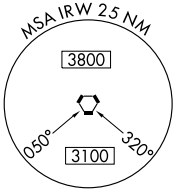
OKLAHOMA CITY/CLARENCE E. PAGE MUNI (RCE)

When local altimeter setting not received, use Wiley Post altimeter setting and increase all MDA 40 feet.

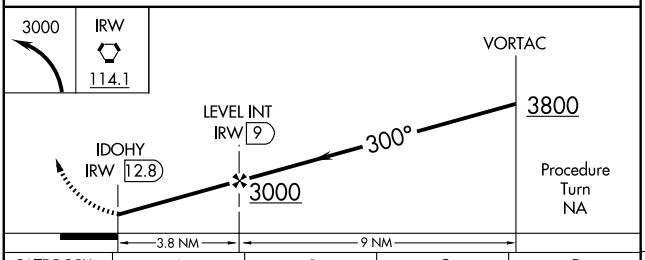
MISSED APPROACH: Climbing left turn to 3000 direct IRW VORTAC and hold.

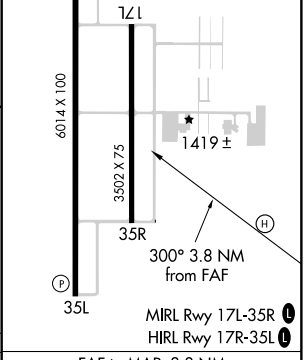
AWOS-3	OKE CITY APP CON	UNICOM
125.05	124.6 266.8	123.0 (CTAF) L





Procedure NA for arrival at IRW VORTAC on airway radials 241 CW 292.

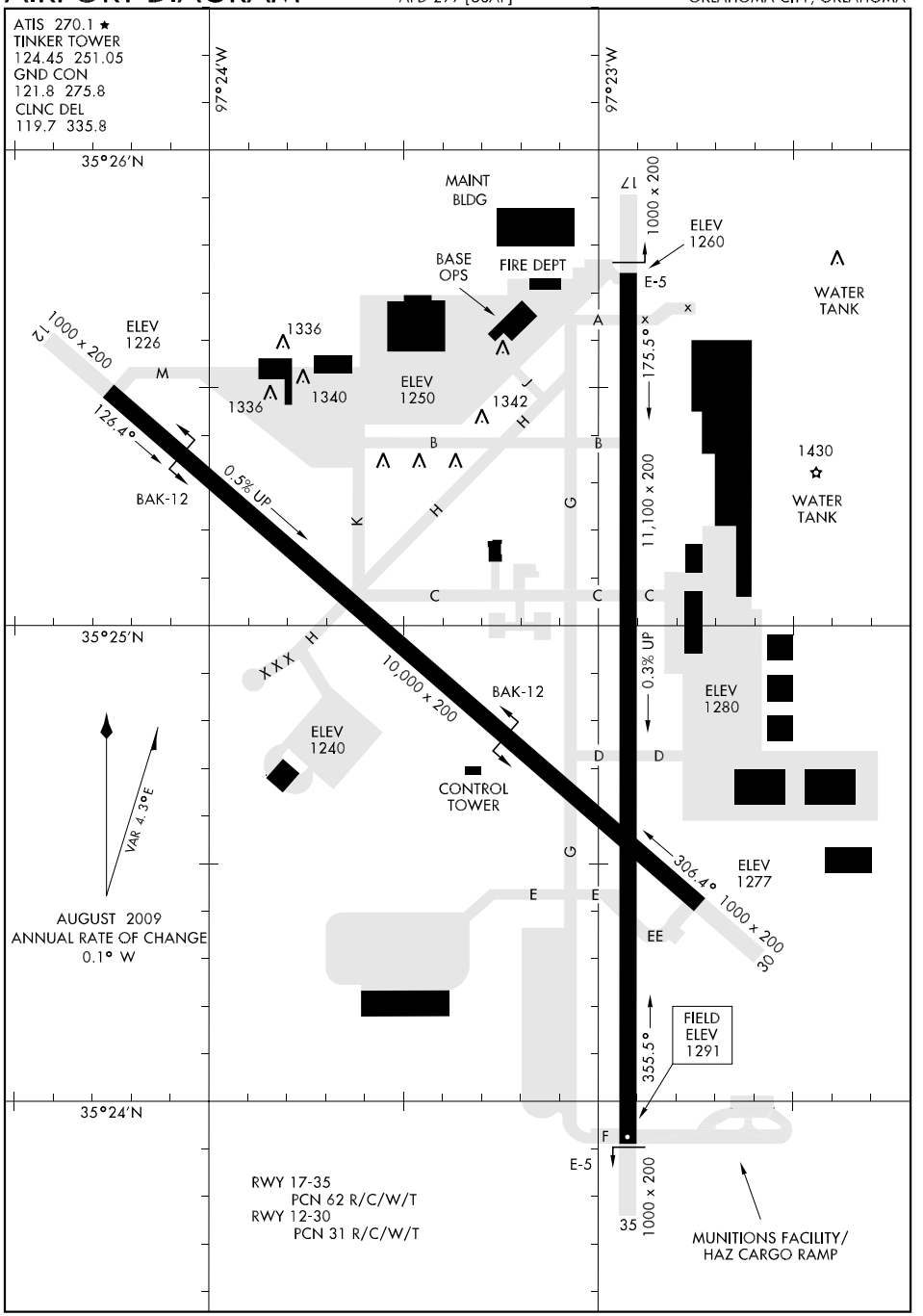




CATEGORY	A	B	C	D
CIRCLING	1860-1	506 (600-1)	1860-1½ 506 (600-1½)	NA

FAF to MAP 3.8 NM					
Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

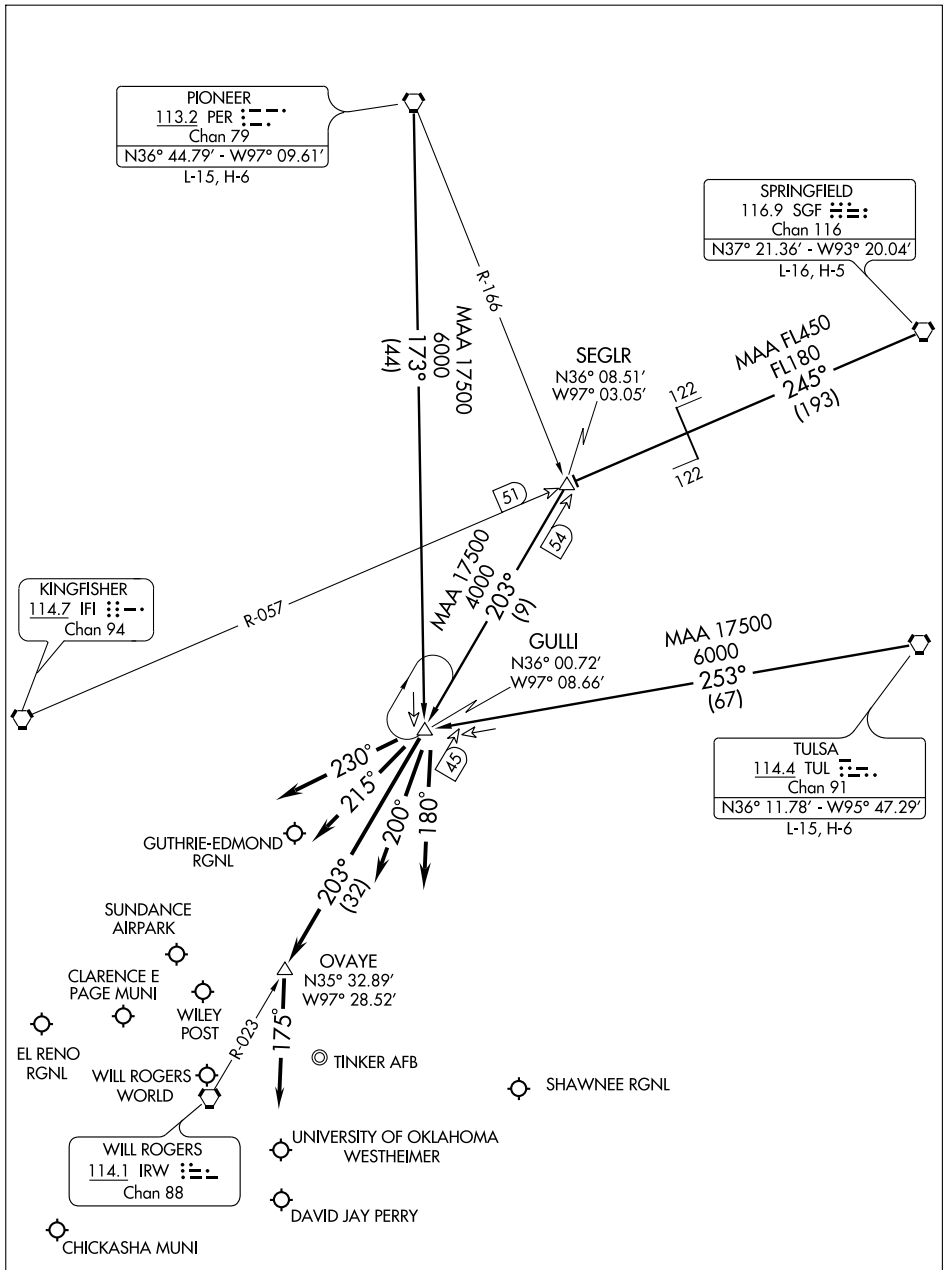
SC-1, 17 DEC 2009 to 14 JAN 2010



SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 17

TINKER AFB (KTIK)

LOC I-FRJ	APCH CRS	Rwy ldg 11,100 / TDZE 1267 / Arpt Elev 1291
111.3	175°	AL-299 [USAF]

* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

SALS A2

MISSED APPROACH: Climb to 4000 on TIK TACAN R-174 to 15 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

***When ALS inop, increase CAT CDE vis by ¼ mile.

DME required for localizer only approach. Localizer unusable from TIK 0.1 DME to rwy threshold.

Max holding 230 KIAS

(IAF) ELLIS TIK 20

ANNNA TIK 15 / TIK 12

GEAST TIK 15

LOTTT TIK 5.1

WILL ROGERS 114.1 IRW Chan 88

TINKER Chan 105 TIK

LOCALIZER 111.3 I-FRJ

EMERG SAFE ALT 100 NM 4700

MSA TIK 25 NM: 4000 (270°–080°), 2800 (080°–170°), 3200 (170°–270°)

4000 TIK R-174 / TIK 15

LOTTT IRW R-042 TIK 5.1 — ANNNA Intcp Lczr TIK 12 — GEAST TIK 15 — ELLIS TIK R-026 20

TACAN TIK 0.3

0.8 — 4.8 NM

ELEV 1291 — 175° 5.6 NM from FAF

TDZE 1267

HIRL Rwy 17-35, 12-30

CATEGORY	C	D	E
S-ILS 17	1467/40 200 (200-¾)		
S-LOC 17 *	1720/50 453 (500-1)	1720/60 453 (500-1¼)	
CIRCLING **	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 17 ***	2000-1¾ 733 (800-1¾)	2000-2 733 (800-2)	2000-2¼ 733 (800-2¼)

FAF to MAP 4.8 NM					
Knots	120	140	160	180	200
Min:Sec	2:24	2:03	1:48	1:36	1:26

SC-1, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 35

LOC I-TIK	APCH CRS	Rwy ldg 11,100 TDZE 1291 Arpt Elev 1291
109.5	355°	AL-299 [USAF]

TINKER AFB (KTIK)

▼ * When ALS inop, increase CAT CDE RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT C RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

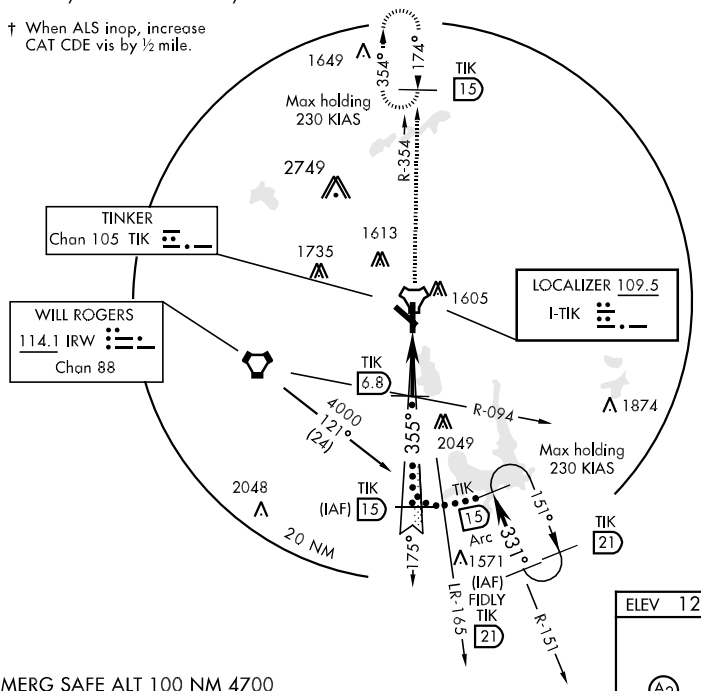
ALSF-1

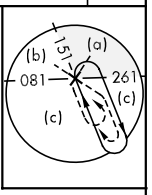
MISSED APPROACH: Climb to 4000 on the TIK TACAN R-354 to 15 DME and hold.

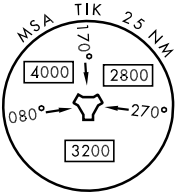
ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

*** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

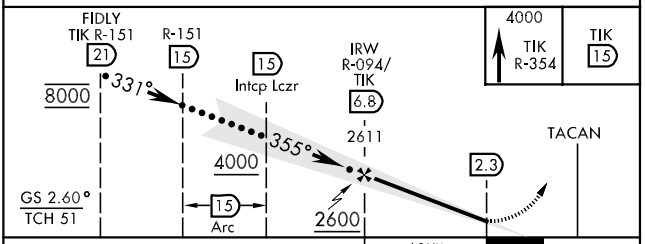
† When ALS inop, increase CAT CDE vis by ½ mile.

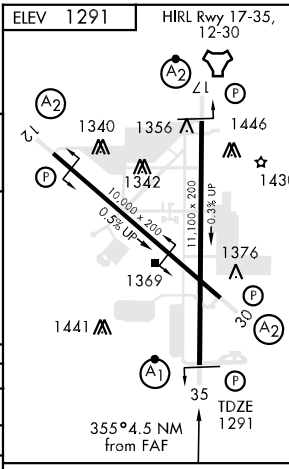






EMERG SAFE ALT 100 NM 4700





CATEGORY	C	D	E
S-ILS 35 *	1491/24	200 (200-½)	
S-LOC 35 **	1640/40	349 (400-¾)	
CIRCLING ***	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 35 †	1940/60 649 (700-1¼)	1940-1½ 649 (700-1½)	1940-1¾ 649 (700-1¾)

FAF to MAP 4.5 NM

Knots	120	140	160	180	200
Min:Sec	2:15	1:56	1:41	1:30	1:21

HI-TACAN RWY 17

TACAN TIK Chan 105	APCH CRS 172°	Rwy ldg 11,100 TDZE 1267 Arpt Elev 1291	AL-299 [USAF]	TINKER AFB (KTIK)

* CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35. When VGSI inop, circling to Rwy 30 at night NA.

** When ALS inop, increase CAT CDE vis by ¼ mile.

SALS (A2)

MISSED APPROACH: Climb to 4000 on TIK TACAN R-172 to 15 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

Straight-in minimum visibility increased to no light minimum due to offset final approach course.

Max holding 230 KIAS

R-026 1553

R-352 LR-360 1649

CAROO TIK 15

TIK 15 Arc

026° 206°

TIK (IAF) 20 ELLIS 8000

TIK 15 GEAST 1344

172°

2749 TIK 5.1

R-042

CAUTION: Final approach course offset 711' left of rwy extended centerline 3000' from threshold.

WILL ROGERS 114.1 IRW Chan 88

1735 1613 1605

TINKER Chan 105 TIK

4000 039° (31) 1881

2049 1874

2048

TIK 15 1565

20 NM

172° 352° R-172

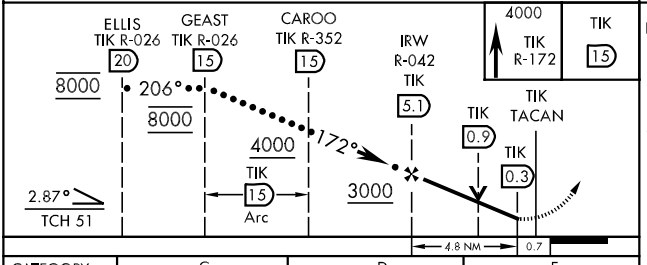
Max holding 230 KIAS

(a) (b) (c) 360 026 316

MSA TIK 25 NM

170° 4000 2800 080° 270° 3200

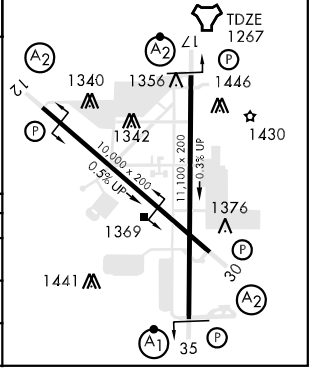
EMERG SAFE ALT 100 NM 4700



ELEV 1291

172° 5.5 NM from FAF

HIRL Rwy 17-35, 12-30



CATEGORY	C	D	E
S-17	1720/60 453 (500-1¼)	1720-1½ 453 (500-1½)	
CIRCLING *	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 17**	2000-1¾ 733 (800-1¾)	2000-2 733 (800-2)	2000-2¼ 733 (800-2¼)

HI-TACAN RWY 35

TACAN TIK Chan 105	APCH CRS 354°	Rwy ldg 11,100 TDZE 1291 Arpt Elev 1291	AL-299 [USAF]	TINKER AFB (KTIK)

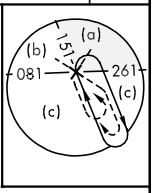
▼ * When ALS inop, increase CAT CDE vis by ½ mile.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35. When VGSI inop, circling to Rwy 30 NA at night.

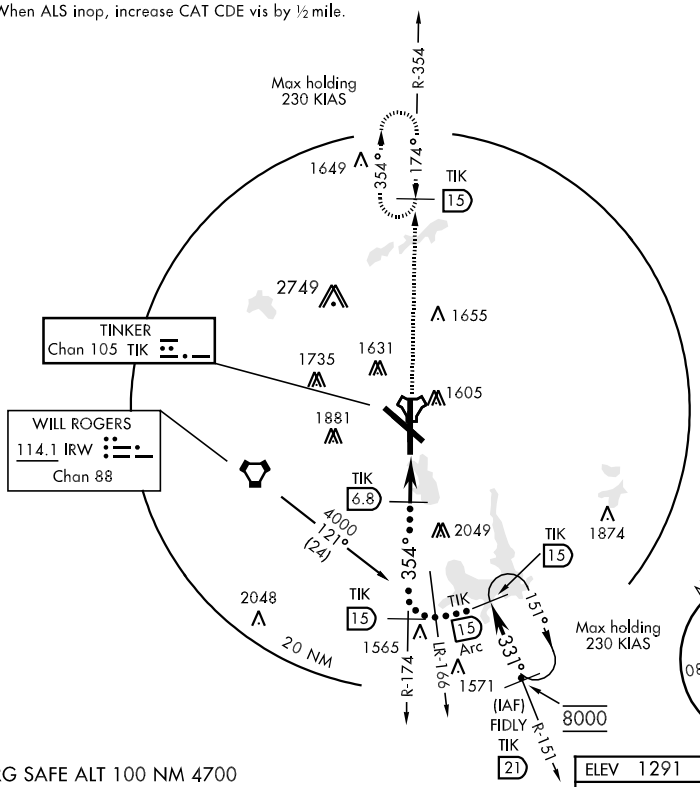
ALSF-1

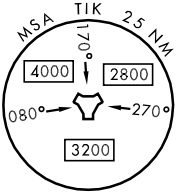
MISSED APPROACH: Climb to 4000 on TIK TACAN R-354 to 15 DME and hold.

ATIS★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

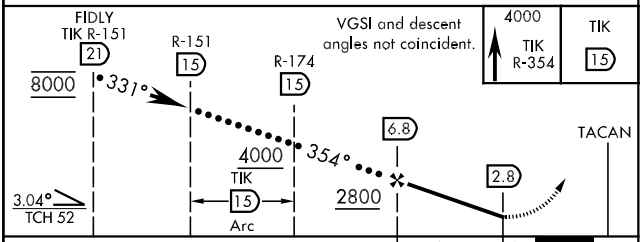
*** When ALS inop, increase CAT CDE vis by ½ mile.

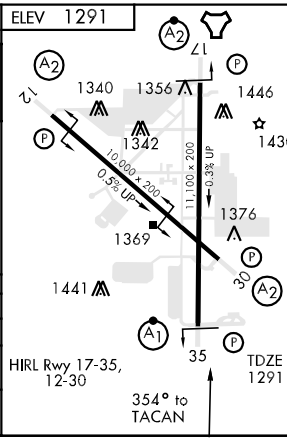






EMERG SAFE ALT 100 NM 4700





CATEGORY	C	D	E
S-35 *	1800/50 509 (600-1)		1800-1¼ 509 (600-1¼)
CIRCLING **	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 35***	1940/60 649 (700-1¼)	1940-1½ 649 (700-1½)	1940-1¾ 649 (700-1¾)

ILS RWY 17

LOC I-FRJ	APCH CRS	Rwy ldg 11,100 TDZE 1267 Arpt Elev 1291	AL-299 [USAF]	TINKER AFB (KTIK)
111.3	175°			

* When ALS inop, increase CAT AB RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

SALS (A2)

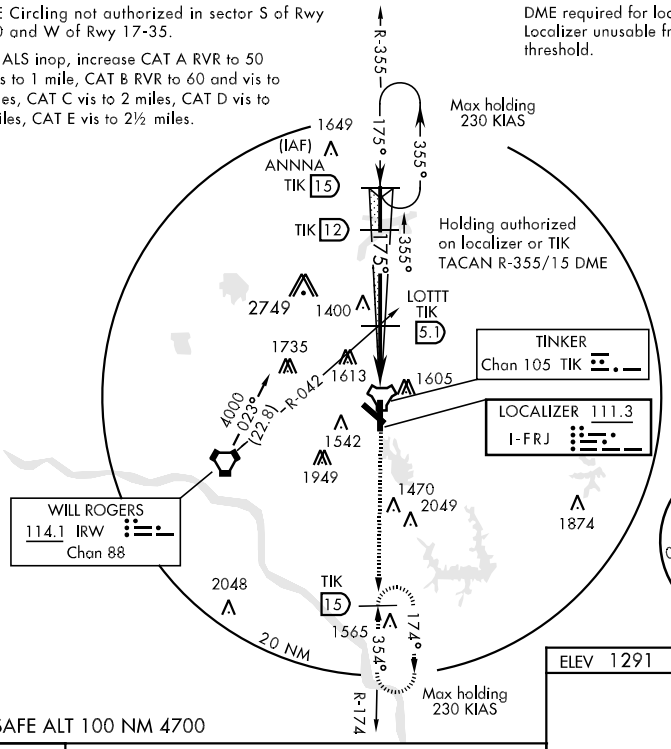
MISSED APPROACH: Climb to 4000 on TIK TACAN R-174 to 15 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

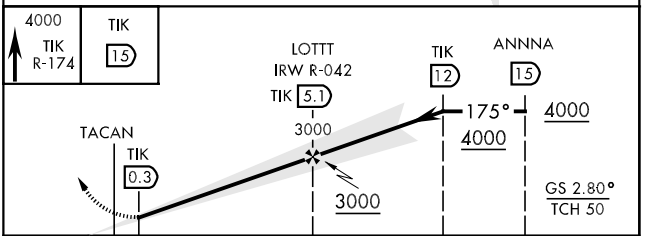
*** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

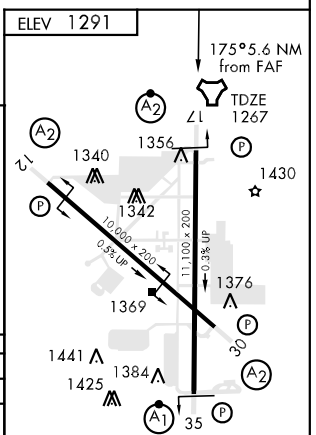
† When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 2 miles, CAT D vis to 2¼ miles, CAT E vis to 2½ miles.

DME required for localizer only approach. Localizer unusable from TIK 0.1 DME to rwy threshold.



EMERG SAFE ALT 100 NM 4700





CATEGORY	A	B	C	D	E
S-ILS 17 *	1467/24 200 (200-½)		1467/40 200 (200-¾)		
S-LOC 17 **	1720/40 453 (500-¾)		1720/50 453 (500-1)	1720/60 453 (500-1¼)	
CIRCLING ***	1880-1 589 (600-1)		1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 17 †	2000/40 733 (800-¾)	2000/50 733 (800-1)	2000-1¾ 733 (800-1¾)	2000-2 733 (800-2)	2000-2¼ 733 (800-2¼)

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

ILS RWY 35

LOC I-TIK	APCH CRS	Rwy ldg 11,100 TDZE 1291 Arpt Elev 1291
109.5	355°	AL-299 [USAF]

TINKER AFB (KTIK)

▼ * When ALS inop, increase CAT ABCDE RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ mile.

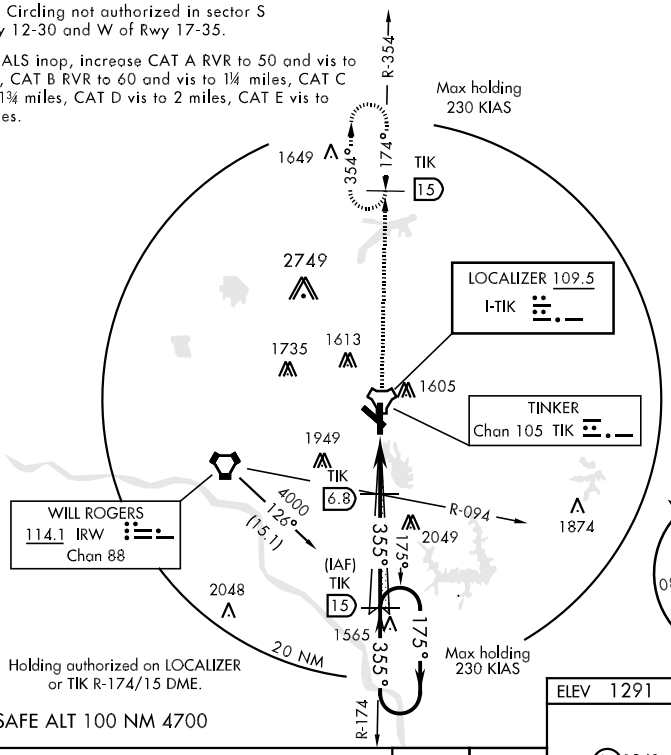
ALSF-1 (A1)

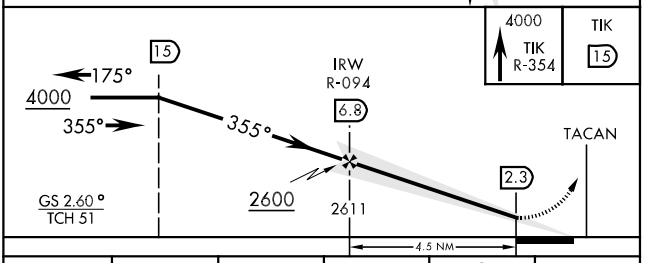
MISSED APPROACH: Climb to 4000 on TIK TACAN R-354 to 15 DME and hold.

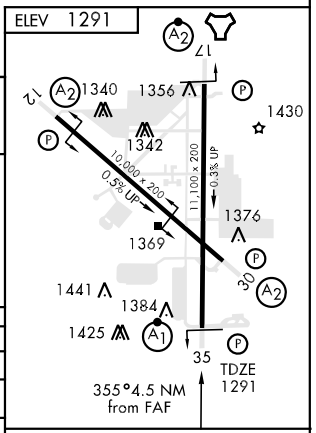
ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

*** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

† When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1¾ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles.







CATEGORY	A	B	C	D	E
S-ILS 35 *	1491/24		200	(200-½)	
S-LOC 35**	1640/24 349 (400-½)		1640/40 349 (400-¾)		
CIRCLING***	1880-1 589 (600-1)		1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 35 †	1940/24 649 (700-½)	1940/40 649 (700-¾)	1940/60 649 (700-1¼)	1940-1½ 649 (700-1½)	1940-1¾ 649 (700-1¾)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

LOC/DME RWY 30

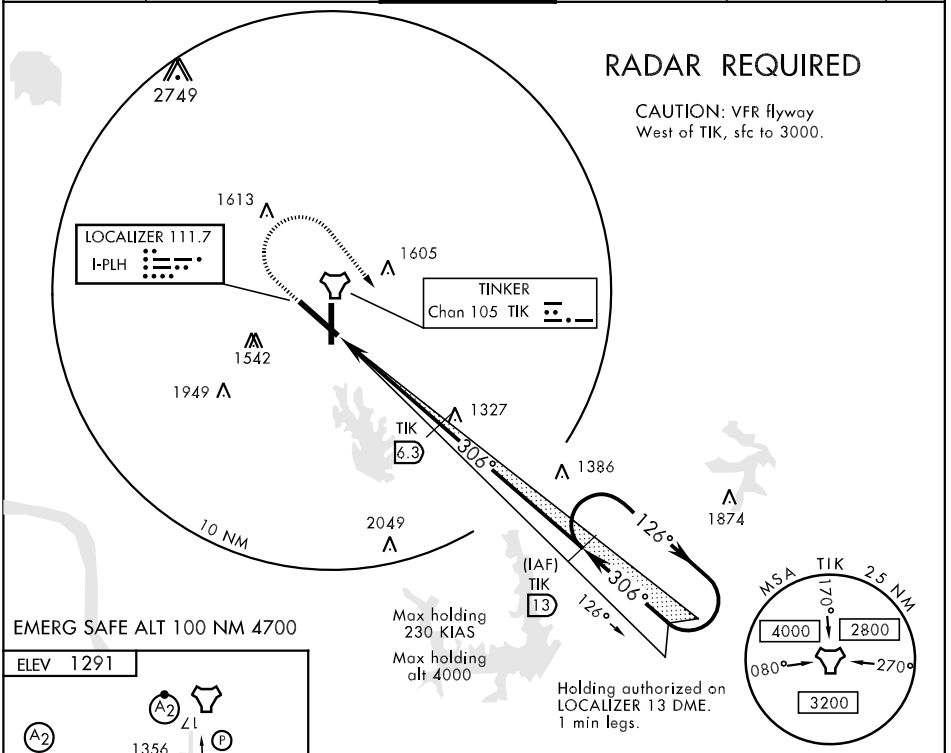
LOC I-PLH	APCH CRS	Rwy ldg 10,000 TDZE 1276 Arpt Elev 1291	AL-299 [USAF]	TINKER AFB (KTIK)
111.7	306°			

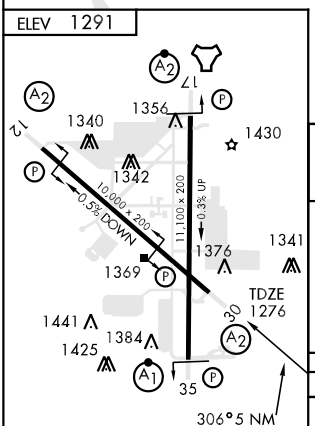
▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

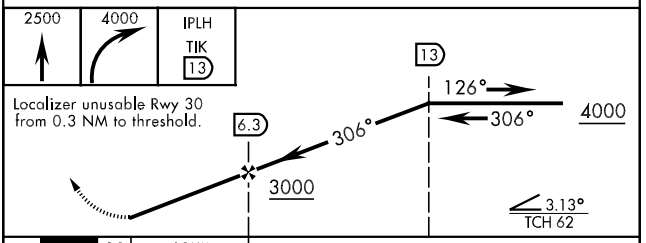
SALS (A2)

MISSED APPROACH: Climb straight ahead to 2500, then turn right to 4000 direct I-PLH and TIK 13 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	







FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

CATEGORY	A	B	C	D	E
S-LOC 30 *	1700/40 424 (500-¾)		1700/50 424 (500-1)		1700/60 424 (500-1¼)
CIRCLING **	1880-1 589 (600-1)		1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)

LOC RWY 12

LOC I-EVG	APCH CRS	Rwy ldg	TDZE	Arpt Elev
111.7	126°	10,000	1241	1291

AL-299 [USAF] — TINKER AFB (KTIK)

▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

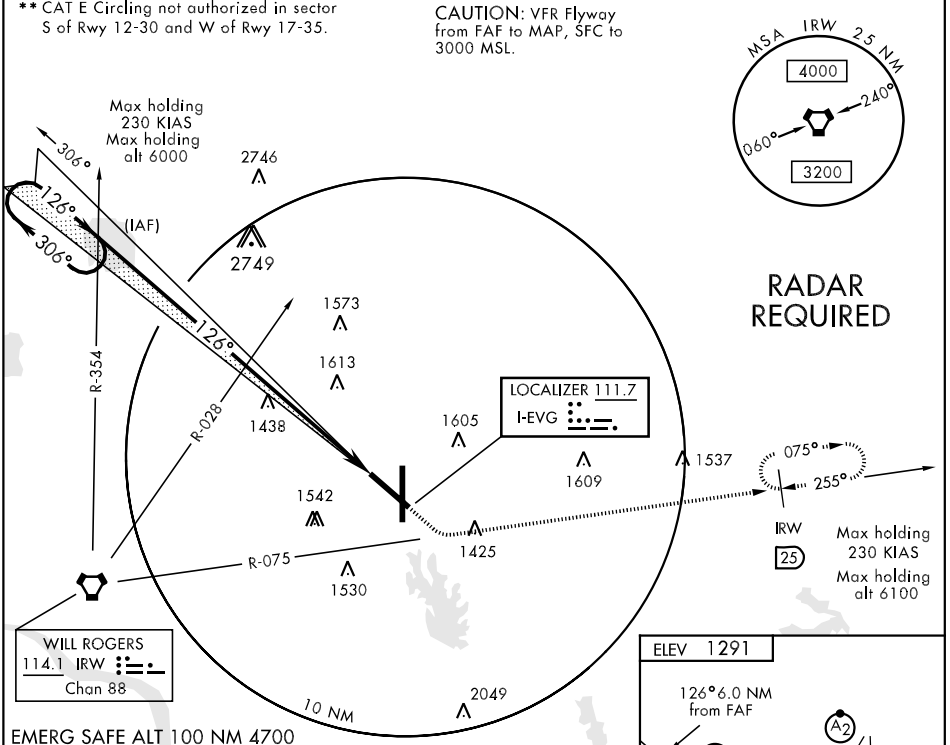
SALS (A2)

MISSED APPROACH: Climb straight ahead to 2500, then left turn to intercept IRW R-075 to 25 DME and hold at 3000.

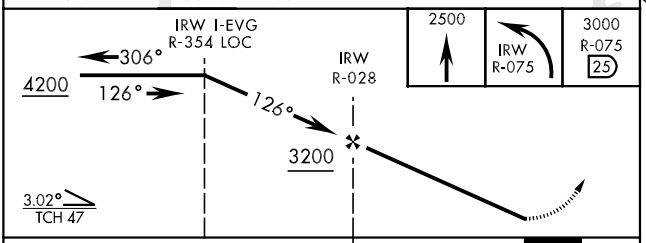
ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

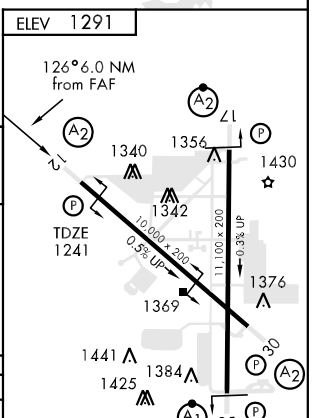
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

CAUTION: VFR Flyway from FAF to MAP, SFC to 3000 MSL.



EMERG SAFE ALT 100 NM 4700





CATEGORY	A	B	C	D	E
S-12 *	1740/40	499 (500-¾)	1740/50 499 (500-1)	1740/60 499 (500-1¼)	1740-1½ 499 (500-1½)
CIRCLING **	1880-1	589 (600-1)	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)

FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

OKLAHOMA CITY, OKLAHOMA — 35°25'N-97°23'W — TINKER AFB (KTIK)

Orig 09211

LOC RWY 12

SC-1, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 17

TACAN TIK Chan 105	APCH CRS 172°	Rwy ldg 11,100 TDZE 1267 Arpt Elev 1291

AL-299 [USAF]

TINKER AFB (KTIK)

* CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

SALS

MISSED APPROACH: Climb to 4000 on TIK TACAN R-172 to 15 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

** When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 2 miles, CAT D vis to 2¼ miles, CAT E vis to 2½ miles.

Straight-in minimum visibility increased to no light minimum due to offset final approach course.

Max holding 230 KIAS

R-352

172°

352°

1649

(IAF)

TIK

CAROO 15

CAUTION: Final approach course offset 710' left of rwy extended centerline 3000' from threshold.

2749

1400

CARAT

TIK 5.1

1735

1613

1605

4000

022° (22.5)

R-042

TINKER

Chan 105 TIK

1949

1470

2049

1874

WILL ROGERS

114.1 IRW

Chan 88

NIDUE

TIK 15

2048

20 NM

1565

172°

352°

Max holding 230 KIAS

R-172

MSA TIK 25 NM

170°

4000

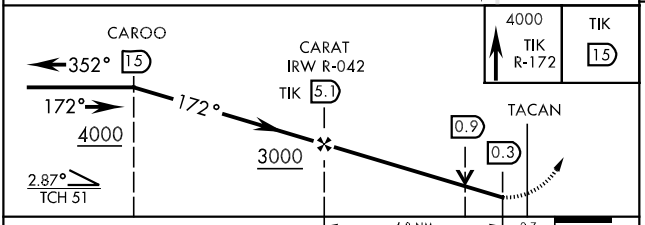
2800

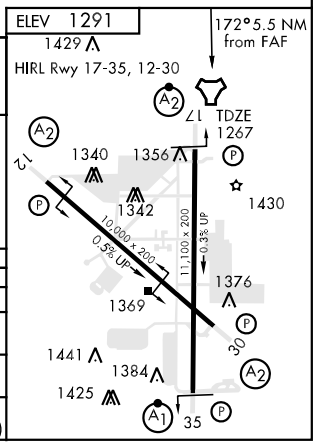
080°

270°

3200

EMERG SAFE ALT 100 NM 4700





CATEGORY	A	B	C	D	E
S-17	1720/50	453 (500-1)	1720/60 453 (500-1¼)	1720-1½	453 (500-1½)
CIRCLING *	1880-1	589 (600-1)	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 17 **	2000/40 733 (800-¾)	2000/50 733 (800-1)	2000-1¾ 733 (800-1¾)	2000-2 733 (800-2)	2000-2¼ 733 (800-2¼)

TACAN RWY 35

TACAN TIK Chan 105	APCH CRS 354°	Rwy ldg 11,100 TDZE 1291 Arpt Elev 1291	AL-299 [USAF]	TINKER AFB (KTIK)

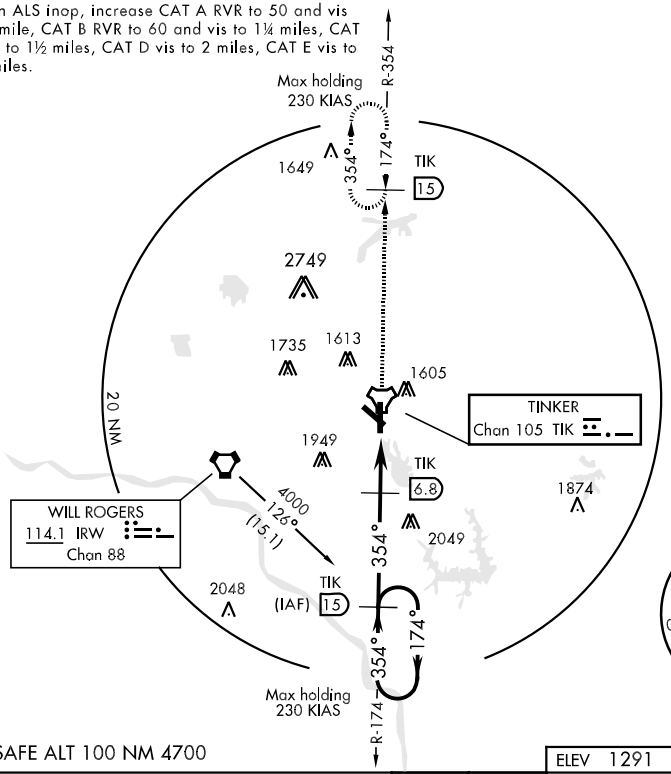
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CDE increase vis by ½ mile.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

ALSF-1

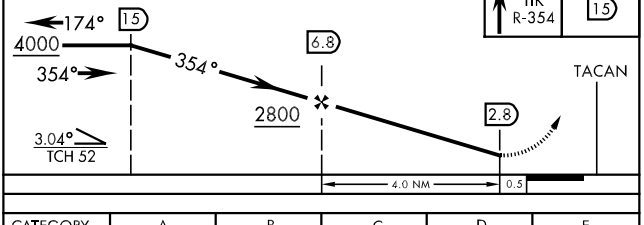
MISSED APPROACH: Climb to 4000 on TIK TACAN R-354 to 15 DME and hold.

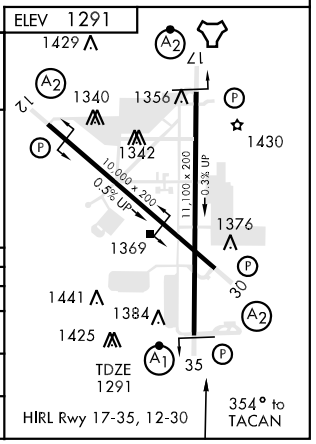
ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	124.2 336.4	124.45 251.05	121.8 275.8	119.7 335.8	

*** When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1½ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles.



EMERG SAFE ALT 100 NM 4700





CATEGORY	A	B	C	D	E
S-35 *	1800/24	509 (600-½)	1800/50	509 (600-1)	1800/60 509 (600-1¼)
CIRCLING **	1880-1	589 (600-1)	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)
S-ASR 35***	1940/24 649 (700-½)	1940/40 649 (700-¾)	1940/60 649 (700-1¼)	1940-1½ 649 (700-1½)	1940-1¾ 649 (700-1¾)

VOR/DME-A or TACAN-A

VORTAC IRW	APCH CRS	Rwy Idg	N/A
114.1	246°	TDZE	N/A
Chan 88		Arpt Elev	1291

AL-299 [USAF]

TINKER AFB (KTIK)

* CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

MISSED APPROACH: Climbing left turn to 3000, commence turn prior to IRW R-066/10 DME, then direct to IRW R-066/25 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

CAUTION: VFR flyway west of TIK, sfc to 3000

WILEY POST
113.4 PWA
Chan 81

WILL ROGERS
114.1 IRW
Chan 88

2746
2749
1613
1679
1535
1419
1609
1537
1629
1542
1688

PWA R-100

ZERMA
IRW
17

IRW
10

(IAF)
LABNE
IRW
25

246°
066°
R-066

Max holding
230 KIAS

MSA IRW 25 NM
4000
3200
240°
060°

EMERG SAFE ALT 100 NM 4700

10 NM

ELEV 1291

246° 5 NM from FAF

1436
1340
1356
1342
1376
1369
1441
1384
1425
1430
TDZE
1241
10,000 x 200
0.5% UP
11,100 x 200
0.3% UP
12
17
30
35

HIRL Rwy 17-35, 12-30

Prior to IRW R-066 10	3000	IRW R-066 25

LABNE
IRW
R-066
25
066°
3000
246°

ZERMA
PWA R-100
IRW
17
246°
2300

IRW
12

5 NM

CATEGORY	A	B	C	D	E
CIRCLING *	1920-1	629 (700-1)	1920-1¾ 629 (700-1¾)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME RWY 12

VOR/DME PWA	APCH CRS	Rwy ldg 10,000
113.4	110°	TDZE 1241
Chan 81		Arpt Elev 1291

AL-299 [USAF]

TINKER AFB (KTIK)

▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1¾ miles, CAT D vis to 2 miles, CAT E vis to 2¼ miles.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

SALS (A2)

MISSED APPROACH: Climb to 3100 direct to PWA R-110/20 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

CAUTION: VFR flyway west of TIK, sfc to 3000'

Max holding 230 KIAS
Max holding alt 4000

290°
110°
R-290

2746
2749

PWA 8

110°
1613
1735

IAF
WILEY POST
113.4 PWA
Chan 81

1679
PWA 11
1542

R-033
10 NM

WILL ROGERS
114.1 IRW
Chan 88

1605

Max holding 230 KIAS
110°
290°
R-110
PWA 20

2049

MSA PWA 25 NM
150°
4000
3400
290°

EMERG SAFE ALT 100 NM 4700

PWA VOR/DME
IRW R-033 PWA 8
PWA 11
PWA 13

290°
4000
110°
110°
3200
2100

3.05°
TCH 47

5 NM
0.5

3100
PWA R-110
PWA R-110 20

ELEV 1291

110° 5.5 NM from FAF

1436
1356
1340
1342
1430
TDZE 1241
10,000 × 200
0.5% UP
11,100 × 200
0.3% UP
1376
1369
1441
1425
1384
1 7
2 5
3 0
3 5

HIRL Rwy 17-35, 12-30

CATEGORY	A	B	C	D	E
S-12 *	1900/40	659 (700-¾)	1900-1½ 659 (700-1½)	1900-1¾ 659 (700-1¾)	1900-2 659 (700-2)
CIRCLING **	1900-1	609 (700-1)	1900-1¾ 609 (700-1¾)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)

VOR/DME RWY 30

VOR/DME PWA	APCH CRS	Rwy ldg 10,000
113.4	292°	TDZE 1276
Chan 81		Arpt Elev 1291

AL-299 [USAF]

TINKER AFB (KTIK)

▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.
** CAT E Circling not authorized in sector S of Rwy 12-30 and W of Rwy 17-35.

SALS (A2)

MISSED APPROACH: Climbing right turn to 3800, then direct to the PWA R-112/26 DME and hold.

ATIS ★	OKE CITY APP CON	TINKER TOWER	GND CON	CLNC DEL	ASR
270.1	120.45 288.325	124.45 251.05	121.8 275.8	119.7 335.8	

CAUTION: VFR flyway west of TIK, sfc to 3000

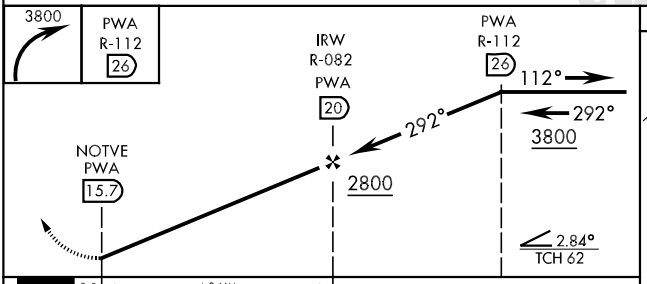
WILEY POST
113.4 PWA
Chan 81

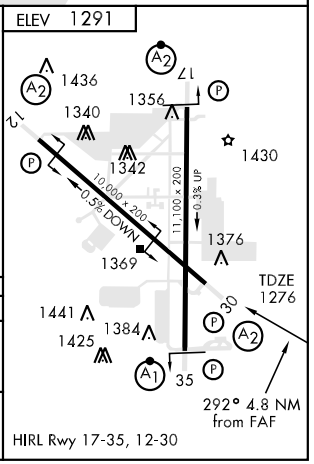
WILL ROGERS
114.1 IRW
Chan 88

MSA PWA 2.5 NM
150°
4000
3400
290°

2746
2749
1613
1679
1436
1605
1629
1545
1542
1399
10 NM
R-082
PWA 20
(IAF) PWA 26
292°
1386
1874
112°
R-112
2049
Max holding 230 KIAS
Max holding alt 3800

EMERG SAFE ALT 100 NM 4700





CATEGORY	A	B	C	D	E
S-30 *	1840/50	564 (600-1)	1840/60 564 (600-1¼)	1840-1½ 564 (600-1½)	1840-1¾ 564 (600-1¾)
CIRCLING **	1880-1	589 (600-1)	1880-1½ 589 (600-1½)	1980-2¼ 689 (700-2¼)	2040-2¾ 749 (800-2¾)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-OKM	APP CRS	Rwy Idg	5150
109.1	176°	TDZE	720
		Apt Elev	720

ILS or LOC RWY 18

OKMULGEE RGNL (OKM)

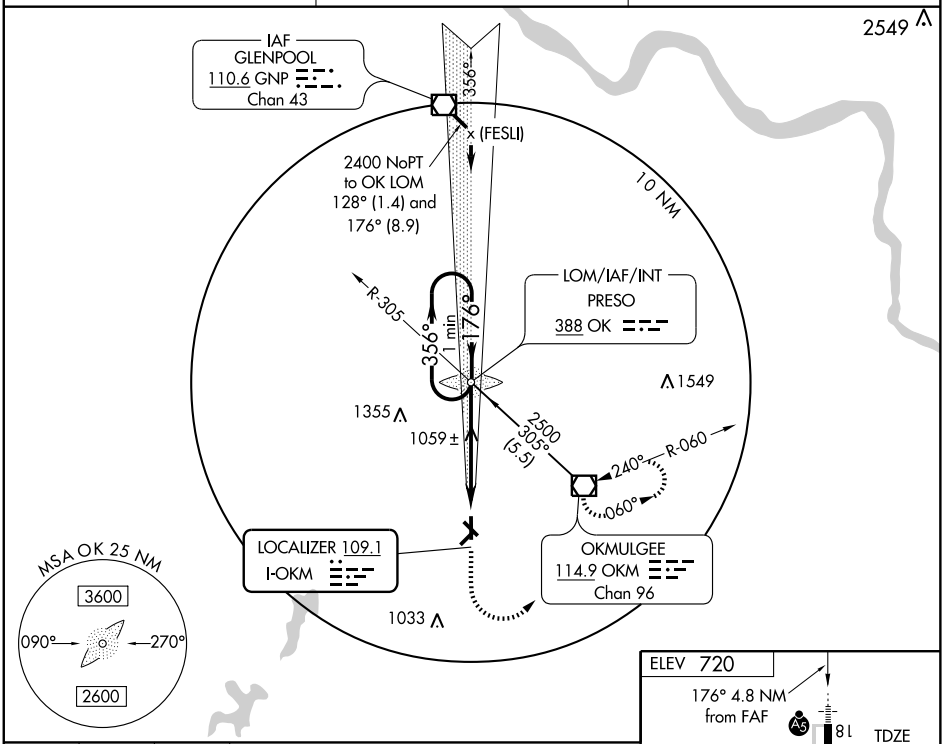
If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DAs/MDAs 80 feet.

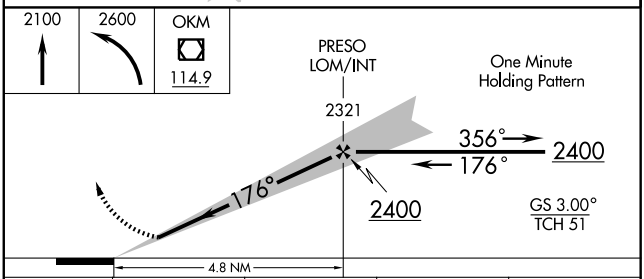
NA

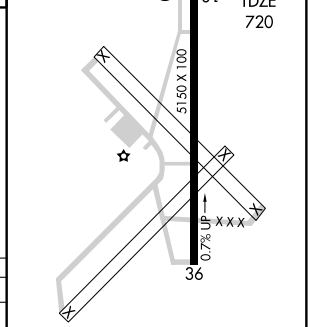
MALSR

MISSED APPROACH: Climb to 2100 then climbing left turn to 2600 direct OKM VOR/DME and hold.

AWOS-3	TULSA APP CON	UNICOM
118.225	119.85 338.3	123.0 (CTAF) L







MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-ILS 18	920-½ 200 (200-½)			NA
S-LOC 18	1320-½ 600 (600-½)		1320-1 600 (600-1)	NA
CIRCLING	1320-1 600 (600-1)		1320-1½ 600 (600-1½)	NA

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5150
CH 82105	176°	TDZE	720
W18A		Apt Elev	720

RNAV (GPS) RWY 18

OKMULGEE RGNL (OKM)

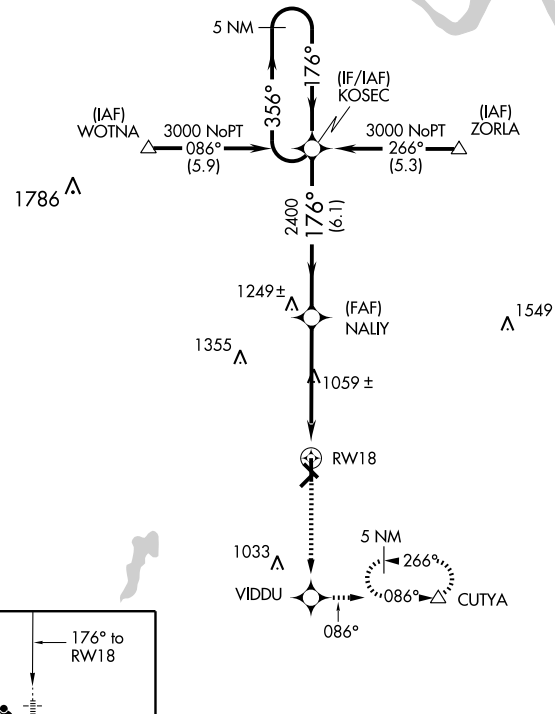
▼ If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DAs/MDAs 80 feet.
▲ DME/DME RNP-0.3 NA. VDP NA with Tulsa Intl altimeter setting.

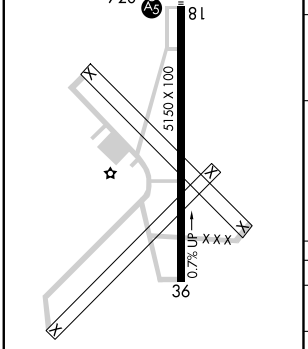
MALSR

MISSED APPROACH: Climb to 3000 direct VIDDU and left turn via 086° track to CUTYA and hold, continue climb-in-hold to 3000.

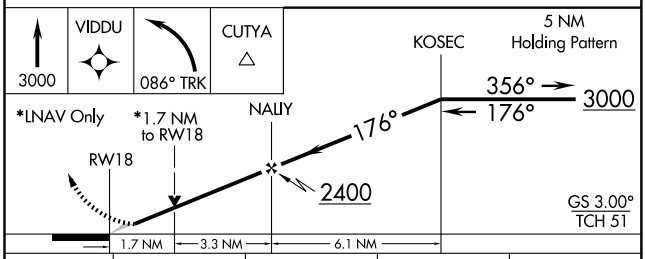
AWOS-3	TULSA APP CON	UNICOM
118.225	119.85 338.3	123.0 (CTAF) L

Procedure NA for arrivals at WOTNA on V532 northwest bound.





MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	970-½ 250 (300-½)			NA
LNAV MDA	1320-½ 600 (600-½)		1320-1 600 (600-1)	NA
CIRCLING	1320-1 600 (700-1)		1320-1½ 600 (700-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME OKM	APP CRS	Rwy Idg	N/A
114.9	240°	TDZE	N/A
Chan 96		Apt Elev	720

VOR-A

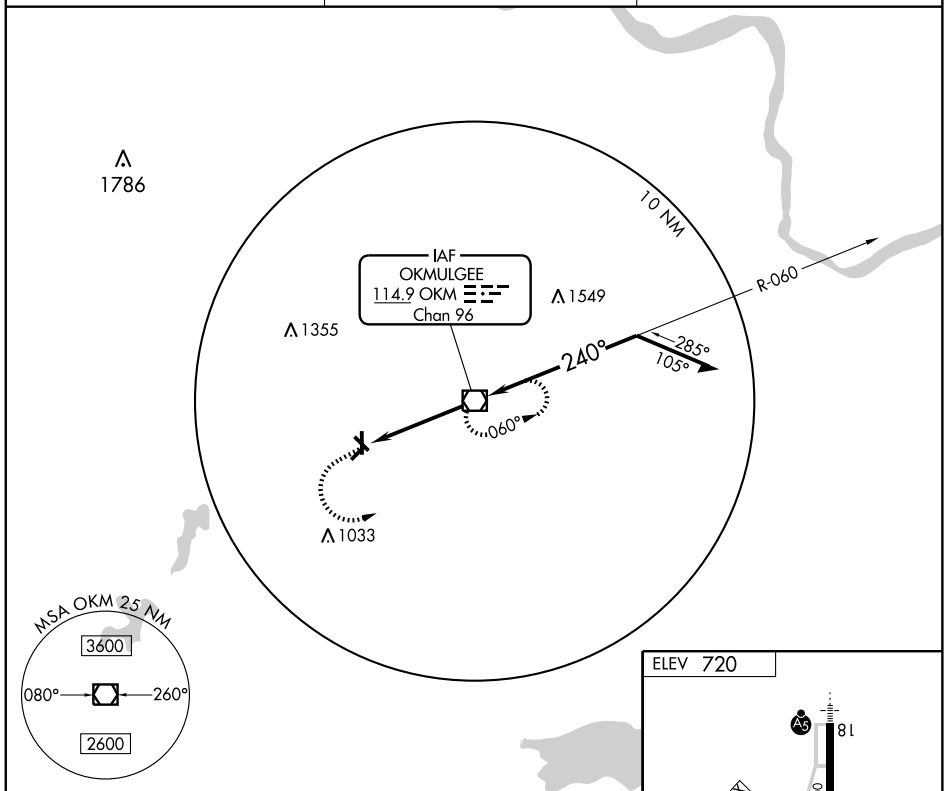
OKMULGEE RGNL (OKM)

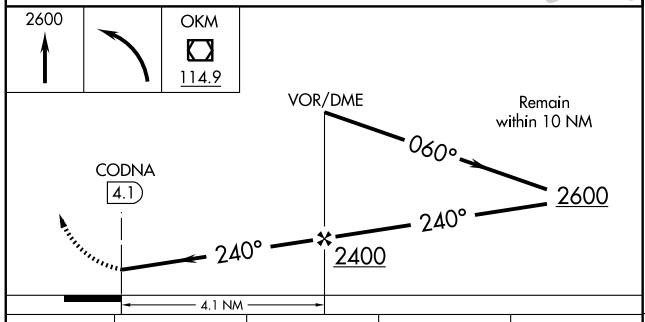
If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDA's 80 feet.

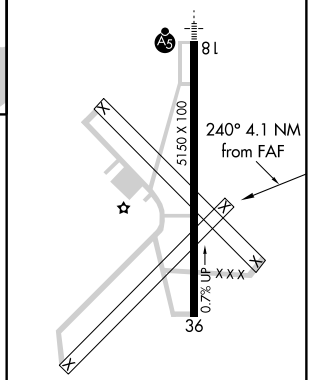
NA

MISSED APPROACH: Climb to 2600 then left turn direct OKM VOR/DME and hold.

AWOS-3	TULSA APP CON	UNICOM
118.225	119.85 338.3	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1140-1 420 (500-1)	1180-1 460 (500-1)	1300-1½ 580 (600-1½)	NA

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB PVJ	APP CRS	Rwy Idg	5001
384	344°	TDZE	953
		Apt Elev	968

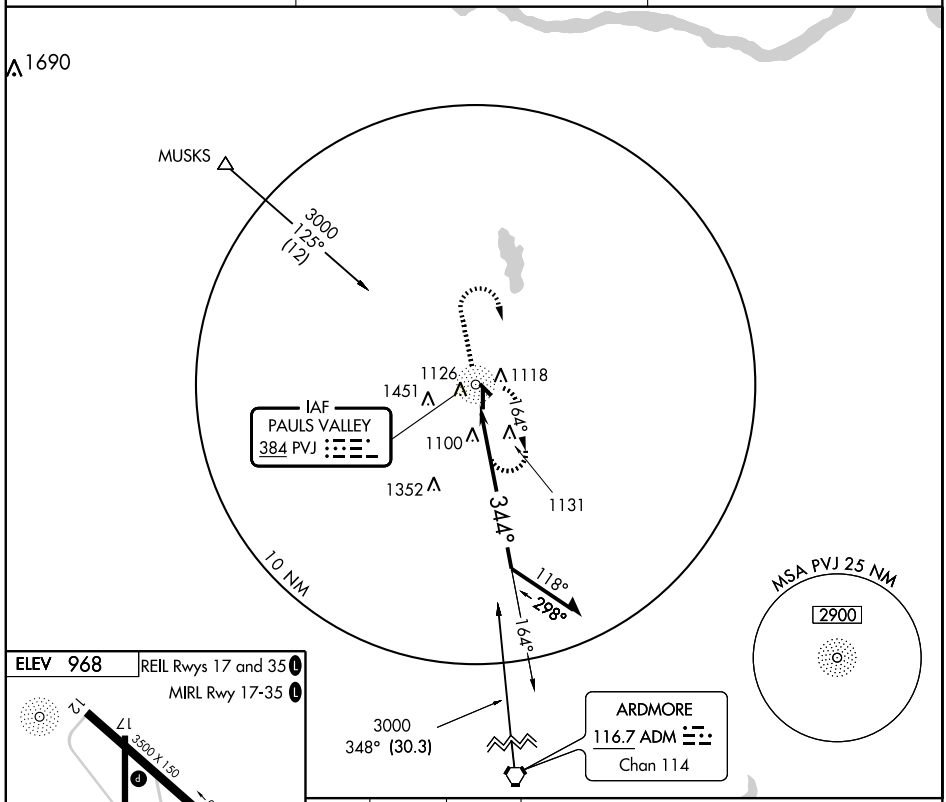
NDB RWY 35

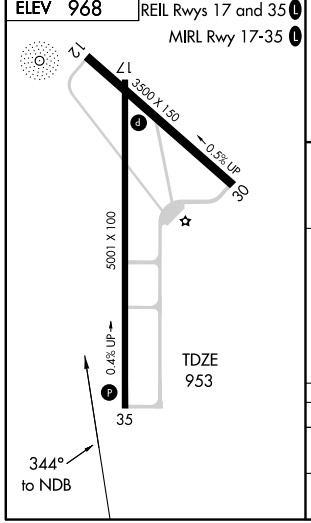
PAULS VALLEY MUNI (PVJ)

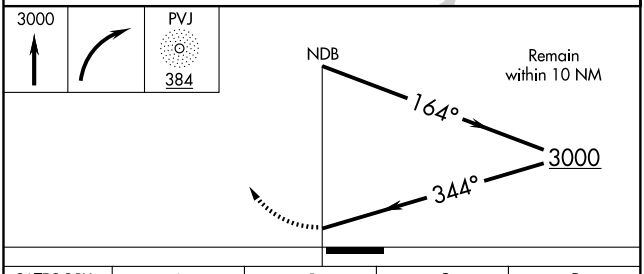
NA	If local altimeter setting not received, use Ardmore Downtown Executive altimeter setting and increase all MDAs 100 feet.	MISSED APPROACH: Climb to 3000 then right turn direct PVJ NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.675	128.1 327.15	122.8 (CTAF) L

1690







CATEGORY	A	B	C	D
S-35	1520-1	567 (600-1)	1520-1½ 567 (600-1½)	1520-1¾ 567 (600-1¾)
CIRCLING	1520-1	552 (600-1)	1540-1½ 572 (600-1½)	1800-2¾ 832 (900-2¾)

SC-1, 17 DEC 2009 to 14 JAN 2010

PAULS VALLEY, OKLAHOMA AL-6876 (FAA)

APP CRS	Rwy Idg	5001
354°	TDZE	953
	Apt Elev	968

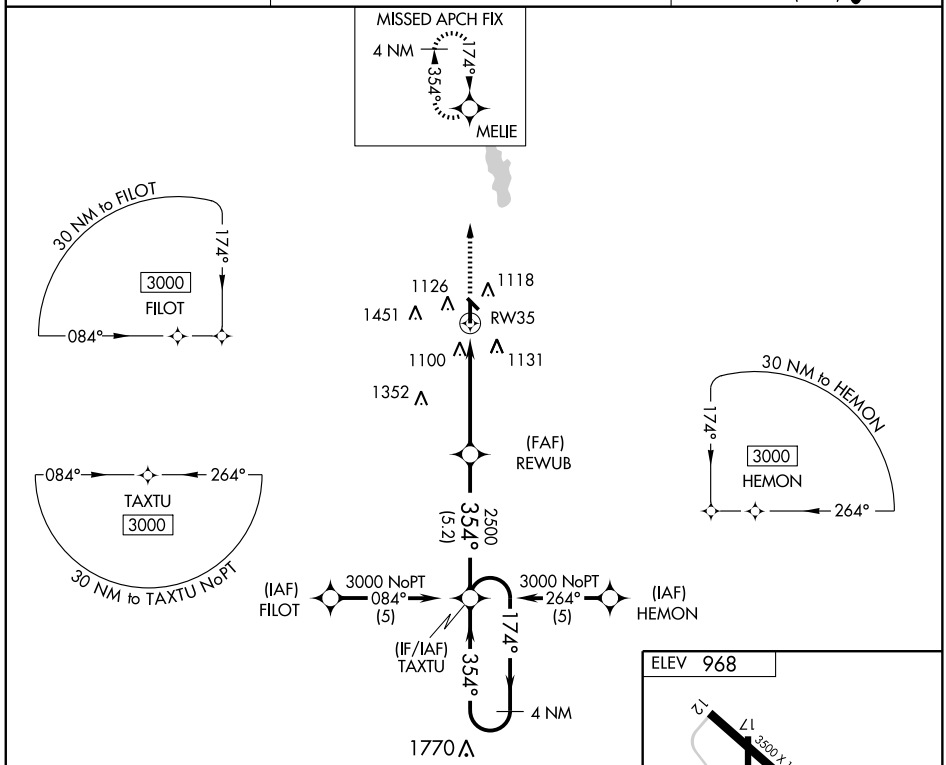
RNAV (GPS) RWY 35

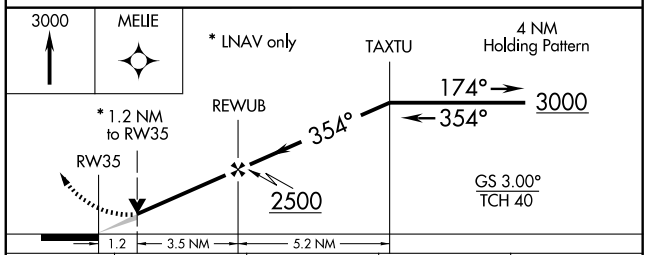
PAULS VALLEY MUNI (PVJ)

NA If local altimeter setting not received, use Ardmore Downtown Executive altimeter setting and increase all MDAs 100 feet. Baro-VNAV and VDP NA with Ardmore Downtown Executive altimeter setting. Baro-VNAV NA below -16C (4F). DME/DME RNP -0.3 NA.

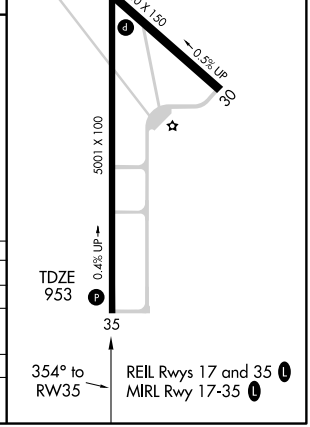
MISSED APPROACH: Climb to 3000 direct MELIE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.675	128.1 327.15	122.8 (CTAF) L





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1422-1¾ 469 (500-1¾)			
LNAV MDA	1360-1 407 (400-1)		1360-1¼ 407 (400-1¼)	
CIRCLING	1480-1 512 (600-1)	1500-1 532 (600-1)	1540-1½ 572 (600-1½)	1800-2¾ 832 (900-2¾)



SC-1, 17 DEC 2009 to 14 JAN 2010

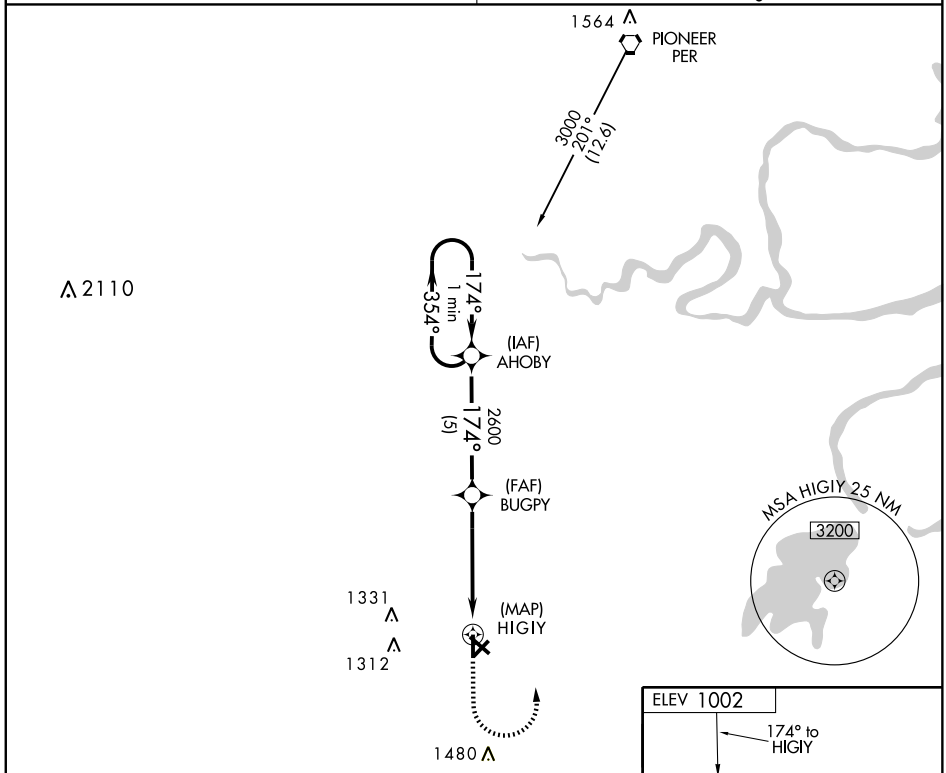
APP CRS	Rwy Idg	5110
174°	TDZE	993
	Apt Elev	1002

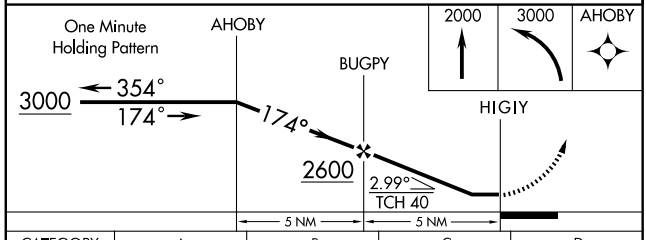
GPS RWY 17

PERRY MUNI (F22)

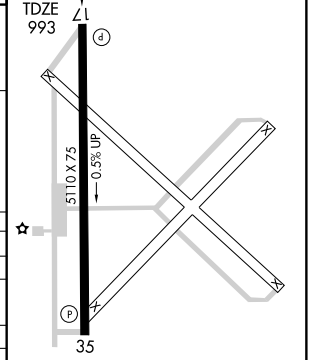
NA	Obtain local altimeter setting on CTAF; when not received, use Ponca City altimeter setting.	MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct AHOBY WP and hold.

KANSAS CITY CENTER	UNICOM
127.8 319.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-17	1360-1 367 (400-1)			NA
CIRCLING	1480-1 478 (500-1)		1480-1½ 478(500-1½)	NA
PONCA CITY ALTIMETER SETTING MINIMUMS				
S-17	1420-1 427 (500-1)		1420-1¼ 427 (500-1¼)	NA
CIRCLING	1540-1 538 (600-1)		1540-1½ 538 (600-1½)	NA



MIRL Rwy 17-35 L
REIL Rwy 17 and 35

SC-1, 17 DEC 2009 to 14 JAN 2010

PERRY, OKLAHOMA AL-6798 (FAA)

VORTAC PER	APP CRS	Rwy Idg	5110
113.2	189°	TDZE	993
Chan 79		Apt Elev	1002

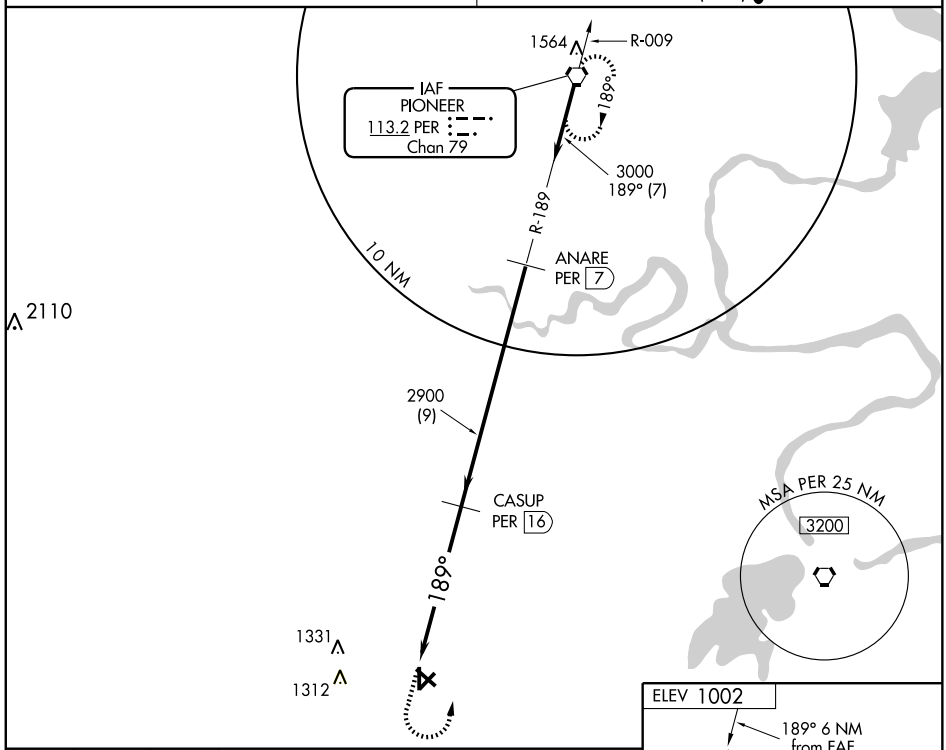
VOR/DME RWY 17

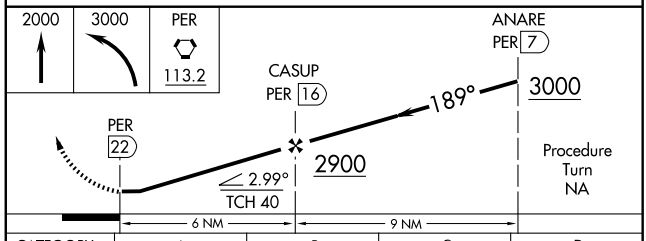
PERRY MUNI (F22)

NA — Obtain local altimeter setting on CTAF; when not received, use Ponca City altimeter setting.

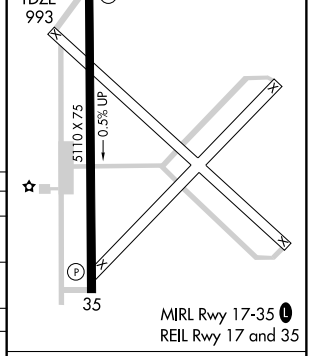
MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct PER VORTAC and hold.

KANSAS CITY CENTER	UNICOM
127.8 319.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-17	1420-1 427 (500-1)	1420-1¼ 427 (500-1¼)	1420-1½ 427 (500-1½)	NA
CIRCLING	1480-1 478 (500-1)	1480-1¼ 478 (500-1¼)	1480-1½ 478 (500-1½)	NA
PONCA CITY ALTIMETER SETTING MINIMUMS				
S-17	1460-1 467 (500-1)	1460-1¼ 467 (500-1¼)	1460-1½ 467 (500-1½)	NA
CIRCLING	1520-1 518 (600-1)	1520-1¼ 518 (600-1¼)	1520-1½ 518 (600-1½)	NA



Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PNC	APP CRS	Rwy Idg	7201
111.9	175°	TDZE	1004
Chan 56		Apt Elev	1008

ILS or LOC/DME RWY 17

PONCA CITY RGNL (PNC)

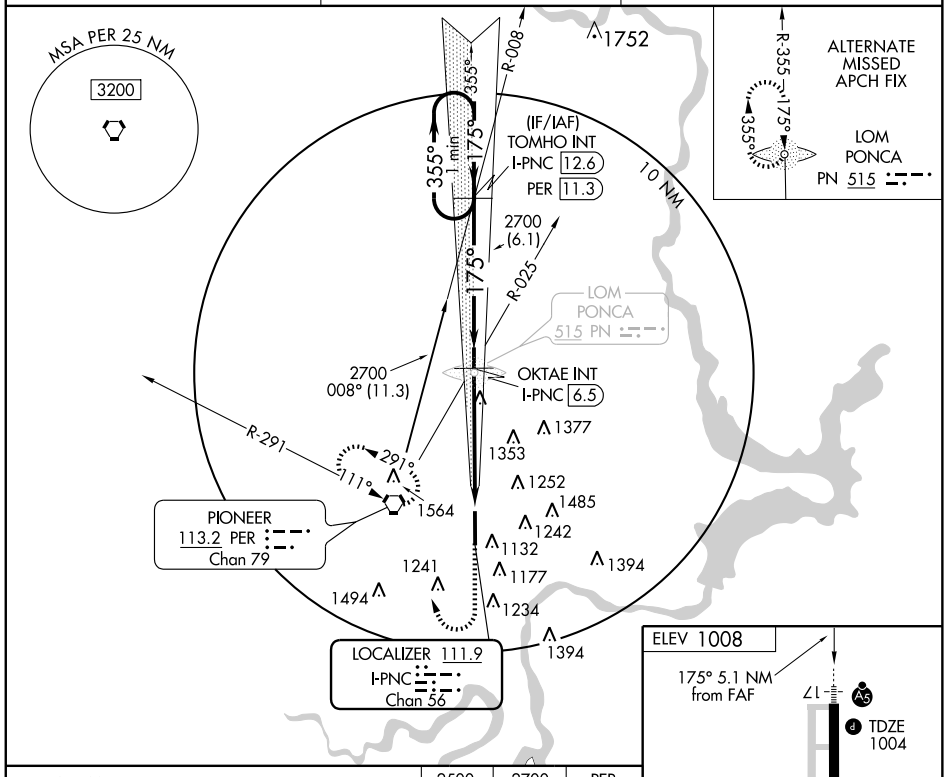
When local altimeter setting not received, use Winfield-Arkansas City altimeter setting and increase S-ILS 17 DA 82 feet and all MDA 100 feet; increase S-LOC Cat C and D and circling Cat C visibility ¼ mile. For inoperative MALSR, when using Winfield-Arkansas City altimeter setting, increase S-ILS 17 visibility to 1 mile all Cats. VDP NA when using Winfield-Arkansas City altimeter setting.

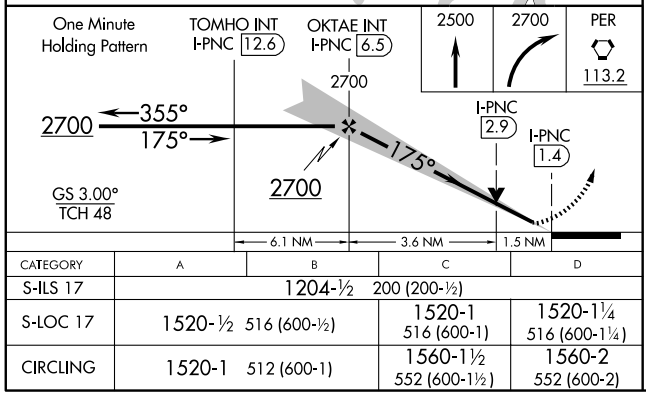
NA

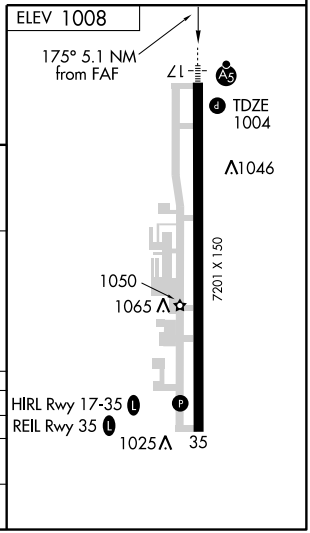
MALSR

MISSED APPROACH: Climb to 2500 then climbing right turn to 2700 direct PER VORTAC and hold.

ASOS	KANSAS CITY CENTER	UNICOM
134.075	127.8 319.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 17	1204-½ 200 (200-½)			
S-LOC 17	1520-½ 516 (600-½)		1520-1 516 (600-1)	1520-1¼ 516 (600-1¼)
CIRCLING	1520-1 512 (600-1)		1560-1½ 552 (600-1½)	1560-2 552 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50408 W17A	APP CRS 175°	Rwy Idg 7201 TDZE 1004 Apt Elev 1008

RNAV (GPS) RWY 17

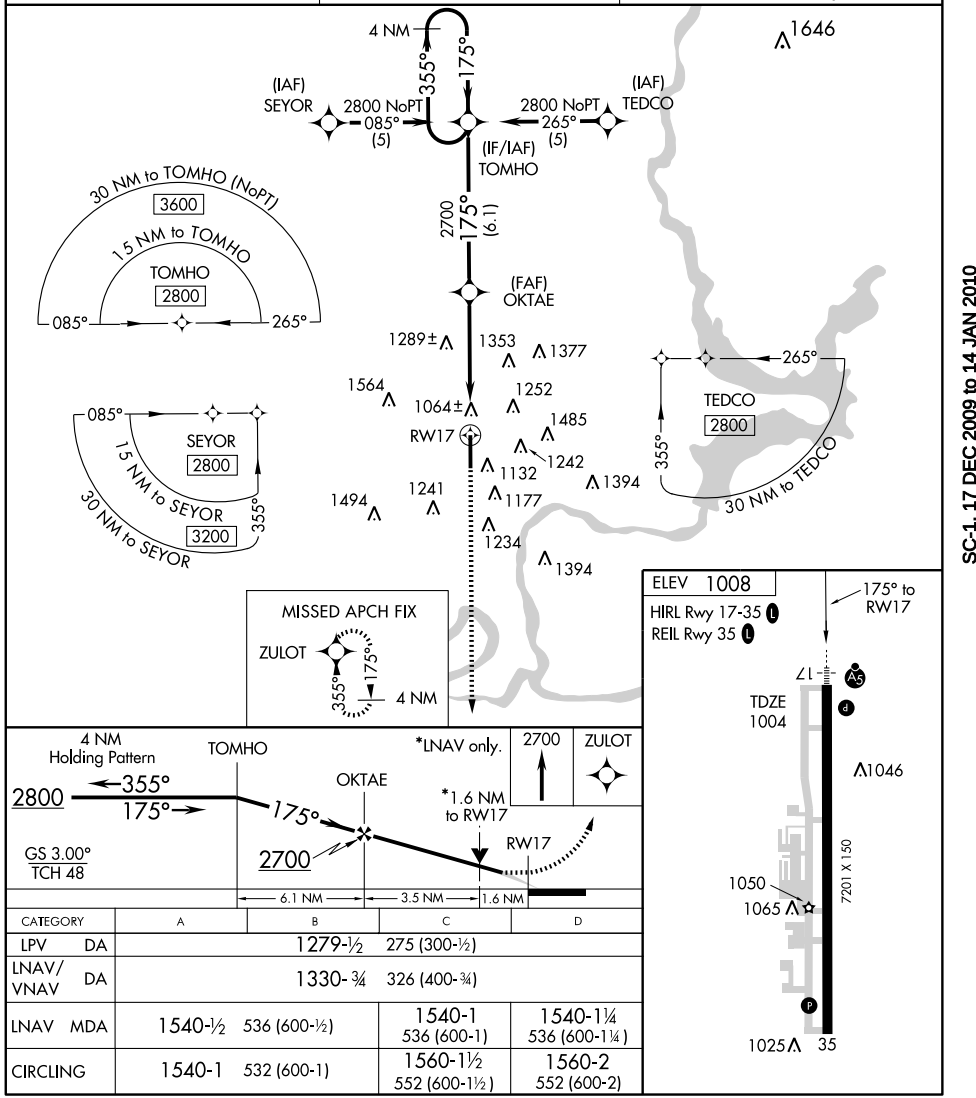
PONCA CITY RGNL (PNC)

For inoperative MALSR, increase LPV visibility to 1 mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Winfield-Arkansas City altimeter setting and increase all DA 82 feet and MDA 100 feet; increase LPV all Cats, LNAV/VNAV all Cats LNAV Cat C and Cat D and circling Cat C visibility ¼ mile. VDP NA when using Winfield-Arkansas City altimeter setting. For inoperative MALSR when using Winfield-Arkansas City altimeter setting, increase LPV and LNAV/VNAV visibility ¼ mile all Cats, increase LNAV Cats C and D visibility ¼ mile. Baro-VNAV NA when using Winfield-Arkansas City altimeter setting.

MALSR

MISSED APPROACH: Climb to 2700 direct ZULOT and hold.

ASOS	KANSAS CITY CENTER	UNICOM
134.075	127.8 319.1	123.0 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1279-½ 275 (300-½)			
LNAV/VNAV DA	1330- ¾ 326 (400-¾)			
LNAV MDA	1540-½ 536 (600-½)		1540-1 536 (600-1)	1540-1¼ 536 (600-1¼)
CIRCLING	1540-1 532 (600-1)		1560-1½ 552 (600-1½)	1560-2 552 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93808 W35A	APP CRS 355°	Rwy Idg 7201 TDZE 1008 Apt Elev 1008

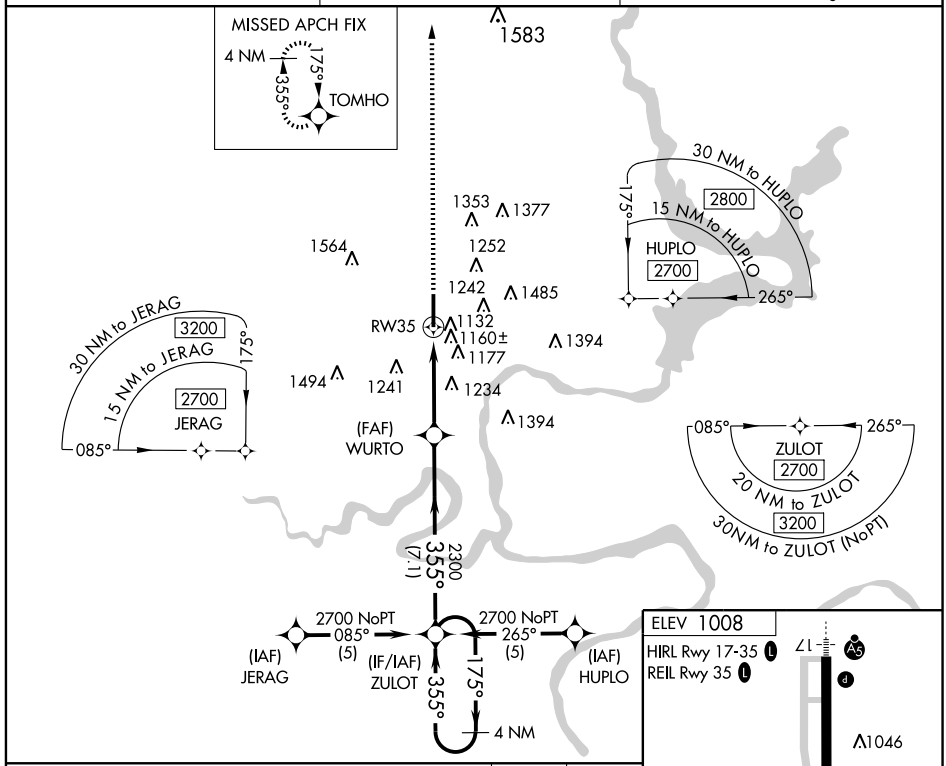
RNAV (GPS) RWY 35

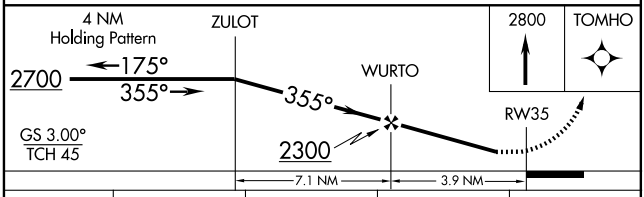
PONCA CITY RGNL (PNC)

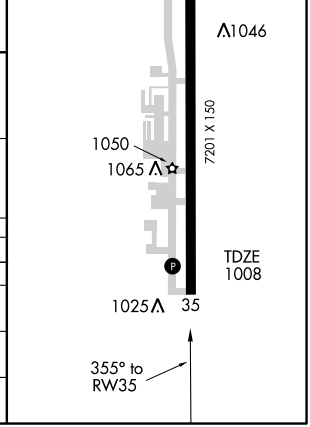
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Winfield-Arkansas City altimeter setting and increase all DA 82 feet and MDA 100 feet; increase Cat C circling visibility ¼ mile, increase LNAV Cat C, D visibility ¼ mile, LPV and LNAV/VNAV all Cats visibility ¼ mile. Baro-VNAV NA when using Winfield-Arkansas City altimeter setting. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2800 direct TOMHO and hold.

ASOS	KANSAS CITY CENTER	UNICOM
134.075	127.8 319.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		1295-1	287 (300-1)	
LNAV/VNAV DA		1478-1¾	470 (500-1¾)	
LNAV MDA	1540-1 532 (600-1)		1540-1½ 532 (600-1½)	1540-1¾ 532 (600-1¾)
CIRCLING	1540-1 532 (600-1)		1560-1½ 552 (600-1½)	1560-2 552 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

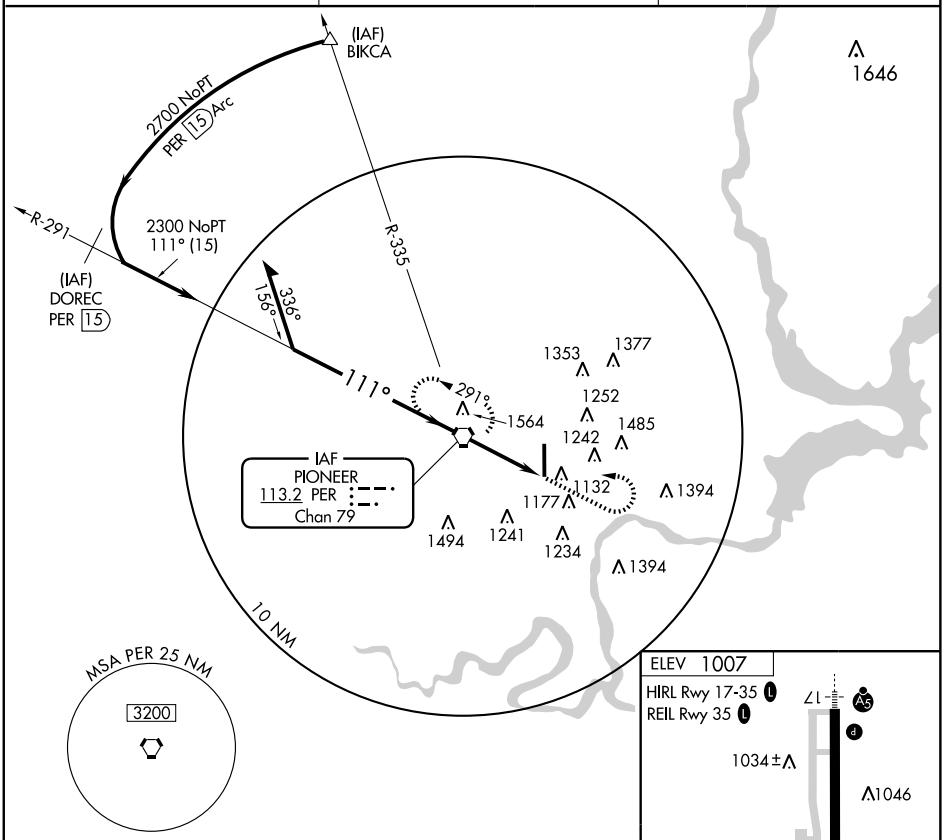
VORTAC PER	APP CRS	Rwy Idg	N/A
113.2	111°	TDZE	N/A
Chan 79		Apt Elev	1007

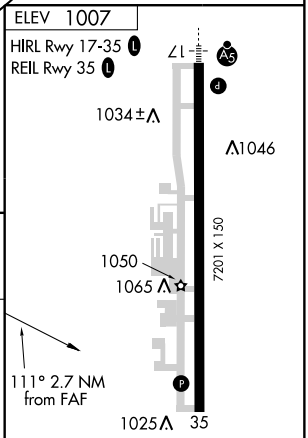
VOR-A

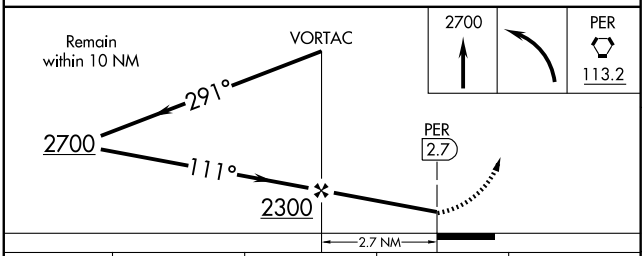
PONCA CITY RGNL (PNC)

MISSED APPROACH: Climb to 2700 then left turn direct PER VORTAC and hold.

ASOS	KANSAS CITY CENTER	UNICOM
134.075	127.8 319.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1460-1 453 (500-1)	1480-1 473 (500-1)	1560-1½ 553 (600-1½)	1560-2 553 (600-2)

FAF to MAP 2.7 NM

Knots	60	90	120	150	180
Min:Sec	2:42	1:48	1:21	1:05	0:54

SC-1, 17 DEC 2009 to 14 JAN 2010

POTEAU, OKLAHOMA AL-6321 (FAA)

APP CRS	Rwy Idg	4006
187°	TDZE	451
	Apt Elev	451

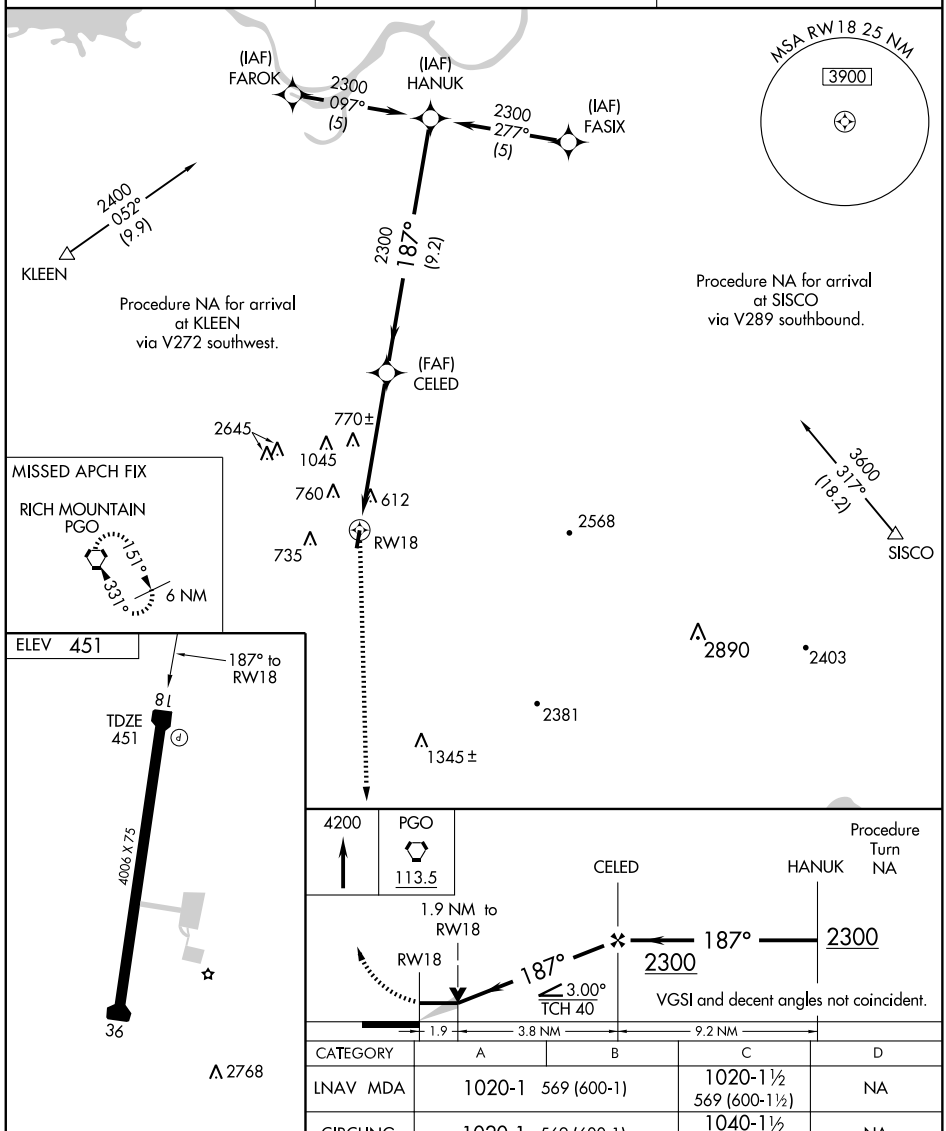
RNAV (GPS) RWY 18

POTEAU/ROBERT S. KERR (RKR)

If local altimeter setting not received, use Fort Smith Rgnl altimeter setting and increase all MDAs 60 feet. VDP NA with Fort Smith Rgnl altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 4200 direct PGO VORTAC and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
120.625	120.9 343.75	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1020-1	569 (600-1)	1020-1½ 569 (600-1½)	NA
CIRCLING	1020-1	569 (600-1)	1040-1½ 589 (600-1½)	NA

MIRL Rwy 18-36 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4006
007°	TDZE	451
	Apt Elev	451

RNAV (GPS) RWY 36

POTEAU/ROBERT S. KERR (RKR)

NA

If local altimeter setting not received, use Fort Smith Rgnl altimeter setting and increase all MDAs 60 feet. VDP NA with Fort Smith Rgnl altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2400 direct HANUK WP and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
120.625	120.9 343.75	122.8 (CTAF) L

KLEEN

3500 168° (21.3)

MISSED APCH FIX 4 NM 007° 187° HANUK

2645 1045 760 612 735 RW36 2568 2890 2403 2381 1345±

(FAF) HAPIK 879 ±

2400 007° (5.6)

(IAF) GOSRE 3300 097° (5) 1992

JOBOK

3300 277° (5) (IAF) FEGUK

3400 275° (17.8) BATEZ

2549

3300 347° (5.2)

(IAF) BAYAP

4200 331° (4) 2451 2680

RICH MOUNTAIN PGO

MSA RW36 25 NM 3900

Procedure NA for arrivals on PGO VORTAC airway radials 271 CW 031.

ELEV 451

81

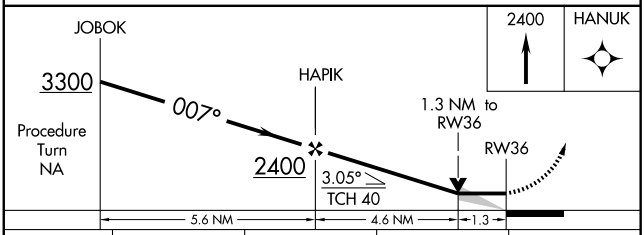
400 x 75

TDZE 451

36

007° to RW36

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	920-1	469 (500-1)	920-1¼ 469 (500-1¼)	NA
CIRCLING	920-1	469 (500-1)	1040-1½ 589 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

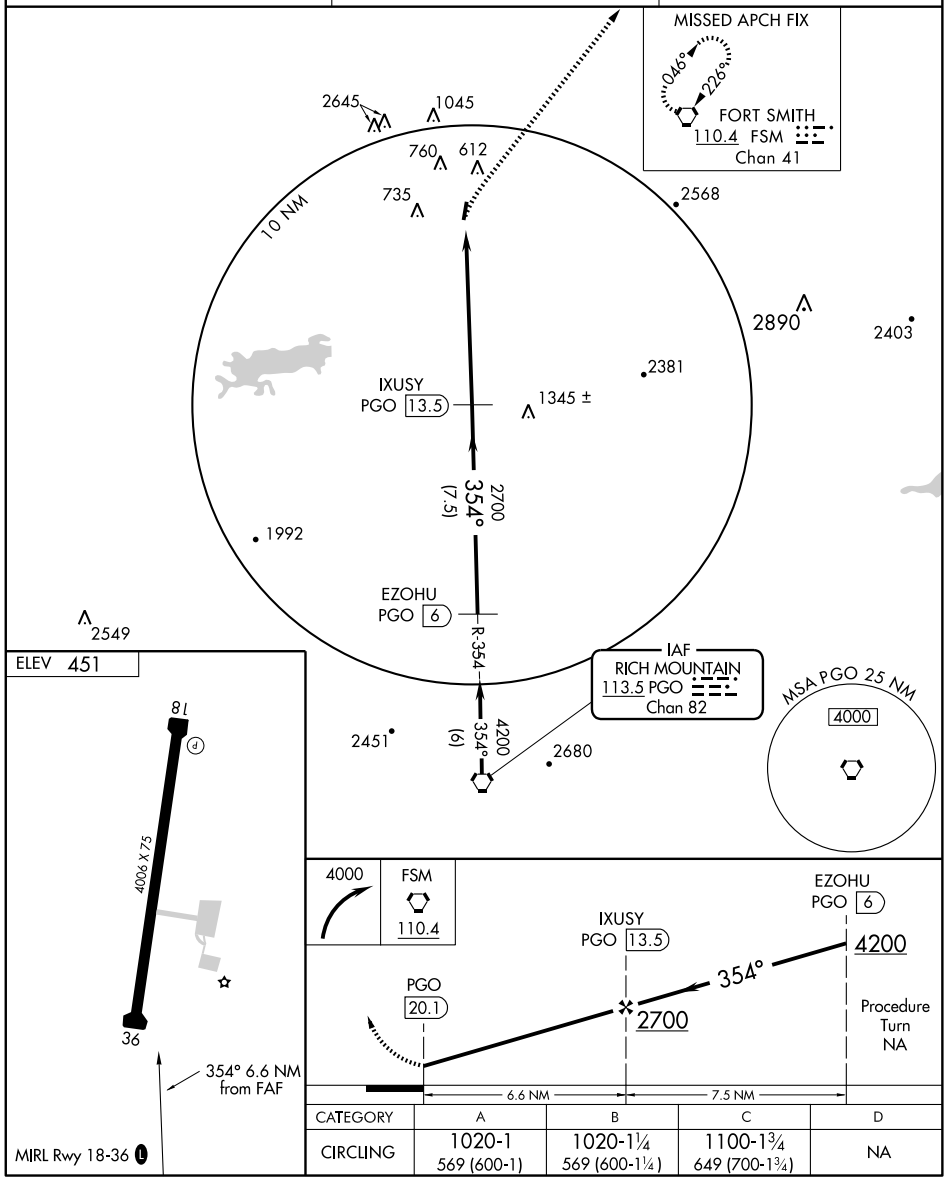
VORTAC PGO	APP CRS	Rwy Idg	N/A
113.5	354°	TDZE	N/A
Chan 82		Apt Elev	451

VOR/DME-A

POTEAU/ROBERT S. KERR (RKR)

MISSED APPROACH: Climbing right turn to 4000 direct FSM VORTAC and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
120.625	120.9 343.75	122.8 (CTAF) L



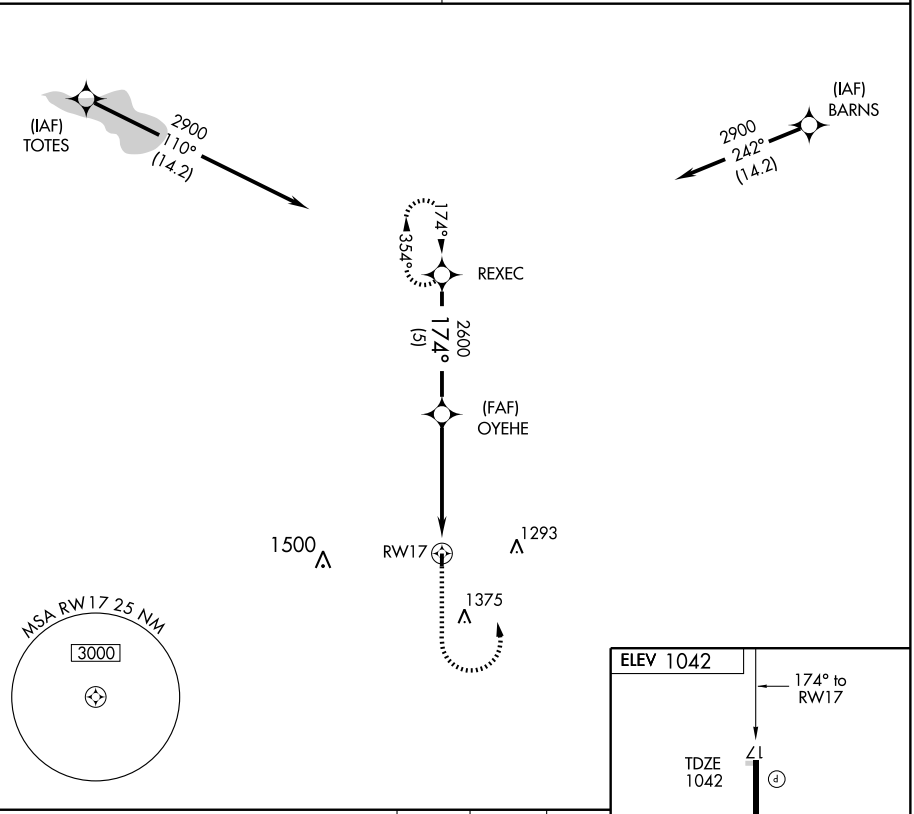
CATEGORY	A	B	C	D
CIRCLING	1020-1 569 (600-1)	1020-1¼ 569 (600-1¼)	1100-1¾ 649 (700-1¾)	NA

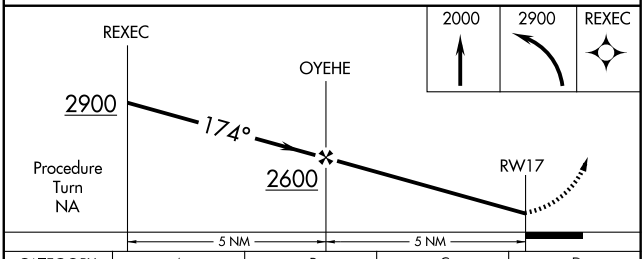
SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	2757
174°	TDZE	1042
	Apt Elev	1042

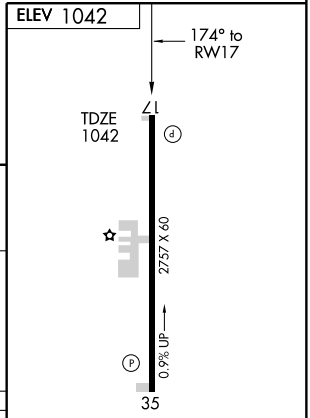
GPS RWY 17
PRAGUE MUNI (047)

NA	Use Oklahoma City/Will Rogers World altimeter setting.	MISSED APPROACH: Climb to 2000 then climbing left turn to 2900 direct REXEC and hold.
FORT WORTH CENTER 132.2 338.35		CTAF 122.9 L





CATEGORY	A	B	C	D
S-17	1660-1	618 (700-1)	1660-1¾ 618 (700-1¾)	NA
CIRCLING	1660-1	618 (700-1)	1660-1¾ 618 (700-1¾)	NA



MIRL Rwy 17-35 L

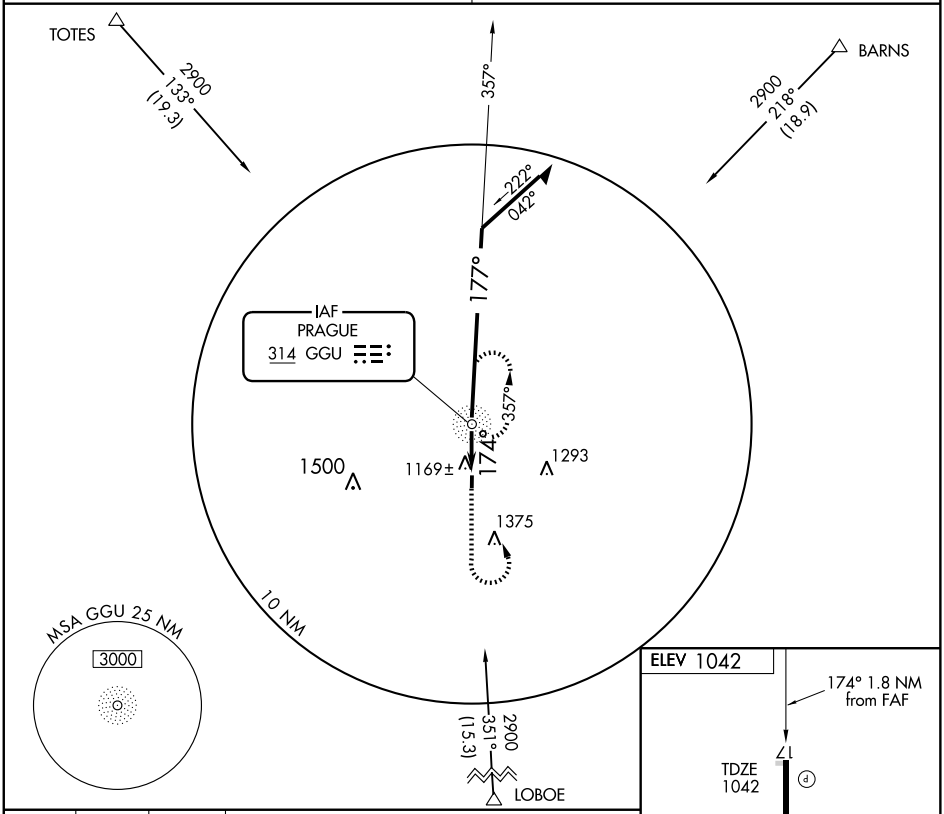
SC-1, 17 DEC 2009 to 14 JAN 2010

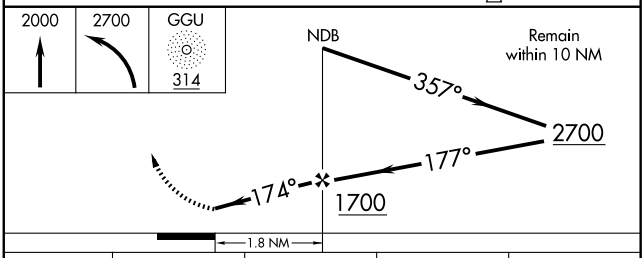
NDB GGU 314	APP CRS 174°	Rwy Idg 2757 TDZE 1042 Apt Elev 1042

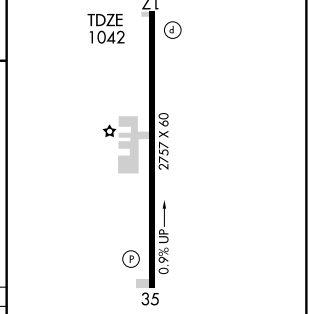
NDB RWY 17

PRAGUE MUNI (047)

⚠ NA Use Oklahoma City/Will Rogers World altimeter setting.	MISSED APPROACH: Climb to 2000 then climbing left turn to 2700 direct GGU NDB and hold.
FORT WORTH CENTER **132.2 338.35**	CTAF **122.9** L







MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
S-17	1620-1	578 (600-1)	1620-1½ 578 (600-1½)	NA
CIRCLING	1620-1	578 (600-1)	1620-1½ 578 (600-1½)	NA

FAF to MAP 1.8 NM

Knots	60	90	120	150	180
Min:Sec	1:48	1:12	0:54	0:43	0:36

SC-1, 17 DEC 2009 to 14 JAN 2010

TUL VORTAC	APP CRS	Rwy Idg	N/A
114.4	077°	TDZE	N/A
Chan 91		Apt Elev	622

VOR/DME or GPS-A

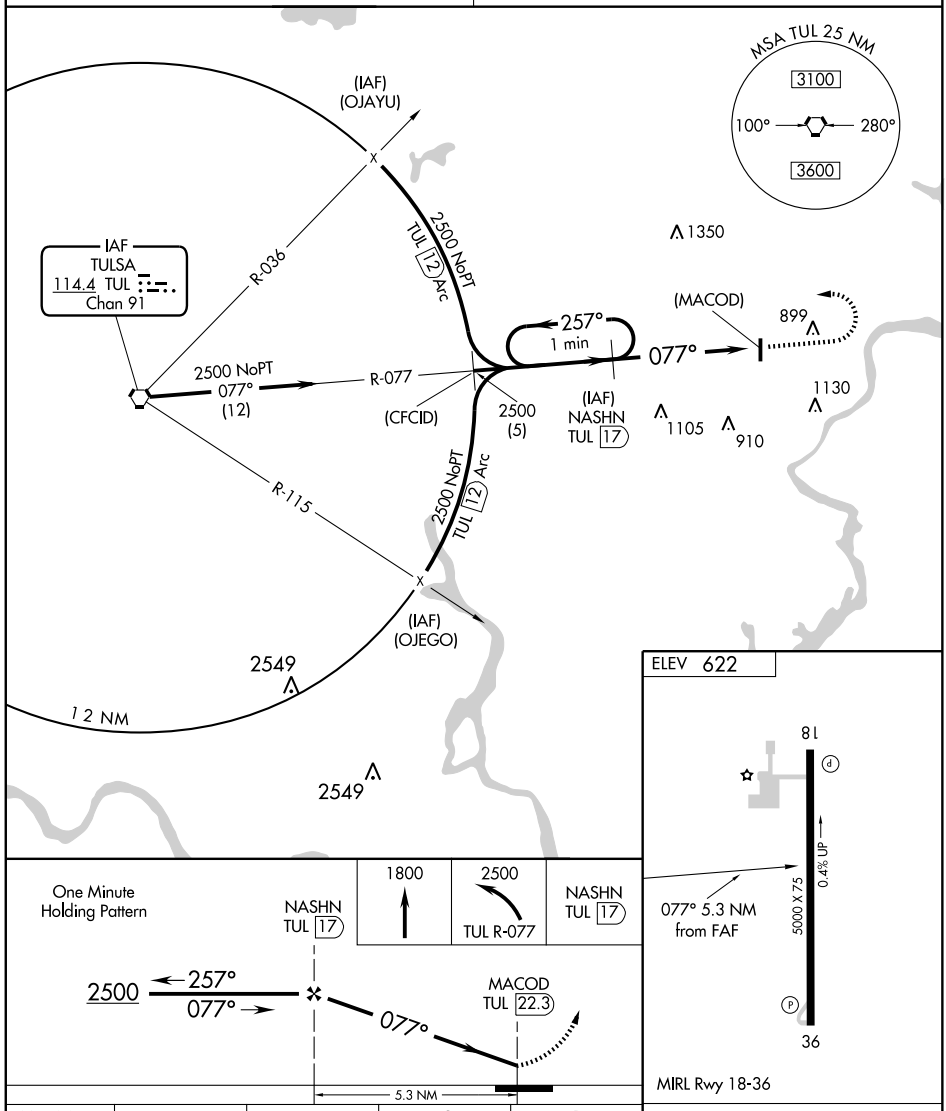
PRYOR/MID-AMERICA INDUSTRIAL (H71)

NA

Use Tulsa Intl altimeter setting.

MISSED APPROACH: Climb to 1800 then climbing left turn to 2500 via TUL R-077 to NASHN/17 DME and hold.

TULSA APP CON	UNICOM
119.1 351.8	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1400-1 778 (800-1)	1400-1¼ 778 (800-1¼)	1400-2¼ 778 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

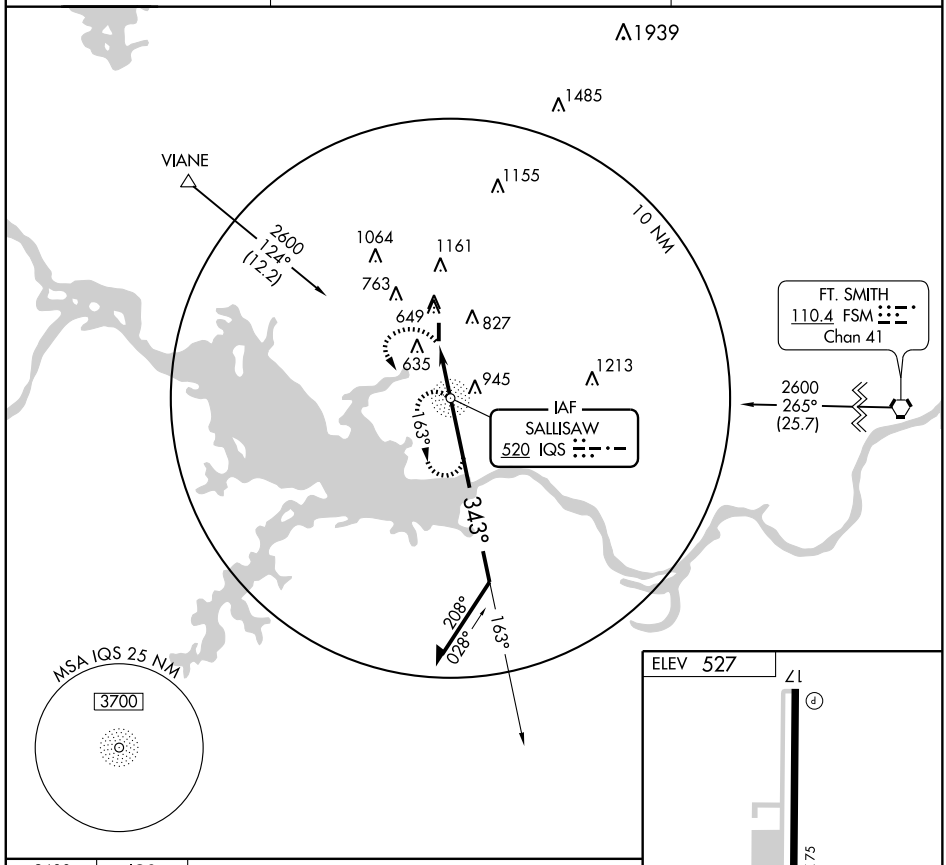
NDB IQS	APP CRS	Rwy Idg	N/A
520	343°	TDZE	N/A
		Apt Elev	527

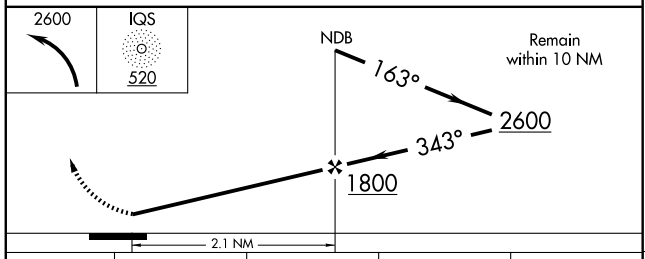
NDB-A
SALLISAW MUNI (JSV)

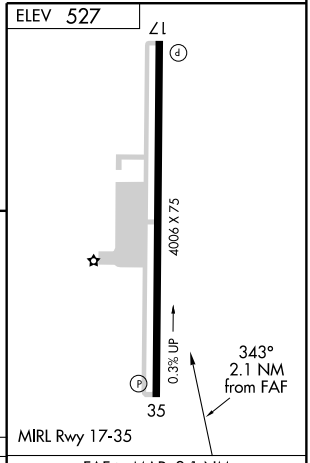
NA

MISSED APPROACH: Climbing left turn to 2600 direct IQS NDB and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
118.475	120.9 343.75	122.7 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1140-1	613 (700-1)	1140-1¾ 613 (700-1¾)	NA

FAF to MAP 2.1 NM

Knots	60	90	120	150	180
Min:Sec	2:06	1:24	1:03	0:50	0:42

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4006
354°	TDZE	527
	Apt Elev	527

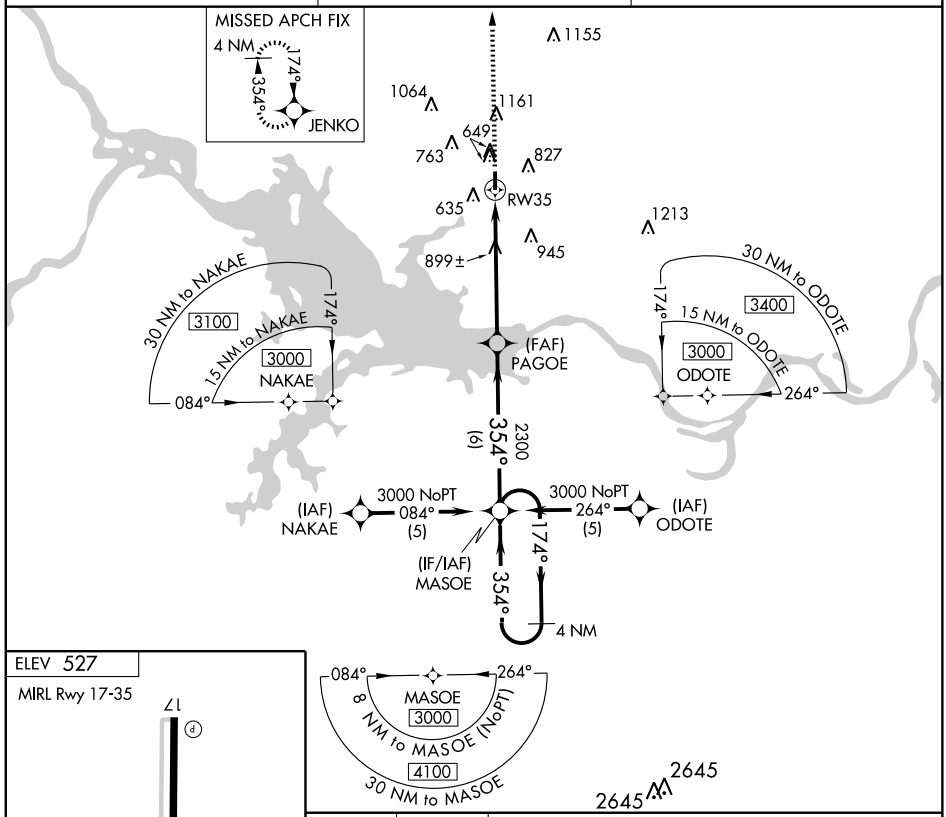
RNAV (GPS) RWY 35
SALLISAW MUNI (JSV)

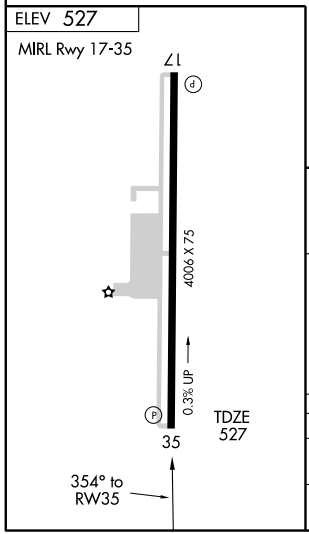
GPS or RNP-0.3 required.
DME/DME RNP-0.3 NA.

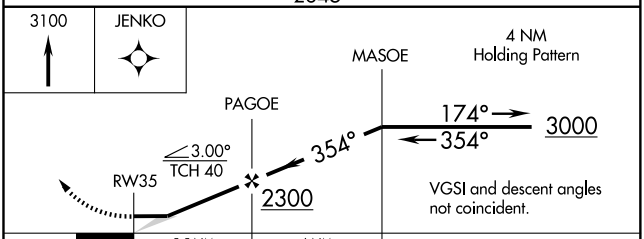
NA

MISSED APPROACH: Climb to 3100 direct JENKO WP and hold.

AWOS-3	RAZORBACK APP CON ★	UNICOM
118.475	120.9 343.75	122.7 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1160-1 633 (700-1)		1160-1¾ 633 (700-1¾)	NA
CIRCLING	1160-1 633 (700-1)		1160-1¾ 633 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB OWP	APP CRS	Rwy Idg	5799
362	340°	TDZE	891
		Apt Elev	891

NDB RWY 35

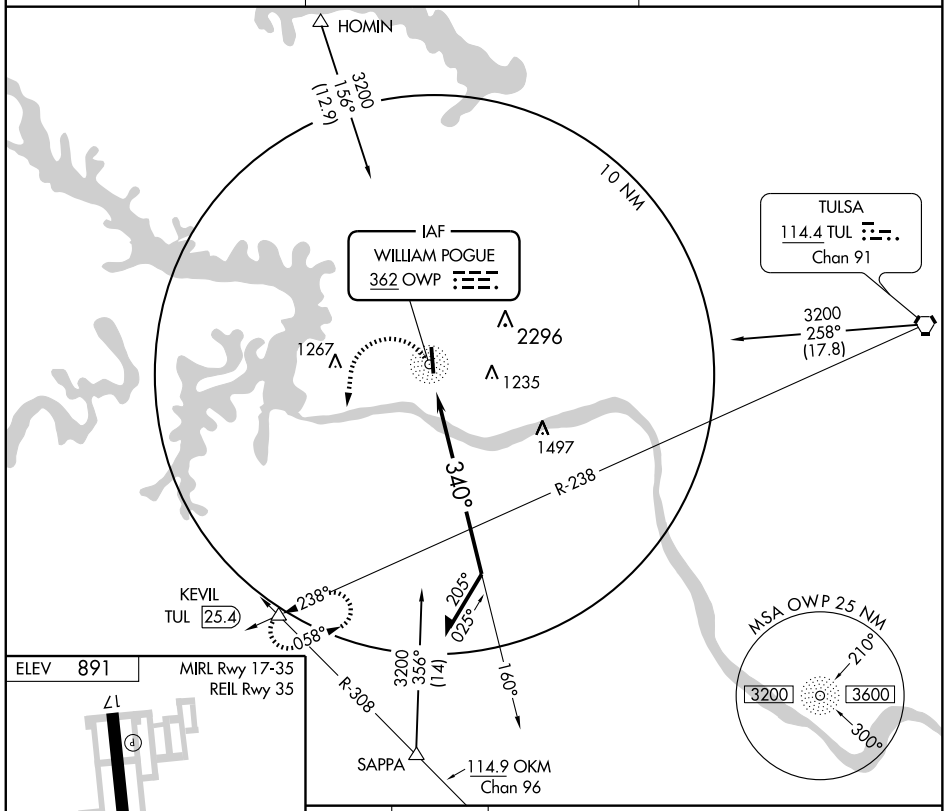
SAND SPRINGS/ WILLIAM R. POGUE MUNI (OWP)

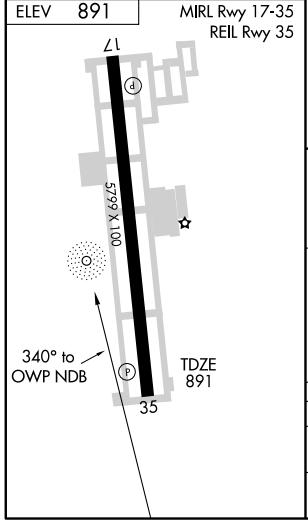
When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDA 60 feet.

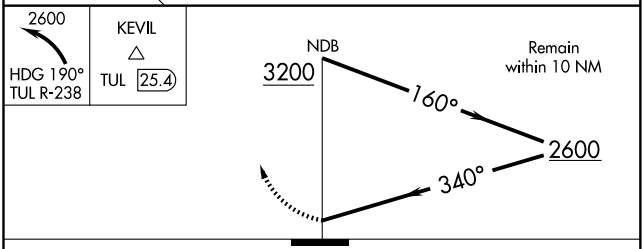
NA

MISSED APPROACH: Climbing left turn to 2600 via heading 190° and TUL VORTAC R-238 to KEVIL INT/TUL 25.4 DME and hold.

AWOS-3	TULSA APP CON	UNICOM
118.325	124.0 338.3	122.7 (CTAF)







CATEGORY	A	B	C	D
S-35	1520-1	629 (700-1)	1520-1¾ 629 (700-1¾)	NA
CIRCLING	1520-1	629 (700-1)	1520-1¾ 629 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5799
169°	TDZE	889
	Apt Elev	892

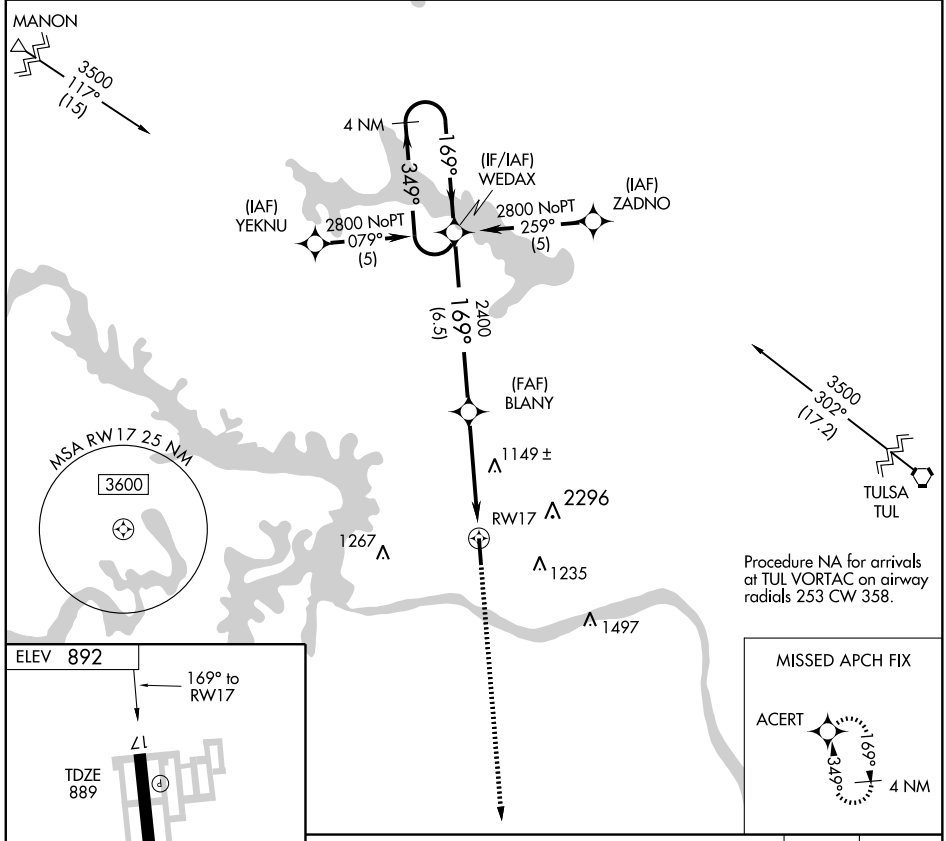
RNAV (GPS) RWY 17

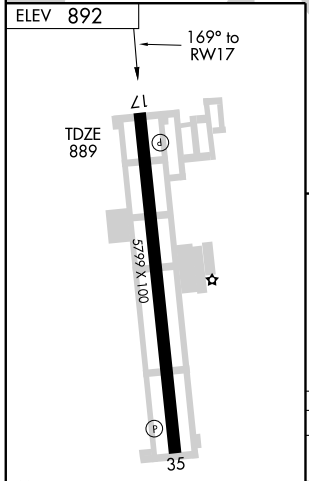
SAND SPRINGS/ WILLIAM R. POGUE MUNI (OWP)

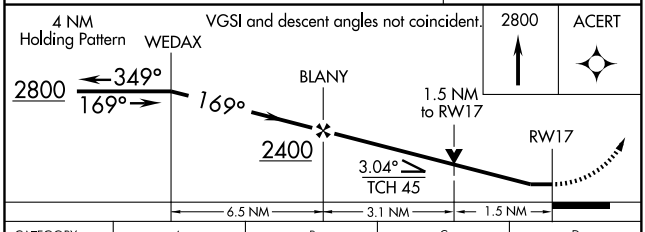
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all MDA 60 feet. Increase Cat C circling visibility ¼ mile. VDP NA when using Tulsa altimeter setting.

MISSED APPROACH: Climb to 2800 direct ACERT and hold.

AWOS-3	TULSA APP CON	UNICOM
118.325	124.0 338.3	122.7 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1400-1	511 (600-1)	1400-1½ 511 (600-1½)	NA
CIRCLING	1440-1	548 (600-1)	1440-1½ 548 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 57912 W35A	APP CRS 349°	Rwy Idg 5799 TDZE 892 Apt Elev 892

RNAV (GPS) RWY 35

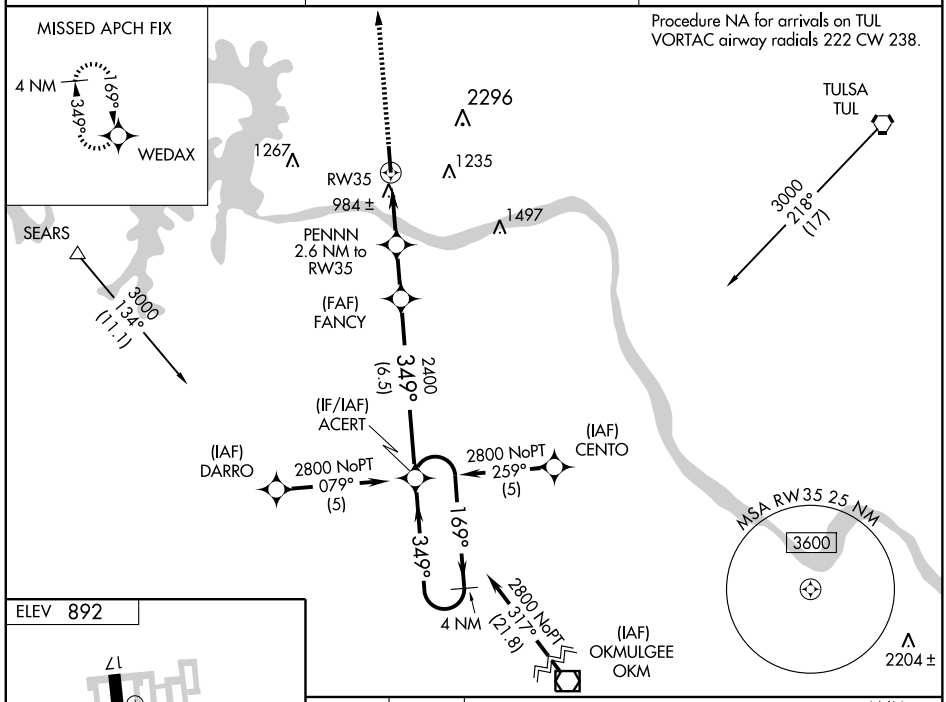
SAND SPRINGS/ WILLIAM R. POGUE MUNI (OWP)

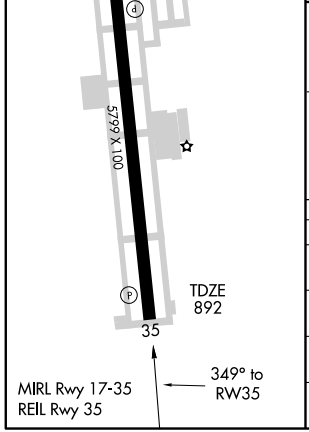
Baro-VNAV NA when using Tulsa Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DA/MDA 60 feet and increase LPV, LNAV/VNAV visibility ¼ mile all Cats and LNAV and circling Cat C visibility ¼ mile.

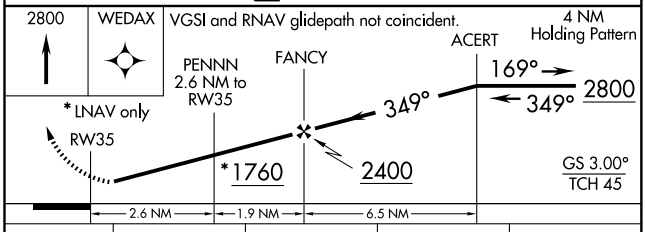
NA

MISSED APPROACH: Climb to 2800 direct WEDAX and hold.

AWOS-3	TULSA APP CON	UNICOM
118.325	124.0 338.3	122.7 (CTAF)







CATEGORY	A	B	C	D
LPV DA	1202-1 310 (400-1)			NA
LNAV/VNAV DA	1317-1½ 425 (500-1½)			NA
LNAV MDA	1240-1 348 (400-1)			NA
CIRCLING	1440-1 548 (600-1)		1440-1½ 548 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME GNP 110.6 Chan 43	APP CRS 144°	Rwy Idg N/A TDZE N/A Apt Elev 892

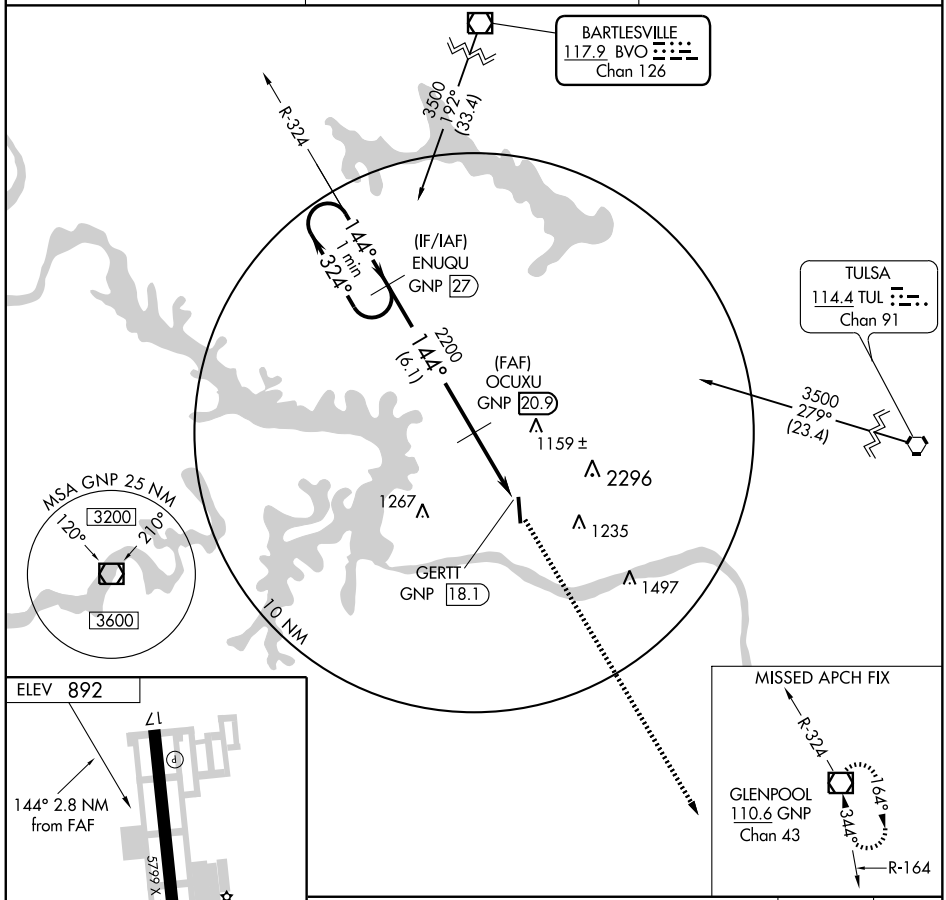
VOR/DME-A

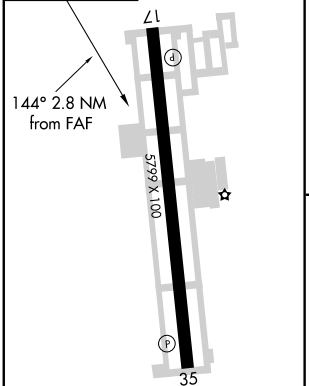
SAND SPRINGS/ WILLIAM R. POGUE MUNI (OWP)

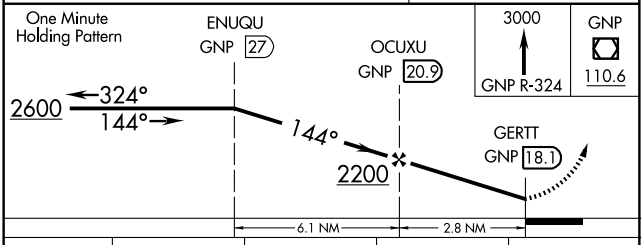
▼ When local altimeter setting not received, use Tulsa Intl altimeter setting and increase MDA 60 feet and Cat C visibility ¼ mile.
▲ NA

MISSED APPROACH: Climb to 3000 via GNP R-324 to GNP VOR/DME and hold.

AWOS-3	TULSA APP CON	UNICOM
118.325	124.0 338.3	122.7 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1440-1 548 (600-1)		1440-1½ 548 (600-1½)	NA

REIL Rwy 35
MIRL Rwy 17-35

SRE NDB	APP CRS	Rwy Idg	5000
278	162°	TDZE	1024
		Apt Elev	1024

NDB RWY 16

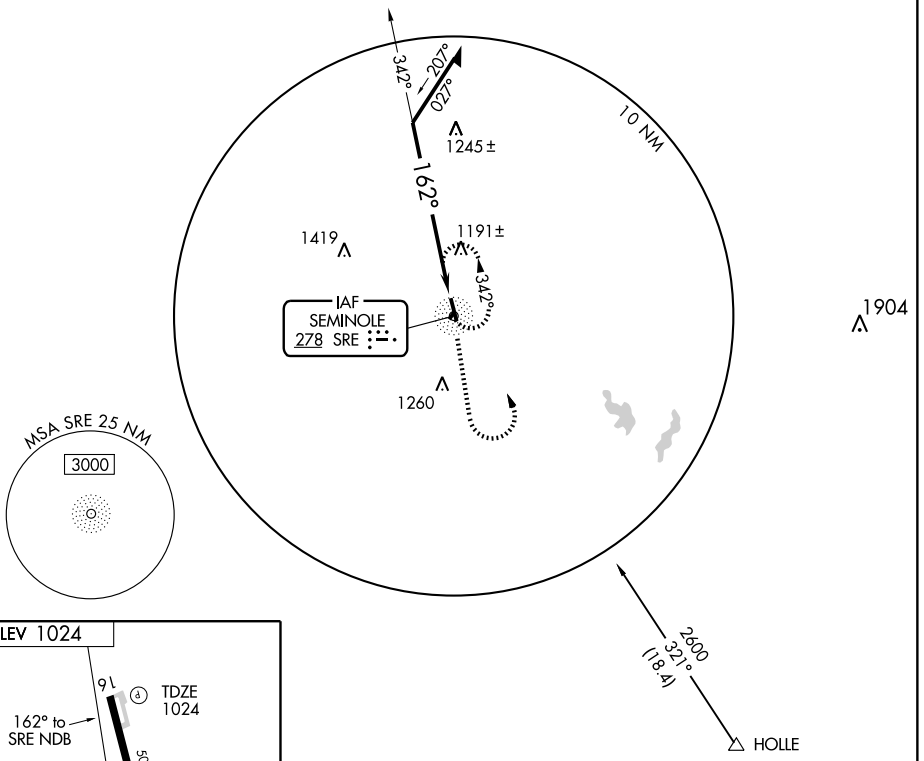
SEMINOLE MUNI (SRE)

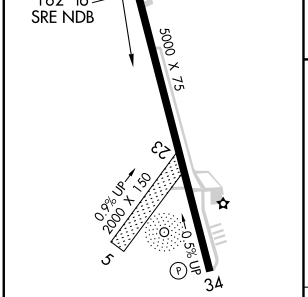
If local altimeter setting not received, use Shawnee Rgnl altimeter setting and increase all MDAs 40 feet.

NA

MISSED APPROACH: Climb to 2000 then climbing left turn to 2600 direct SRE NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.625	132.2 338.35	122.8 (CTAF) L

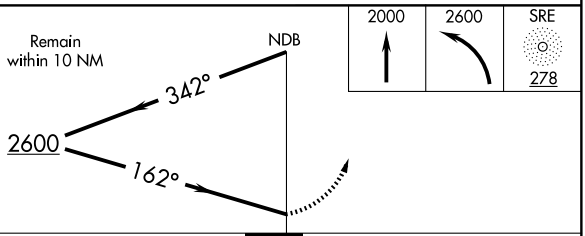




REIL Rwy 16-34

MIRL Rwy 16-34 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-16	1660-1	636 (700-1)	1660-1¾ 636 (700-1¾)	NA
CIRCLING	1660-1	636 (700-1)	1660-1¾ 636 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
160°	TDZE	1024
	Apt Elev	1024

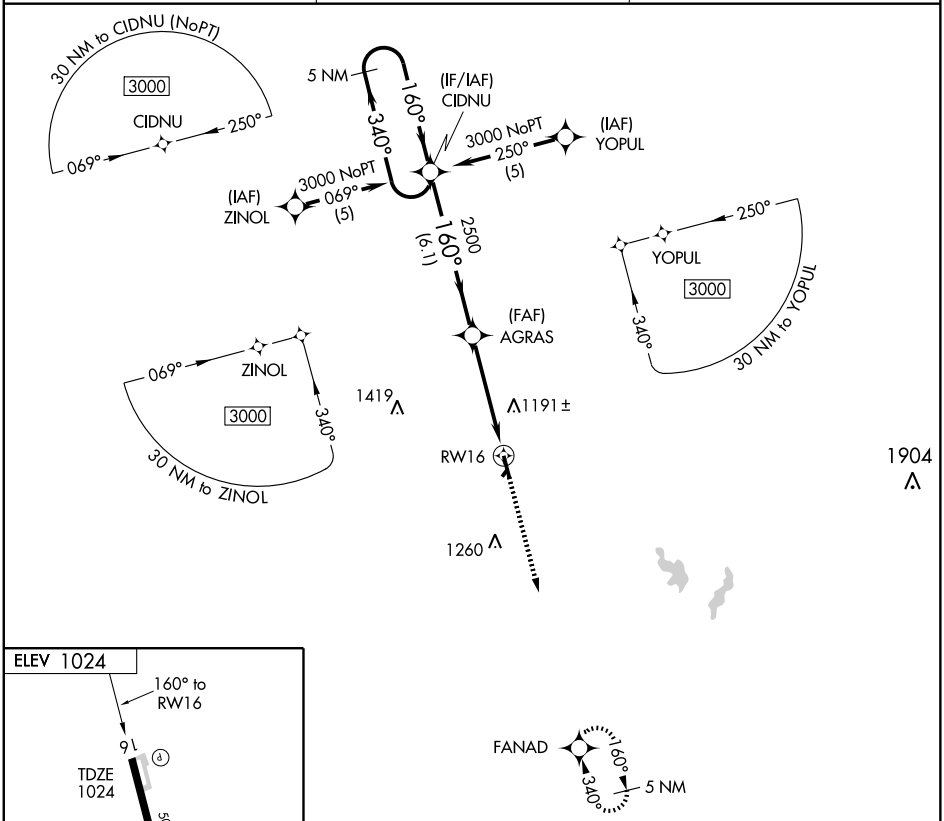
RNAV (GPS) RWY 16

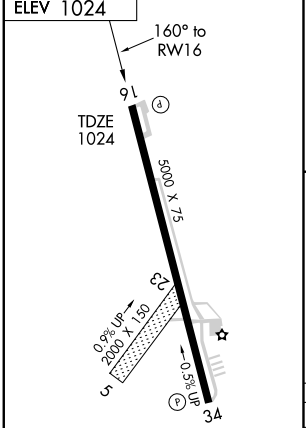
SEMINOLE MUNI (SRE)

DME/DME RNP-0.3 NA. If local altimeter setting not received, use Shawnee Rgnl altimeter setting and increase all MDAs 40 feet.

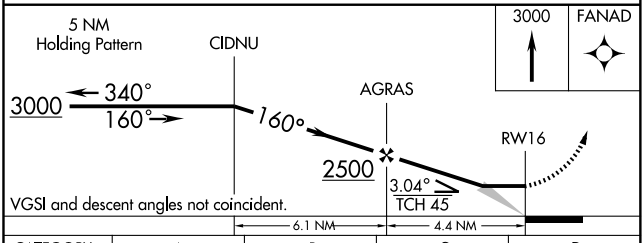
MISSED APPROACH: Climb to 3000 direct FANAD and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.625	132.2 338.35	122.8 (CTAF) L





REIL Rwy 16-34
MIRL Rwy 16-34 L

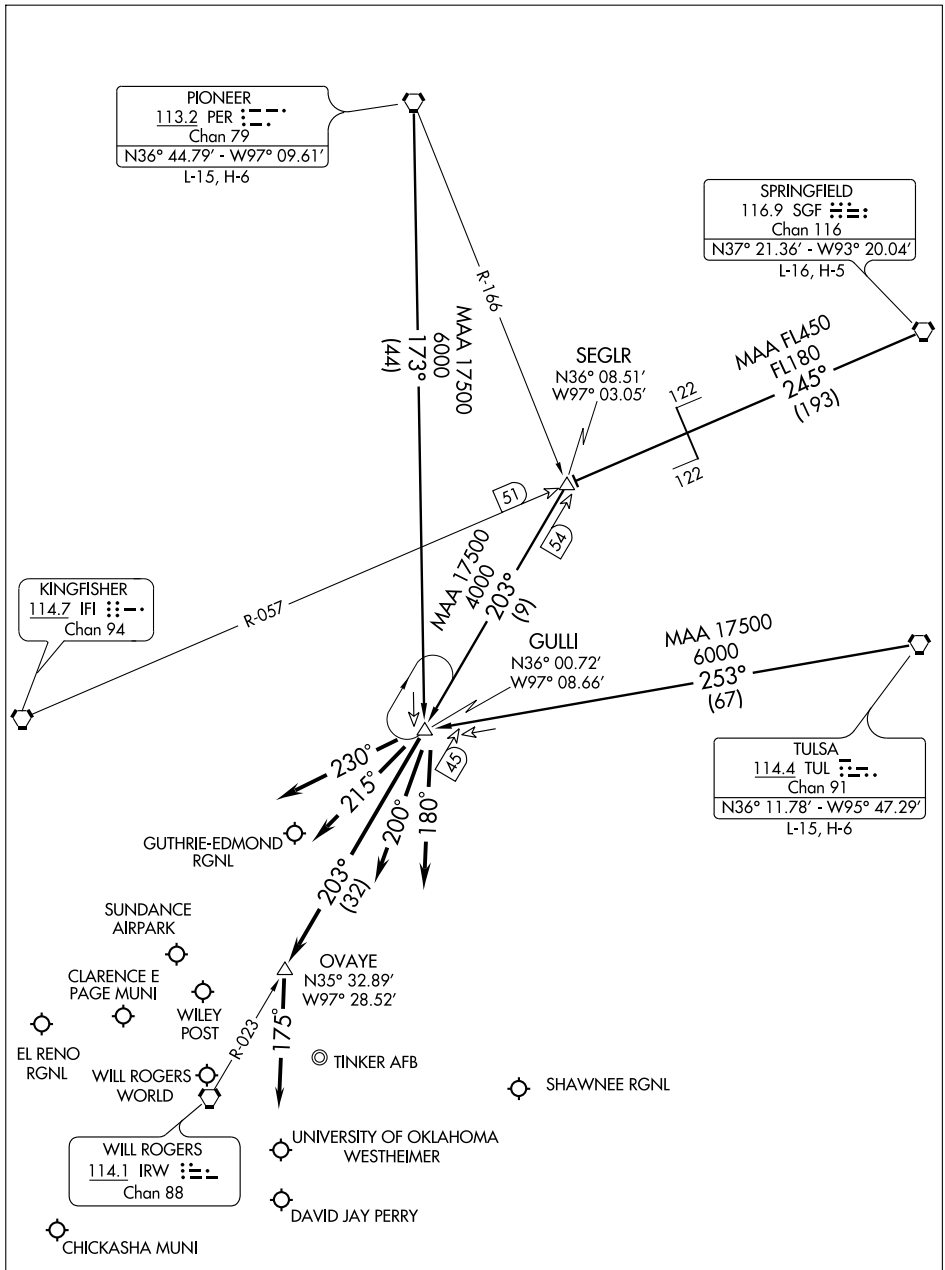


CATEGORY	A	B	C	D
LNAV MDA	1500-1	476 (500-1)	1500-1¼ 476 (500-1¼)	NA
CIRCLING	1500-1	476 (500-1)	1560-1½ 536 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

OKLAHOMA CITY, OKLAHOMA



NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-1, 17 DEC 2009 to 14 JAN 2010

GULLI ONE ARRIVAL (GULLI.GULLI1)

ARRIVAL DESCRIPTION

PIONEER TRANSITION (PER.GULLI1): From over PER VORTAC via PER R-173 to GULLI INT. Thence . . . .
SPRINGFIELD TRANSITION (SGF.GULLI1): From over SGF VORTAC via SGF R-245 and IFI R-057 to SEGLR INT, then via IRW R-023 to GULLI INT. Thence . . . .
TULSA TRANSITION (TUL.GULLI1): From over TUL VORTAC via TUL R-253 to GULLI INT. Thence . . . .

ALL AIRCRAFT LANDING NORTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4, airports: Depart GULLI INT via IRW R-023 to OVAYE INT, then heading 175° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 180° for vector to final approach course.

ALL AIRCRAFT LANDING SOUTH:

. . . . For GOK, HSD, PWA, F29, RQO, CHK airports: Depart GULLI INT via heading 230° for vector to final approach course.

. . . . For OKC, OUN, 1K4 airports: Depart GULLI INT via heading 215° for vector to final approach course.

. . . . For TIK, SNL airports: Depart GULLI INT via heading 200° for vector to final approach course.

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-HNQ	APP CRS	Rwy Idg	5997
108.75	175°	TDZE	1073
		Apt Elev	1073

ILS or LOC RWY 17

SHAWNEE RGNL (SNL)

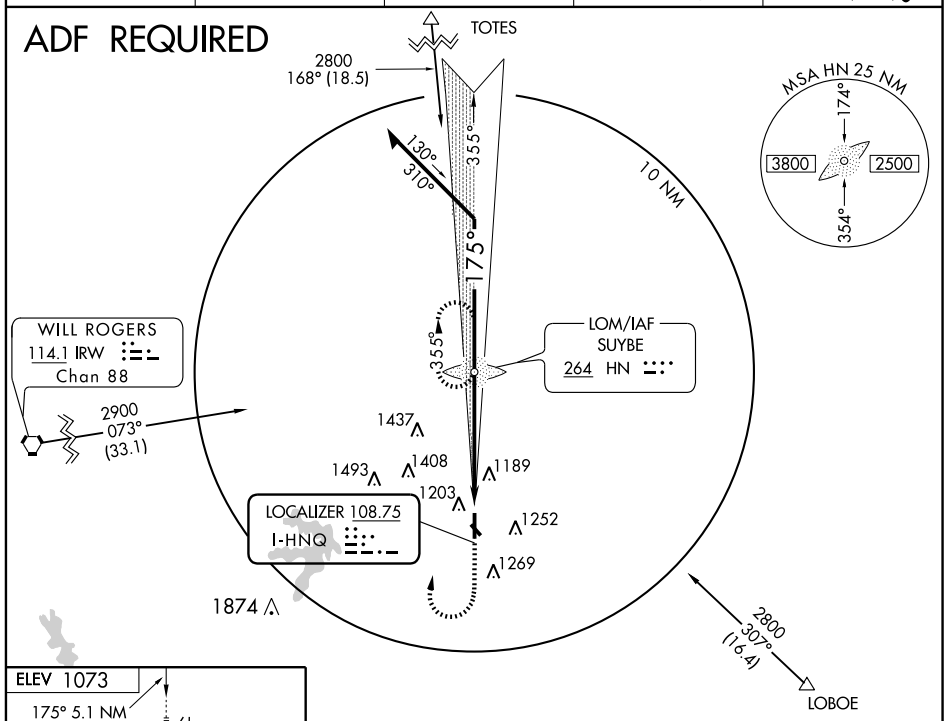
NA — If local altimeter setting not received, use Chandler Rgnl altimeter setting and increase all DA/MDAs 80 feet.

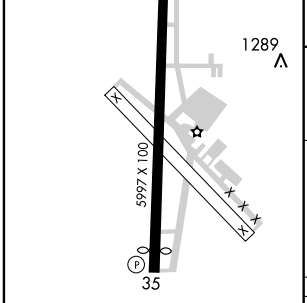
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 2800 direct SUYBE LOM and hold.

AWOS-3	OKE CITY APP CON	FORT WORTH CENTER	GCO	UNICOM
118.275	120.45 288.325	132.2 338.35	121.725	122.7 (CTAF)

ADF REQUIRED





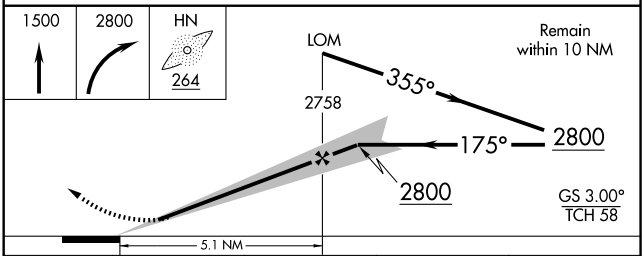
MIRL Rwy 17-35

REIL Rwys 17 and 35

1161

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-ILS 17	1273-½ 200 (200-½)			NA
S-LOC 17	1420-½ 347 (400-½)			NA
CIRCLING	1600-1 527 (600-1)		1600-1½ 527 (600-1½)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5997
175°	TDZE	1073
	Apt Elev	1073

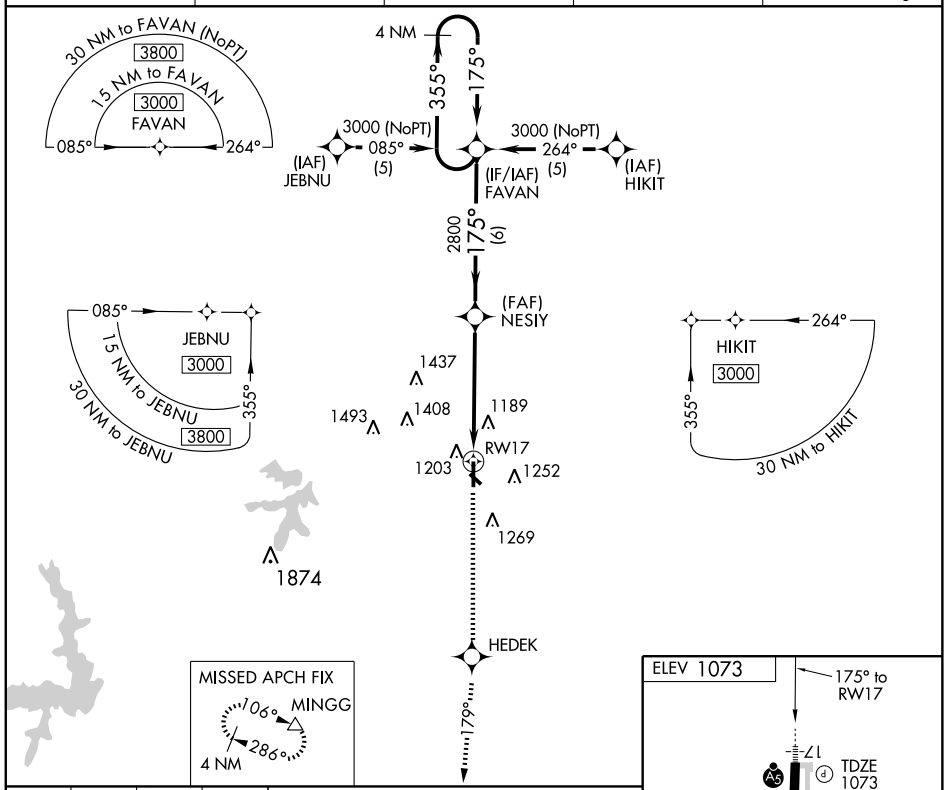
RNAV (GPS) RWY 17
SHAWNEE RGNL (SNL)

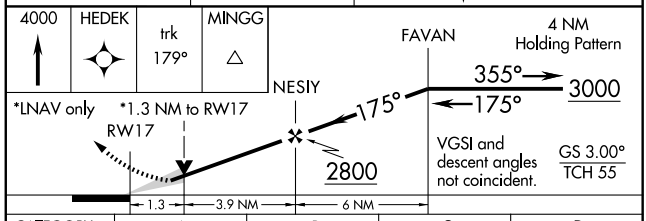
NA If local altimeter setting not received, use Chandler Rgnl altimeter setting and increase all DA/MDAs 80 feet. Baro-VNAV NA below -17C (+2F); Baro-VNAV NA when using Chandler Rgnl altimeter setting. VDP NA when using Chandler Rgnl altimeter setting. GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

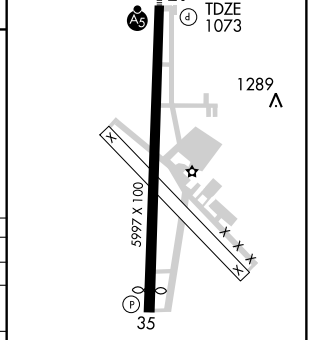
MALSR

MISSED APPROACH: Climb to 4000 direct HEDEK and via 179° track to MINGG and hold.

AWOS-3	OKE CITY APP CON	FORT WORTH CENTER	GCO	UNICOM
118.275	120.45 288.325	132.2 338.35	121.725	122.7 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	1440-¾ 367 (400-¾)			NA
LNAV MDA	1540-½ 467 (500-½)		1540-¾ 467 (500-¾)	NA
CIRCLING	1600-1¼ 527 (600-1¼)		1600-1½ 527 (600-1½)	NA

MIRL Rwy 17-35 L
REIL Rwys 17 and 35

1161

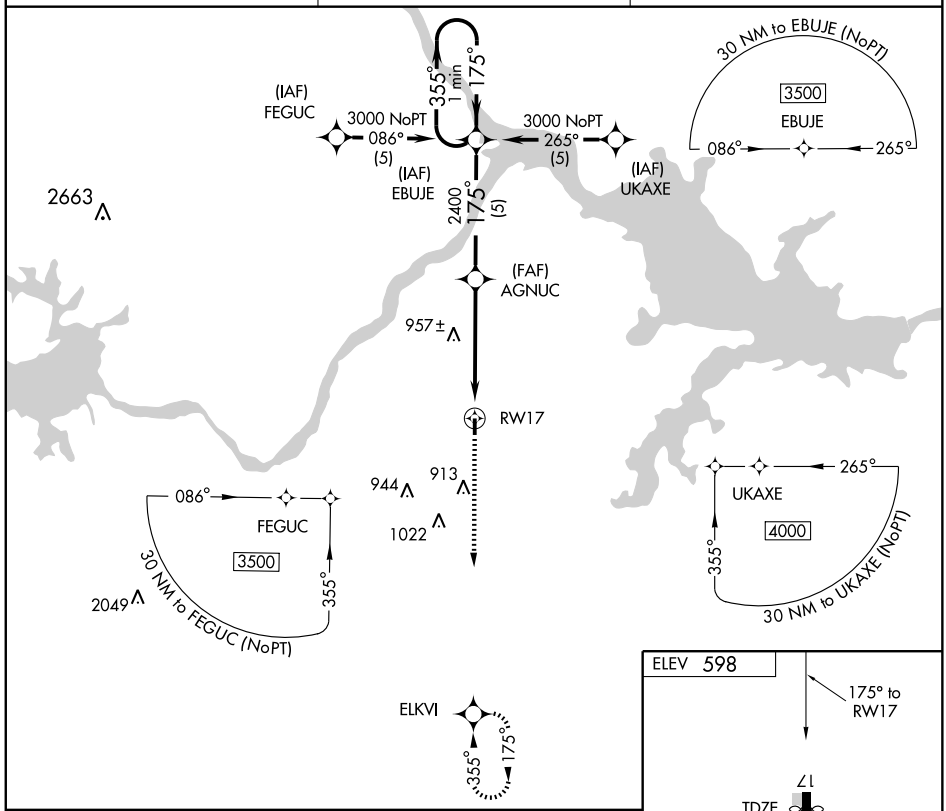
SC-1, 17 DEC 2009 to 14 JAN 2010

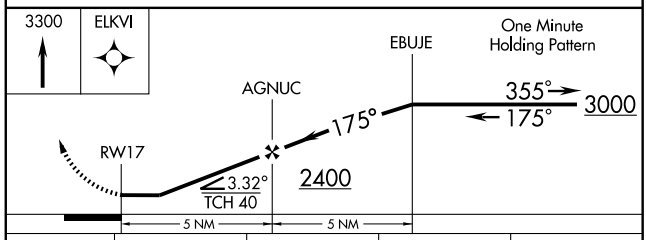
APP CRS	Rwy Idg	3511
175°	TDZE	598
	Apt Elev	598

GPS RWY 17
STIGLER RGNL (GZL)

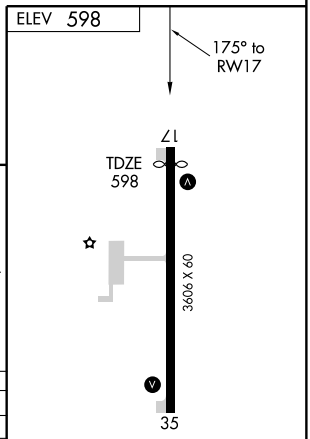
NA	Use Fort Smith altimeter setting.	MISSED APPROACH: Climb to 3300 direct ELKVI WP and hold.

AWOS-3	FORT WORTH CENTER	CTAF
118.575	132.2 338.35	122.9 L





CATEGORY	A	B	C	D
FORT SMITH ALTIMETER SETTING MINIMUMS				
S-17	1360-1 762 (800-1)	1360-1¼ 762 (800-1¼)	NA	
CIRCLING	1360-1 762 (800-1)	1360-1¼ 762 (800-1¼)	NA	



LIRL Rwy 17-35 L

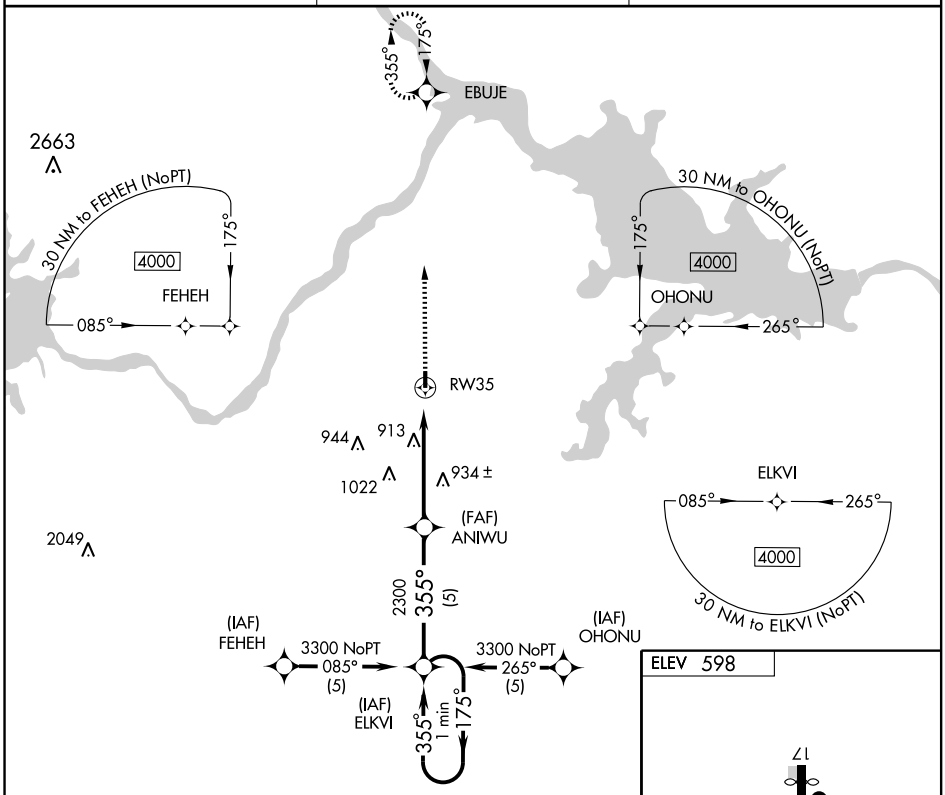
SC-1, 17 DEC 2009 to 14 JAN 2010

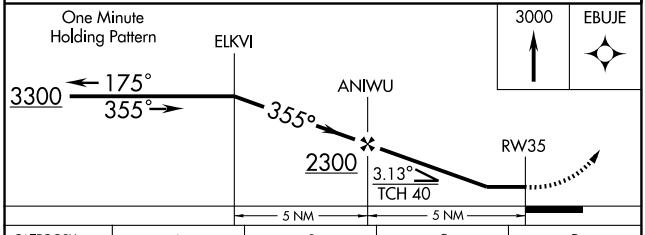
APP CRS	Rwy Idg	3606
355°	TDZE	598
	Apt Elev	598

GPS RWY 35
STIGLER RGNL (GZL)

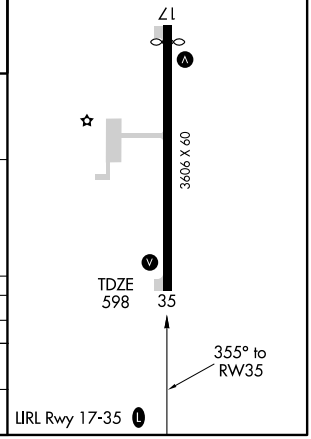
NA	Use Fort Smith altimeter setting.	MISSED APPROACH: Climb to 3000 direct EBUJE WP and hold.

AWOS-3	FORT WORTH CENTER	CTAF
118.575	132.2 338.35	122.9 L





CATEGORY	A	B	C	D
FORT SMITH ALTIMETER SETTING MINIMUMS				
S-35	1340-1 742 (800-1)	1340-1 ¼ 742 (800-1 ¼)	NA	
CIRCLING	1340-1 742 (800-1)	1340-1 ¼ 742 (800-1 ¼)	NA	



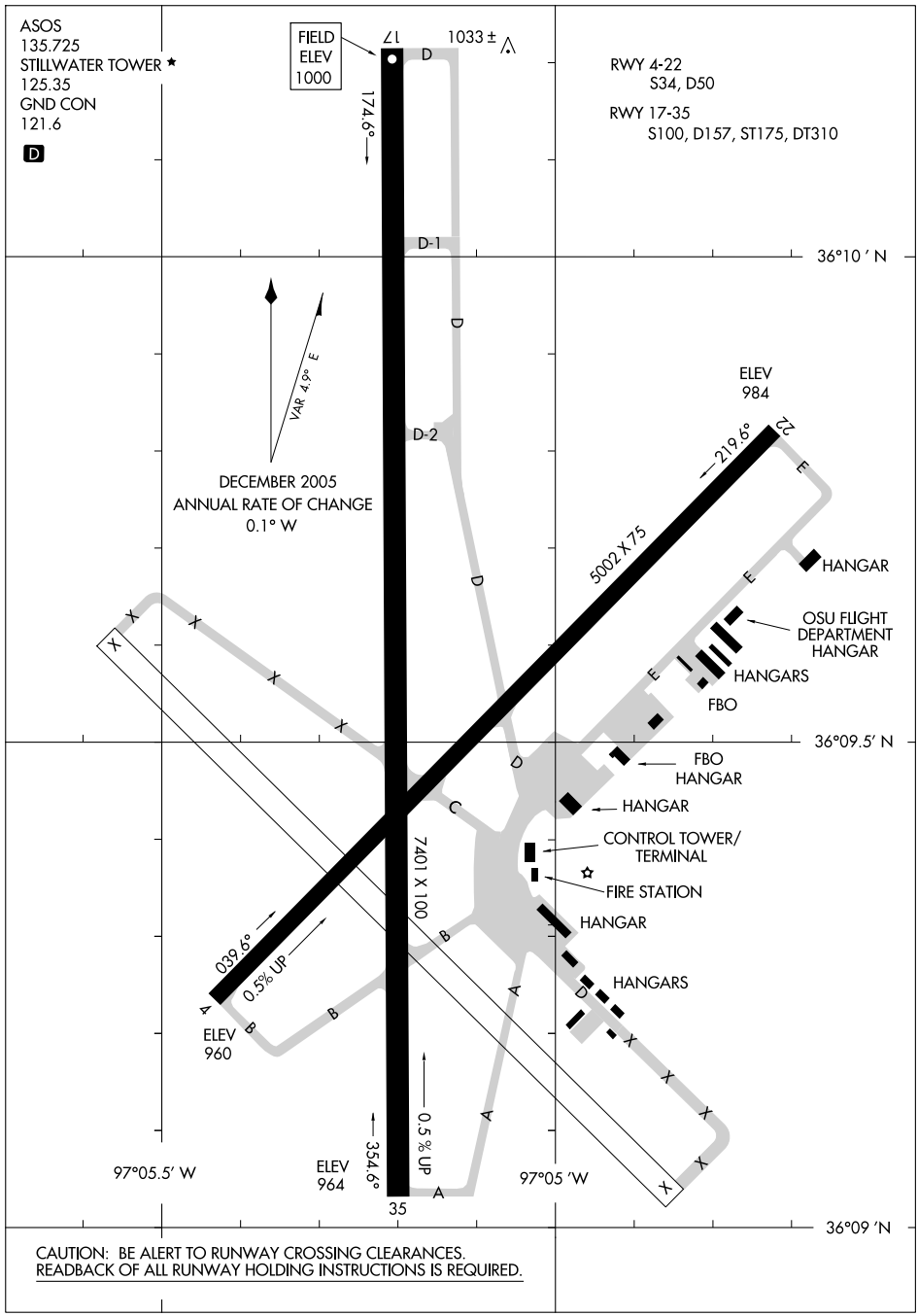
SC-1, 17 DEC 2009 to 14 JAN 2010

09183

AIRPORT DIAGRAM

AL-5151 (FAA)

STILLWATER RGNL (SWO)
STILLWATER, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-SWO	APP CRS	Rwy Idg	7401
109.15	174°	TDZE	1000
Chan 28(Y)		Apt Elev	1000

ILS or LOC RWY 17

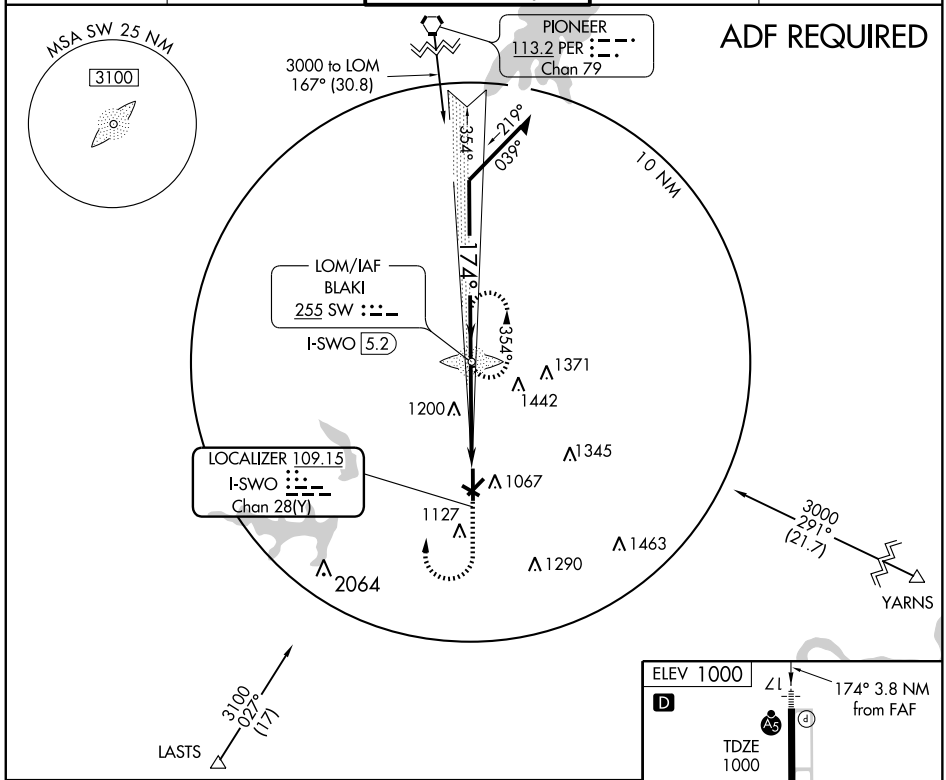
STILLWATER RGNL (SWO)

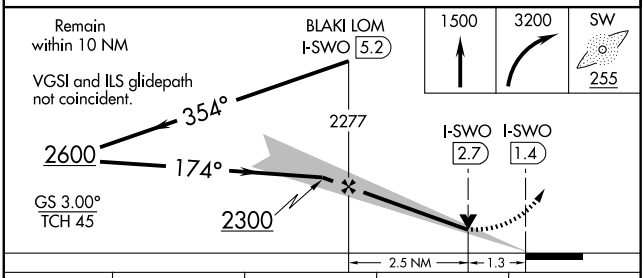
A If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all DA/MDAs 80 feet. VDP NA with Ponca City Rgnl altimeter setting.

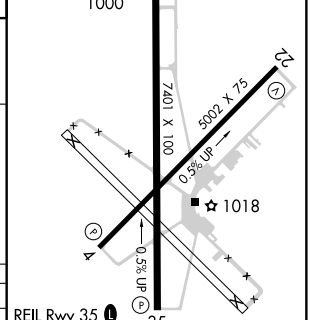
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3200 direct BLAKI LOM and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER ★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-ILS 17	1200-½ 200 (200-½)			
S-LOC 17	1460-½ 460 (500-½)		1460-¾ 460 (500-¾)	1460-1 460 (500-1)
CIRCLING	1460-1 460 (500-1)		1460-1½ 460 (500-1½)	1560-2 560 (600-2)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-1, 17 DEC 2009 to 14 JAN 2010

LOM SW	APP CRS	Rwy Idg	7401
255	175°	TDZE	1000
		Apt Elev	1000

NDB RWY 17

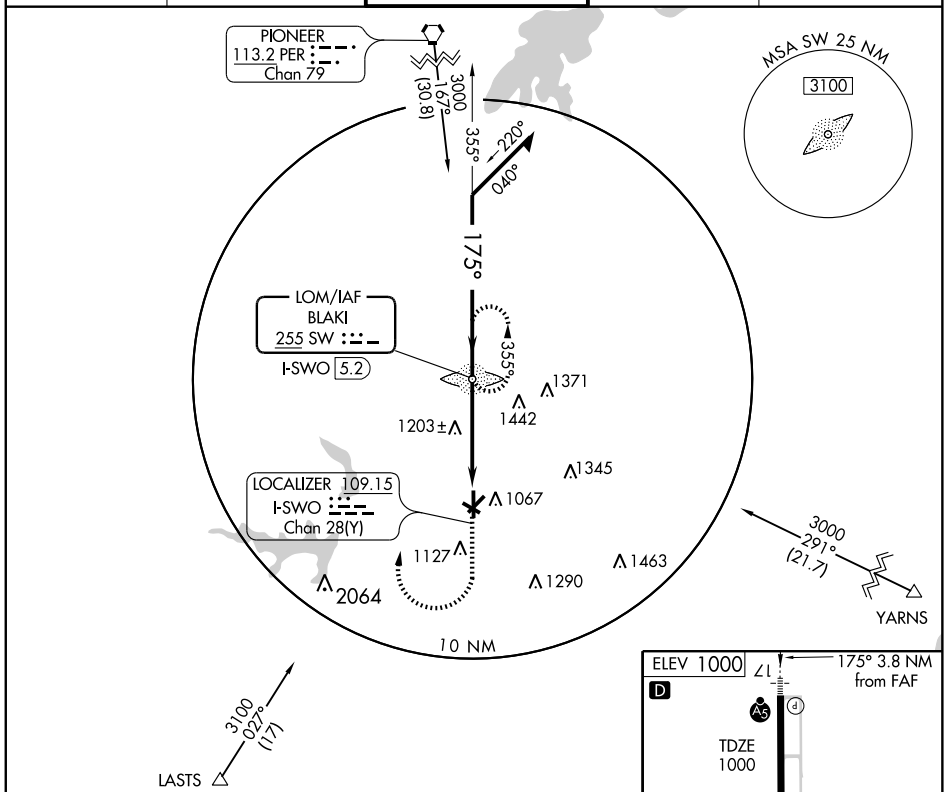
STILLWATER RGNL (SWO)

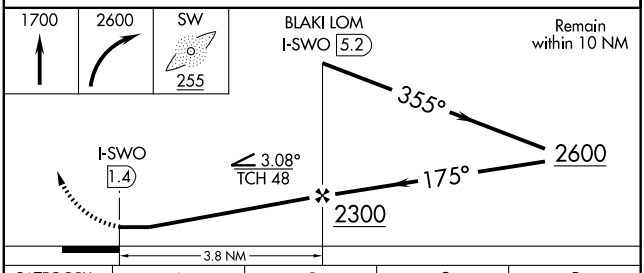
⚠ If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all MDAs 80 feet.

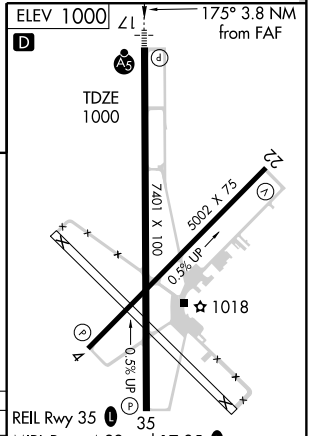
MALSR

MISSED APPROACH: Climb to 1700 then climbing right turn to 2600 direct SW LOM and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER ★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-17	1520-¾ 520 (600-¾)		1520-1 520 (600-1)	1520-1½ 520 (600-1½)
CIRCLING	1520-1 520 (600-1)		1520-1½ 520 (600-1½)	1560-2 560 (600-2)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-1, 17 DEC 2009 to 14 JAN 2010

STILLWATER, OKLAHOMA AL-5151 (FAA)

WAAS	APP CRS	Rwy Idg	7401
CH 90108	174°	TDZE	1000
W17A		Apt Elev	1000

RNAV (GPS) RWY 17

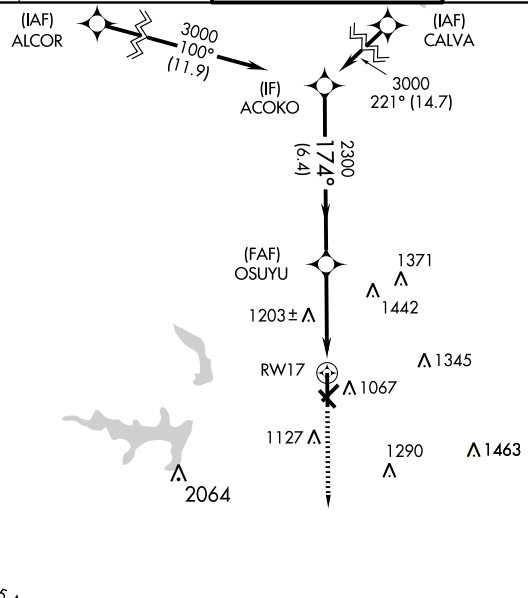
STILLWATER RGNL (SWO)

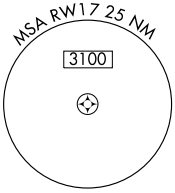
If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all DA/MDAs 80 feet. VDP and Baro-VNAV NA when using Ponca City Rgnl altimeter setting. Baro-VNAV NA below -17C (2F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV visibility to ¾ mile all Cats.

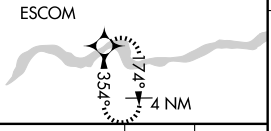
MALSR

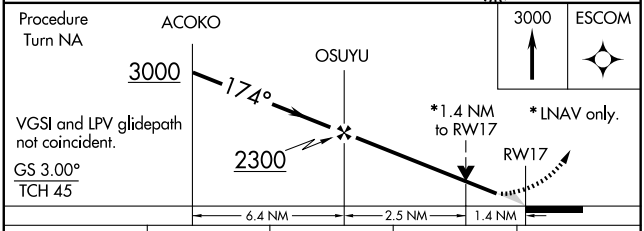
MISSED APPROACH: Climb to 3000 direct ESCOM WP and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF)	121.6	122.95

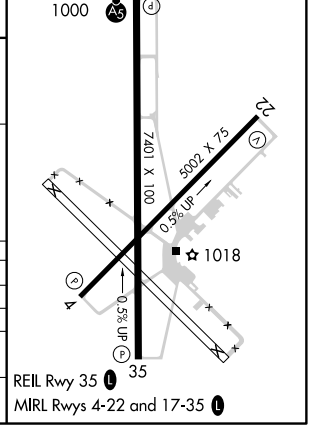








CATEGORY	A	B	C	D
LPV DA	1250-½ 250 (300-½)			
LNAV/VNAV DA	1420-1 420 (500-1)			
LNAV MDA	1480-½ 480 (500-½)		1480-¾ 480 (500-¾)	1480-1 480 (500-1)
CIRCLING	1480-1½ 480 (500-1½)			1560-2 560 (600-2)



REIL Rwy 35 (L)

MIRL Rwys 4-22 and 17-35 (L)

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS		
354°	Rwy Idg	7401
	TDZE	964
	Apt Elev	1000

RNAV (GPS) RWY 35
STILLWATER RGNL (SWO)

⚠ If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all MDAs 80 feet. VDP NA with Ponca City Rgnl altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct ACOKO WP and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER ★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF)	121.6	122.95

4 NM
174°
354°
ACOKO

1371
1200
1442
1345
1067
RW35
1127
1463
1290
2064

MSA RW35 25 NM
3100

(FAF)
BADIC

Procedure NA for arrivals at ALTOR WP on V140 southwest bound.

2600
354°
(6.1)

(IAF)
ALTOR
3000
083°
(15.9)

(IF)
ESCOM

3000
333° (13.6)

(IAF)
TOTES

ELEV 1000 D
REIL Rwy 35 L
MIRL Rwys 4-22 and 17-35 L

17
A5
7401 X 100
5002 X 75
0.5% UP
1018
0.5% UP
TDZE
964
35
354° to RW35

3000 | ACOKO

Procedure Turn NA
ESCOM
3000
BADIC
354°
1.2 NM to RW35
RW35
2600
3.05°
TCH 45
VGSI and descent angles not coincident.
1.2 | 3.7 NM | 6.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1380-1	416 (400-1)	1380-1¼	416 (400-1¼)
CIRCLING	1400-1 400 (500-1)	1460-1 460 (500-1)	1460-1½ 460 (500-1½)	1560-2 560 (600-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

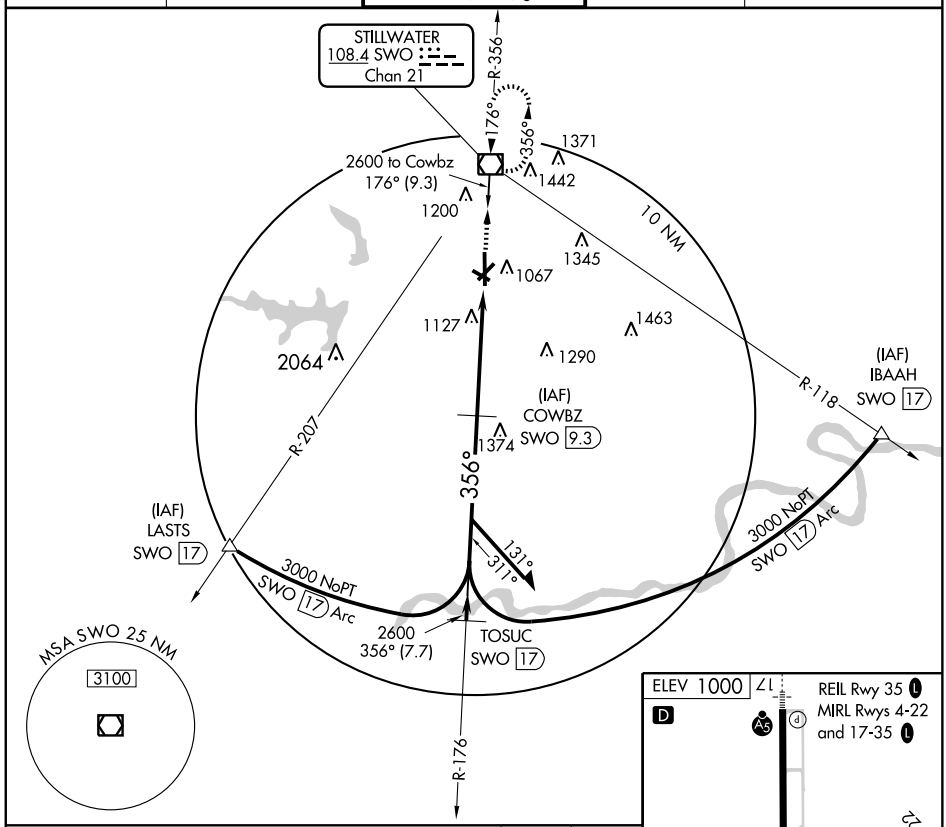
VOR/DME SWO	APP CRS	Rwy Idg	7401
108.4	356°	TDZE	964
Chan 21		Apt Elev	1000

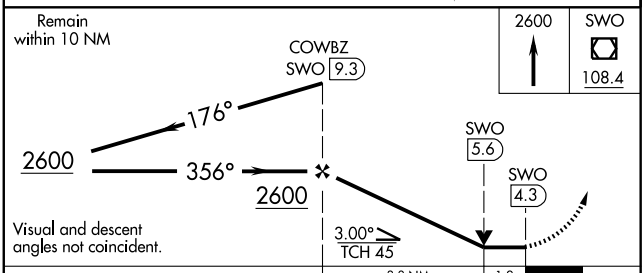
VOR/DME RWY 35
STILLWATER RGNL (SWO)

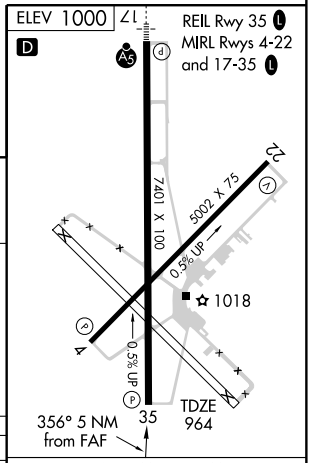
⚠ If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all MDA'S 80 feet. VDP NA with Ponca City altimeter setting.

MISSED APPROACH: Climb to 2600 direct SWO VOR/DME and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER ★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-35	1380-1	416 (400-1)	1380-1¼	416 (400-1¼)
CIRCLING	1400-1 400 (500-1)	1460-1 460 (500-1)	1460-1½ 460 (500-1½)	1560-2 560 (600-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME SWO	APP CRS	Rwy Idg	7401
108.4	178°	TDZE	1000
Chan 21		Apt Elev	1000

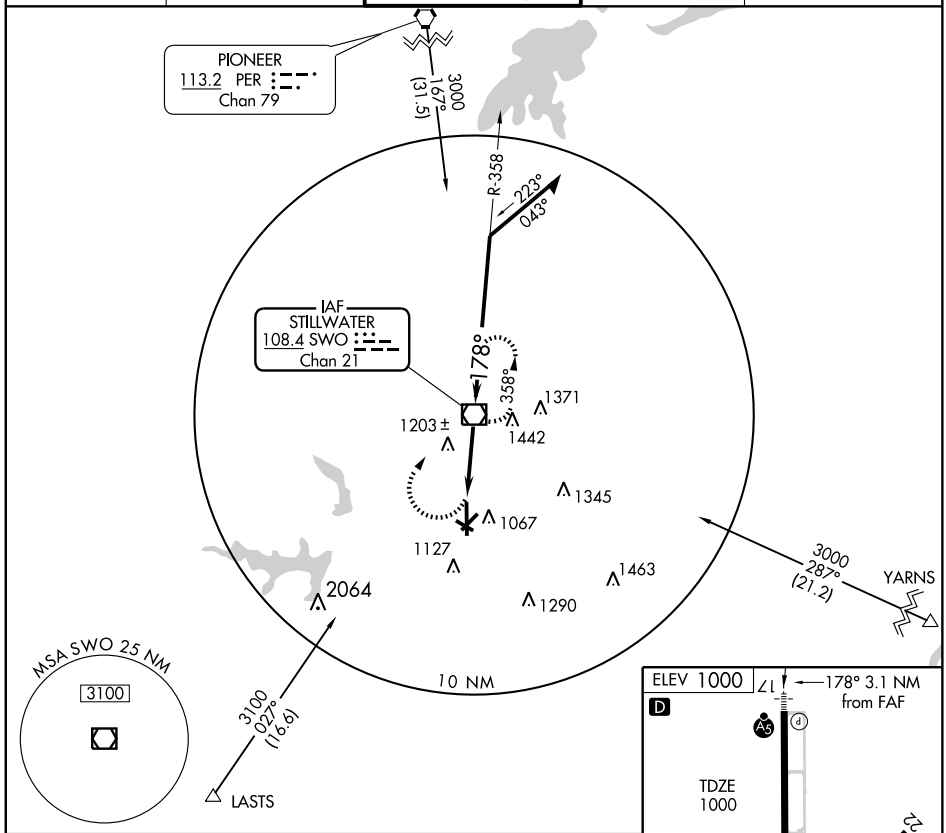
VOR RWY 17
STILLWATER RGNL (SWO)

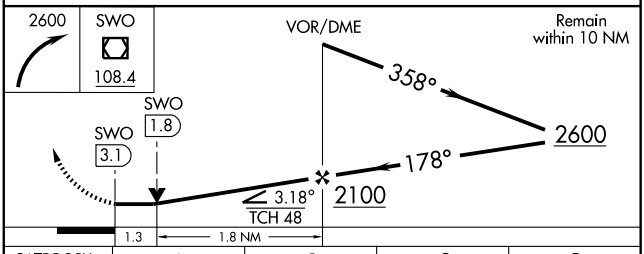
If local altimeter setting not received, use Ponca City Rgnl altimeter setting and increase all MDA's 80 feet. VDP NA with Ponca City altimeter setting. For inoperative MALSR increase S-17 Cats A/B visibility to 1 mile.

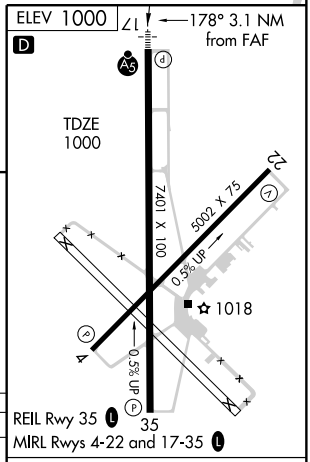
MALSR

MISSED APPROACH: Climbing right turn to 2600 direct SWO VOR/DME and hold.

ASOS	KANSAS CITY CENTER	STILLWATER TOWER ★	GND CON	UNICOM
135.725	128.3 291.7	125.35 (CTAF) L	121.6	122.95







CATEGORY	A	B	C	D
S-17	1460-¾ 460 (500-¾)			1460-1 460 (500-1)
CIRCLING	1460-1 460 (500-1)		1460-1½ 460 (500-1½)	1560-2 560 (600-2)

FAF to MAP 3.1 NM

Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

SC-1, 17 DEC 2009 to 14 JAN 2010

NDB TQH	APP CRS	Rwy Idg	5001
215	180°	TDZE	873
		Apt Elev	873

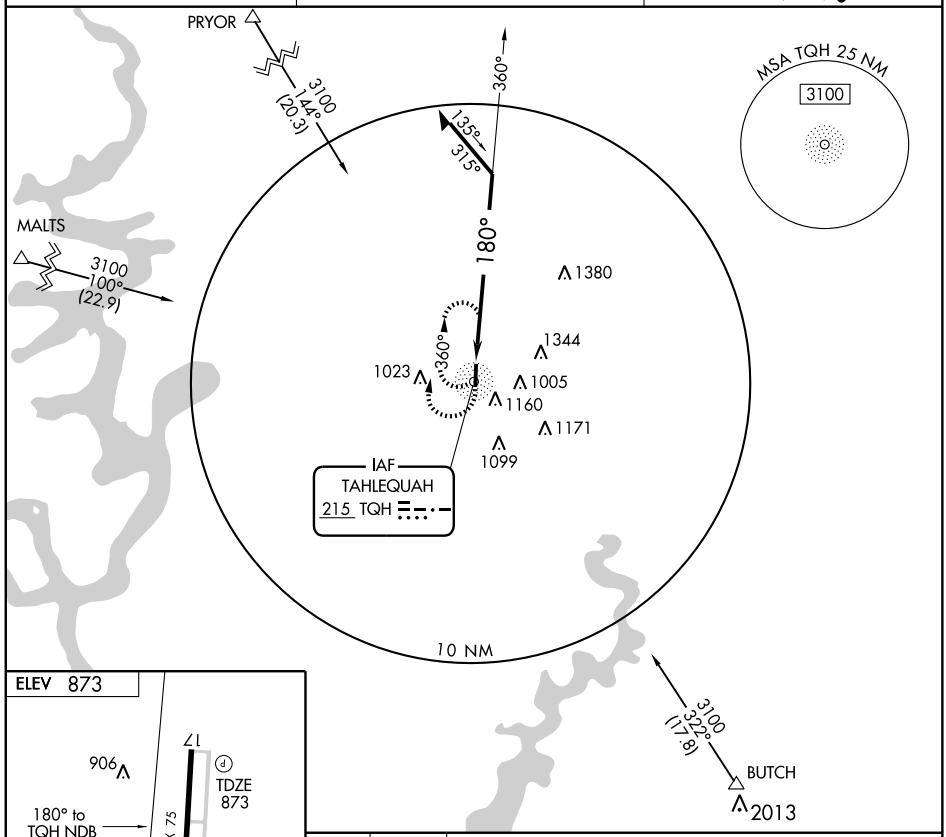
NDB RWY 17

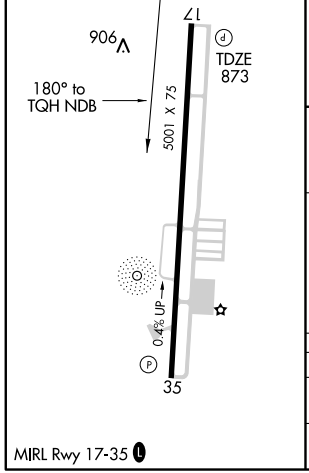
TAHLEQUAH MUNI (TQH)

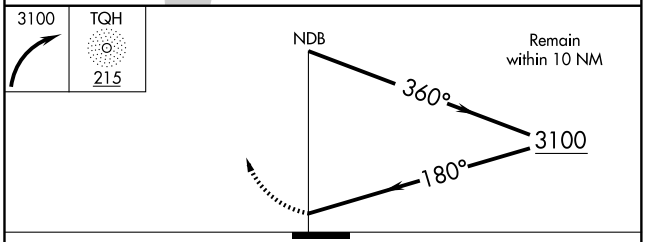
NA

MISSED APPROACH: Climbing right turn to 3100 in TQH NDB holding pattern.

AWOS-3	MEMPHIS CENTER	UNICOM
118.425	126.1 269.0	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	1660-1 787 (800-1)	1660-1¼ 787 (800-1¼)	1660-2¼ 787 (800-1¼)	NA
CIRCLING	1660-1 787 (800-1)	1660-1¼ 787 (800-1¼)	1660-2¼ 787 (800-1¼)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
177°	TDZE	874
	Apt Elev	874

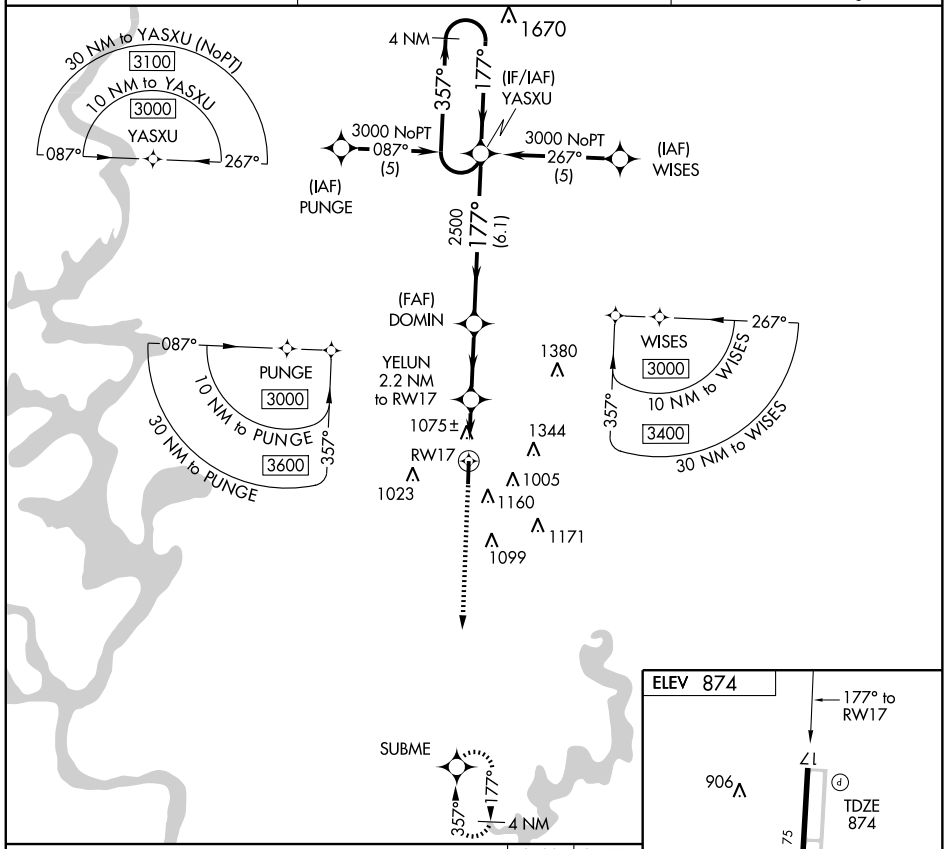
RNAV (GPS) RWY 17

TAHLEQUAH MUNI (TQH)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Muskogee altimeter setting and increase all MDAs 100 feet and increase LNAV Cat C visibility ¼ mile, circling Cat B ¼ mile and Cat C ½ mile.

MISSED APPROACH: Climb to 3100 direct SUBME and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.425	126.1 269.0	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1380-1 506 (600-1)		1380-1½ 506 (600-1½)	NA
CIRCLING	1520-1 646 (700-1)		1520-1¾ 646 (700-1¾)	NA

MIRL Rwy 17-35 L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5001
CH 90207	357°	TDZE	874
W35A		Apt Elev	874

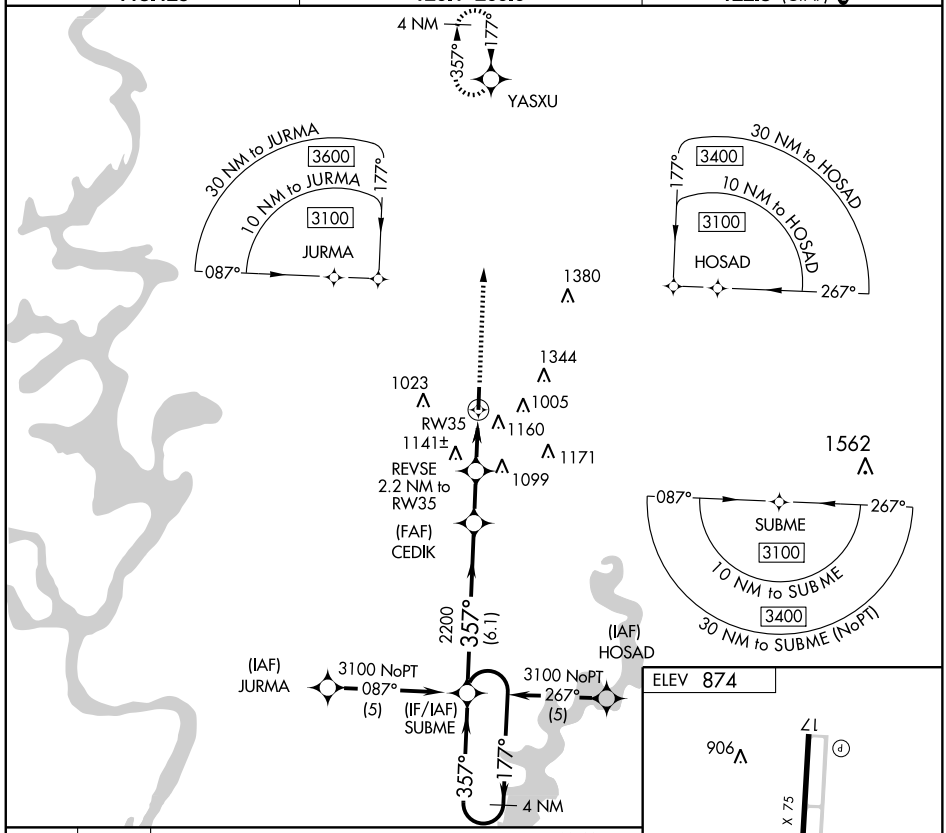
RNAV (GPS) RWY 35

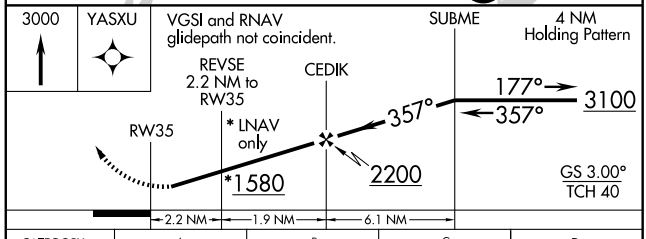
TAHLEQUAH MUNI (TQH)

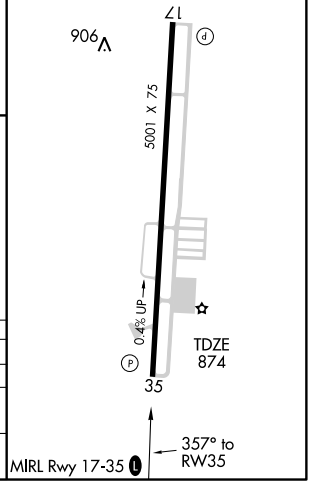
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Muskogee altimeter setting and increase all DAs 92 feet and all LPV visibilities ¼ mile; increase all MDAs 100 feet and LNAV Cat C visibility ¼ mile, circling Cat B ¼ mile and Cat C ½ mile.

MISSED APPROACH: Climb to 3000 direct YASXU and hold.

AWOS-3	MEMPHIS CENTER	UNICOM
118.425	126.1 269.0	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1124-1	250 (300-1)		NA
LNAV MDA	1400-1	526 (600-1)	1400-1½ 526 (600-1½)	NA
CIRCLING	1520-1	646 (700-1)	1520-1¾ 646 (700-1¾)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

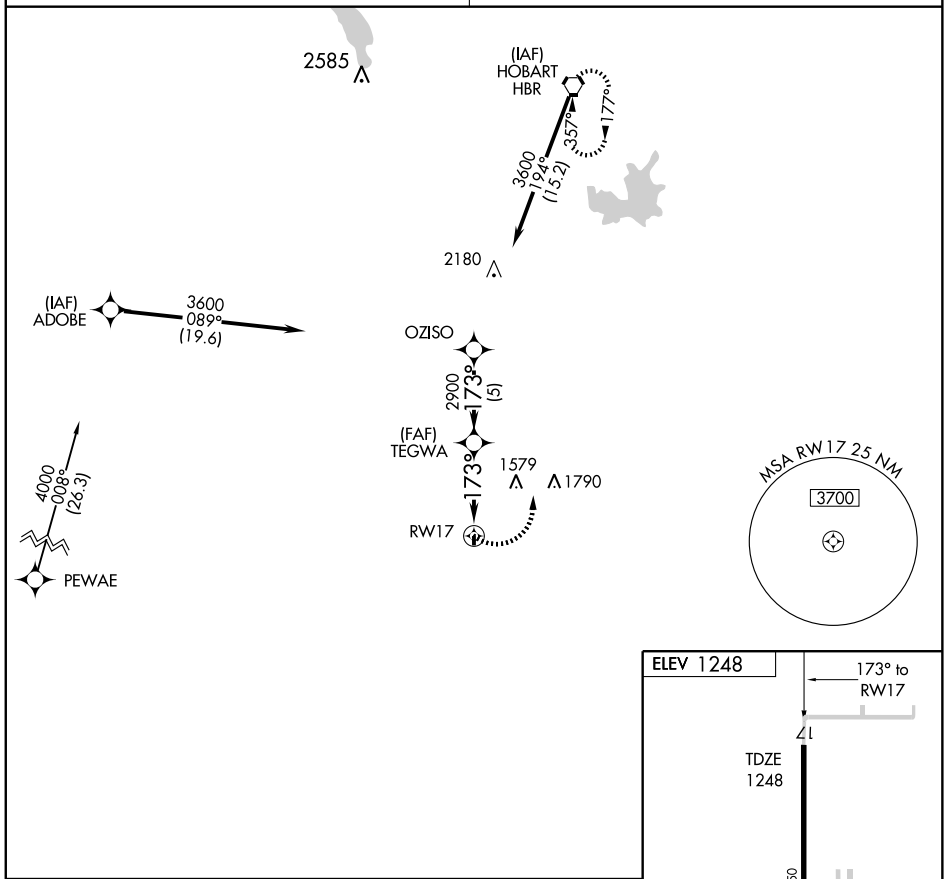
APP CRS	Rwy Idg	3062
173°	TDZE	1248
	Apt Elev	1248

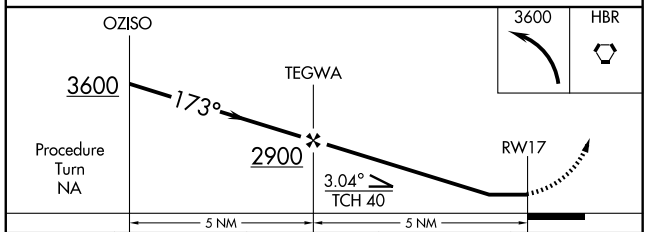
GPS RWY 17
TIPTON MUNI (108)

NA Use Altus AFB altimeter setting.

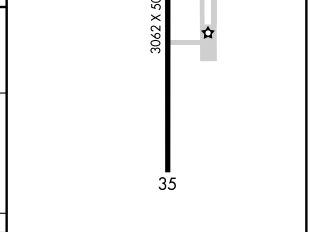
MISSED APPROACH: Climbing left turn to 3600 direct HBR VORTAC and hold.

ALTUS APP CON★	CTAF
125.1 257.725	122.9





CATEGORY	A	B	C	D
S-17	1760-1	512 (600-1)	NA	
CIRCLING	1780-1	532 (600-1)	NA	



MIRL Rwy 17-35

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC HBR	APP CRS	Rwy Idg	3062
111.8	183°	TDZE	1248
Chan 55		Apt Elev	1248

VOR/DME RWY 17

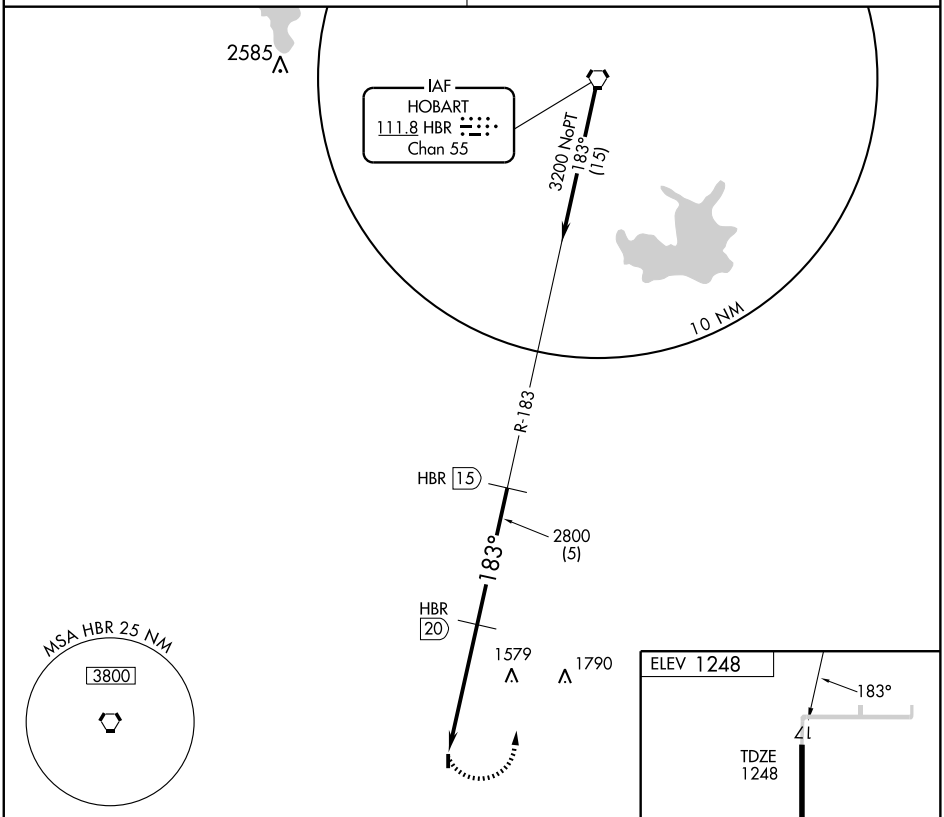
TIPTON MUNI (108)

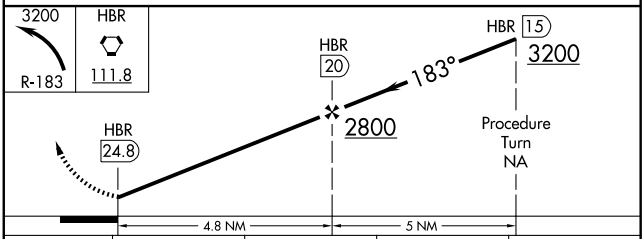
NA Use Altus AFB, OK altimeter setting.

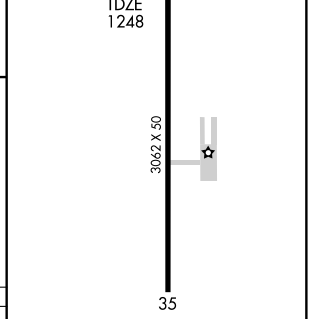
MISSED APPROACH: Climbing left turn to 3200 to HBR VORTAC via R-183.

ALTUS APP CON ★
125.1 257.725

CTAF
122.9







MIRL Rwy 17-35

CATEGORY	A	B	C	D
S-17	2000-1 752 (800-1)	2000-1¼ 752 (800-1¼)	NA	
CIRCLING	2000-1 752 (800-1)	2000-1¼ 752 (800-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

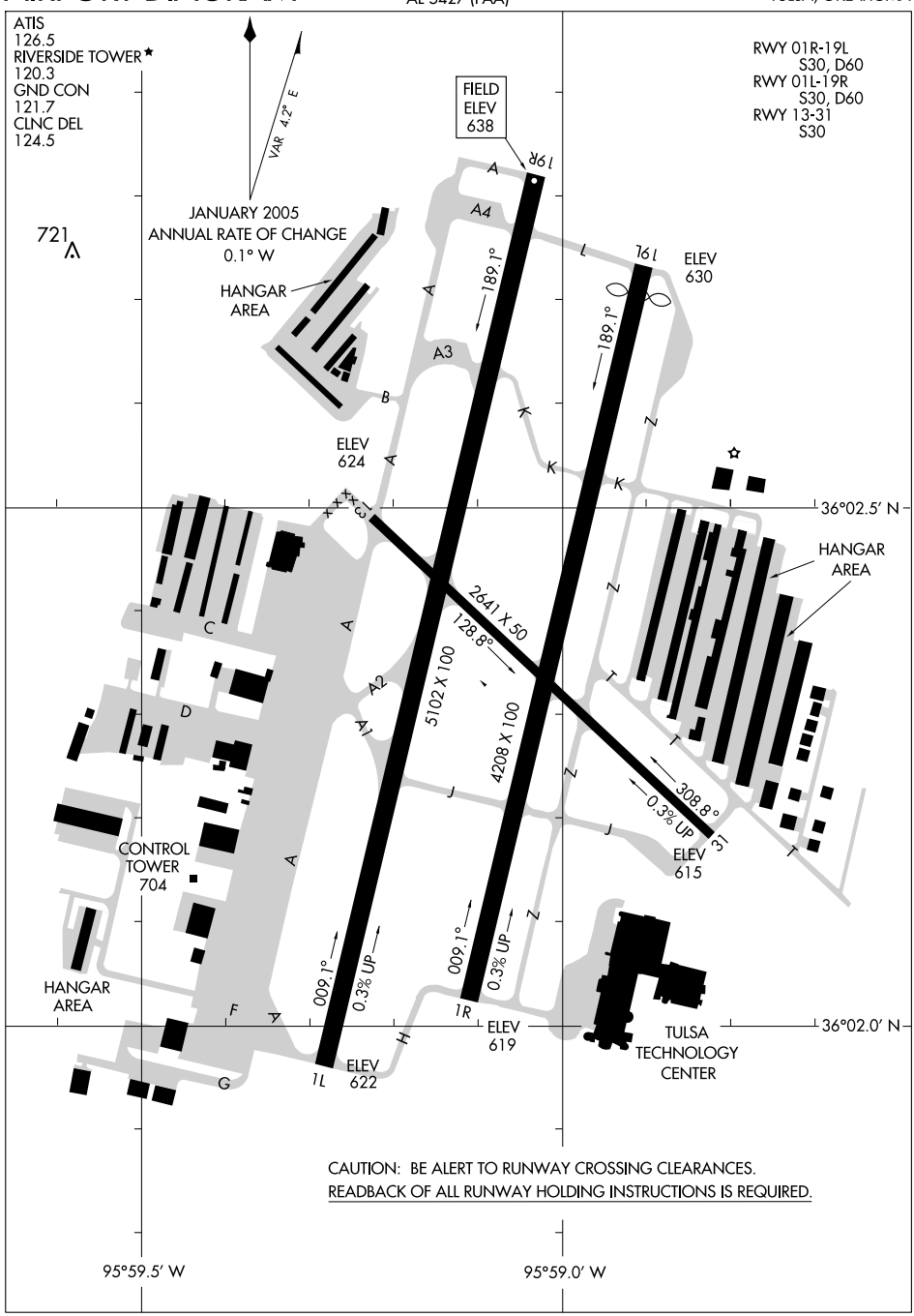
SC-1, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

AL-5427 (FAA)

TULSA/ RICHARD LLOYD JONES JR. (RVS)
TULSA, OKLAHOMA



SC-1, 17 DEC 2009 to 14 JAN 2010

LOC I-RVS	APP CRS	Rwy 1L ldg	5102	Rwy 1R ldg	4208
109.95	007°	TDZE	626	TDZE	624
		Apt Elev	638	Apt Elev	638

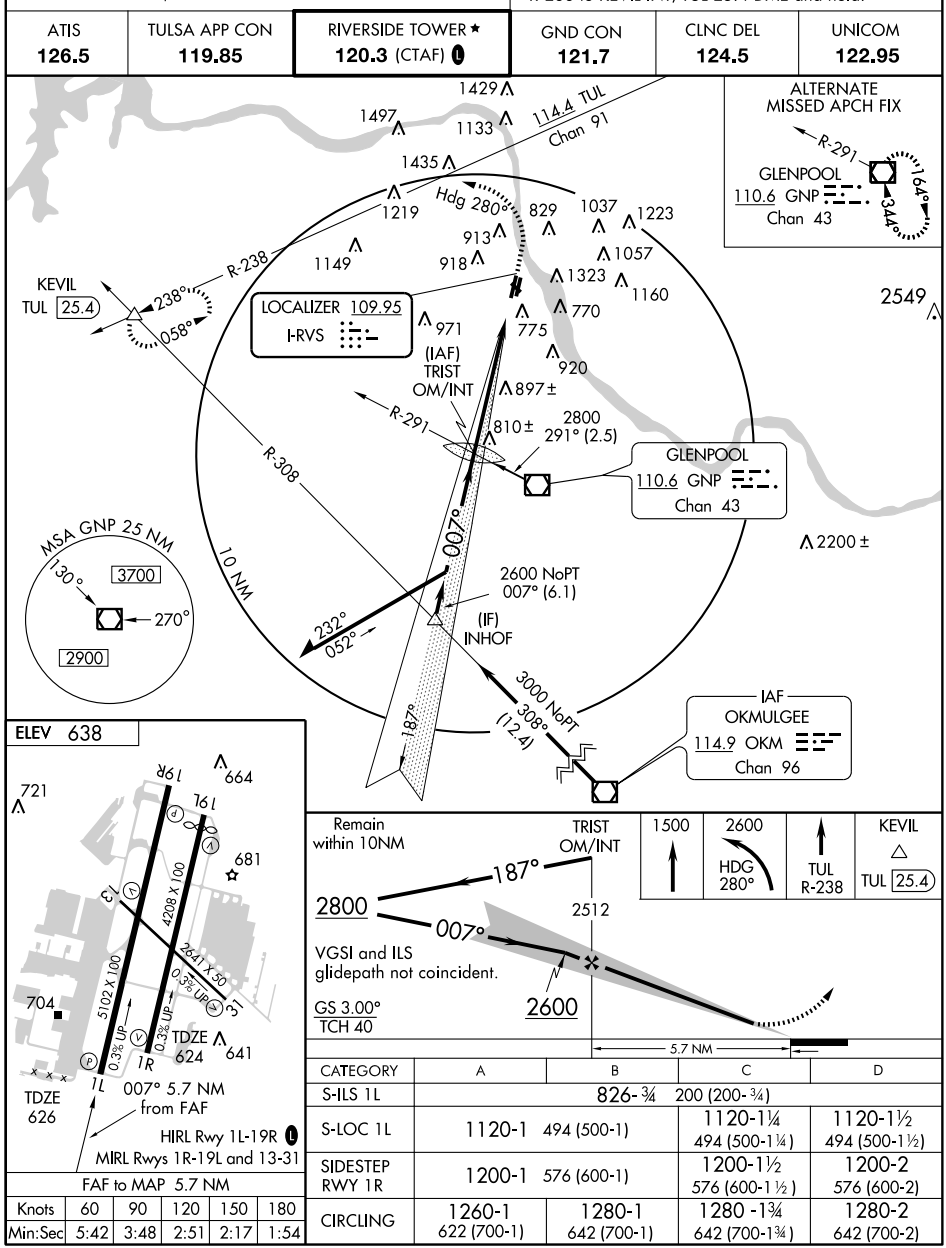
ILS or LOC RWY 1L

TULSA/ RICHARD LLOYD JONES JR. (RVS)

Circling NA northeast of Rwys 31 and 19L. If local altimeter setting not received, use Tulsa Intl altimeter setting: increase DA to 856 feet; increase all MDAs 40 feet.

MISSED APPROACH: Climb to 1500 then climbing left turn to 2600 via heading 280° and TUL VORTAC R-238 to KEVIL INT/TUL 25.4 DME and hold.

ATIS	TULSA APP CON	RIVERSIDE TOWER ★	GND CON	CLNC DEL	UNICOM
126.5	119.85	120.3 (CTAF) L	121.7	124.5	122.95



FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D
S-ILS 1L	826-¾ 200 (200-¾)			
S-LOC 1L	1120-1 494 (500-1)		1120-1¼ 494 (500-1¼)	1120-1½ 494 (500-1½)
SIDESTEP RWY 1R	1200-1 576 (600-1)		1200-1½ 576 (600-1½)	1200-2 576 (600-2)
CIRCLING	1260-1 622 (700-1)	1280-1 642 (700-1)	1280 -1¾ 642 (700-1¾)	1280-2 642 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97321 W01A	APP CRS 007°	Rwy Idg 5102 TDZE 626 Apt Elev 638

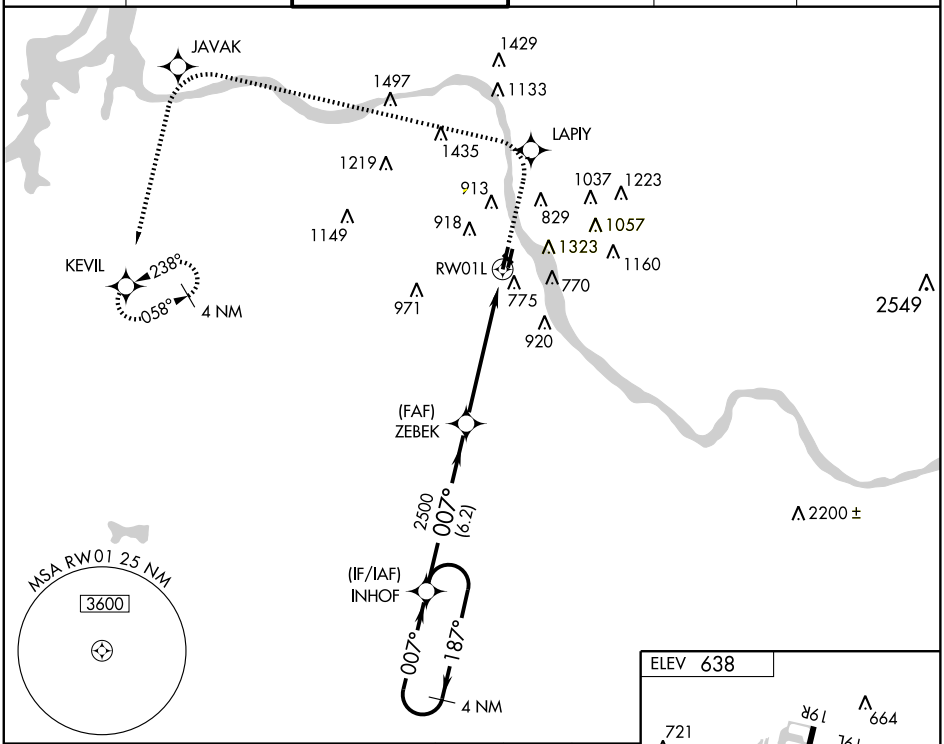
RNAV (GPS) RWY 1L

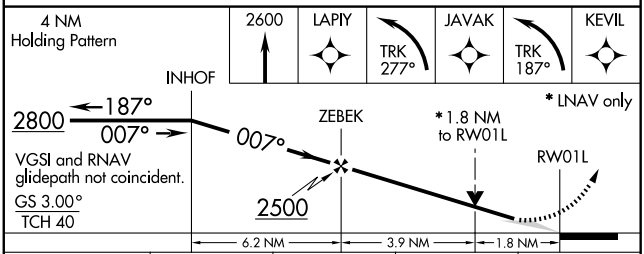
TULSA/RICHARD LLOYD JONES JR. (RVS)

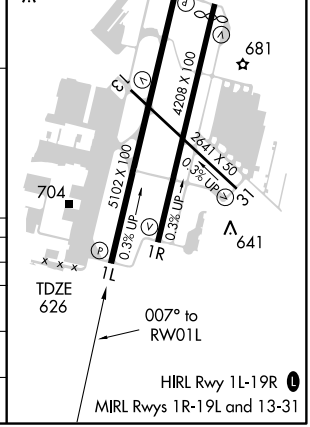
DME/DME RNP-0.3 NA. VDP NA when using Tulsa Intl altimeter setting. If local altimeter setting not received, use Tulsa Intl altimeter setting and increase all DAs/MDAs 40 feet. Circling NA northeast of runways 31 and 19L.

MISSED APPROACH: Climb to 2600 direct LAPIY, then left turn via 277° track to JAVAK, then left turn via 187° track to KEVIL and hold.

ATIS	TULSA APP CON	RIVERSIDE TOWER *	GND CON	CLNC DEL	UNICOM
126.5	119.85	120.3 (CTAF) L	121.7	124.5	122.95

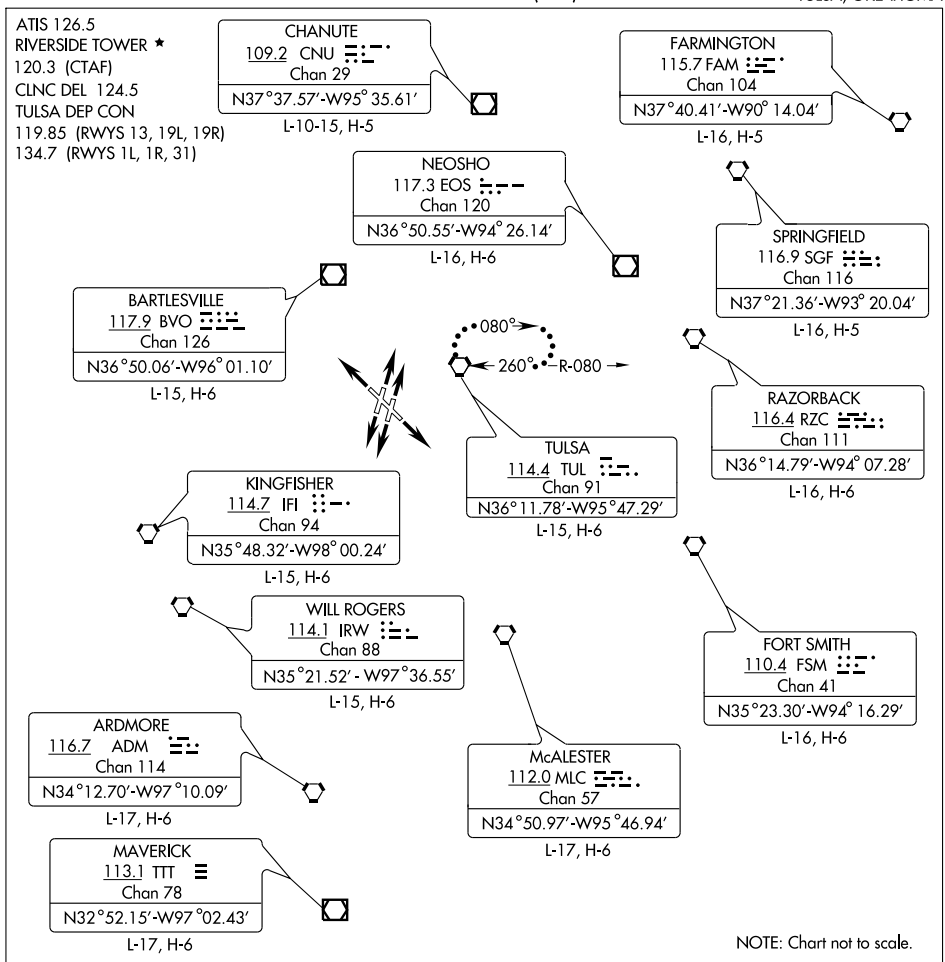






CATEGORY	A	B	C	D
LPV DA	930-1 304 (300-1)			
LNAV/VNAV DA	NA			
LNAV MDA	1220-1 594 (600-1)		1220-1½ 594 (600-1½)	1220-1¾ 594 (600-1¾)
CIRCLING	1260-1 622 (700-1)	1280-1 642 (700-1)	1280-1¾ 642 (700-1¾)	1280-2 642 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010



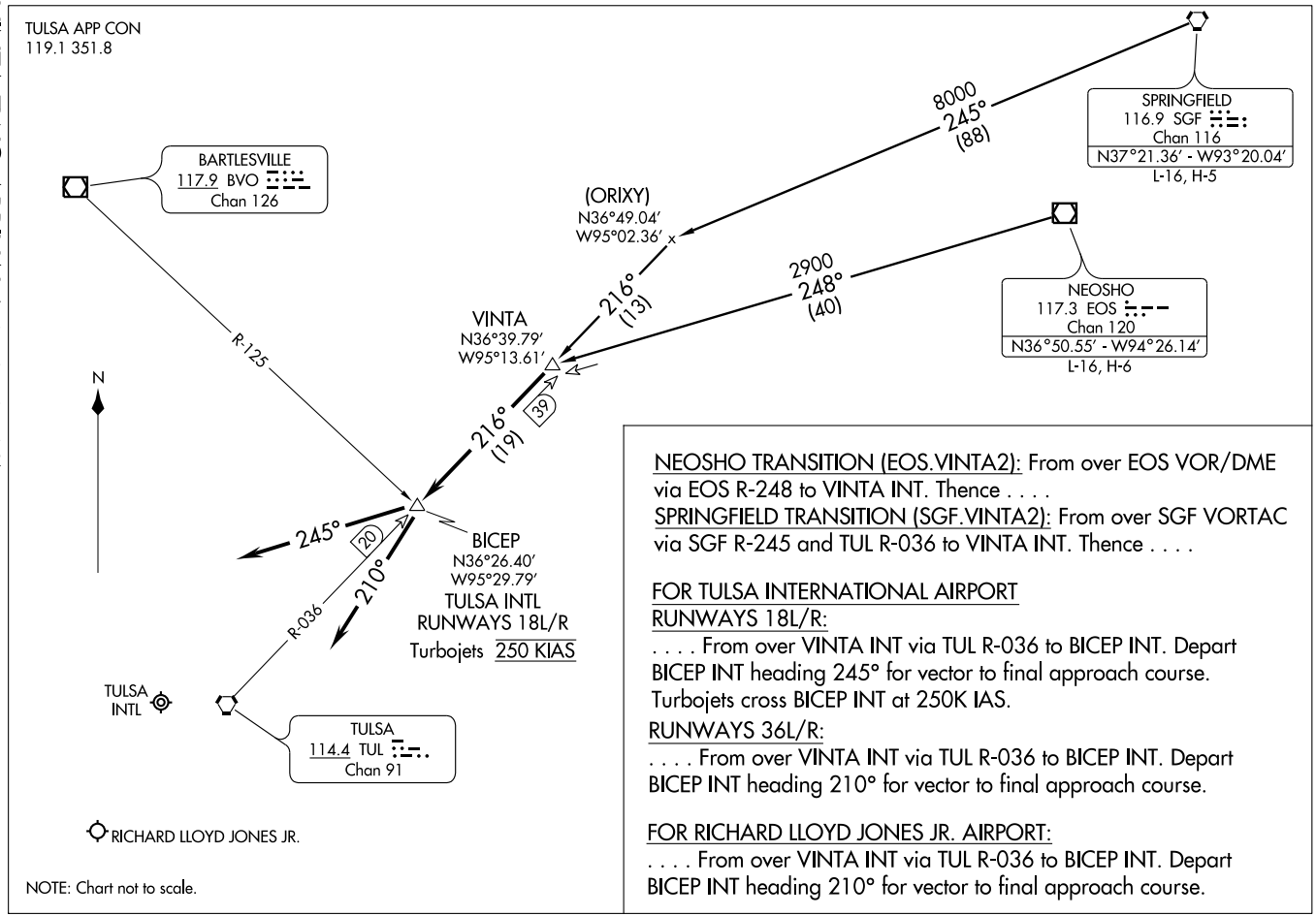
DEPARTURE ROUTE DESCRIPTION

Fly runway heading, expect vector to assigned route. Maintain 15,000 feet or assigned lower altitude; expect further clearance to filed altitude ten minutes after departure.

LOST COMMUNICATIONS: Proceed to and hold East of TUL VORTAC on the 080 radial. Climb to 15,000 or lower requested altitude, then proceed on course via filed route. Climb to requested altitude when established on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

VINTA TWO ARRIVAL (VINTA.VINTA2)



NOTE: Chart not to scale.

NEOSHO TRANSITION (EOS.VINTA2): From over EOS VOR/DME via EOS R-248 to VINTA INT. Thence . . . .

SPRINGFIELD TRANSITION (SGF.VINTA2): From over SGF VORTAC via SGF R-245 and TUL R-036 to VINTA INT. Thence . . . .

FOR TULSA INTERNATIONAL AIRPORT

RUNWAYS 18L/R:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 245° for vector to final approach course. Turbojets cross BICEP INT at 250K IAS.

RUNWAYS 36L/R:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 210° for vector to final approach course.

FOR RICHARD LLOYD JONES JR. AIRPORT:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 210° for vector to final approach course.

VORTAC TUL	APP CRS	Rwy Idg	NA
114.4	037°	TDZE	NA
Chan 91		Apt Elev	638

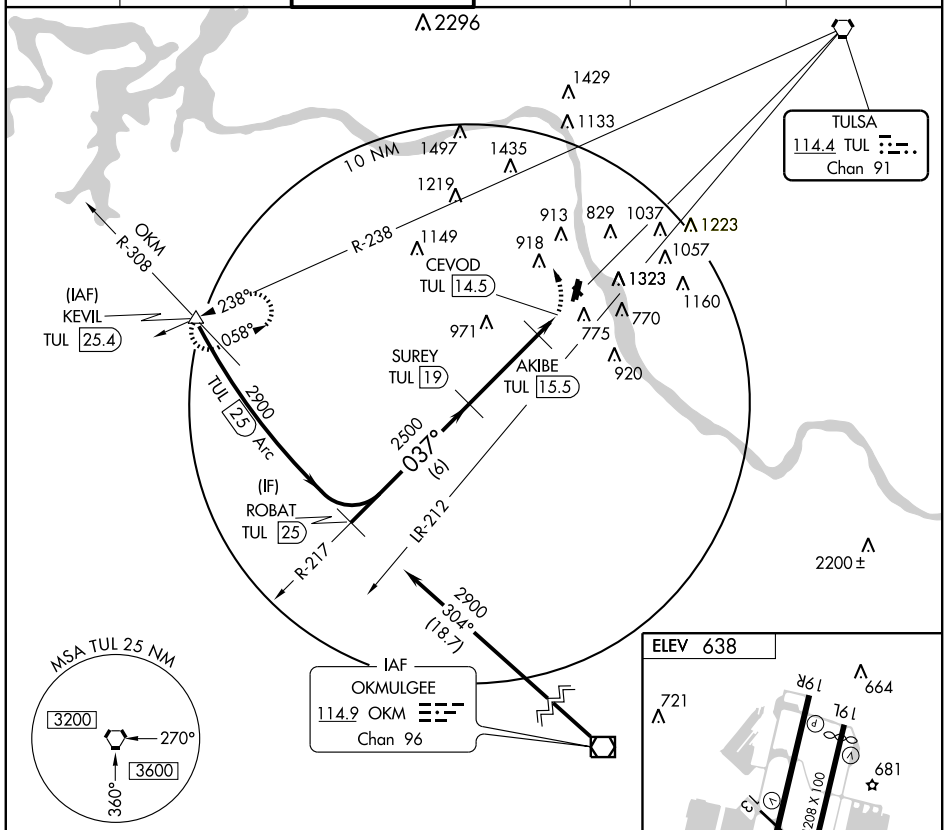
VOR/DME-A

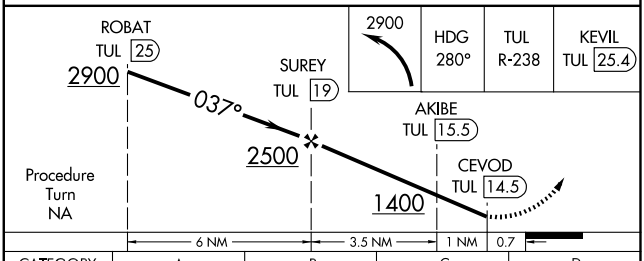
TULSA/RICHARD LLOYD JONES JR. (RVS)

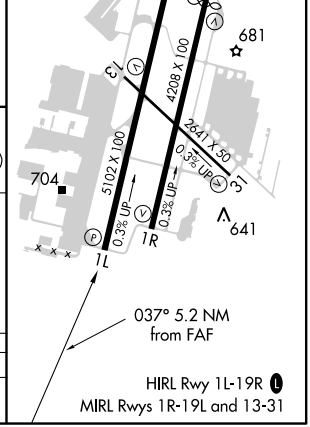
When local altimeter setting not received, use Tulsa Intl altimeter setting and increase MDA 40 feet; increase Cat C/D visibilities ¼ mile. Circling NA northeast of Rwys 31 and 19L.

MISSED APPROACH: Climbing left turn to 2900 via heading 280° and TUL R-238 to KEVIL Int/TUL 25.4 DME and hold.

ATIS	TULSA APP CON	RIVERSIDE TOWER★	GND CON	CLNC DEL	UNICOM
126.5	119.85	120.3 (CTAF) L	121.7	124.5	122.95







CATEGORY	A	B	C	D
CIRCLING	1260-1 622 (700-1)	1280-1 642 (700-1)	1280-1¾ 642 (700-1¾)	1280-2 642 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

VOR/DME GNP	APP CRS	Rwy Idg	5102
110.6 Chan 43	344°	TDZE	626
		Apt Elev	638

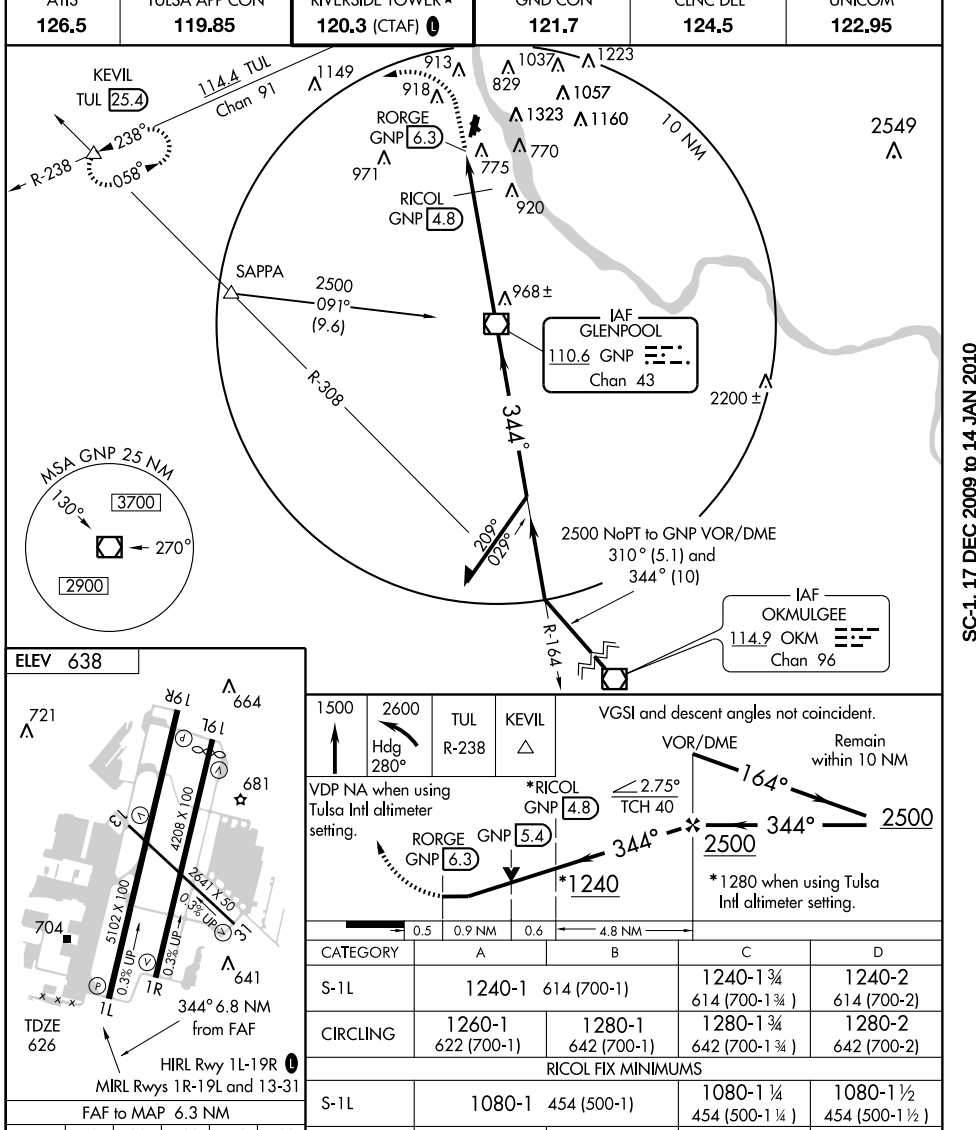
VOR RWY 1L

TULSA/ RICHARD LLOYD JONES JR. (RVS)

Circling not authorized northeast of Rwys 31 and 19L. If local altimeter setting not received; use Tulsa Intl altimeter setting and increase all MDAs 40 ft.

MISSED APPROACH: Climb to 1500 then climbing left turn to 2600 via heading 280° and TUL VORTAC R-238 to KEVIL Int and hold.

ATIS	TULSA APP CON	RIVERSIDE TOWER★	GND CON	CLNC DEL	UNICOM
126.5	119.85	120.3 (CTAF)	121.7	124.5	122.95



FAF to MAP 6.3 NM					
Knots	60	90	120	150	180
Min:Sec	6:18	4:12	3:09	2:31	2:06

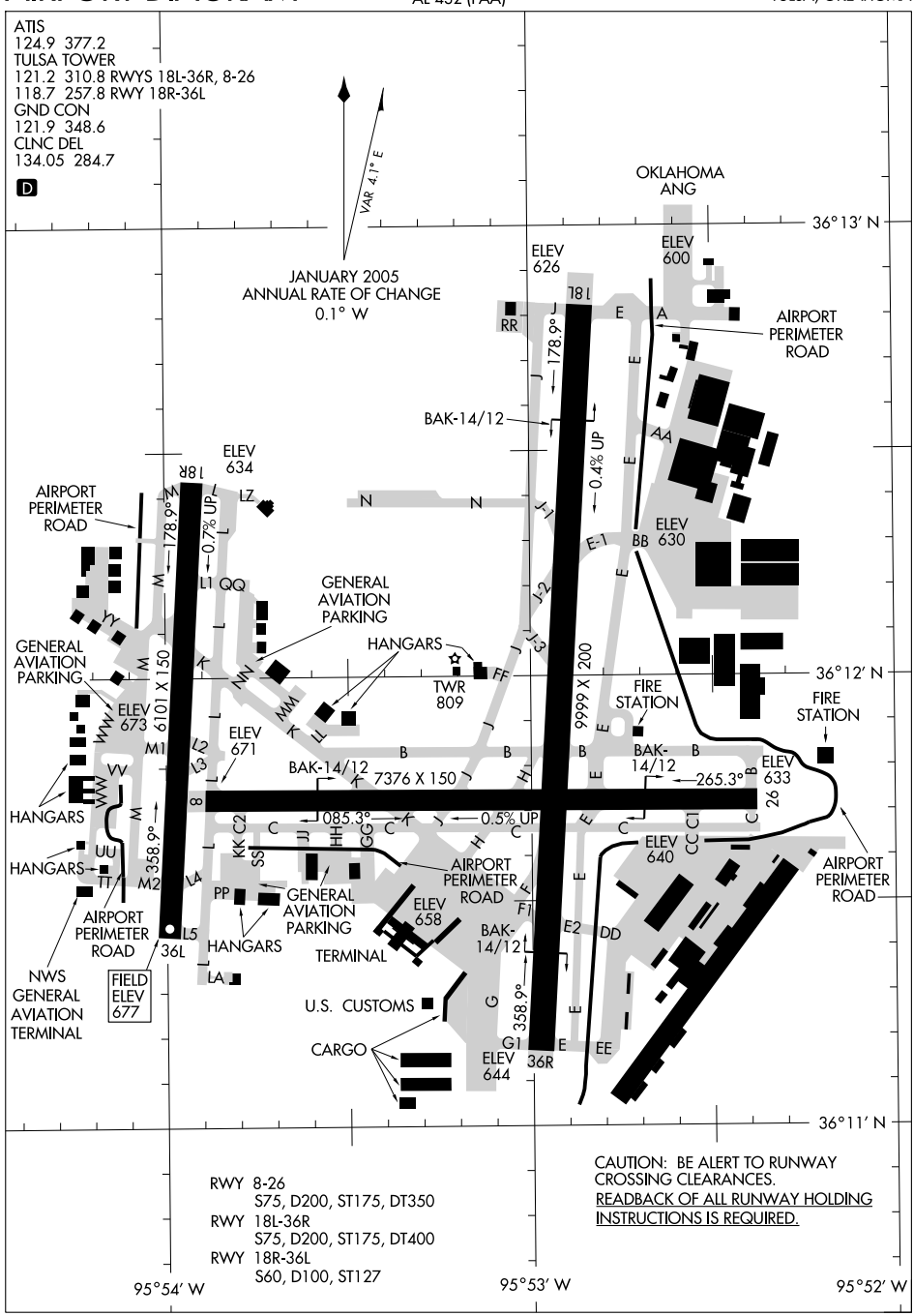
CATEGORY	A	B	C	D
S-1L	1240-1 614 (700-1)		1240-1¾ 614 (700-1¾)	1240-2 614 (700-2)
CIRCLING	1260-1 622 (700-1)	1280-1 642 (700-1)	1280-1¾ 642 (700-1¾)	1280-2 642 (700-2)
RICOL FIX MINIMUMS				
S-1L	1080-1 454 (500-1)		1080-1¼ 454 (500-1¼)	1080-1½ 454 (500-1½)
CIRCLING	1260-1 622 (700-1)	1280-1 642 (700-1)	1280-1¾ 642 (700-1¾)	1280-2 642 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-432 (FAA)

TULSA INTL (TUL)
TULSA, OKLAHOMA



RWY 8-26
S75, D200, ST175, DT350
RWY 18L-36R
S75, D200, ST175, DT400
RWY 18R-36L
S60, D100, ST127

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-1, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 26

VORTAC TUL	APCH CRS	Rwy ldg	7376
114.4	262°	TDZE	651
Chan 91		Arpt Elev	677

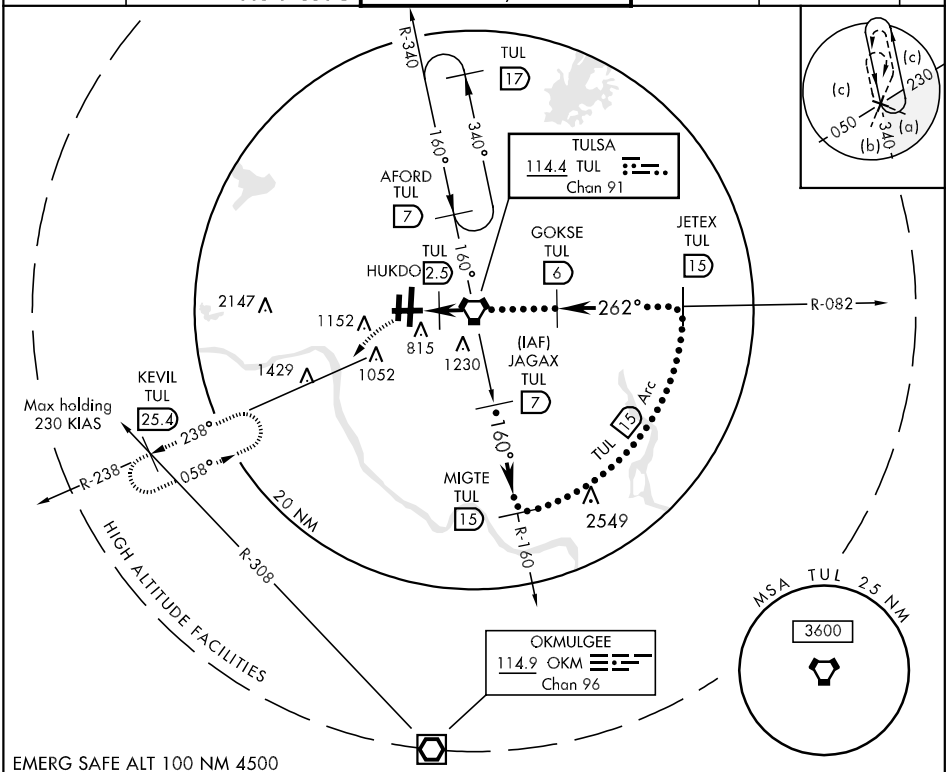
JAL-432 [USAF]

TULSA INTL (KTUL)

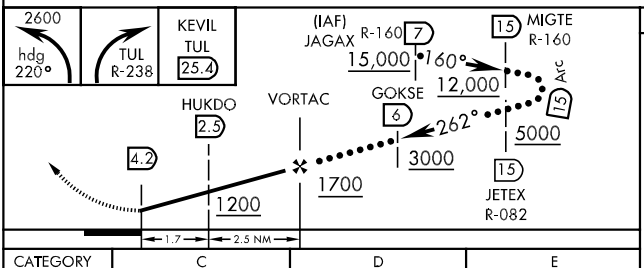
* CAT E circling not authorized S of Rwy 08-26.

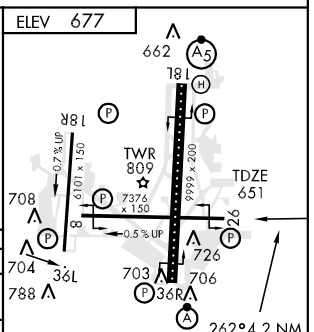
MISSED APPROACH: Climbing left turn to 2600 via heading 220° and TUL R-238 to KEVIL INT/TUL 25.4 DME and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL	ASR
124.9 377.2	175°- 354° 124.0 338.3 355°- 174° 119.1 351.8	121.2 310.8 Rwys 18L-36R, 8-26 118.7 257.8 Rwy 18R-36L	121.9 348.6	134.05 284.7	



EMERG SAFE ALT 100 NM 4500





CATEGORY	C	D	E
S-26	1060-1¼ 409 (400-1¼)		1060-1½ 409 (400-1½)
CIRCLING *	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)
S-ASR 26	1060-1¼ 409 (400-1¼)		1060-1½ 409 (400-1½)

MIRL Rwy 8-26
REIL Rwy 8, 18R, 26, 36L
TDZL/CL Rwy 36R
HIRL Rwy 18L-36R, 18R-36L

LOC/DME I-DWE	APP CRS	Rwy Idg	9999
109.7	177°	TDZE	641
Chan 34		Apt Elev	677

ILS or LOC RWY 18L

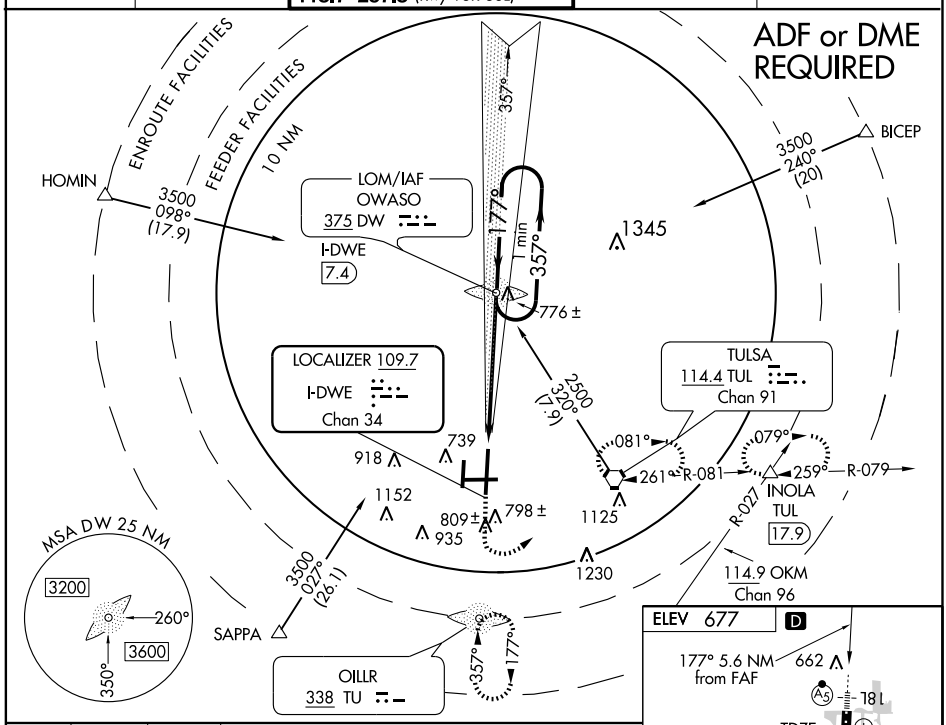
TULSA INTL (TUL)

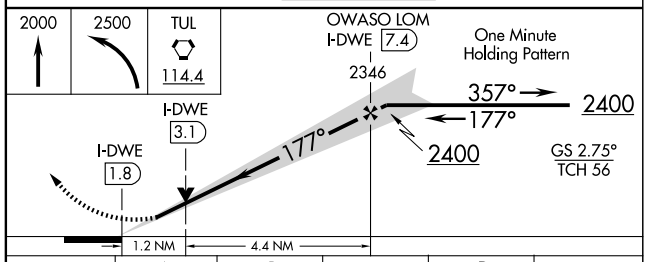
Circling NA for Cat. E south of runway 8-26.
Autopilot coupled approach NA below 1288.
ASR For inoperative MALSR, increase S-LOC 18L Cat. E visibility to 1½ mile and, increase S-ILS 18L Cat. E visibility to RVR 4000.

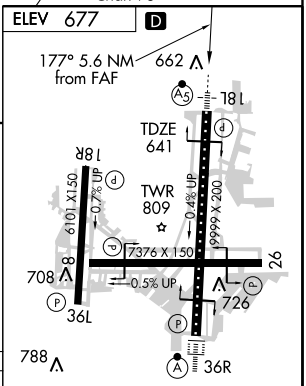
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 2500 direct TUL VORTAC and hold. (TACAN aircraft climb to 1800 then climbing left turn to 3500 via TUL VORTAC R-079 to INOLA INT/17.9 DME and hold E, RT, 259° inbound.)

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7







CATEGORY	A	B	C	D	E
S-ILS 18L	841/24 200 (200-½)				
S-LOC 18L	1040/24 399 (400-½)			1040/40 399 (400-¾)	1040/50 399 (400-1)
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-1, 17 DEC 2009 to 14 JAN 2010

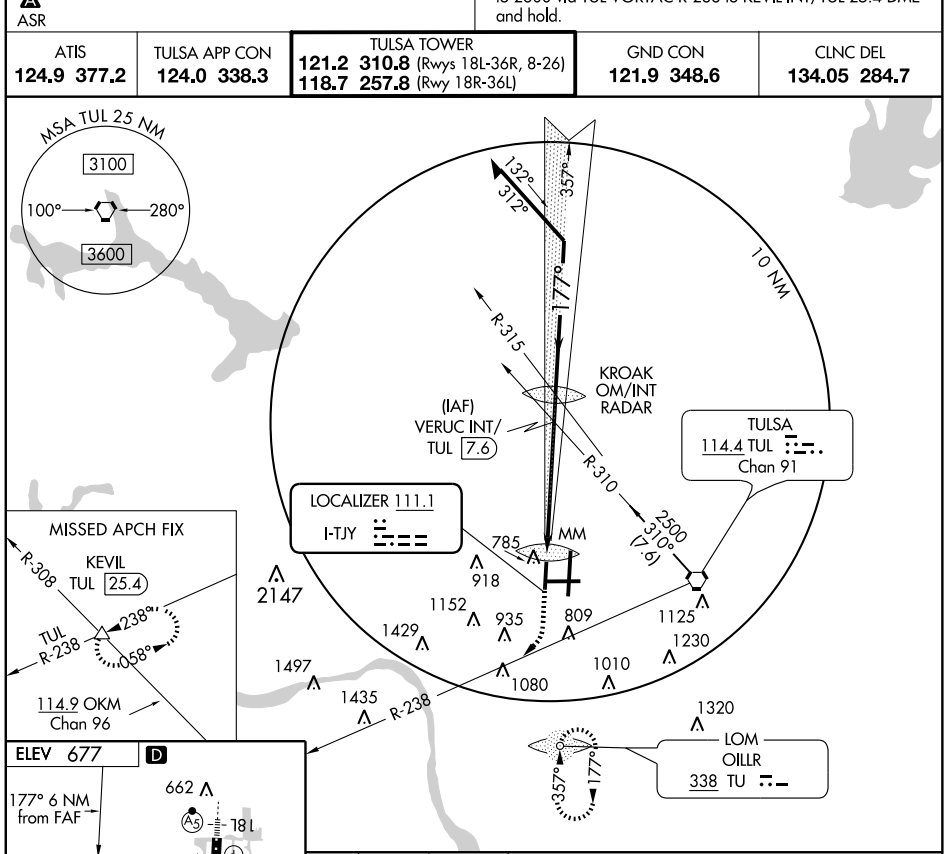
LOC I-TJY	APP CRS	Rwy Idg	6101
111.1	177°	TDZE	667
		Apt Elev	677

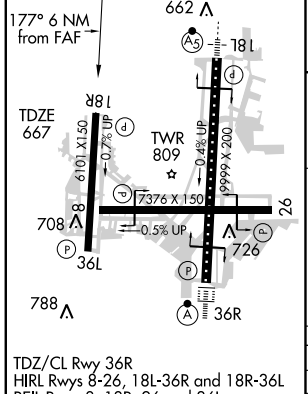
ILS or LOC RWY 18R
TULSA INTL (TUL)

ASR

MISSED APPROACH: Climb to 1400 then climbing right turn to 2600 via TUL VORTAC R-238 to KEVIL INT/TUL 25.4 DME and hold.

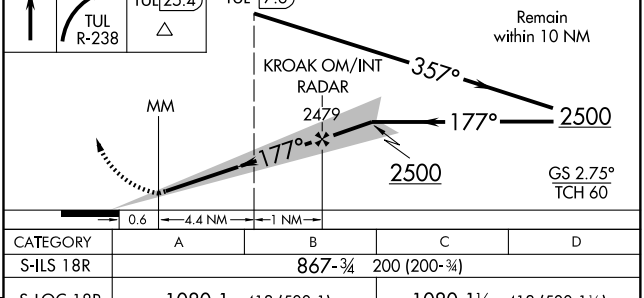
ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7





TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

FAF to MAP	6 NM				
Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00



CATEGORY	A	B	C	D
S-ILS 18R	867-¾ 200 (200-¾)			
S-LOC 18R	1080-1 413 (500-1)		1080-1¼ 413 (500-1¼)	
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TUL	APP CRS	Rwy Idg	9999
110.3	357°	TDZE	650
Chan 40		Apt Elev	677

ILS or LOC RWY 36R

TULSA INTL (TUL)

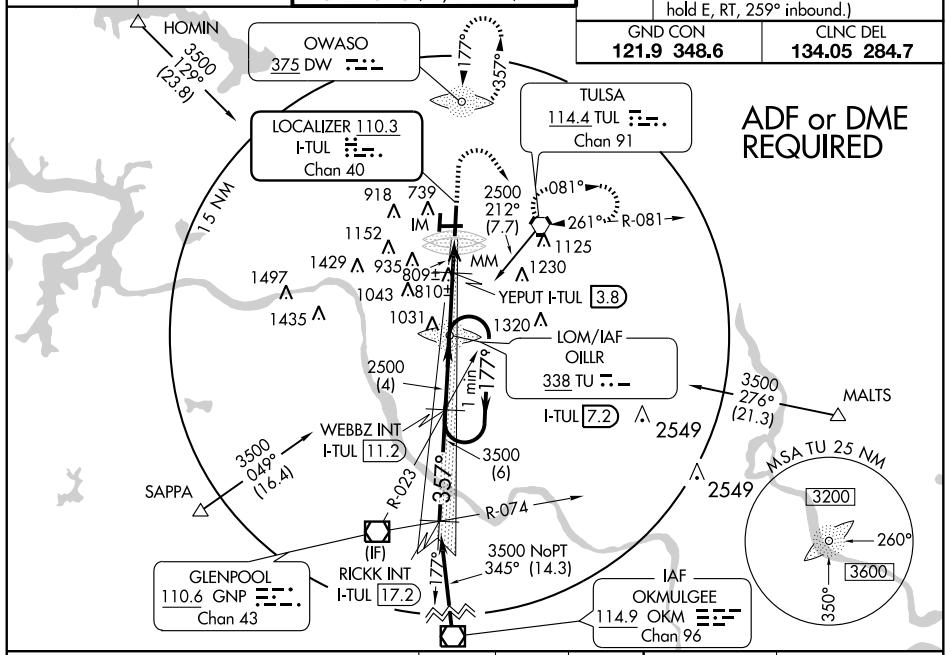
For inoperative ALSF, increase S-ILS 36R Cat E visibility to RVR 4000, and increase S-LOC 36R Cat E visibility to 2¼ mile. YEPUT fix minimums: For inoperative ALSF, increase S-LOC 36R Cat E visibility to 1½ mile.

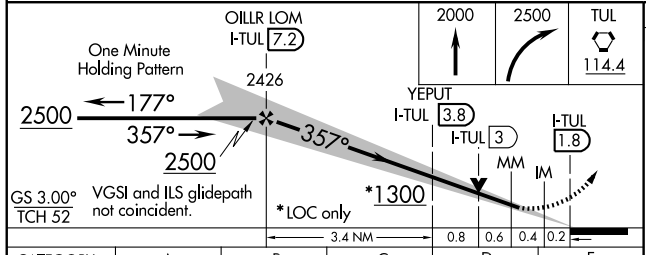
ASR

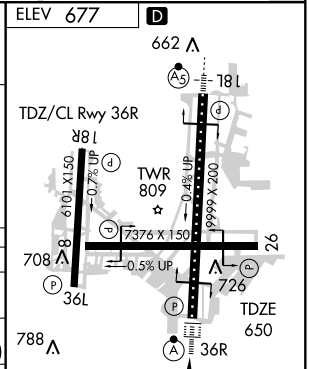
ALSF-2

MISSED APPROACH: Climb to 2000 then climbing right turn to 2500 direct TUL VORTAC and hold. (TACAN aircraft climb to 2000 then climbing right turn to 3500 via TUL VORTAC R-079 to INOLA INT/ 17.9 DME and hold E, RT, 259° inbound.)

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7







CATEGORY	A	B	C	D	E
S-ILS 36R	850/18 200 (200-½)				850/24 200 (200-½)
S-LOC 36R	1300/24 650 (700-½)		1300/60 650 (700-1¼)	1300-1½ 650 (700-1½)	1300-1¾ 650 (700-1¾)
CIRCLING	1300-1 623 (700-1)		1300-1¾ 623 (700-1¾)	1300-2 623 (700-2)	NA
YEPUT FIX MINIMUMS					
S-LOC 36R	1060/24 410 (400-½)		1060/40 410 (400-¾)		1060/50 410 (400-1)
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	NA

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-1, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TUL	APP CRS	Rwy Idg	9999
110.3 Chan40	357°	TDZE	650
		Apt Elev	677

ILS RWY 36R (CAT II)

TULSA INTL (TUL)

For inoperative ALSF, increase S-ILS 36R Cat E visibility to RVR 4000, and increase S-LOC 36R Cat E visibility to 2¼ mile. YEPUT fix minimums: For ASR inoperative ALSF, increase S-LOC 36R Cat E visibility to 1½ mile.

ALSF-2

MISSED APPROACH: Climb to 2000 then climbing right turn to 2500 direct TUL VORTAC and hold. (TACAN aircraft climb to 2000 then climbing right turn to 3500 via TUL VORTAC R-079 to INOLA INT/ 17.9 DME and hold E, RT, 259° inbound.)

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7

ADF or DME REQUIRED

HOMIN
3500
129°
(23.8)

OWASO
375 DW

LOCALIZER 110.3
I-TUL
Chan 40

TULSA
114.4 TUL
Chan 91

15 NM

177°
357°

081°
261°
R-081

IM
MM

2500
212°
(7.7)

1125

YEPUT I-TUL 3.8

LOM/IAF
OILLR
338 TU

I-TUL 7.2

2549

3500
276°
(21.3)
MALTS

1 min
177°

2500
(4)

WEBBZ INT
I-TUL 11.2

3500
049°
(16.4)
SAPPA

3500
(6)

R-023
357°
R-074

MSA TU 25 NM
3200
260°
3600
350°

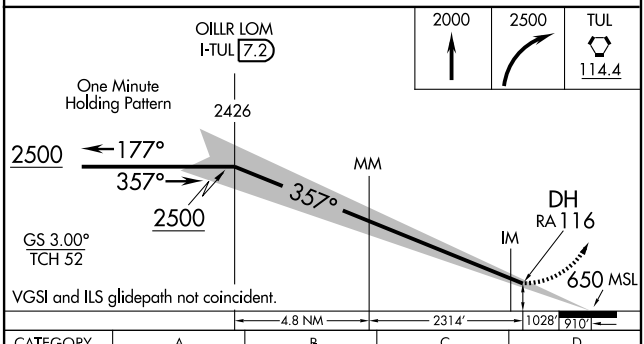
(IF)
RICKK INT
I-TUL 17.2

3500 NoPT
345° (14.3)

GLENPOOL
110.6 GNP
Chan 43

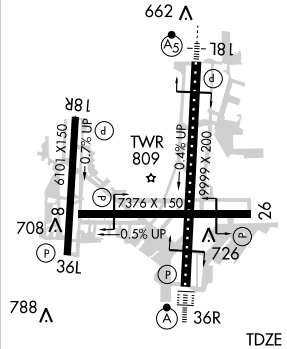
IAF
OKMULGEE
114.9 OKM
Chan 96

ELEV 677 D



CATEGORY	A	B	C	D
S-ILS 36R	RA 116/12 100 DA 750			

CATEGORY II ILS-SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7376
083°	TDZE	671
	Apt Elev	677

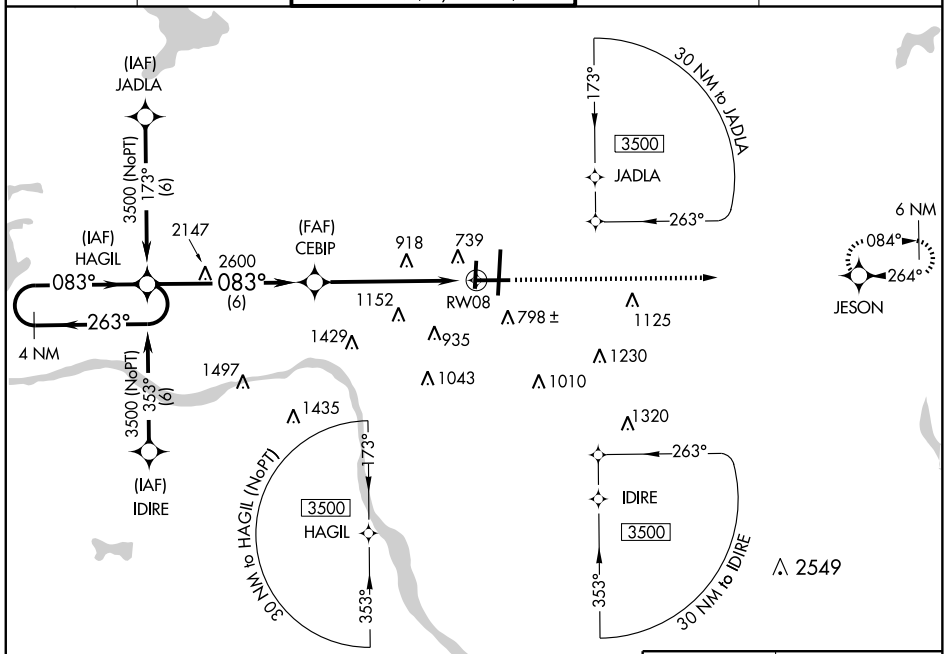
RNAV (GPS) RWY 8

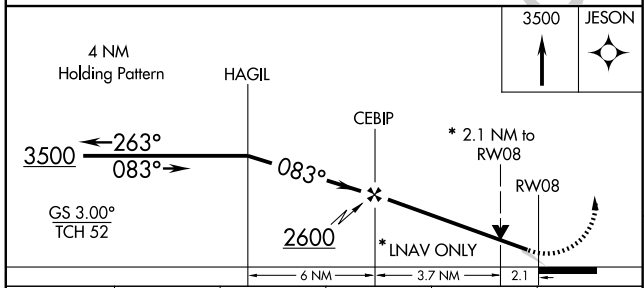
TULSA INTL (TUL)

Cat. E circling not authorized south of Rwy 8-26.
NA Baro-VNAV NA BELOW -16°C (3°F).
ASR DME/DME RNP-0.3 NA.

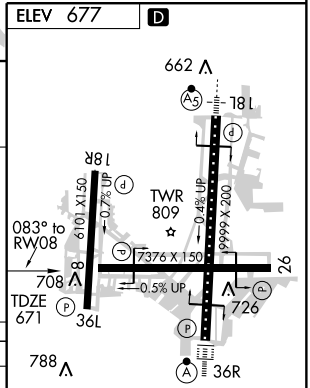
MISSED APPROACH: Climb to 3500 direct JESON and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7





CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	1061-1¼ 390 (400-1¼)				
LNAV MDA	1380-1 709 (800-1)		1380-2 709 (800-2)	1380-2¼ 709 (800-2¼)	1380-2½ 709 (800-2½)
CIRCLING	1380-1 703 (800-1)		1380-2 703 (800-2)	1380-2¼ 703 (800-2¼)	1380-2½ 703 (800-2½)



TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9999
CH 93504	177°	TDZE	641
W18A		Apt Elev	677

RNAV (GPS) RWY 18L
TULSA INTL (TUL)

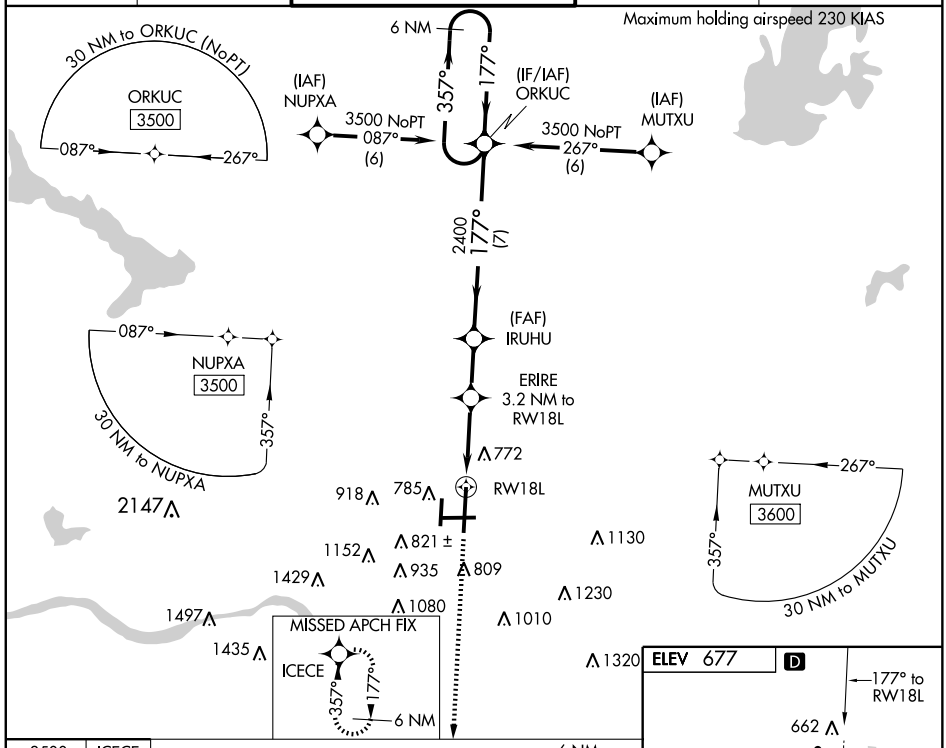
ASR: Circling NA for Cat E south of Rwy 8-26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV all Cats visibility ½ mile, LNAV/VNAV Cat E visibility to 1¾, and LNAV Cat E visibility to 1½.

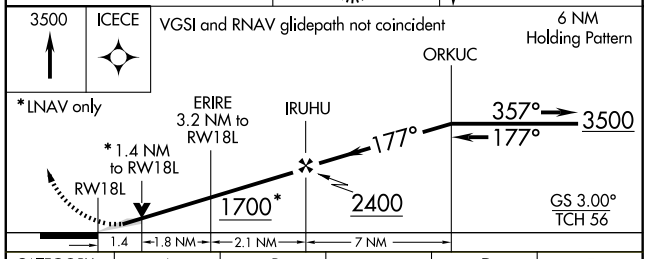
MALSR

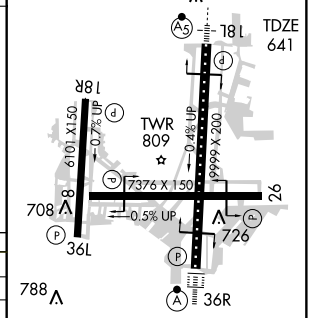
MISSED APPROACH: Climb to 3500 direct ICECE and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7

Maximum holding airspeed 230 KIAS







CATEGORY	A	B	C	D	E
LPV DA	908/24 267 (300-½)				
LNAV/VNAV DA	1117/60 476 (500-1¼)				
LNAV MDA	1080/24 439 (500-½)		1080/40 439 (500-¾)	1080/50 439 (500-1)	
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 69614 W18B	APP CRS 177°	Rwy Idg 6101 TDZE 667 Apt Elev 677

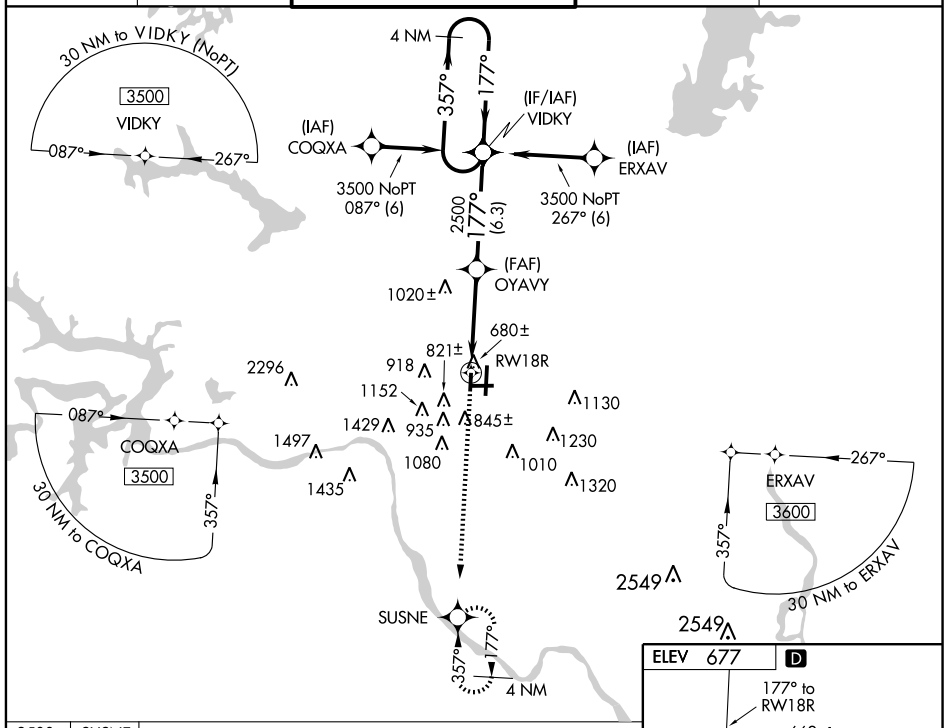
RNAV (GPS) RWY 18R
TULSA INTL (TUL)

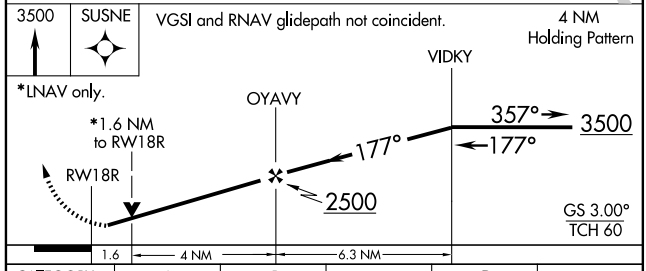
ASR

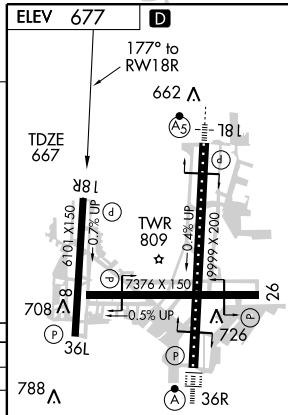
Circling NA for Cat E south of Rwy 8-26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3500 direct SUSNE and hold

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7







CATEGORY	A	B	C	D	E
LPV DA	867-¾ 200 (200-¾)				
LNAV/VNAV DA	978-1¼ 311 (400-1¼)				
LNAV MDA	1160-1 493 (500-1)		1160-1¼ 493 (500-1¼)	1160-1½ 493 (500-1½)	1160-1¾ 493 (500-1¾)
CIRCLING	1160-1 483 (500-1)		1160-1½ 483 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93814 W26A	APP CRS 263°	Rwy Idg 7376 TDZE 651 Apt Elev 677

RNAV (GPS) RWY 26

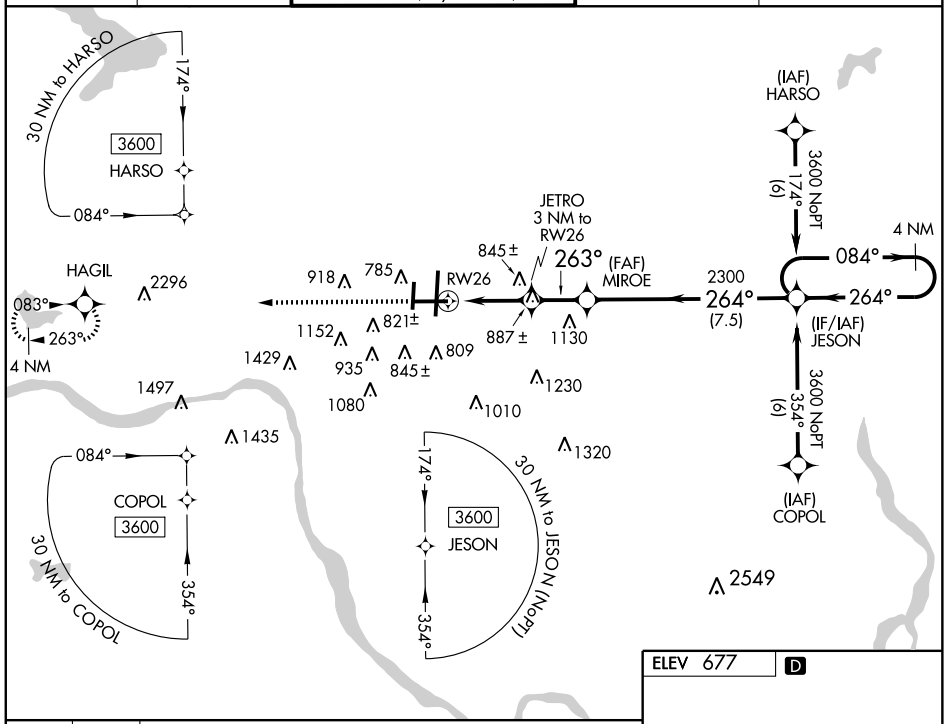
TULSA INTL (TUL)

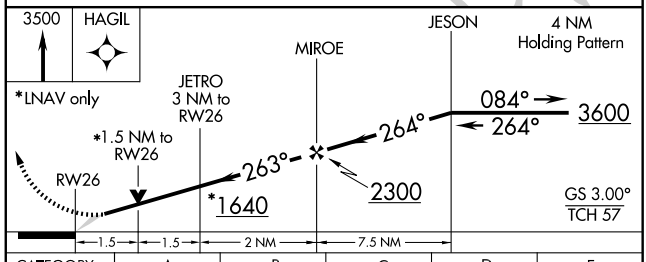
ASR

Circling NA for Cat E south of Rwy 8-26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

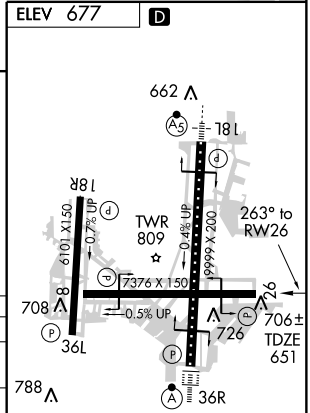
MISSED APPROACH: Climb to 3500 direct HAGIL and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7





CATEGORY	A	B	C	D	E
LPV DA	901-1 250 (300-1)				
LNAV/VNAV DA	1028-1¼ 377 (500-1¼)				
LNAV MDA	1160-1 509 (500-1)		1160-1½ 509 (500-1½)		1160-1¾ 509 (500-1¾)
CIRCLING	1160-1 483 (500-1)		1160-1½ 483 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)



TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6101
357°	TDZE	677
	Apt Elev	677

RNAV (GPS) RWY 36L

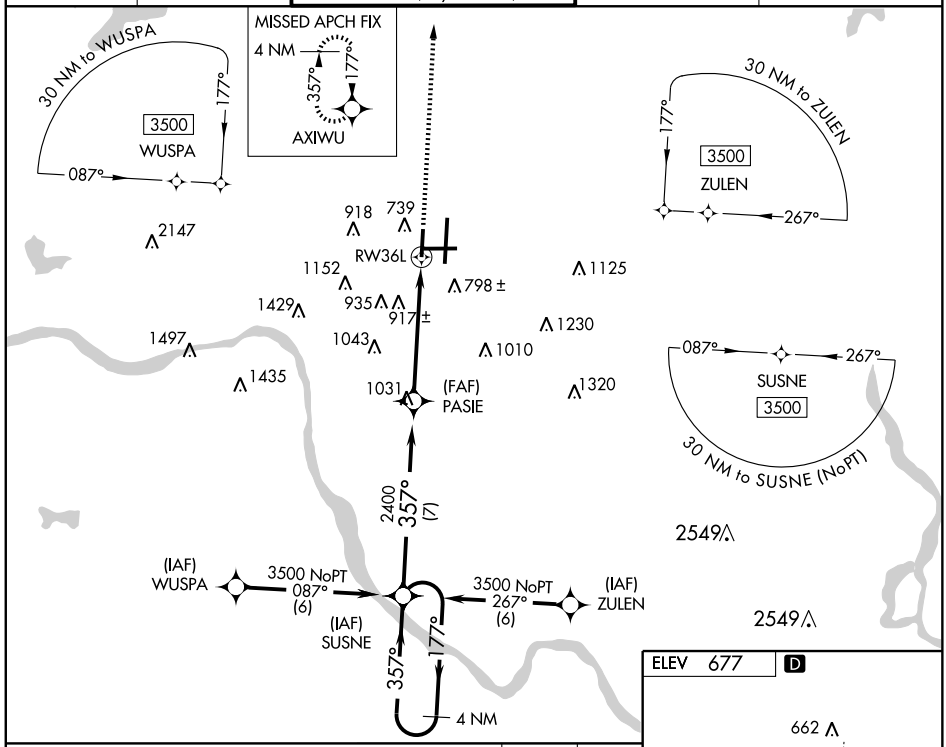
TULSA INTL (TUL)

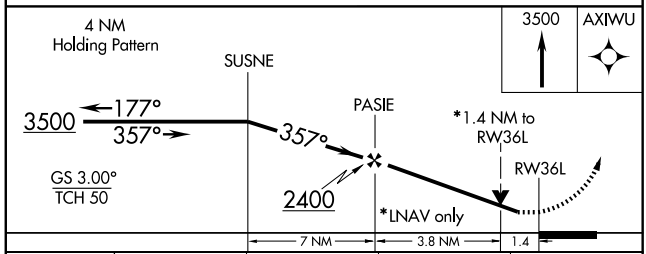
ASR

Cat. E circling not authorized south of Rwy 8-26.
Baro-VNAV NA BELOW -16°C (3°F).
DME/DME RNP-0.3 NA.

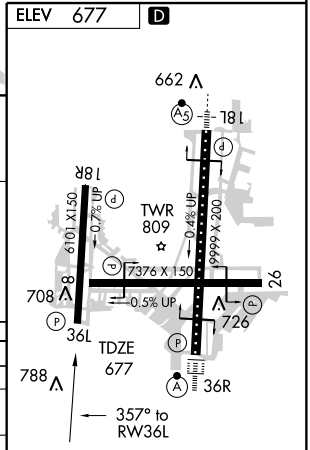
MISSED APPROACH: Climb to 3500 direct AXIWU and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	1104-1½ 427 (500-1½)			
LNAV MDA	1180-1 503 (600-1)		1180-1½ 503 (600-1½)	
CIRCLING	1180-1 503 (600-1)		1180-1½ 503 (600-1½)	1300-2 623 (700-2)



TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82214 W36A	APP CRS 357°	Rwy Idg 9999 TDZE 650 Apt Elev 677

RNAV (GPS) RWY 36R

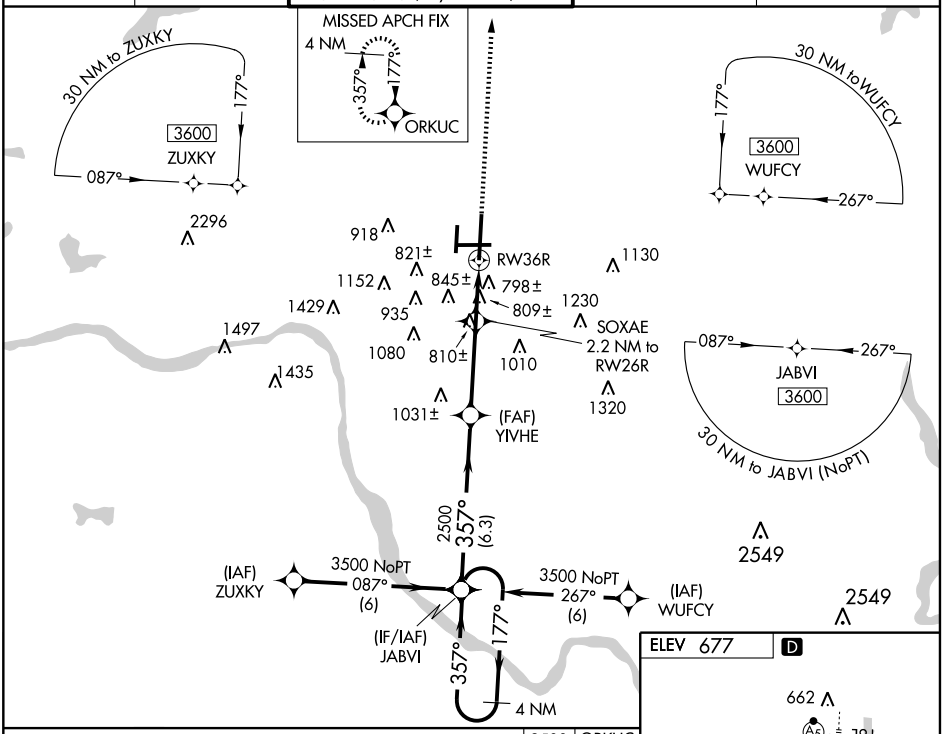
TULSA INTL (TUL)

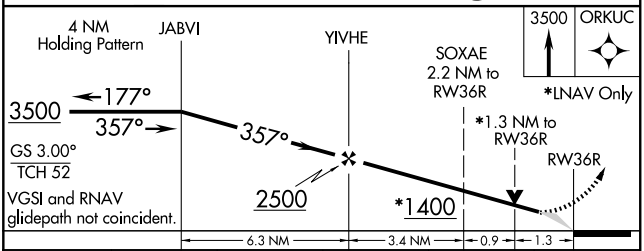
ASR — Circling NA for Cat E south of runway 8-26. For uncompensated Baro-VNAV system, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP -0.3 NA. For inoperative ALSF increase LPV Cat E visibility ¼ mile, LNAV/VNAV Cat E and LNAV Cat E visibility ½ mile.

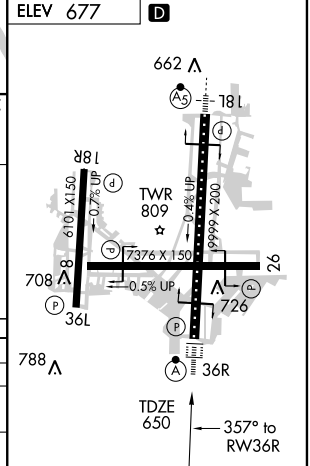
ALSF-2

MISSED APPROACH: Climb to 3500 direct ORKUC and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7







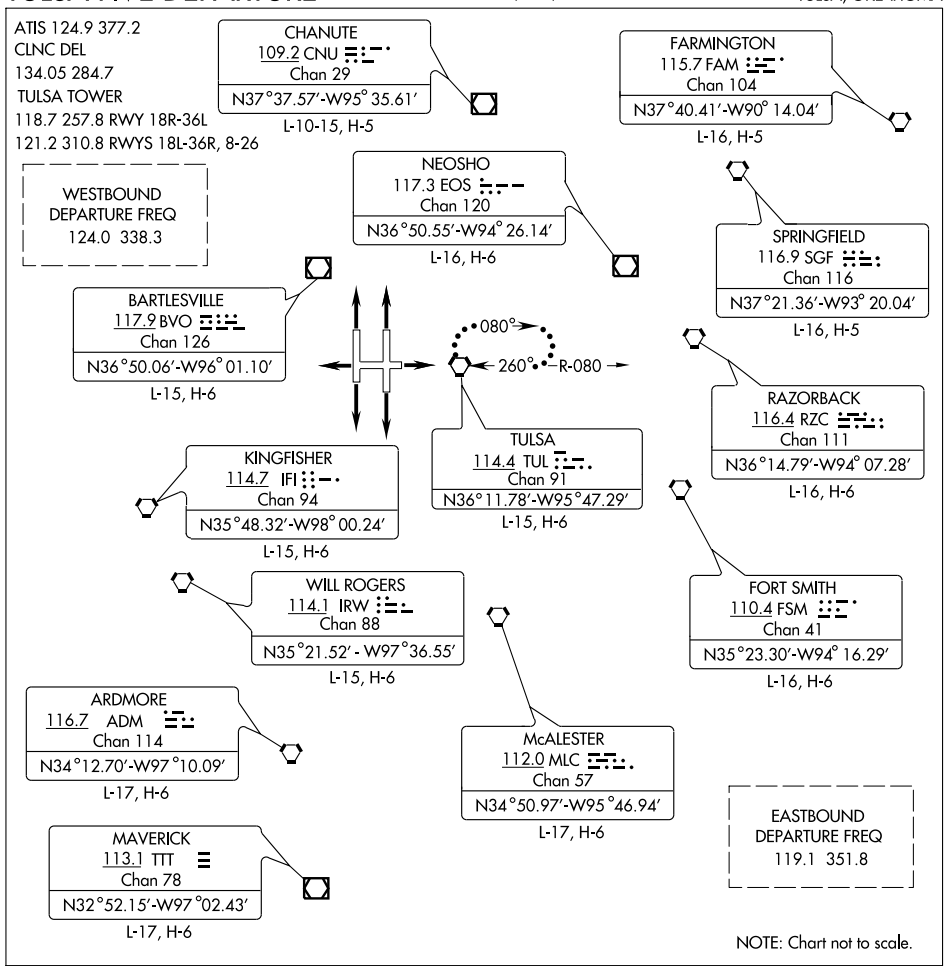
TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

CATEGORY	A	B	C	D	E
LPV DA	850/24 200 (200-½)				
LNAV/VNAV DA	1145/60 495 (500-1¼)				
LNAV MDA	1120/24 470 (500-½)		1120/40 470 (500-¾)	1120/50 470 (500-1)	1120/60 470 (500-1¼)
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

TULSA FIVE DEPARTURE

SL-432 (FAA)



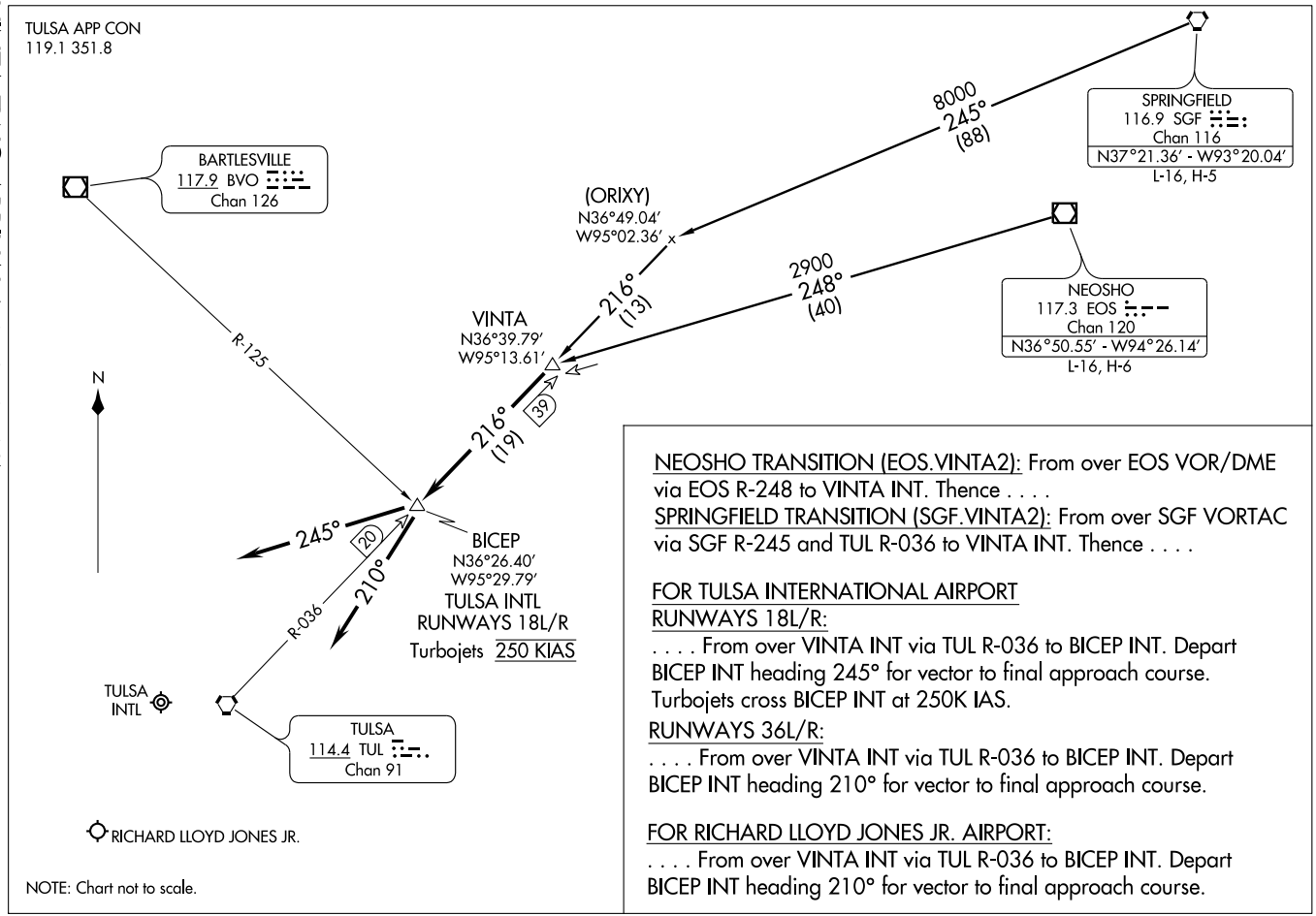
DEPARTURE ROUTE DESCRIPTION

Fly runway heading, expect vector to assigned route. Maintain 15,000 feet or assigned lower altitude; expect further clearance to filed altitude ten minutes after departure.

LOST COMMUNICATIONS: Proceed to and hold East of TUL VORTAC on the 080 radial. Climb to 15,000 or lower requested altitude, then proceed on course via filed route. Climb to requested altitude when established on course.

SC-1, 17 DEC 2009 to 14 JAN 2010

VINTA TWO ARRIVAL (VINTA.VINTA2)



NOTE: Chart not to scale.

NEOSHO TRANSITION (EOS.VINTA2): From over EOS VOR/DME via EOS R-248 to VINTA INT. Thence . . . .

SPRINGFIELD TRANSITION (SGF.VINTA2): From over SGF VORTAC via SGF R-245 and TUL R-036 to VINTA INT. Thence . . . .

FOR TULSA INTERNATIONAL AIRPORT

RUNWAYS 18L/R:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 245° for vector to final approach course. Turbojets cross BICEP INT at 250K IAS.

RUNWAYS 36L/R:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 210° for vector to final approach course.

FOR RICHARD LLOYD JONES JR. AIRPORT:

. . . . From over VINTA INT via TUL R-036 to BICEP INT. Depart BICEP INT heading 210° for vector to final approach course.

VORTAC TUL 114.4 Chan 91	APP CRS 081°	Rwy Idg 7376 TDZE 671 Apt Elev 677

VOR/DME or TACAN RWY 8

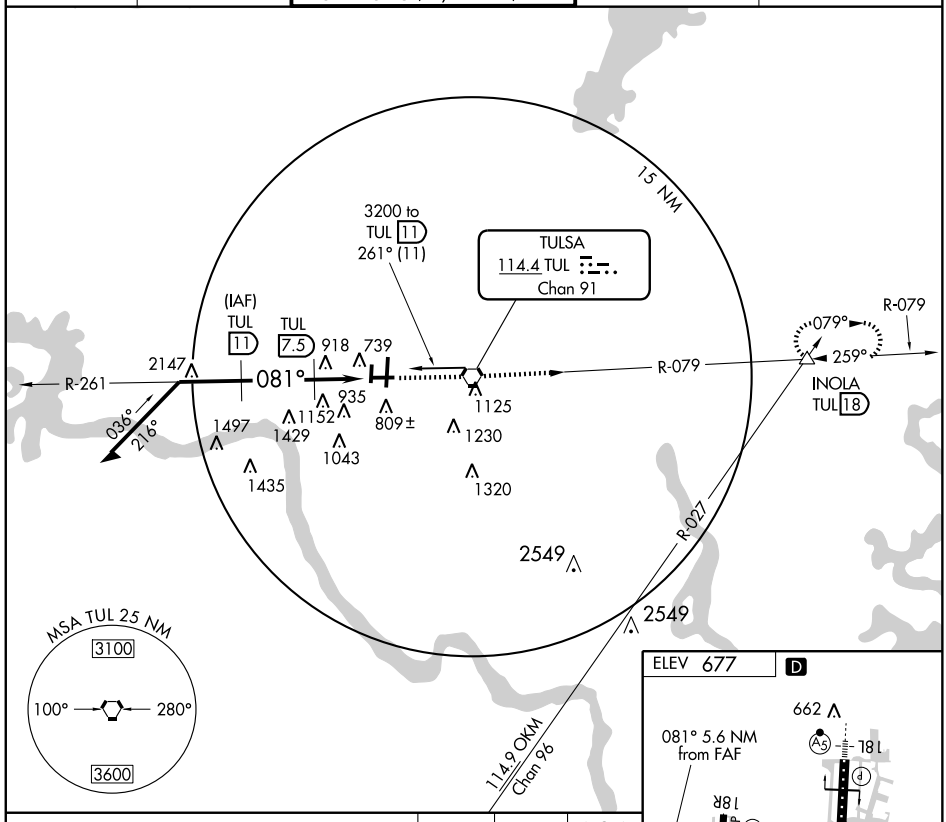
TULSA INTL (TUL)

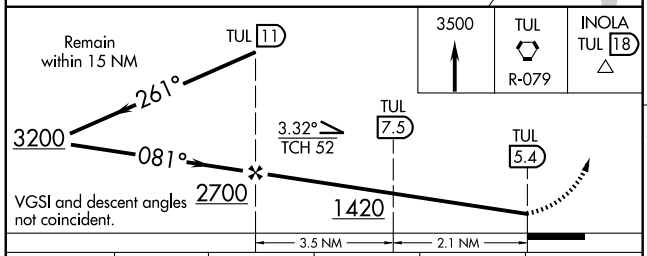
ASR

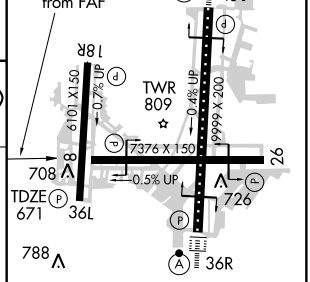
Cat. E circling not authorized south of Rwy 8-26.

MISSED APPROACH: Climb to 3500 direct TUL VORTAC, then via TUL R-079 to INOLA Int and hold.

ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7







CATEGORY	A	B	C	D	E
S-8	1080-1	409 (500-1)	1080-1¼	409 (500-1¼)	1080-1½ 409 (500-1½)
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC TUL 114.4 Chan 91	APP CRS 262°	Rwy Idg 7376 TDZE 651 Apt Elev 677

VOR or TACAN RWY 26

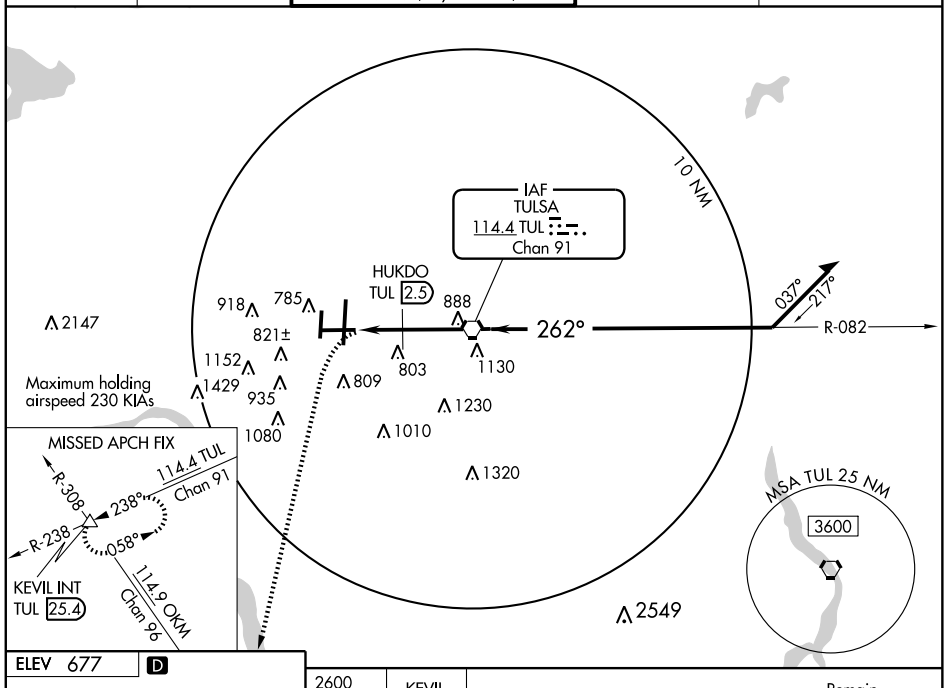
TULSA INTL (TUL)

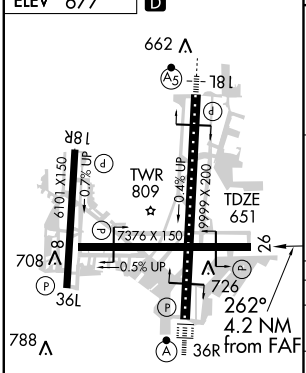
ASR

Circling NA for Cat E south of Rwy 8-26.

MISSED APPROACH: Climbing left turn to 2600 via heading 220° and TUL R-238 to KEVIL Int/TUL 25.4 DME and hold.

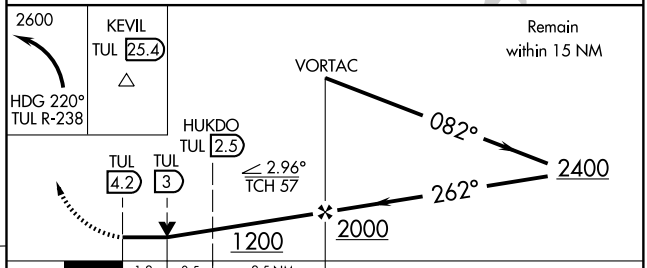
ATIS	TULSA APP CON	TULSA TOWER	GND CON	CLNC DEL
124.9 377.2	124.0 338.3	121.2 310.8 (Rwys 18L-36R, 8-26) 118.7 257.8 (Rwy 18R-36L)	121.9 348.6	134.05 284.7





TDZ/CL Rwy 36R
HIRL Rwys 8-26, 18L-36R and 18R-36L
REIL Rwys 8, 18R, 26 and 36L

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D	E
S-26	1200-1 549 (600-1)		1200-1½ 549 (600-1½)	1200-1¾ 549 (600-1¾)	1200-2 549 (600-2)
CIRCLING	1200-1 523 (600-1)		1200-1½ 523 (600-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)
HUKDO FIX MINIMUMS					
S-26	1060-1 409 (500-1)		1060-1¼ 409 (500-1¼)		1060-1½ 409 (500-1½)
CIRCLING	1120-1 443 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	1300-2 623 (700-2)	1300-2¼ 623 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

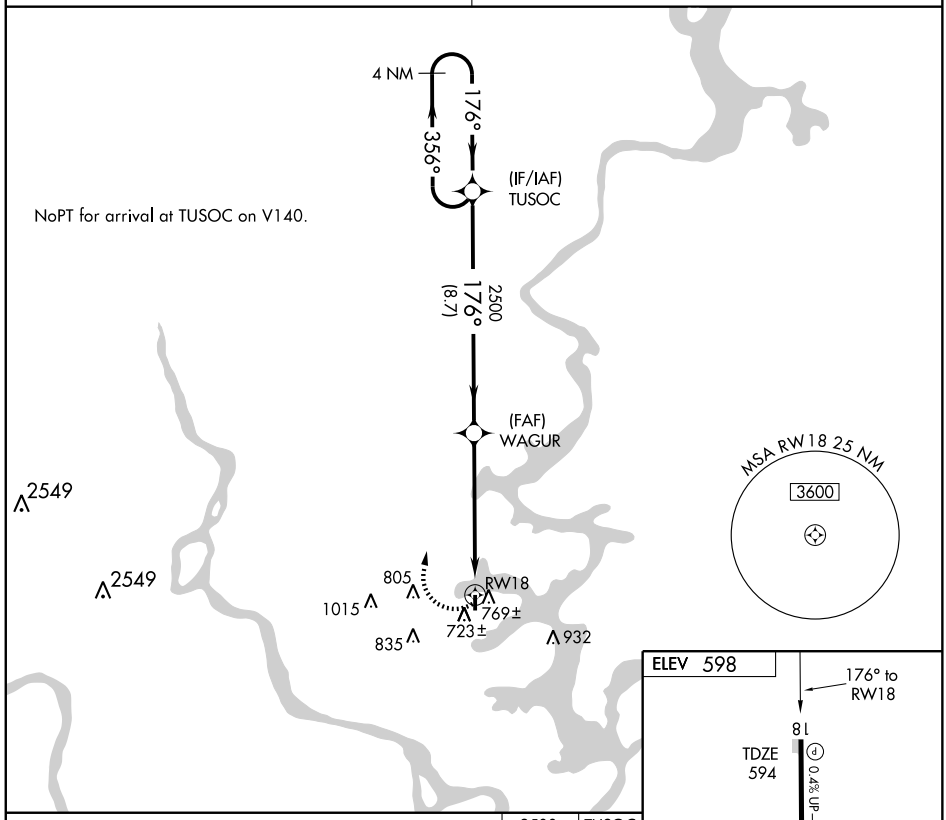
APP CRS	Rwy Idg	3405
176°	TDZE	594
	Apt Elev	598

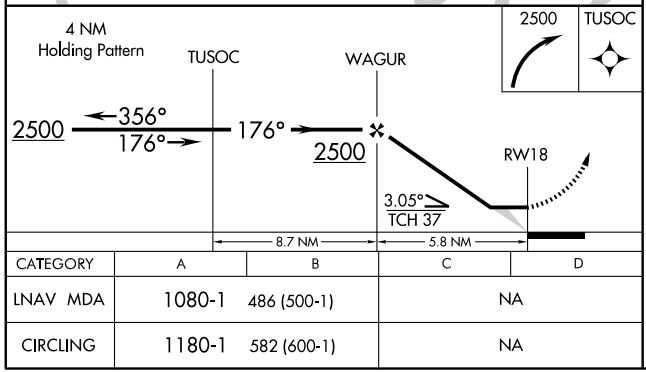
RNAV (GPS) RWY 18
WAGONER/HEFNER-EASLEY (H68)

T
NA Use Muskogee altimeter setting; when not received, use Tahlequah altimeter setting and increase all MDAs 40 feet. Procedure NA at night. DME/DME RNP-0.3 NA.

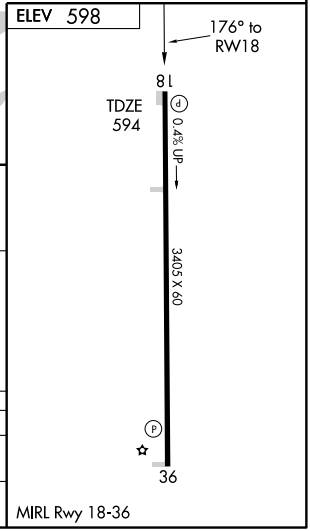
MISSED APPROACH: Climbing right turn to 2500 direct TUSOC and hold.

TULSA APP CON	CTAF
119.1 351.8	122.9





CATEGORY	A	B	C	D
LNAV MDA	1080-1	486 (500-1)	NA	
CIRCLING	1180-1	582 (600-1)	NA	



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3405
356°	TDZE	598
	Apt Elev	598

RNAV (GPS) RWY 36

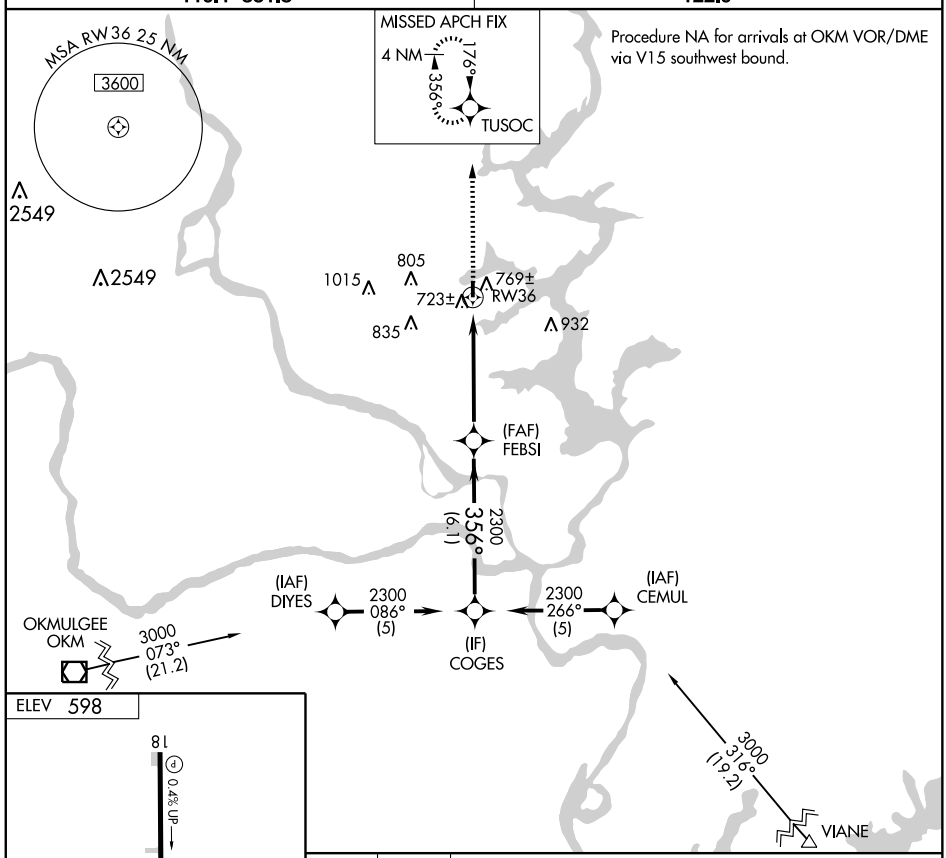
WAGONER/HEFNER-EASLEY (H68)

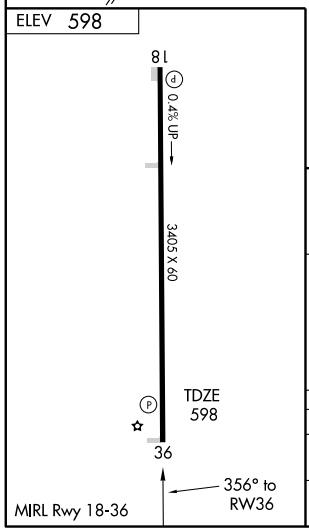
Use Muskogee altimeter setting; when not received, use Tahlequah altimeter setting and increase all MDAs 40 feet. Procedure NA at night. DME/DME RNP-0.3 NA.

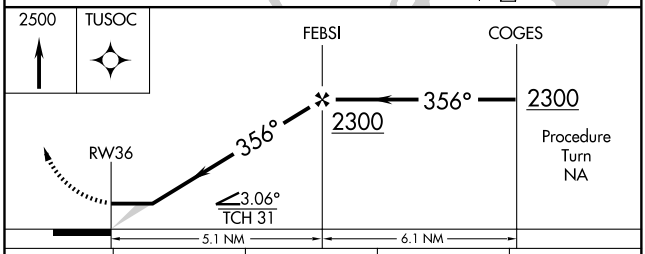
NA

MISSED APPROACH: Climb to 2500 direct TUSOC and hold.

TULSA APP CON	CTAF
119.1 351.8	122.9







CATEGORY	A	B	C	D
LNAV MDA	1100-1	502 (600-1)	NA	
CIRCLING	1180-1	582 (600-1)	NA	

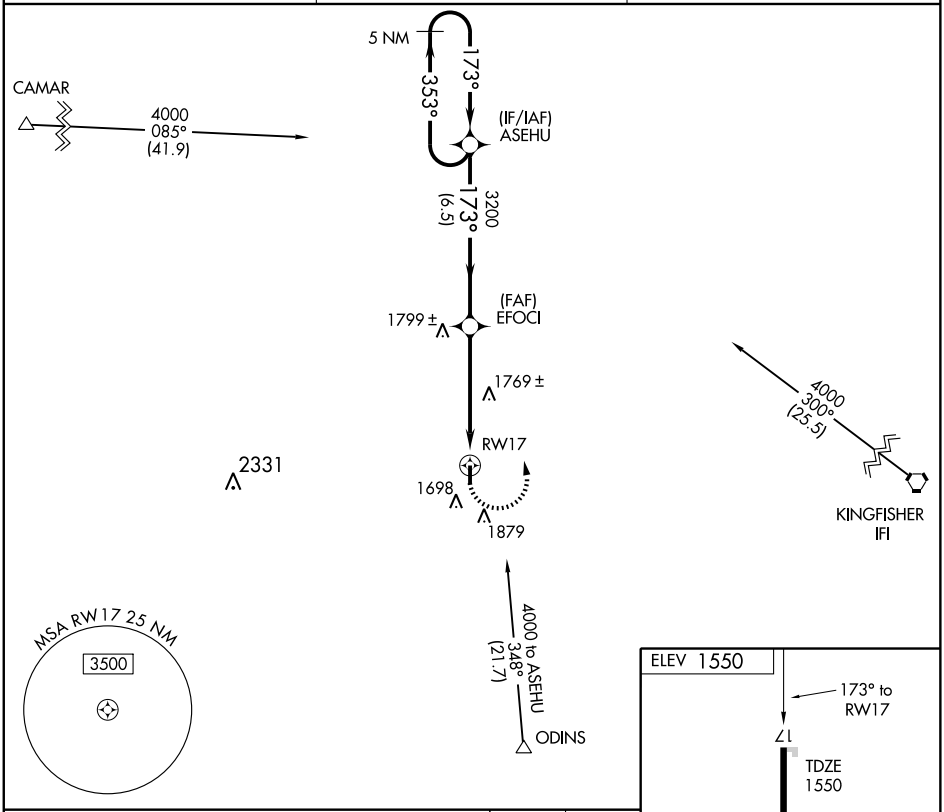
APP CRS		
173°	Rwy Idg	4000
	TDZE	1550
	Apt Elev	1550

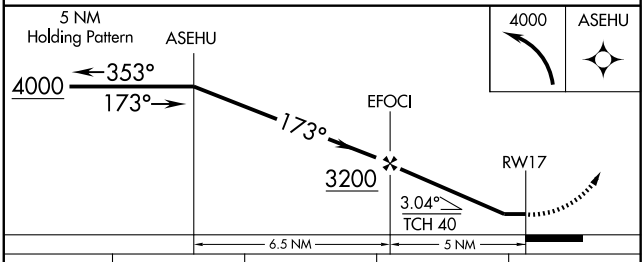
RNAV (GPS) RWY 17
WATONGA RGNL (JWG)

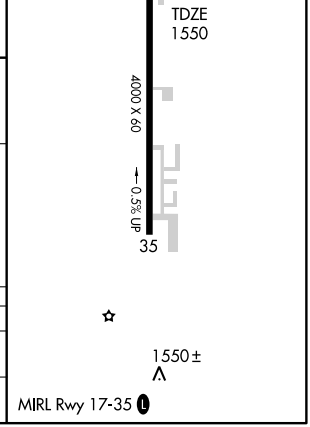
▼ NA — If local altimeter setting not received, use Clinton Rgnl altimeter setting and increase all MDAs 100 feet. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing left turn to 4000 direct ASEHU and hold.

AWOS-3	VANCE APP CON ★	UNICOM
134.175	120.525 306.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	2060-1 510 (600-1)		2060-1½ 510 (600-1½)	NA
CIRCLING	2060-1 510 (600-1)	2240-1 690 (700-1)	2240-2 690 (700-2)	NA

SC-1, 17 DEC 2009 to 14 JAN 2010

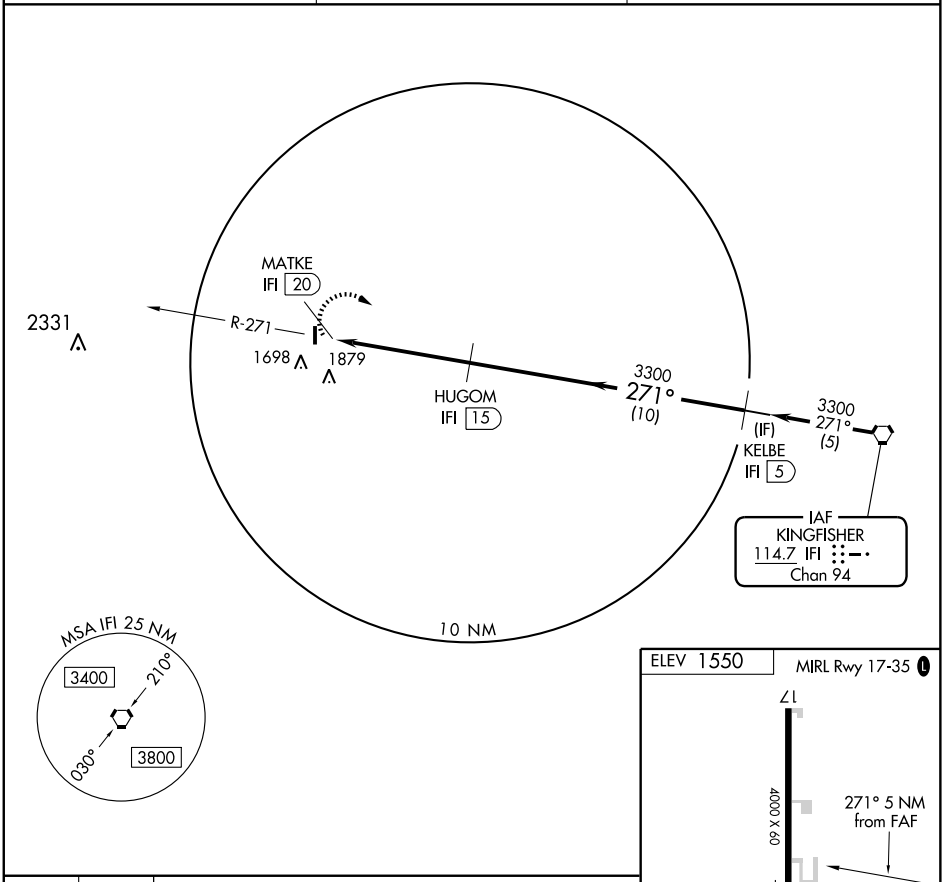
VORTAC IFI 114.7 Chan 94	APP CRS 271°	Rwy Idg N/A TDZE N/A Apt Elev 1550

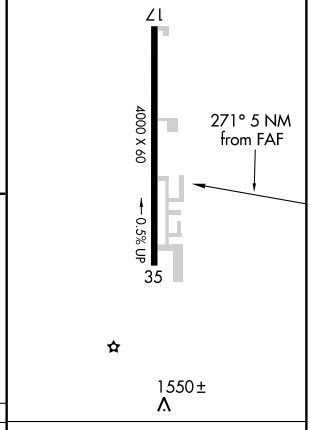
VOR/DME-A
WATONGA RGNL (JWG)

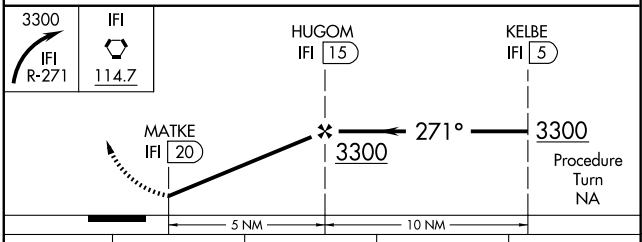
▼ If local altimeter setting not received, use Clinton Rgnl altimeter setting and increase all MDAs 100 feet.
▲ NA

MISSED APPROACH: Climbing right turn to 3300 via IFI R-271 to IFI VORTAC.

AWOS-3	VANCE APP CON ★	UNICOM
134.175	120.525 306.3	122.8 (CTAF) Ⓛ







CATEGORY	A	B	C	D
CIRCLING	2180-1 630 (700-1)	2240-1¼ 690 (700-1¼)	2240-2 690 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4400
174°	TDZE	1605
	Apt Elev	1605

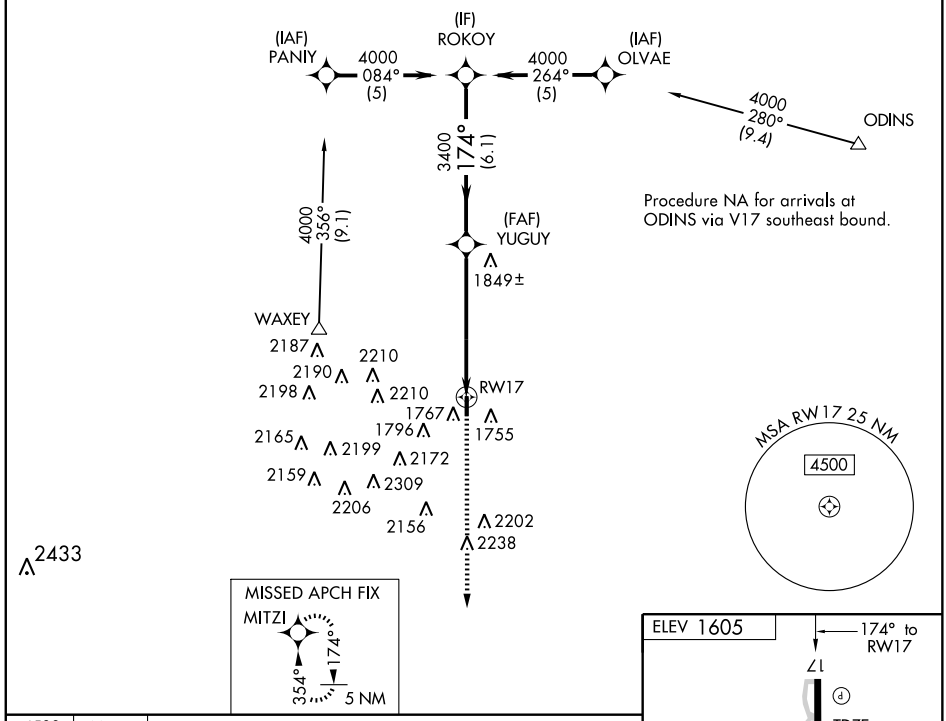
RNAV (GPS) RWY 17

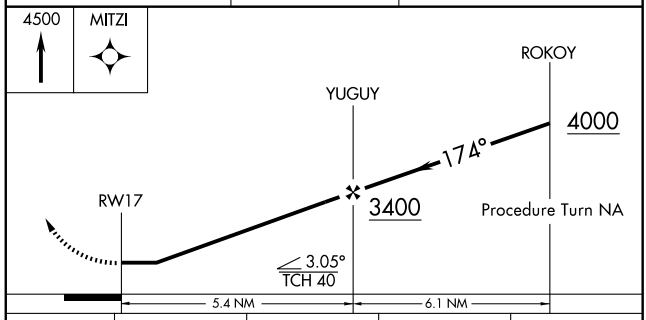
WEATHERFORD/THOMAS P. STAFFORD (OJA)

▼ NA — If local altimeter setting not received, use Clinton Rgnl altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

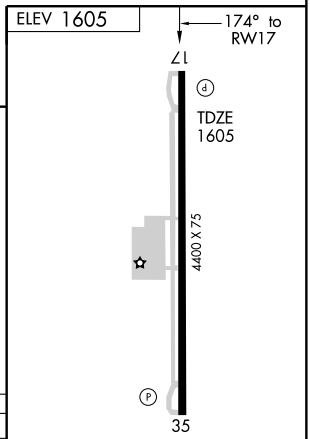
MISSED APPROACH: Climb to 4500 direct MITZI and hold.

AWOS-3	FORT WORTH CENTER	UNICOM	GCO
118.575	128.4 269.375	122.8 (CTAF)	135.075





CATEGORY	A	B	C	D
LNAV MDA	2100-1 495 (500-1)		2100-1¼ 495 (500-1¼)	NA
CIRCLING	2100-1 495 (500-1)	2120-1 515 (600-1)	2140-1½ 535 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4400
354°	TDZE	1605
	Apt Elev	1605

RNAV (GPS) RWY 35

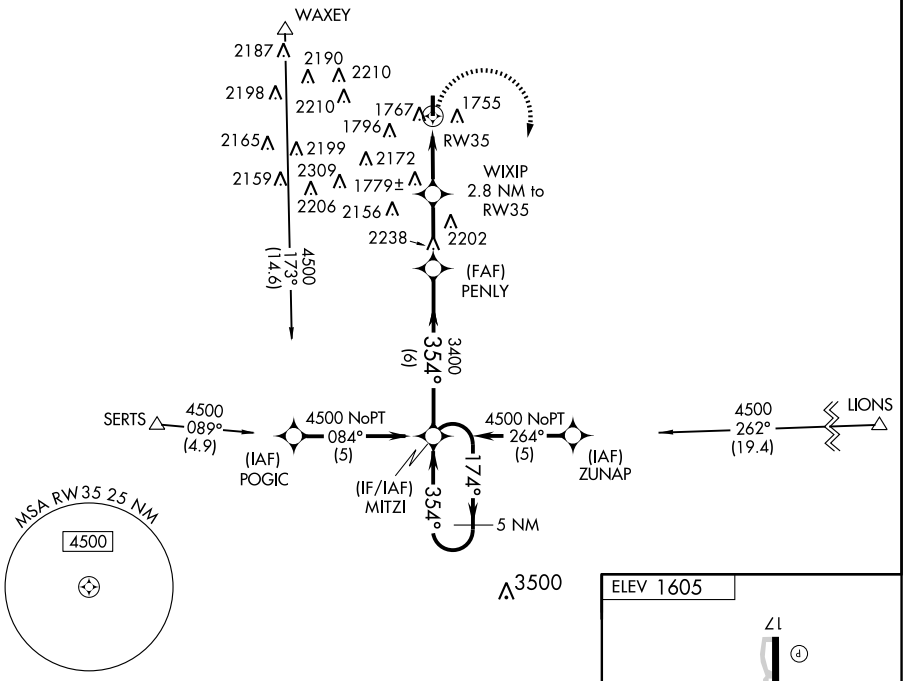
WEATHERFORD/ THOMAS P. STAFFORD (OJA)

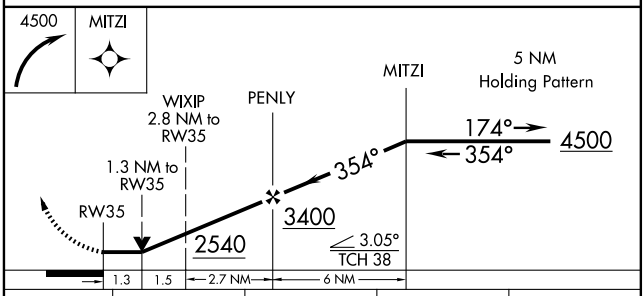
If local altimeter setting not received, use Clinton Rgnl altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Clinton Rgnl altimeter setting.

NA

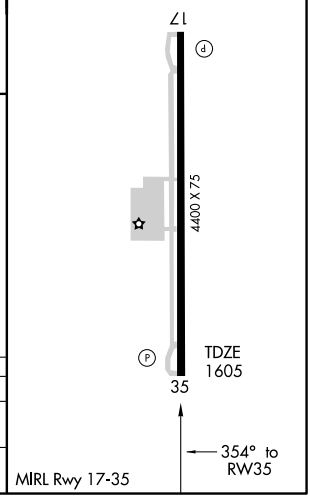
MISSED APPROACH: Climbing right turn to 4500 direct MITZI and hold.

AWOS-3	FORT WORTH CENTER	UNICOM	GCO
118.575	128.4 269.375	122.8 (CTAF)	135.075





CATEGORY	A	B	C	D
LNAV MDA	2040-1 435 (500-1)		2040-1¼ 435 (500-1¼)	NA
CIRCLING	2080-1 475 (500-1)	2120-1 515 (600-1)	2140-1½ 535 (600-1½)	NA



SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5502
CH 70614	172°	TDZE	2176
W17A		Apt Elev	2189

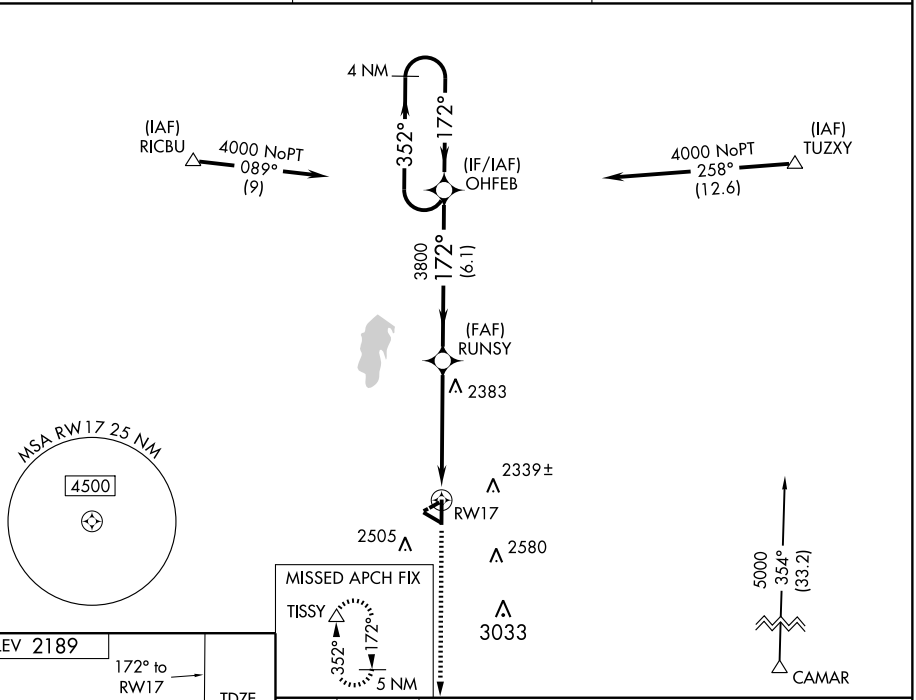
RNAV (GPS) RWY 17

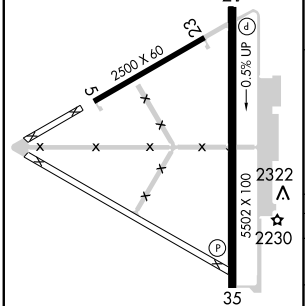
WOODWARD/ WEST WOODWARD (WWR)

Baro-VNAV NA when using Gage altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 44°C (111°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Gage altimeter setting and increase all DA/MDA 40 feet.

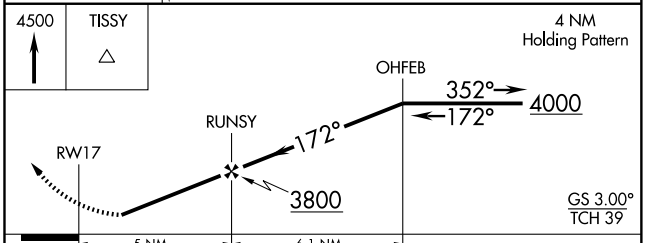
MISSED APPROACH: Climb to 4500 direct TISSY and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
118.425	126.95 379.2	122.8 (CTAF)





MIRL Rwy 5-23 and 17-35



CATEGORY	A	B	C	D
LPV DA	2426-1 250 (300-1)			
LNAV/VNAV DA	2572-1½ 396 (400-1½)			
LNAV MDA	2700-1 524 (600-1)		2700-1½ 524 (600-1½)	2700-1¾ 524 (600-1¾)
CIRCLING	2700-1 511 (600-1)		2860-2 671 (700-2)	2860-2¼ 671 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40314 W35A	APP CRS 352°	Rwy Idg 5502 TDZE 2189 Apt Elev 2189

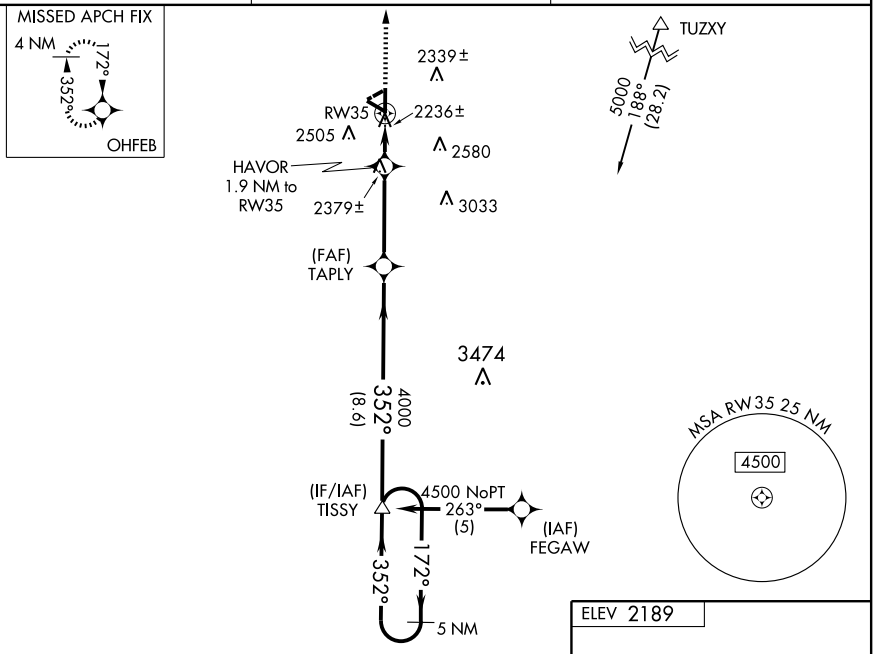
RNAV (GPS) RWY 35

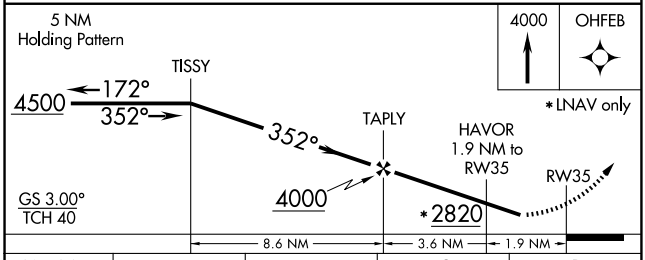
WOODWARD/ WEST WOODWARD (WWR)

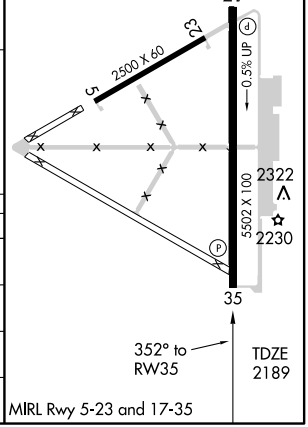
Baro-VNAV NA when using Gage altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 44°C (111°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Gage altimeter setting and increase all LPA DA 40 feet, all LNAV/VNAV DA 304 feet, all MDA 40 feet. Increase LPV all Cats and LNAV Cat D visibilities ¼ mile, LNAV/VNAV all Cats visibility 1 mile.

MISSED APPROACH: Climb to 4000 direct OHFEB and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
118.425	126.95 379.2	122.8 (CTAF)







CATEGORY	A	B	C	D
LPV DA	2470-1 281 (300-1)			
LNAV/VNAV DA	2506-1¼ 317 (400-1¼)			
LNAV MDA	2700-1 511 (600-1)		2700-1½ 511 (600-1½)	
CIRCLING	2700-1 511 (600-1)		2860-2 671 (700-2)	2860-2¼ 671 (700-2¼)

SC-1, 17 DEC 2009 to 14 JAN 2010

VORTAC GAG 115.6 Chan 103	APP CRS 062°	Rwy Idg N/A TDZE N/A Apt Elev 2188

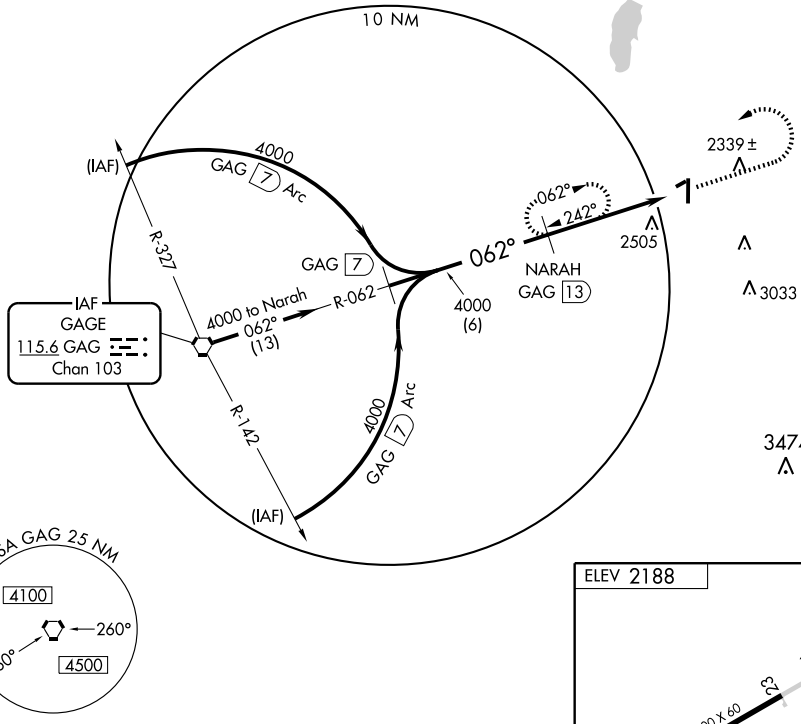
VOR/DME-A

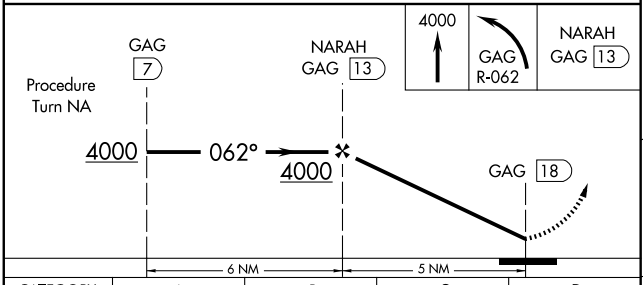
WOODWARD/ WEST WOODWARD (WWR)

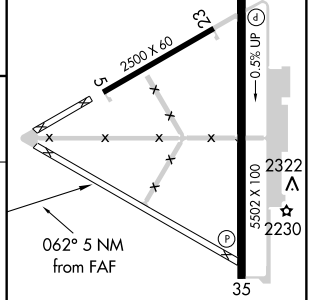
If local altimeter setting not received, use Gage altimeter setting and increase all MDAs 60 feet; when neither received, procedure not authorized.

MISSED APPROACH: Climb to 4000, then left turn via GAG R-062 to NARAH 13 DME and hold.

AWOS-3	KANSAS CITY CENTER	UNICOM
118.425	126.95 379.2	122.8 (CTAF)







MIRL Rwy 5-23 and 17-35

CATEGORY	A	B	C	D
CIRCLING	2820-1	632 (700-1)	2860-2 672 (700-2)	2860-2¼ 672 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-1, 17 DEC 2009 to 14 JAN 2010

INSTRUMENT APPROACH PROCEDURE CHARTS

AIFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate AirportMinimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ABILENE, TX

ABILENE RGNL ..... **ILS or LOC Rwy 35R[1]**
LOC BC Rwy 17L[2]
RNAV (GPS) Rwy 22[3]
VOR Rwy 22[3]

[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]Category E, 800-2¼.
[3]NA when local weather not available.

AMARILLO, TX

RICK HUSBAND
AMARILLO INTL ..... **ILS Rwy 4[13]**
LDA/DME Rwy 22[23]
NDB Rwy 4[3]
RADAR-1[34]
VOR/DME Rwy 13[4]
VOR/DME Rwy 22[4]
VOR/DME Rwy 31[4]
VOR/DME A[4]

[1]ILS, Category D, 700-2;Category E, 900-3. LOC, Category E, 900-3.
[2]LDA/GS, Category D, 700-2; Category E, 900-3. LDA, Category E, 900-3.
[3]NA when control tower closed.
[4]Category E, 900-3.

ARLINGTON, TX

ARLINGTON MUNI .. **ILS or LOC/DME Rwy 34[1]**
RNAV (GPS) Rwy 34[2]
VOR /DME Rwy 34[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BIG SPRING, TX

BIG SPRING MC MAHON-WRINKLE ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR/DME Rwy 17
VOR/DME Rwy 35

NA when local weather not available.

BORGER, TX

HUTCHINSON COUNTY ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR /DME Rwy 35

NA when local weather not available.

CANADIAN, TX

HEMPHILL COUNTY ..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22

NA when local weather not available.
Category D, 800-2½.

CHILDRESS, TX

CHILDRESS MUNI ..... **VOR Rwy 35**

NA when local weather not available.

CLEBURNE, TX

CLEBURNE MUNI ..... **RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33

NA when local weather not available.

NAME ALTERNATE MINIMUMS

DALHART, TX

DALHART
MUNI ..... **VOR/DME or GPS Rwy 35**
VOR Rwy 17
Category D, 800-2¼.

DALLAS, TX

ADDISON ..... **ILS or LOC Rwy 15[12]**
ILS or LOC Rwy 33[12]
RNAV (GPS) Rwy 15[3]
RNAV (GPS) Rwy 33[3]
[1]NA when control tower closed.
[2]ILS, Category D, 700-2.
[3]NA when local weather not available.

COLLIN COUNTY RGNL
AT MC KINNEY ..... **ILS or LOC Rwy 17[1]**
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 35[2]
VOR/DME-A[3]
[1]ILS, NA. LOC, NA when control tower closed; NA when local weather not available.
[2]NA when local weather not available.
[3]Category C, 800-2¼; Category D, 800-2½.

DALLAS -LOVE FIELD ..... **ILS Rwy 13L[1]**
ILS Rwy 13R[1]
ILS or LOC Rwy 31L[2]
ILS or LOC Rwy 31R[3]
RNAV (GPS) Rwy 31L[4]
RNAV (GPS) Y Rwy 13L[5]
RNAV (GPS) Y Rwy 13R[5]
RNAV (GPS) Z Rwy 13L[5]
RNAV (GPS) Z Rwy 13R[6]
[1]ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.
[2]ILS, LOC, Categories A,B, 1100-2; Categories C,D,1100-3.
[3]ILS, LOC, Categories A,B, 900-2; Category C, 900-2¾; Category D, 900-3.
[4]Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3.
[5]Category D, 800-2¼.
[6]Category C, 800-2¼; Category D, 800-2½.

DALLAS, TX (CON'T)

DALLAS EXECUTIVE ..... **ILS or LOC Rwy 31[12]**
RNAV (GPS) Rwy 17[34]
RNAV (GPS) Rwy 31[34]
RNAV (GPS) Rwy 35[34]
VOR/DME Rwy 17[34]
VOR Rwy 31[34]
[1]NA when control tower closed.
[2]ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.
[3]NA when local weather not available.
[4]Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

DALLAS-FORT WORTH, TX

DALLAS-FORT WORTH
INTL ..... **CONVERGING ILS Rwy 13R[1]**
ILS or LOC Rwy 18L[2]
ILS or LOC Rwy 18R[2]
[1]Categories A, B, C, 800-2¾.
[2]ILS, 700-2.

DECATUR, TX

DECATUR MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

FORT WORTH, TX

FORT WORTH
ALLIANCE..... **ILS OR LOC RWY 16L**
ILS or LOC Rwy 34R
ILS, Category D, 700-2; Category E, 700-2¼.
LOC, Category E, 800-2¼.

FORT WORTH
SPINKS ..... **RNAV (GPS) Rwy 17R**
RNAV (GPS) Rwy 35L
NA when local weather not available.

GAINESVILLE, TX

GAINESVILLE MUNI ..... **RNAV (GPS) Rwy 17**
NA when local weather not available.

GRAHAM, TX

GRAHAM MUNI ..... **RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21
NA when local weather not available.

GRAND PRAIRIE, TX

GRAND PRAIRIE MUNI ... **RNAV (GPS) Rwy 35**
VOR /DME Rwy 35,800-2¼
NA when local weather not available.

GREENVILLE, TX

MAJORS ..... **ILS or LOC Rwy 17**
LOC BC Rwy 35
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR /DME Rwy 17
NA when local weather not available.
Category D, 800-2¾.

HILLSBORO, TX

HILLSBORO MUNI ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.

NAME ALTERNATE MINIMUMS

LONGVIEW, TX

EAST TEXAS RGNL ..... **ILS or LOC Rwy 13[123]**
NDB Rwy 13[23]
RNAV (GPS) Rwy 13[13]
RNAV (GPS) Rwy 18[3]
RNAV (GPS) Rwy 31[13]
RNAV (GPS) Rwy 36[3]
VOR/DME or TACAN Rwy 13[13]
VOR/DME or TACAN Rwy 31[1]

[1]Category E, 800-2½.
[2]NA when control tower closed.
[3]NA when local weather not available.

LUBBOCK, TX

LUBBOCK
PRESTON SMITH INTL .. **ILS or LOC Rwy 17R[1]**
ILS or LOC Rwy 26[1]
RADAR-1[2]
RNAV (GPS) Rwy 8[2]
RNAV (GPS) Rwy 17R[2]
RNAV (GPS) Rwy 26[2]
RNAV (GPS) Rwy 35L[2]
VOR/DME or TACAN Rwy 26[2]

[1]ILS, Category E, 700-2½. LOC, Category E, 800-2½.
[2]Category E, 800-2½.

MESQUITE, TX

MESQUITE METRO ..... **LOC BC Rwy 35**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
NA when local weather not available.

MIDLOTHIAN/WAXAHACHIE, TX

MID-WAY RGNL ..... **RNAV (GPS) Rwy 36**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

MOUNT PLEASANT, TX

MOUNT
PLEASANT RGNL ..... **RNAV (GPS) Rwy 17[1]**
RNAV (GPS) Rwy 35
NA when local weather not available.
[1]Category D, 800-2¼.

PARIS, TX

COX FIELD ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
VOR Rwy 35
NA when local weather not available.

PLAINVIEW, TX

HALE COUNTY ..... **RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.

TERRELL, TX

TERRELL MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

TYLER, TX

TYLER POUNDS RGNL ..... **ILS Rwy 13[1]**
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 31[2]
VOR/DME Rwy 4[1]
VOR/DME Rwy 22[1]
VOR Rwy 31[1]

[1]NA when control tower closed.
[2]NA when local weather not available.

WICHITA FALLS, TX

SHEPPARD AFB/
WICHITA FALLS MUNI **RADAR-1**
NA when Sheppard approach control closed.

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

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NAME — ALTERNATE MINIMUMS

ALICE, TX

ALICE INTL ..... **RNAV (GPS) Rwy 13[1]**
RNAV (GPS) Rwy 31[1]
VOR-A[2]

[1]NA when local weather not available.
[2]Categories A,B, 900-2; Category C, 900-2¾, Category D, 900-3.

AUSTIN, TX

AUSTIN-BERGSTROM INTL ..... **ILS Rwy 17L**
ILS or LOC Rwy 17R
ILS or LOC Rwy 35L
ILS Rwy 35R

ILS, Category D, 700-2; Category E, 800-2½.
LOC, Category E, 800-2½.

BRADY, TX

CURTIS FIELD ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

BROWNSVILLE, TX

BROWNSVILLE/SOUTH PADRE ISLAND INTL ..... **ILS or LOC Rwy 13R[12]**
LOC BC Rwy 31L[1]
RNAV (GPS) Rwy 13R[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

BROWNWOOD, TX

BROWNWOOD RGNL ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

BURNET, TX

BURNET MUNI/KATE CRADDOCK FIELD ..... **RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19

NA when local weather not available.
Category C, 800-2¼.

NAME — ALTERNATE MINIMUMS

COMANCHE, TX

COMANCHE COUNTY-CITY ..... **RNAV (GPS) Rwy 17**

NA when local weather not available.

CORPUS CHRISTI, TX

CORPUS CHRISTI INTL .. **ILS or LOC Rwy 13[1]**
ILS or LOC Rwy 35[1]
LOC Rwy 31[2]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 31[2]
VOR or TACAN Rwy 17[2]

[1]ILS, Category D, 700-2¼; Category E, 900-3.
LOC, Category D, 800-2¼; Category E, 900-3.
[2]Category D, 800-2¼; Category E, 900-3.

COTULLA, TX

COTULLA-LA SALLE COUNTY ..... **VOR-A**

NA when local weather not available.

DEL RIO, TX

DEL RIO INTL ..... **RNAV (GPS) Rwy 13**
VOR-A[12]
VOR/DME-B[1]

NA when local weather not available.
[1]NA when Del Rio APP CON closed.
[2]Category C, 800-2¼. Category D, 800-2½.

EL PASO, TX

EL PASO INTL ..... **ILS or LOC Rwy 22[1]**
RADAR-1[2]
VOR Rwy 26L[2]

[1]ILS, Category E, 800-2½. LOC,Category E, 800-2½.
[2]Category E, 800-2½.

FALFURRIAS, TX

BROOKS COUNTY ..... **RNAV (GPS) Rwy 17[1]**
RNAV (GPS) Rwy 35

NA when local weather not available.
[1]Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

FORT HOOD/KILLEEN, TX

ROBERT GRAY AAF ..... **ILS or LOC Rwy 15[1]**
ILS or LOC Rwy 33[1]
NDB Rwy 15[2]
RNAV (GPS) Rwy 15[3]
RNAV (GPS) Rwy 33[3]

[1]ILS, LOC, Category E, 800-2½.
[2]Category D, 800-2¼; Category E, 800-2½.
[3]Category E, 800-2½.

FORT STOCKTON, TX

FORT STOCKTON-
PECOS COUNTY ..... **RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.
Category D, 800-2½.

FREDERICKSBURG, TX

GILLESPIE COUNTY ..... **RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR/DME-A

Category C, 800-2¼.

GEORGETOWN, TX

GEORGETOWN MUNI ..... **RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 29
RNAV (GPS) Rwy 36

NA when local weather not available.

HAMILTON, TX

HAMILTON MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

HARLINGEN, TX

VALLEY INTL ..... **ILS or LOC Rwy 17R[1]**
LOC/DME BC Rwy 35L

NA when control tower closed.
[1]ILS, Category D, 700-2.

INGLESIDE, TX

TP MC CAMPBELL ..... **RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

NA when local weather not available.

KERRVILLE, TX

KERRVILLE MUNI/LOUIS
SCHREINER FIELD ..... **LOC Rwy 30**
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
VOR-A

Category C, 800-2¼.

NAME ALTERNATE MINIMUMS

KILLEEN, TX

SKYLARK FIELD ..... **RNAV (GPS) Rwy 1**

NA when local weather not available.

LAMPASAS, TX

LAMPASAS ..... **RNAV (GPS) Rwy 34**
VOR-A

NA when local weather not available.

LLANO, TX

LLANO MUNI ..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

LAREDO, TX

LAREDO INTL ..... **ILS or LOC/DME Rwy 17R[1]**
LOC/DME BC Rwy 35L[1]
NDB Rwy 17L[1]
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 17L
RNAV (GPS) Rwy 17R
RNAV (GPS) Rwy 32[2]
RNAV (GPS) Rwy 35L
VOR/DME or TACAN Rwy 14
VOR or TACAN Rwy 32[2]

Category E, 800-2½.
[1]NA when control tower closed.
[2]NA when local weather not available

MC ALLEN, TX

MC ALLEN MILLER INTL . **ILS or LOC Rwy 13[1]**
ILS or LOC Rwy 31[12]
RNAV (GPS) Rwy 31[2]
VOR Rwy 13[1]

[1]NA when control tower closed.
[2]NA when local weather not available.

MIDLAND, TX

MIDLAND INTL ..... **ILS or LOC Rwy 10[12]**
LOC BC Rwy 28[23]
RADAR-1[4]
RNAV (GPS) Rwy 10[5]
VOR/DME or TACAN Rwy 34L[3]
VOR or TACAN Rwy 16R[3]

[1]ILS, LOC, Category E, 800-2½.
[2]NA when control tower closed.
[3]Category E, 800-2½.
[4]Category D, 800-2¼; Category E, 800-2½.
[5]NA when local weather not available.

NEW BRAUNFELS, TX

NEW
BRAUNFELS MUNI ..... **RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 35

NA when local weather not available.

NAME ALTERNATE MINIMUMS

ODESSA, TX

ODESSA-SCHLEMEYER FIELD ..... **NDB Rwy 20**
NA when control tower closed.

PLEASANTON, TX

PLEASANTON MUNI ..... **RNAV (GPS) Rwy 34**
NA when local weather not available.

PORT ARANSAS, TX

MUSTANG BEACH ..... **RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30
NA when local weather not available.

PORT ISABEL, TX

PORT ISABEL-CAMERON COUNTY ..... **RNAV (GPS) Rwy 13**
NA when local weather not available.

ROBERT GRAY AAF(KGRK), TX

FORT HOOD ..... **ILS or LOC Rwy 33[1]**
RNAV (GPS) Rwy 15[2]
RNAV (GPS) Rwy 33[2]
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]Category E, 800-2¼.

ROCKPORT, TX

ARANSAS COUNTY ..... **RNAV (GPS) Rwy 14[1]**
VOR/DME or TACAN-A[2]
[1]NA when local weather not available.
[2]Category C, 800-2¼.

ROCKSPRINGS, TX

EDWARDS COUNTY ..... **VOR Rwy 14**
NA when local weather not available.

SAN ANGELO, TX

SAN ANGELO RGNL/ MATHIS FIELD ..... **ILS Rwy 3[12]**
LOC BC Rwy 21[2]
NDB Rwy 3[2]
VOR Rwy 21[2]
VOR/DME or TACAN Rwy 3[4]
RADAR-1[3]
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¼.
[2]NA when control tower closed.
[3]Category E, 800-2¼.
[4]Category E, 800-2½.

NAME ALTERNATE MINIMUMS

SAN ANTONIO, TX

SAN ANTONIO INTL ..... **ILS or LOC Rwy 12R[1]**
RNAV (GPS) Rwy 12R[2]
[1]ILS, 700-2.
[2]Categories A,B, 900-2; Category C, 900-2½; Category D, 900-2¾.

STINSON MUNI ..... **RNAV (GPS) Rwy 32**
VOR Rwy 32
NA when local weather not available.

TEMPLE, TX

DRAUGHON-MILLER CENTRAL TEXAS RGNL ..... **RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

WACO, TX

TSTC WACO ..... **ILS or LOC Rwy 17L[123]**
NDB Rwy 35R[4]
[1]NA when control tower closed.
[2]ILS,LOC,Category E, 800-2½.
[3]NA when local weather not available.
[4]NA when Waco Regional control tower closed.

WACO RGNL ..... **ILS or LOC Rwy 19**
NDB Rwy 19
RADAR-1
NA when control tower closed.

WINK, TX

WINKLER COUNTY ..... **RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
VOR Rwy 13
NA when local weather not available.

INSTRUMENT APPROACH PROCEDURE CHARTS

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NAME	ALTERNATE MINIMUMS
ANGLETON/LAKE JACKSON, TX	
BRAZORIA COUNTY	**RNAV (GPS) Rwy 17**
	RNAV (GPS) Rwy 35
NA when local weather not available.	
BEAUMONT-PORT ARTHUR, TX	
SOUTHEAST TEXAS RGNL	**ILS or LOC Rwy 12**[123]
	LOC BC Rwy 30[234]
	RNAV (GPS) Rwy 12[35]
	RNAV (GPS) Rwy 16[35]
	RNAV (GPS) Rwy 30[35]
	RNAV (GPS) Rwy 34[35]
	VOR/DME Rwy 34[5]
	VOR Rwy 12[5]
[1]ILS, LOC, Categories A, B, 900-2; Category C, 900-2¼; Category D, 900-2½; Category E, 900-2¾.	
[2]NA when control tower closed.	
[3]NA when local weather not available.	
[4]Category D, 800-2¼; Category E, 900-2¾.	
[5]Category E, 900-2¾.	
COLLEGE STATION, TX	
EASTERWOOD FIELD	**ILS or LOC Rwy 34**[12]
	LOC BC Rwy 16[23]
	RNAV (GPS) Rwy 10[3]
	RNAV (GPS) Rwy 16[3]
	RNAV (GPS) Rwy 28[3]
	RNAV (GPS) Rwy 34[3]
	VOR/DME Rwy 28[4]
	VOR or TACAN Rwy 10[3]
[1]ILS, Category D, 700-2¼; Category E, 900-3. LOC, Category D, 800-2¼; Category E, 900-3.	
[2]NA when control tower closed.	
[3]Category D, 800-2¼; Category E, 900-3.	
[4]Category D, 800-2¼.	

NAME	ALTERNATE MINIMUMS
GALVESTON, TX	
SCHOLES INTL AT GALVESTON	ILS or LOC Rwy 13[1]
	RNAV (GPS) Rwy 13[2]
	RNAV (GPS) Rwy 17[2]
[1]ILS, Category E, 700-2¼; LOC, Category E, 800-2¼.	
[2]Category E 800-2¼.	
HOUSTON, TX	
DAVID WAYNE HOOKS MEMORIAL	**RNAV (GPS) Rwy 17R**
	RNAV (GPS) Rwy 35L
NA when local weather not available.	
ELLINGTON FIELD	**ILS Rwy 17R**[1]
	ILS Rwy 22[1]
	ILS Rwy 35L[1]
	RNAV (GPS) Rwy 22[2]
[1]ILS, Category E, 700-2¼. LOC, Category E, 800-2¼.	
[2]Category E, 800-2¼.	

NAME ALTERNATE MINIMUMS

HOUSTON, TX (CON'T)

GEORGE BUSH INTERCONTINENTAL/ HOUSTON ..... **ILS or LOC Rwy 8R[1]**
ILS or LOC Rwy 26L[2]

[1]ILS,LOC, Category A,B, 900-2; Category C, 900-2½; Category D, 900-2¾; Category E, 900-3.

[2]ILS, Category A,B, 800-2; Category C, 800-2¼; Category D, 800-2½; Category E, 800-2¾. LOC, Category C, 800-2¼; Category D, 800-2½; Category E, 800-2¾.

LONE STAR EXECUTIVE . **RNAV (GPS) Rwy 14**
NA when local weather not available.

WILLIAM P. HOBBY ..... **ILS or LOC Rwy 4**
ILS or LOC Rwy 12R
LOC Rwy 22
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 12R
RNAV (GPS) Rwy 22
VOR/DME Rwy 30L
Category E, 900-3.

PEARLAND RGNL ..... **RNAV (GPS) Rwy 32**
VOR-B
NA when local weather not available.

SUGAR LAND RGNL ..... **RNAV (GPS) Rwy 17**
NA when local weather not available.

HUNTSVILLE, TX

HUNTSVILLE MUNI ..... **RNAV (GPS) Rwy 18**
VOR/DME-A
NA when local weather not available.

JACKSONVILLE, TX

CHEROKEE COUNTY ..... **RNAV (GPS) Rwy 14**
VOR /DME Rwy 14
NA when local weather not available.

JASPER, TX

JASPER COUNTY-BELL FIELD ... **NDB Rwy 18**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.

LA GRANGE, TX

FAYETTE RGNL
AIR CENTER ..... **RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
NA when local weather not available.

LUFKIN, TX

ANDELINA COUNTY ..... **VOR Rwy 33**
NA when local weather not available.

ORANGE, TX

ORANGE COUNTY ..... **RNAV (GPS) Rwy 22**
VOR/DME Rwy 22
NA when local weather not available.

PALESTINE, TX

PALESTINE MUNI ..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

PORT LAVACA, TX

CALHOUN COUNTY ..... **RNAV (GPS) Rwy 14**
NA when local weather not available.

VICTORIA, TX

VICTORIA RGNL ..... **RNAV (GPS) Rwy 12L**
RNAV (GPS) Rwy 30R
VOR Rwy 12L
VOR/DME Rwy 30R
NA when local weather not available.

WHARTON, TX

WHARTON RGNL ..... **RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR/DME-A
NA when local weather not available.

ABILENE, TX

Amdt. 9, MAR 22,2001 (FAA) ELEV **1791**

ABILENE RGNL

RADAR- 125.0 338.3 (EAST), 127.2 282.3 (WEST) ▽

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17R		AB	**2240**-1	469	(500-1)	C	**2240**-1¼	469	(500-1¼)
			D	**2240**-1½	469	(500-1½)				
	35L		AB	**2260**-1	474	(500-1)	C	**2260**-1¼	474	(500-1¼)
			D	**2260**-1½	474	(500-1½)				
	35R		AB	**2260**-½	484	(500-½)	C	**2260**-¾	484	(500-¾)
			D	**2260**-1	484	(500-1)				
CIRCLING			AB	**2260**-1	469	(500-1)	C	**2360**-1½	569	(600-1½)
			D	**2360**-2	569	(600-2)				

AMARILLO, TX

Amdt.16, MAR 25 , 1999 (FAA) ELEV **3605**

RICK HUSBAND AMARILLO INTL

RADAR-119.5 307.0 ▽ ⚠

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	22		ABC	**3960**-¾	357	(400-¾)	DE	**3960**-1¼	357	(400-1¼)
	31		ABC	**3960**-1	362	(400-1)	D	**3960**-1¼	362	(400-1¼)
			E	**NA**						
	13		ABC	**3980**-1	380	(400-1)	D	**3980**-1¼	380	(400-1¼)
			E	**NA**						
	4		AB	**4160**/24	555	(600-½)	C	**4160**/50	555	(600-1)
			D	**4160**/60	555	(600-1¼)	E	**4160**-1½	555	(600-1½)
CIRCLING			AB	**4160**-1	555	(600-1)	C	**4160**-1½	555	(600-1½)
			D	**4240**-2	635	(700-2)	E	**4460**-3	855	(900-3)

When control tower closed, procedure not authorized.

DYESS AFB (KDYS), TX (Abilene) (08297 USAF) ELEV 1789

RADAR - (E) 121.3 127.2 270.3 282.3

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	16[1]		A	2300/24	511	(600-½)
			B	2300/40	511	(600-¾)
			C	2300/50	511	(600-1)
			DE	2300-1½	511	(600-1½)
	34[2]		AB	2260/24	473	(500-½)
			C	2260/40	473	(500-¾)
			D	2260/50	473	(500-1)
			E	2260/60	473	(500-1¼)
CIR	16[3]		A	2340-1	551	(600-1)
			B	2340-1¼	551	(600-1¼)
			C	2340-1½	551	(600-1½)
			D	2360-2	571	(600-2)
			E	2460-2½	671	(700-2½)
	34[3]		AB	2340-1	551	(600-1)
			C	2340-1½	551	(600-1½)
			D	2360-2	571	(600-2)
			E	2460-2½	671	(700-2½)

[1]When ALS inop, increase CAT A RVR to 50 and vis to 1 mile, CAT B RVR to 60 and vis to 1¼ miles, CAT C vis to 1½ miles, CAT DE vis to 2 miles. [2]When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles and CAT E to 1¾ miles. [3]Circling to parallel Assault Strip 162° restricted to 317 AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.

FORT WORTH NAS JRB (NFW), TX (07354 USN) ELEV 650

RADAR - (E)[8] 128.775 371.875

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[67]	17[3]	3.0°/61/1124	ABCDE	836-¾	200	(200-¾)
	35[45]	3.0°/59/1171	ABCDE	900-¾	250	(300-¾)
ASR[6]	17		AB	1140-1¼	504	(500-1¼)
			CD	1140-1½	504	(500-1½)
			E	1140-1¾	504	(500-1¾)
	35[1]		AB	1180-¾	530	(600-¾)
			C	1180-1	530	(600-1)
			DE	1180-1¼	530	(600-1¼)
CIR	17-35[2]		AB	1220-1¼	570	(600-1¼)
			C	1240-1½	590	(600-1½)
			D	1300-2	650	(700-2)
			E	1300-2¼	650	(700-2¼)

[1]When ALS inop, increase vis CAT AB to 1¼ miles, CAT C to 1½ miles, CAT DE to 1¾ miles. [2]Circling not authorized E of Rwy 17-35. [3]CAUTION:TCH exceeds DOD criteria. [4]CAUTION: Up slope terrain 641' left of rwy thld. [5]When ALS inop,increase vis CAT CDE to 1 mile. [6]No-NOTAM MP: PAR 1330-1530Z++ Tue; ASR 1330-1530Z++ Mon. [7]PAPI RRP and PAR RPI not coincident. [8]Opr 1300-0500Z++ Mon-Fri; clsd Sat, Sun and hol. Afld hr subject to chg by NOTAM. Base OPS/ATC not manned outside of publ hr.

LUBBOCK, TX

Amdt. 7, SEP 19, 1991 (FAA) ELEV **3282**

LUBBOCK PRESTON SMITH INTL

RADAR-119.2 351.8 ⚠

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17R		ABC	**3620**/24	339	(400-½)	DE	**3620**/50	339	(400-1)
	35L		ABC	**3640**-¾	387	(400-¾)	DE	**3640**-1¼	387	(400-1¼)
	26		AB	**3680**-½	425	(500-½)	C	**3680**-¾	425	(500-¾)
			DE	**3680**-1	425	(500-1)				
CIRCLING			A	**3720**-1	439	(500-1)	B	**3740**-1	459	(500-1)
			C	**3740-1**½	459	(500-1½)	D	**3840**-2	559	(600-2)
			E	**3980**-2½	699	(700-2½)				

Category D S-26 visibility increased ¼ mile for inoperative MALSR.
Category E S-26 visibility increased ½ mile for inoperative MALSR.
Category E S-17R visibility increased ¼ mile for inoperative MALSR.
Inoperative table does not apply to MALSR Rwy 17R for Category D.

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS), TX

(Amdt 5, 09183 USAF) ELEV **1019**

RADAR[12] - **(E)** Ctc SHEPPARD APP CON 118.2 269.025 ▼ ⚠ NA when Sheppard Approach Control closed. When ASR and IFF/SIF are out, PAR avbl via RADAR pickup fr ILS Rwy 33L.

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[3]	15C[4]	3.0°/46/954	ABCDE	**1203**-½	200	(200-½)
	33C[4]	3.0°/48/957	ABCDE	**1189**-½	200	(200-½)
	15R[4]	3.0°/55/1087	ABCDE	**1198**-½	200	(200-½)
	33L[4]	3.0°/56/1090	ABCDE	**1200**-½	200	(200-½)
ASR	15C[7]		ABCD	**1420**-¾	417	(500-¾)
			E	**1420**-1	417	(500-1)
	15R[5]		ABCD	**1420**-¾	422	(500-¾)
			E	**1420**-1	422	(500-1)
	33L[6]		ABC	**1440**-¾	440	(500-¾)
			DE	**1440**-1	440	(500-1)
	33C[6]		ABC	**1440**-¾	451	(500-¾)
			DE	**1440**-1	451	(500-1)
CIR[8]	All Rwy		A	**1440**-1¼	421	(500-1¼)
			B	**1480**-1¼	461	(500-1¼)
			C	**1480**-1½	461	(500-1½)
			D	**1580**-2	561	(600-2)
			E	**2080**-3	1061	(1100-3)

[1]Sheppard APP CON clsd 0300-1200Z++ dly, ctc FORT WORTH CENTER 127.95 133.5. [2]MP ASR and PAR 1000-1200Z++ Mon-Fri. [3]ASR/PAR Not avbl when Sheppard APP CON is clsd. [4]When ALS inop, increase CAT ABCDE vis to ¾ mile. [5]When ALS inop, increase vis CAT ABCD to 1¼ miles, CAT E to 1½ miles. [6]When ALS inop, increase vis CAT ABC vis to 1¼ miles, CAT DE vis to 1½ miles. [7]When ALS inop, increase CAT ABCD vis to 1¼, CAT E vis to1½. [8]Circling not authorized West of Rwy 15R-33L.

BIGGS AAF (KBIF), TX (Fort Bliss) (Amdt6, 06159 USA) ELEV 3948

RADAR - 124.15 307.0 ▽ ⚠ NA

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR[1]	21		AB	4360-½	412	(500-½)
			CD	4360-¾	412	(500-¾)
			E	4360-1	412	(500-1)
CIR[2]	21		A	4360-1	412	(500-1)
			B	4400-1	452	(500-1)
			C	4400-1½	452	(500-1½)
			DE	4500-2	552	(600-2)

CAUTION: Steeply rising terrain exceeding 7100' 4 miles W of airport. [1]When ALSF inop, increase CAT E visibility to 1½. [2]CAT E circling W of Rwy 3-21 not authorized.

CORPUS CHRISTI NAS (KNGP), (TRUAX FIELD) TX (08325 USN) ELEV 18

RADAR - (E) 6835 134.1 270.8 284.6 337.2 354.8 ▽

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[1]	13R[2]	3.0°/42/773	ABCDE	113-¼	100	(100-¼)
	17	3.0°/42/771	ABCDE	118-½	100	(100-½)
	31L	3.0°/42/817	ABCDE	117-½	100	(100-½)
	35	3.0°/44/813	ABCDE	118-½	100	(100-½)
PAR	13L		ABCDE	320-1	307	(400-1)
SIDESTEP[15]	31R		ABCDE	400-1¼	383	(400-1¼)
PAR W/O GS[1]	17		ABCDE	300-1¼	282	(300-1¼)
	13R[3]		ABCDE	320-1	307	(400-1)
	31L		ABCDE	400-1¼	383	(400-1¼)
	35		ABCDE	400-1¼	382	(400-1¼)
PAR W/O GS	13L		ABCDE	320-1¼	307	(400-1¼)
SIDESTEP[1]	31R		ABCDE	400-1¼	383	(400-1¼)
ASR	13R[4]		A	480-¾	467	(500-¾)
			B	480-1	467	(500-1)
			C	480-1¼	467	(500-1¼)
			DE	480-1¾	467	(500-1¾)
	13L		A	400-1	382	(400-1)
			B	400-1¼	382	(400-1¼)
			C	400-1½	382	(400-1½)
			DE	400-2	382	(400-2)
	17		A	420-1	402	(500-1)
			B	420-1¼	402	(500-1¼)
			C	420-1½	402	(500-1½)
			DE	420-2	402	(500-2)
	31R		A	440-1	422	(500-1)
			B	440-1¼	422	(500-1¼)
			C	440-1½	422	(500-1½)
			DE	440-2	422	(500-2)
	31L		A	440-1	423	(500-1)
			B	440-1¼	423	(500-1¼)
			C	440-1½	423	(500-1½)
			DE	440-2	423	(500-2)

CORPUS CHRISTI NAS (KNGP)(CON'T), (TRUAX FIELD) TX (08325 USN)

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
	35		A	440-1	422	(500-1)
			B	440-1¼	422	(500-1¼)
			C	440-1½	422	(500-1½)
			DE	440-2	422	(500-2)
	4		A	480-1	463	(500-1)
			B	480-1¼	463	(500-1¼)
			C	480-1½	463	(500-1½)
			DE	480-2	463	(500-2)
CIR[6]	All Rwys		AB	480-1	462	(500-1)
			C	480-1½	462	(500-1½)
			D	580-2	562	(600-2)
			E	620-2¼	602	(700-2¼)

[1]No-NOTAM MP: PAR Mon-Fri 1100-1300Z++, exc 1st and 3rd Wed of month 1000-1300Z++. [2]When ALS inop, increase vis CAT ABCDE to ½ mile. [3]When ALS inop, increase vis CAT ABCDE to 1¼ mile. [4]When ALS inop, increase vis CAT A to 1 mile, CAT B to 1¼ mile, CAT C to 1½ mile, CAT DE to 2 miles. [5]Circling fr Sidestep NA. Sidestep NA prior to 2 miles fr touchdown. [6]Circling authorized only from ASR and PAR W/O GS. When circling from PAR W/O GS increase CAT AB vis to 1¼ mile.

EL PASO, TX

Amdt. 13C, MAR 12, 2009 (FAA)

ELEV **3956**

EL PASO INTL

RADAR- 124.25 298.85

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	22		ABC	**4320**/24	371	(400-½)	DE	**4320**/50	371	(400-1)
	26L		AB	**4380**-¾	422	(500-1)	CDE	**4380**-1¼	422	(500-1¼)
	4		AB	**4400**-1	479	(500-1)	C	**4400**-1¼	479	(500-1¼)
			D	**4400**-1½	479	(500-1½)	E	**4400**-1¾	479	(500-1¾)
CIRCLING[1]			A	**4420**-1	462	(500-1)	B	**4460**-1	502	(600-1)
			C	**4460**-1½	502	(600-1½)	D	**4520**-2	562	(600-2)
			E	**4660-2½**	702	(800-2½)				

[1]Category E circling west of airport NA.
Alternate Minimums: Standard, except Cat E 800-2½.
Inoperative table does not apply to Category C S-26L.
CAUTION: Steeply rising terrain 4.5 NM West of airport.
For inoperative MALSR increase categories D,E visibility to RVR 6000.

KINGSVILLE NAS (KNQI), TX (09295 USN) ELEV 50

RADAR[1] - (E) 128.45x 300.4x 305.2x 310.8x 322.0x 325.2x 358.0x 363.6x 384.4x

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR[8]	35R[2]	3.0°/34/623	ABCDE	148-¼	100	(100-¼)
	31L	3.0°/33/596	ABCDE	144-½	100	(100-½)
	31R	3.0°/37/679	ABCDE	145-½	100	(100-½)
	13L	3.0°/35/653	ABCDE	149-½	100	(100-½)
	35L	3.0°/33/618	ABCDE	149-½	100	(100-½)
	13R	3.0°/33/625	ABCDE	150-½	100	(100-½)
	17L	3.0°/35/652	ABCDE	150-½	100	(100-½)
	17R	3.0°/36/684	ABCDE	150-½	100	(100-½)
PAR W/O GS[8]	31L		ABCDE	320-1¼	276	(300-1¼)
	31R		ABCDE	320-1¼	275	(300-1¼)
	17L		ABCDE	340-1¼	290	(300-1¼)
	17R		ABCDE	340-1¼	290	(300-1¼)
	35R[3]		ABCDE	400-¾	352	(400-¾)
	35L		ABCDE	400-1¼	351	(400-1¼)
	13L		ABCDE	420-1¼	371	(400-1¼)
	13R		ABCDE	480-1¼	430	(500-1¼)
ASR	35R[4]		AB	400-½	352	(400-½)
			CDE	400-¾	352	(400-¾)
	17L		ABC	400-1	350	(400-1)
			DE	400-1¼	350	(400-1¼)
	17R		ABC	400-1	350	(400-1)
			DE	400-1¼	350	(400-1¼)
	31L		ABCD	380-1	336	(400-1)
			E	380-1¼	336	(400-1¼)
	31R		ABCD	380-1	335	(400-1)
			E	380-1¼	335	(400-1¼)
	35L		ABC	400-1	351	(400-1)
			DE	400-1¼	351	(400-1¼)
	13L		AB	500-1	450	(500-1)
			C	500-1¼	450	(500-1¼)
			DE	500-1½	450	(500-1½)
	13R		AB	500-1	450	(500-1)
			C	500-1¼	450	(500-1¼)
			DE	500-1½	450	(500-1½)
CIR[567]	All Rwys		AB	500-1	450	(500-1)
			C	500-1½	450	(500-1½)
			D	620-2	570	(600-2)
			E	680-2¼	630	(700-2¼)

[1]Use landing/taxi lights when conducting apch during VMC. [2]When ALS inop, increase vis CAT ABCDE to ½ mile. [3]When ALS inop, increase vis CAT ABCDE to 1¼ mile. [4]When ALS inop, increase vis CAT ABC to 1 mile, CAT DE to 1¼ mile. [5]CAT E circling not authorized SW of Rwy 13-31. [6]Circling authorized only from PAR W/O GS and ASR. [7]For Circling from PAR W/O GS increase CAT AB vis to 1¼ mile. [8]No NOTAM MP: PAR 1400-1600Z++Mon. Maint conducted next bus day if fld clsd on Mon.

MIDLAND, TX
MIDLAND INTL

Amdt 5, MAY 20,1999 (FAA) ELEV **2871**

RADAR- 124.6 290.4 ⚠

	RWYGS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	10	ABC	**3260**/24	392	(400-½)	DE	**3260**/50	392	(400-1)
	34L	AB	**3260**-1	403	(400-1)	CD	**3260**-1¼	403	(400-1¼)
		E	**3260**-1½	403	(400-1½)				
	16R	AB	**3280**-1	409	(500-1)	CD	**3280**-1¼	409	(500-1¼)
		E	**3280**-1½	409	(500-1½)				
	28	AB	**3280**-¾	423	(500-¾)	CD	**3280**-1¼	423	(500-1¼)
		E	**3280**-1½	423	(500-1½)				
	4	AB	**3300**-1	450	(500-1)	C	**3300**-1¼	450	(500-1¼)
		DE	**3300**-1½	450	(500-1½)				
	22	AB	**3540**-1	687	(700-1)	C	**3540**-2	687	(700-2)
		D	**3540**-2¼	687	(700-2¼)	E	**3540**-2½	687	(700-2½)
CIRCLING		AB	**3540**-1	669	(700-1)	C	**3540**-2	669	(700-2)
		D	**3540**-2¼	669	(700-2¼)	E	**3600**-2½	729	(800-2½)

Inoperative table does not apply to MALS S-28 for Category C.
Category D and Category E S-10 visibility increases to RVR 6000 for inoperative MALSR .

ROBERT GRAY AAF (KGRK), TX (Fort Hood) (Amdt 8, 03051 USA) ELEV **1019**

RADAR **- (E)** 118.0 244.0 (GCA) ⚠ NA

	RWY	GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	33	3.0°/64/1019	AB	1187-½	200	(200-½)
			CDE	1187-¾	200	(200-¾)
	15	3.0°/52/1026	AB	1219/24	200	(200-½)
			CDE	1219/40	200	(200-¾)
ASR	33		AB	1460-¾	473	(500-¾)
			C	1460-1	473	(500-1)
			D	1460-1¼	473	(500-1¼)
			E	1460-1½	473	(500-1½)
	15		AB	1520/40	501	(600-¾)
			CD	1520/60	501	(600-1¼)
			E	1520-1½	501	(600-1½)
CIR[1]	All Rwy		AB	1520-1	501	(600-1)
			C	1560-1½	541	(600-1½)
			D	1580-2	561	(600-2)
			E	1740-2½	721	(800-2½)

[1]Circling not authorized W of Rwy 15-33.

SAN ANGELO, TX

Amdt. 1, MAR 25, 1999 (FAA) ELEV **1917**

SAN ANGELO RGNL/MATHIS FIELD

RADAR-125.35 354.1

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	36	AB	**2460**-1	543	(600-1)	C	**2460**-1½	543	(600-1½)
		D	**2460**-1¾	543	(600-1¾)	E	**2460**-2	543	(600-2)
	18	AB	**2480**-1	573	(600-1)	C	**2480**-1½	573	(600-1½)
		D	**2480**-1¾	573	(600-1¾)	E	**2480**-2	573	(600-2)
CIRCLING		AB	**2480**-1	563	(600-1)	C	**2480**-1½	563	(600-1½)
		D	**2480**-2	563	(600-2)	E	**2520**-2¼	603	(700-2¼)

Category E circling NA west of runway 18-36.

WACO, TX

Amdt. 1A, JUL 2, 2009 (FAA) ELEV **592**

MC GREGOR EXECUTIVE

RADAR- 135.2 352.0

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17	AB	**1020**-1	430	(500-1)	C	**1020**-1¼	430	(500-1¼)
		D	**NA**						
CIRCLING		A	**1040**-1	448	(500-1)	B	**1060**-1	468	(500-1)
		C	**1060**-1½	468	(500-1½)	D	**NA**		

WACO, TX

Amdt. 4, AUG 05, 2004 (FAA) ELEV **470**

TSTC WACO

RADAR- 135.2 227.125

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	17L	AB	**1080**-½	611	(700-½)	C	**1080**-1¼	611	(700-1¼)
		D	**1080**-1½	611	(700-1½)				
CIRCLING		AB	**1080**-1	610	(700-1)	C	**1080**-1¾	610	(700-1¾)
		D	**1080**-2	610	(700-2)				

When Waco Regional approach control closed, ASR not authorized.

WACO, TX

Amdt. 3, APR 6, 1995 (FAA) ELEV **516**

WACO RGNL

RADAR- 135.2 227.125 ⚠

	RWY GS/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
ASR	19	ABC	**880**/24	376	(400-½)	D	**880**/50	376	(400-1)
	1	ABC	**900**-1	390	(400-1)	D	**900**-1¼	390	(400-1¼)
	14	AB	**980**-1	468	(500-1)	C	**980**-1¼	468	(500-1¼)
		D	**980**-1½	468	(500-1½)				
	32	AB	**1000**-1	484	(500-1)	C	**1000**-1¼	484	(500-1¼)
		D	**1000**-1½	484	(500-1½)				
CIRCLING		AB	**1000**-1	484	(500-1)	C	**1000**-1½	484	(500-1½)
		D	**1080**-2	564	(600-2)				

Category D S-19 visibility RVR 6000 with inoperative MALSR.

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME	TAKE-OFF MINIMUMS

ABILENE, TX

ABILENE RGNL (ABI)
AMDT 2 07354 (FAA)

TAKE-OFF MINIMUMS: **Rwy 22,** 300-2½ or std. w/ min. climb of 233' per NM to 2200.

DEPARTURE PROCEDURE: **Rwy 17L,** climb heading 180° to 3200 before proceeding on course.

NOTE: **Rwy 4,** multiple trees beginning 1945' from DER, 872' left of centerline, up to 100' AGL/1859' MSL. Terrain 103' from DER, 59' right of centerline up to 0' AGL/1766' MSL. Terrain 121' from DER, 457' right of centerline, up to 0' AGL/1769' MSL. **Rwy 17L,** tower 7 NM from DER, right of centerline up to 543' AGL/2903' MSL. Tower 6 NM from DER, right of centerline up to 400' AGL/2699' MSL. Tower 7.7 NM from DER, left of centerline, up to 749' AGL/2957' MSL. Multiple trees beginning 151' from DER, 158' left of centerline, up to 100' AGL/1879' MSL. Multiple trees beginning 149' from DER, 355' right of centerline, up to 100' AGL/1879' MSL. **Rwy 22,** tower 1.9 NM from DER, 284' left of centerline, up to 306' AGL/2050' MSL. Mutliple trees beginning 119' from DER, 402' left of centerline up to 17' AGL/1769' MSL. Tower 4018' from DER, 225' right of centerline, up to 135' AGL/1869' MSL. Antenna on tower 1.9 NM from DER, 252' left of centerline, up to 306' AGL/2050' MSL.

NAME	TAKE-OFF MINIMUMS

ABILENE RGNL (ABI) (CON'T)

Rwy 35L, tower 194' from DER, 516' right of centerline 100' AGL/1769' MSL. Multiple trees beginning 2047' from DER, 851' right of centerline, up to 100' AGL/1869' MSL. **Rwy 35R,** antenna 1154' from DER, 264' left of centerline 100' AGL/1821' MSL. Multiple trees beginning 2848' from DER, 242' left of centerline up to 100' AGL/1889' MSL. Multiple trees beginning 279' from DER, 328' right of centerline, up to 100' AGL/1889' MSL. Terrain 231' from DER, 66' left of centerline, up to 0' AGL/1805' MSL. Terrain 230' from DER, 190' right of centerline, up to 100' AGL/1805' MSL. **Rwy 17R,** multiple trees beginning 1013' from DER, 372' left of centerline, up to 100' AGL/1889' MSL. Multiple trees beginning 147' from DER, 370' right of centerline up to 100' AGL/1879' MSL.

AMARILLO, TX

RICK HUSBAND AMARILLO INTL

DEPARTURE PROCEDURE: **Rwy 22,** climb heading 218° to 4100 before turning northbound. **Rwy 31,** climbing right turn heading 360° to 5400 before turning westbound.

NOTE: **Rwy 31,** sign 23' from departure end of runway, 257' right of centerline, 6' AGL/3605' MSL.

TRADEWIND (TDW)
AMDT 2A 08185 (FAA)

TAKE-OFF MINIMUMS: **Rwys 5,23,** NA. **Rwy 35,** 600-2 or std. with a min. climb of 300´ per NM to 4600.

ANDREWS, TX

ANDREWS COUNTY (E11)

AMDT 1 09239 (FAA)

TAKE-OFF MINIMUMS: **Rwy 20,** 400-2¼ or std. w/ min. climb of 229' per NM to 3700.

DEPARTURE PROCEDURE: **Rwy 11,** climb heading 114° to 3600 before turning left. **Rwy 29,** climb heading 294° to 3600 before turning left.

NOTE: **Rwy 34,** antenna 1189' from DER, 588' left of centerline, 52' AGL/3236' MSL. Poles beginning 181' from DER, 470' left of centerline, up to 36' AGL/3210' MSL. Bush 471' from DER, 92' left of centerline, 7' AGL/3186' MSL. Tree 1207' from DER, 587' left of centerline, 44' AGL/3228' MSL. Bushes beginning 282' from DER, 305' right of centerline, up to 10' AGL/3189' MSL. Tree 4780' from DER, 895' right of centerline, 100' AGL/3304' MSL.

ARLINGTON, TX

ARLINGTON MUNI

DEPARTURE PROCEDURE: **Rwy 16,** climb heading 162° to 2500 before turning left. **Rwy 34,** climb heading 342° to 1400 before turning southeast bound.

NOTE: **Rwy 16,** multiple reils beginning 77' from departure end of runway, 127' right of centerline, 7' AGL/601' MSL. Multiple reils beginning 74' from departure end of runway, 126' left of centerline, 7' AGL/603' MSL. Tree 590' from departure end of runway, 480' right of centerline, 16' AGL/614' MSL. **Rwy 34,** tree 1083' from departure end of runway, 710' right of centerline, 35' AGL/670' MSL. Tree 705' from departure end of runway, 403' left of centerline, 38' AGL/654' MSL. Tree 231' from departure end of runway, 464' left of centerline, 35' AGL/642' MSL. Multiple trees beginning 1093' from departure end of runway, 415' right of centerline, up to 39' AGL/663' MSL.

Chart note: tower farm 7.2 NM southeast of airport up to 2549' MSL.

ATLANTA, TX

HALL-MILLER MUNI

TAKE-OFF MINIMUMS: **Rwy 15,** 500-2or std. with a min. climb of 260' per NM to 600.

DEPARTURE PROCEDURE: **Rwys 5,33**, climb runway heading to 500 before turning.

NOTE: 248' AGL tower 1.09 NM southeast of departure end of runway 15.

BIG SPRING, TX

BIG SPRING MCMAHON-WRINKLE

TAKE-OFF MINIMUMS: **Rwy 6,** 600-3 or std. with a min. climb gradient of 370' per NM to 3300.

DEPARTURE PROCEDURE: **Rwy 17,** climb runway heading to 3100 before turning left.

NOTE: **Rwy 6,** cross departure end of runway at or above 35' AGL/2608' MSL. Tank, 7047' from departure end of runway, 2180' left of centerline, 135' AGL/2859' MSL.

BONHAM, TX

JONES FIELD

TAKE-OFF MINIMUMS: **Rwy 17,** 400-2 or std. with a min. climb of 350´ per NM to 1100.

BORGER, TX

HUTCHINSON COUNTY (BGD)

AMDT 1 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 200-1½ or std. w/ min. climb of 421' per NM to 3400.

NOTE: **Rwy 3,** tree 3200' from departure end of runway, 851' left of centerline, 100' AGL/3129' MSL. **Rwy 17,** pole 683' from departure end of runway, 396' right of centerline, 21' AGL/3090' MSL. Trees beginning 820' from departure end of runway, 279' right of centerline, up to 34' AGL/3093' MSL. Vehicle on road 219' from departure end of runway, 513' right to left of centerline, 15' AGL/3074' MSL. Vehicle on road 1141' from departure end of runway, 772' right to left of centerline, 17' AGL/3086' MSL. Trees beginning 1628' from departure end of runway, 207' left of centerline, up to 43' AGL/3112' MSL. Antenna 1427' from departure end of runway, 15' left of centerline, 46' AGL/3105' MSL. **Rwy 21,** bush 138' from departure end of runway, 109' right of centerline, 31' AGL/3040' MSL.

BOWIE, TX

BOWIE MUNI (0F2)

ORIG 09071 (FAA)

NOTE: **Rwy 17,** tree 131' from DER, 311' right of centerline, 100' AGL/1169' MSL. Trees beginning 122' from DER, 313' left of centerline, up to 100' AGL/1199' MSL. **Rwy 35,** tree 418' from DER, 299' left of centerline, 100' AGL/1206' MSL. Vehicle on road 726' from DER, 471' left of centerline, 15' AGL/1131' MSL.

BRIDGEPORT, TX

BRIDGEPORT MUNI (XBP)

AMDT 2 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwy 18,** 400-2 or std. w/ min. climb of 458' per NM to 1300. **Rwy 36,** 300-1¼ or std. w/ min. climb of 427' per NM to 1200.

NOTE: **Rwy 18,** trees beginning 2383' from DER, 504' right of centerline, up to 100' AGL/1169' MSL. Trees beginning 2438' from DER, 525' left of centerline, up to 100' AGL/1109' MSL. Tower 1.2 NM from DER, 664' left of centerline, 55' AGL/1046' MSL. Tower 1.2 NM from DER, 1121' left of centerline, 55' AGL/1042' MSL. **Rwy 36,** trees beginning 111' from DER, 21' right of centerline, up to 100' AGL/851' MSL. Trees beginning 607' from DER, 430' left of centerline, up to 100' AGL/1039' MSL. Hanger 12' from DER, 424' right of centerline, 17' AGL/827' MSL. Multiple poles and towers beginning 1064' from DER, 297' left of centerline, 43' AGL/969' MSL.

BROWNFIELD, TX

TERRY COUNTY (BFE)

ORIG 09295 (FAA)

NOTE: **Rwy 2,** aircraft on taxiway beginning at DER, 188' left of centerline, up to 17' AGL/3281' MSL. Vehicle on roadway, 121' from DER, 519' right of centerline, 15' AGL/3269' MSL. Hangar 591' from DER, 333' left of centerline, 30' AGL/3289' MSL. Tree 950' from DER, 179' right of centerline, 34' AGL/3299' MSL. **Rwy 13,** vehicles on roadway beginning 71' from DER, 61' left of centerline, up to 15' AGL/3269' MSL. **Rwy 20,** tree 2937' from DER, 1108' right of centerline, 75' AGL/3329' MSL. **Rwy 31,** vehicles on roadway beginning at DER, 198' left of centerline, up to 15' AGL/3284' MSL. Aircraft on taxiway beginning at DER, 253' right of centerline, up to 17' AGL/3281' MSL. Vehicles on roadway beginning 299' from DER, 14' right of centerline up to 15' AGL/3284' MSL. Hangar 572' from DER, 597' right of centerline, 30' AGL/3299' MSL. Tree 1832' from DER, 233' right of centerline, 75' AGL/3344' MSL.

CADDO MILLS, TX

CADDO MILLS MUNI

TAKE-OFF MINIMUMS: **Rwys 17L, 35R,** NA.

CANADIAN, TX

HEMPHILL COUNTY

TAKE-OFF MINIMUMS: **Rwy 4,** 300-1¼ or std. with a min. climb of 282' per NM to 2700. **Rwy 18,** std. w/ min. climb of 239' per NM to 3600, or 1400-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 18,** for climb in visual conditions cross Hemphill County Airport at or above 3600 before proceeding on course. **Rwy 22,** climb heading 216° to 3000 before turning left.

NOTE: **Rwy 4,** grain elevator 5728' from departure end of runway, 1384' left of centerline, 220' AGL/2580' MSL. Tower 1.1 NM from departure end of runway, 6' right of centerline, 123' AGL/2548' MSL. **Rwy 18,** terrain 361' from departure end of runway, 569' left of centerline, 0' AGL/2409' MSL.

CLEBURNE, TX

CLEBURNE MUNI (CPT)

ORIG 08045 (FAA)

NOTES: **Rwy 15,** Tree 484' from departure end of runway, 211' left of centerline, 100' AGL/959' MSL. Light pole 1329' from departure end of runway, 285' right of centerline, 30' AGL/889' MSL. **Rwy 33,** Trees and light pole beginning 355' from departure end of runway, 45' right of centerline, up to 100' AGL/979' MSL. Trees beginning 1631' from departure end of runway, 94' left of centerline, up to 100' AGL/979' MSL.

COMMERCE, TX

COMMERCE MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 400-2 or std. with a min. climb 230' per NM to 900.

DALHART, TX

DALHART MUNI

TAKE-OFF MINIMUMS: **Rwy 3,** 600-2 or std. with a min. climb of 250´ per NM to 4400.

DALLAS, TX

ADDISON

TAKE-OFF MINIMUMS: **Rwy 15,** 400-2¼ or std. with a min. climb of 324' per NM to 1100.

NOTE: **Rwy 15,** multiple buildings beginning 1085' from departure end of runway, 21' left of centerline, up to 321' AGL/956' MSL. Building with antenna 1.9 NM from departure end of runway, 968' right of centerline, 345' AGL/975' MSL. Pole 666' from departure end of runway, 640' left of centerline, 60' AGL/681' MSL. Multiple trees beginning 721' from departure end of runway, 115' left of centerline, up to 40' AGL/675' MSL. Road, railroad beginning 268' from departure end of runway,5' right of centerline, up to 23' AGL/655' MSL. **Rwy 33,** multiple poles and trees beginning 640' from departure end of runway, 21' left of centerline, up to 60' AGL/709' MSL. Multiple buildings beginning 1225' from departure end of runway, 147' left of centerline, up to 37' AGL/697' MSL. Multiple buildings beginning 45' from departure end of runway, 458' right of centerline, up to 57' AGL/696' MSL. Multiple poles beginning 922' from departure end of runway, 186' right of centerline, up to 60' AGL/720' MSL.

COLLIN COUNTY RGNL AT MC KINNEY (TKI)

AMDT 1 09351 (FAA)

NOTE: **Rwy 17,** bush 29' from DER, 499' right of centerline, 5' AGL/591' MSL. Obstruction light on DME 400' from DER, 266' right of centerline, 16' AGL/602' MSL. Trees 784' from DER, 574' right of centerline, 39' AGL/625' MSL. **Rwy 35,** trees 1060' from DER, 634' right of centerline, 65' AGL/605' MSL. Trees beginning 1532' from DER, 632' left of centerline, up to 79' AGL/626' MSL.

DALLAS EXECUTIVE

TAKE-OFF MINIMUMS: **Rwy 17,** 400-2¾ or std. w/ min. climb of 275' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 13,** climb via heading 129° to 2600 before turning westbound. **Rwy 17,** climb via heading 174° to 2600 before turning westbound **Rwy 31,** climb via heading 309° to 1600 before turning southbound. **Rwy 35,** climb via heading 354° to 1600 before turning southbound.

NOTE: **Rwy 17,** tree 468' from departure end of runway, 454' left of centerline, 35' AGL/699' MSL. Tree 113' from departure end of runway, 516' right of centerline, 30' AGL/679' MSL. Tree 871' from departure end of runway, 405' left of centerline, 35' AGl/685' MSL. Tree 651' from departure end of runway, 303' right of centerline, 35' AGL/699' MSL. **Rwy 31,** tree 481' from departure end of runway, 552' right of centerline, 30' AGL/677' MSL. Tree 2978' from departure end of runway, 802' left of centerline, 46' AGL/732' MSL. **Rwy 35,** tree 534' from departure end of runway, 302' left of centerline, 34' AGL/671' MSL. Tree 745' from departure end of runway, 371' left of centerline, 35' AGL/672' MSL. Tree 972' from departure end of runway, 405' right of centerline, 35' AGL/675' MSL. **Rwy 13,** obstruction light on blast fence 109' from departure end of runway, 347' left of centerline, 6' AGL/658' MSL.

DALLAS, TX (CON'T)

DALLAS-LOVE FIELD

TAKE-OFF MINIMUMS: **Rwy 13L,** std. with a min. climb of 289' per NM to 1700.

DEPARTURE PROCEDURE: **Rwy 13 R,** use BACHMAN DEPARTURE. **Rwy 18,** climb via heading 180° to 1300 before turning left. **Rwys 31L, 31R,** climb via heading 310° to 1200 before turning left.

NOTE: **Rwy 13L,** multiple poles and trees beginning 844' from departure end of runway, 515' left of centerline, up to 54' AGL/541' MSL. Crane 5270' from departure end of runway, 568' left of centerline, 130' AGL/630' MSL. Antenna on tank 1.5 NM from departure end of runway, 369' left of centerline, 208' AGL/712' MSL. **Rwy 18,** building 303' from departure end of runway, 354' right of centerline, 47' AGL/507' MSL. Tree 775' from departure end of runway, 138' right of centerline, 32' AGL/513' MSL. Tree 821' from departure end of runway, 329' right of centerline, 39' AGL/519' MSL. Tree 1031' from departure end of runway, 107' right of centerline, 49' AGL/530' MSL. Tree 1254' from departure end of runway, 399' left of centerline, 50' AGL/531' MSL. Tree 2004' from departure end of runway, 413' right of centerline, 55' AGL/536' MSL. **Rwy 31L,** multiple trees beginning 327' from departure end of runway, 374' right of centerline, up to 22' AGL/501' MSL. **Rwy 31R,** multiple trees beginning 366' from departure end of runway, 552' right of centerline, up to 29' AGL/505' MSL. Pole 39' from departure end of runwy, 501' left of centerline, 27' AGL/487' MSL. Pole 1531' from departure end of runway, 717' right of centerline, 61' AGL/521' MSL. Trees 2080' from departure end of runway, 644' right of centerline, 54' AGL/530' MSL. **Rwy 36,** tree 52' from departure end of runway, 390' left of centerline, 43' AGL/523' MSL. Obstruction light on blast fence, 56' from departure end of runway, 298' right of centerline, 7' AGL/487' MSL. Trees 433' from departure end of runway, 357' right of centerline, 16' AGL/496' MSL. Trees 661' from departure end of runway, 95' left of centerline, 25' AGL/505' MSL. Building 898' from departure end of runway, 223' right of centerline, 25' AGL/505' MSL. Tree 1773' from departure end of runway, 240' right of centerline, 79' AGL/559' MSL. Multiple transmission line towers beginning 2577' from departure end of runway, 116' left of centerline, up to 68' AGL/556' MSL. Transmission line tower 2701' from departure end of runway, 818' right of centerline, 68' AGL/572' MSL.

DALLAS-FORT WORTH, TX

DALLAS-FORT WORTH INTL

TAKE-OFF MINIMUMS: **Rwy 35R,** 200-1½ or std. w/ min. climb of 221' per NM to 800, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 35R,** climb heading 354° to 1200 before turning right.

NOTE: **Rwy 31L,** tree 1229' from departure end of runway, 730' right of centerline, 28' AGL/637' MSL. Transmission pole 3403' from departure end of runway, 1399' right of centerline, 86' AGL/708' MSL. Multiple trees beginning 928' from departure end of runway, 724' left of centerline, up to 55' AGL/654' MSL. **Rwy 35R,** multiple buildings beginning 5443' from departure end of runway, 202' right of centerline, up to 173' AGL/714' MSL.

DECATUR, TX

DECATUR MUNI (LUD)

AMDT 2 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** std. with a min. climb of 290' per NM to 3500, or 1400-2½ for climb in visual conditions. **Rwy 35,** std. with a min. climb of 315' per NM to 3500, or 1400-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 17, 35,** For climb in visual conditions, cross Decatur Muni Airport at or above 2400, before proceeding on course.

NOTE: **Rwy 17,** tower 5150' from departure end of runway, 896' right of centerline, 117' AGL/1173' MSL.

DENTON, TX

DENTON MUNI

NOTE: **Rwy 17,** multiple trees beginning 190' from departure end of runway, 178' right of centerline, up to 66' AGL/665' MSL. Building 371' from departure end of runway, 261' left of centerline, 14' AGL/643' MSL. **Rwy 35,** tree 1242' from departure end of runway, 806' right of centerline, 63' AGL/692' MSL.

DYESS AFB (KDYS),

ABILENE, TX 08297

TAKE-OFF OBSTACLES: **RWY 16:** Tree, 100' AGL/1911' MSL, 2603' from DER, 484' right of centerline. Tree, 100' AGL/1888' MSL, 2720' from DER, 1153' left of centerline. Tree, 100' AGL/1885' MSL, 2679' from DER, 1218' left of centerline. Tree, 100' AGL/1888' MSL, 2203' from DER, 1150' right of centerline. Tree, 100' AGL/1888' MSL, 2194' from DER, 1177' right of centerline. Tree, 100' AGL/1885' MSL, 2639' from DER, 1207' left of centerline. Tree, 100' AGL/1885' MSL, 2621' from DER, 1173' left of centerline. Tree, 100' AGL/1885' MSL, 2616' from DER, 1201' left of centerline. Tree, 100' AGL/1885' MSL, 2576' from DER, 1190' left of centerline. **RWY 34:** Terrain, 1796' MSL, 173' from DER, 545' left of centerline. Terrain, 1791' MSL, 19' from DER, 499' left of centerline. ASSAULT STRIP 162°: Vehicle, 15' AGL/1871' MSL, 104' from DER, 525' right of centerline. Terrain, 0' AGL/1805' MSL, 22' from DER, 95' left of centerline. ASSAULT STRIP 342°: Tree, 100' AGL/1824' MSL, 2060' from DER, 249' right of centerline. Tree, 100' AGL/1824' MSL, 1768' from DER, 299' right of centerline. Tree, 100' AGL/1824' MSL, 1602' from DER, 89' right of centerline. Tree, 100' AGL/1826' MSL, 1335' from DER, 272' right of centerline. Tree, 100' AGL/1824' MSL, 1134' from DER, 344' right of centerline. Tower, 16' AGL/1807' MSL, 370' from DER, 226' right of centerline. Terrain, 0' AGL/1794' MSL, 17' from DER, 240' left of centerline.

EASTLAND, TX

EASTLAND MUNI

TAKE-OFF MINIMUMS: **Rwy 35**, 300-1 ½ or std. with min. climb of 416' per NM to 1800.

NOTES: **Rwy 17**, multiple trees beginning 261' from departure end of runway left and right of centerline up to 100' AGL/1549' MSL. **Rwy 35**, multiple trees beginning 49' from departure end of runway 371' right of centerline and 871' from departure end of runway left and right of centerline up to 100' AGL/1689' MSL.

FLOYDADA, TX

FLOYDADA MUNI (41F)

ORIG 09295 (FAA)

NOTE: **Rwy 17,** silo 3320' from DER, 355' right of centerline, 149' AGL/3329' MSL. Building 3648' from DER, 248' right of centerline, 108' AGL/3289' MSL. **Rwy 35,** road and vehicle beginning 525' from DER, 19' left and right of centerline, up to 15' AGL/3202' MSL.

FORT WORTH, TX

BOURLAND FIELD (50F)

ORIG 08269 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** std. w/ min. climb of 453' per NM to 1500 or 300-1 and min. climb of 211' per NM to 1500 or 900-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 17,** for climb in visual conditions: cross Bourland Field at or above 1600 before proceeding on course.

NOTE: **Rwy 17,** trees beginning 65' from departure end of runway, 8' left of centerline, up to 30' AGL/969' MSL. **Rwy 35,** terrain beginning 15' from departure end of runway, 9' right of centerline, up to 981' MSL. Terrain beginning 91' from departure end of runway, 36' left of centerline, up to 959' MSL. Vehicle on road 276' from departure end of runway, 346' right of centerline, 17' AGL/869' MSL.

FORT WORTH ALLIANCE

TAKE-OFF MINIMUMS: **Rwy 16L,** 300-2¼ or std. w/ min. climb of 208' per NM to 1100, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient. Takeoff must occur no later than 1400' prior to departure end of runway. **Rwy 16R,** 300-2¼ or std. w/ min. climb of 210' per NM to 1100, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 16R,** climb heading 163° to 1200 before turning right.

NOTE: **Rwy 16L,** light pole 1285' from departure end of runway, 689' left of centerline, 48' AGL/697' MSL. Water tower 1.8 NM from departure end of runway, 3122' right of centerline, 148' AGL/954' MSL. **Rwy 16R,** fence 4' from departure end of runway, 250' right of centerline, 12' AGL/669' MSL. Water tower 1.8 NM from departure end of runway, 2521' right of centerline, 148' AGL/954' MSL. Tower 1.5 NM south of departure end of runway, 4138' right of centerline, 203' AGL/1002' MSL. **Rwy 34L,** fence 8' from departure end of runway, 250' left of centerline, 6' AGL/719' MSL. Railroad 421' from departure end of runway, 409' left of centerline, 23' AGL/738' MSL. **Rwy 34R,** antenna 218' from departure end of runway, 146' left of centerline, 28' AGL/728' MSL.

FORT WORTH, TX (CON'T)

FORT WORTH MEACHAM INTL

TAKE-OFF MINIMUMS: **Rwy 9,** 300-1½ or std. w/ min. climb of 216' per NM to 1000, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway. **Rwy 34,** 300-2 or std. w/ min. climb of 222' per NM to 1100, or alternatively, w/ standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 092° to 2000 before proceeding on course. **Rwy s 16, 17,** climb heading 164° to 2000 before proceeding on course.

NOTE: **Rwy 9,** windsock 293' from departure end of runway, 354' left of centerline, 51' AGL/721' MSL. Sign on building 481' from departure end of runway, 407' right of centerline, 39' AGL/702' MSL. Sign 2448' from departure end of runway, 540' left of centerline, 75' AGL/742' MSL. Grain elevators beginning 7085' from departure end of runway, 2191' left of centerline, 229' AGL/877' MSL. **Rwy 17,** bush 13' from departure end of runway, 160' right of centerline, 21' AGL/674' MSL. Antenna 953' from departure end of runway, 394' left of centerline, 72' AGL/722' MSL. Hangar 1380' from departure end of runway, 744' left of centerline, 43' AGL/703' MSL. **Rwy 27,** tree 239' from departure end of runway, 492' left of centerline, 35' AGL/685' MSL. **Rwy 34,** multiple trees 974' from departure end of runway, 62' right of centerline, up to 47' AGL/746' MSL. Grain elevator 1.52 NM from departure end of runway, 2775' right of centerline, 254' AGL/969' MSL. **Rwy 35,** tree 1' from departure end of runway, 248' left of centerline, 40' AGL/690' MSL. Tree 567' from departure end of runway, 225' right of centerline, 45' AGL/699' MSL. Bush 55' from departure end of runway, 143' left of centerline, 21' AGL/681' MSL. Obstruction light on dam 1359' from departure end of runway, 1' right of centerline, 46' AGL/706' MSL.

FORT WORTH SPINKS

TAKE-OFF MINIMUMS: **Rwys 17L,35R**, NA. (Environmental)

DEPARTURE PROCEDURE: **Rwy 17R** climb heading 173° to 1200 before turning right.

NOTE: **Rwy 17R,** tree 4909' from departure end of runway, 1556' left of centerline, 60' AGL/830' MSL.

FORT WORTH, NAS JRB (CARSWELL FLD) (NFW)

FORT WORTH, TX

CAUTION: Rwy 17 departure surface begins at 5' above DER elevation.

GAINESVILLE, TX
GAINESVILLE MUNI (GLE)
ORIG 09127 (FAA)
NOTE: **Rwy 17,** trees and poles beginning 1' from DER, 472' right and left of centerline, up to 25' AGL/819' MSL. **Rwy 30,** taxiways beginning 651' from DER, crossing centerline left to right 859' MSL. Trees and terrain beginning 2' from DER, 14' left and right of centerline, up to 64' AGL/890' MSL. **Rwy 35,** terrain, trees, poles, road, and vehicle beginning 149' from DER, 51' left of centerline, up to 95' AGL/940' MSL. Terrain and poles beginning 13' from DER, 85' right of centerline, up to 37' AGL/882' MSL.

GLADEWATER, TX
GLADEWATER MUNI
TAKE-OFF MINIMUMS: NOTE: **Rwy 14,** temp oil rig 390' MSL, 1853' from departure end of runway, 718' left of centerline.

GRAHAM, TX
GRAHAM MUNI
DEPARTURE PROCEDURE: **Rwys 17, 21,** climb runway heading to 2000 before proceeding on course.
NOTE: **Rwy 17,** light pole 21' from departure end of runway, 195' left of centerline, 30' AGL/1141' MSL. Light pole 86' from departure end of runway, 381' left of centerline, 50' AGL/1168' MSL.

GRANBURY, TX
GRANBURY RGNL
TAKE-OFF MINIMUMS: **Rwy 14,** 300-1.
NOTE: **Rwy 14,** power line 1922' from departure end of runway, 176' right of centerline, 52' AGL/862' MSL.

GRAND PRAIRIE, TX
GRAND PRAIRIE MUNI (GPM)
AMDT 4 09295 (FAA)
DEPARTURE PROCEDURE: **Rwy 17,** climbing right turn to 2000 via heading 200° and TTT R-180 to NINAE/TTT 24 DME before proceeding on course. DME Required. **Rwy 35,** climb heading 356° to 1400 before turning south.
NOTE: **Rwy 17,** antenna 190' from DER, 456' right of centerline, 26' AGL/615' MSL. Road, multiple poles and signs beginning 570' from DER, 410' right of centerline, up to 31' AGL/620' MSL. Tree 1506' from DER, 517' right of centerline, 37' AGL/617' MSL. **Rwy 35,** tree 837' from DER, 204' left of centerline, up to 100' AGL/665' MSL. Pole 2687' from DER, 122' left of centerline, up to 75' AGL/653' MSL.

GREENVILLE, TX
MAJORS (GVT)
AMDT 1 08269 (FAA)
NOTE: **Rwy 17,** trees beginning 1832' from departure end of runway, 397' right of centerline, up to 49' AGL/578' MSL.

HASKELL, TX
HASKELL MUNI
TAKE-OFF MINIMUMS: **Rwy 18,** 600-2 or std. with a min. climb of 340' per NM to 2300.
DEPARTURE PROCEDURE: **Rwy 18,** climb runway heading to 2300 before proceeding on course.

HENDERSON, TX
RUSK COUNTY
DEPARTURE PROCEDURE: **Rwy 12,** climb to 1100' before turning northbound. **Rwy 34,** climb to 2200' before turning westbound.

HILLSBORO, TX
HILLSBORO MUNI
TAKE-OFF MINIMUMS: **Rwy 16,** 600-3 or std. w/ min. climb of 250' per NM to 1500, or 1100-2 ½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 16,** for climb in visual conditions: Cross Hillsboro Muni Airport at or above 1600 before proceeding on course.

LANCASTER, TX
LANCASTER
TAKE-OFF MINIMUMS: **Rwy 31,** 200-1½ or std. w/ min. climb of 222' per NM to 800.
DEPARTURE PROCEDURE: **Rwy 31,** climb via heading 314° to 1900 before turning left.
NOTE: **Rwy 31,** multiple trees beginning 1133' from departure end of runway, 479' left of centerline, up to 40' AGL/541' MSL. Trees 886' from departure end of runway, 637' right of centerline, 35' AGL/536' MSL. Multiple poles beginning 5613' from departure end of runway, 1171' right of centerline, up to 101' AGL/661' MSL.

LEVELLAND, TX
LEVELLAND MUNI
TAKE-OFF MINIMUMS: **Rwy 26,** 600-3 or std. with a min. climb of 250' per NM to 4300. **Rwy 35,** 400-2 or std. with a min. climb of 230' per NM to 4000.
NOTE: **Rwy 26,** cross departure end of runway at or above 35' AGL/3537' MSL. **Rwy 35,** cross departure end of runway at or above 35' AGL/3540' MSL. **Rwy 35,** tower, 10,185 from departure end of runway, 2828' left of centerline, 304' AGL/3821 MSL.

LONGVIEW, TX
EAST TEXAS RGNL (GGG)
AMDT 1 08325 (FAA)
NOTE: **Rwy 13,** multiple trees 720' from departure end of runway, 547' left of centerline, up to 50' AGL/404' MSL. Multiple trees 1381' from departure end of runway, 600' right of centerline, up to 55' AGL/409' MSL. **Rwy 18,** multiple trees beginning 790' from departure end of runway, left and right of centerline, up to 94' AGL/459' MSL. **Rwy 31,** tree 1489' from departure end of runway, 842' left of centerline, 49' AGL/406' MSL. Tree 1737' from departure end of runway, 755' right of centerline, 63' AGL/420' MSL. **Rwy 36,** multiple trees beginning 1590' from departure end of runway, 520' left of centerline, up to 84' AGL/438' MSL. Tree 2384' from departure end of runway, 18' right of centerline, 65' AGL/419' MSL.

MESQUITE, TX

MESQUITE METRO

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 175° to 900 before turning left.

NOTE: **Rwy 17,** multiple trees, sign and fences beginning 10' from departure end of runway, 362' left of centerline, up to 35' AGL/478' MSL. **Rwy 35,** hangar 53' from departure end of runway, 497' left of centerline, 23' AGL/470' MSL. Multiple trees and poles beginning 999' from departure end of runway, 708' left of centerline, up to 44' AGL/483' MSL. Bush 45' from departure end of runway, 466' right of centerline, 10' AGL/457' MSL. Pole 814' from departure end of runway, 288' right of centerline, 27' AGL/467' MSL. Construction equipment 892' from departure end of runway, 628' right of centerline, 59' AGL/489' MSL.

MIDLOTHIAN/WAXAHACHIE, TX

MID-WAY

DEPARTURE PROCEDURE: **Rwy 18,** northbound departures climb runway heading to 1500 before proceeding on course. **Rwy 36,** northbound and westbound departures climb heading 020° to 2700 before proceeding on course.

MINEOLA-QUITMAN, TX

WOOD COUNTY

NOTE: **Rwy 18,** trees 336' from departure end of runway, 484' right of centerline, 100' AGL/549' MSL. Trees 775' from departure end of runway 339' right of centerline, 100' AGL/559' MSL. Trees 942' from departure end of runway, 460' right of centerline, 100' AGL/559' MSL. Trees 23' from departure end of runway, 239' right of centerline, 100' AGL/534' MSL. Trees 33' from departure end of runway, 495' right of centerline, 100' AGL/534' MSL. Trees 239' from departure end of runway, 453' left of centerline, 100' AGL/539' MSL. Trees 11' from departure end of runway, 474' left of centerline, 100' AGL/529' MSL. Trees 16' from departure end of runway, 253' left of centerline, 100' AGL/529' MSL. Terrain 932' from departure end of runway, 204' right of centerline, 0' AGL/460' MSL. Terrain 326' from departure end of runway, 228' right of centerline, 0' AGL/443' MSL. Terrain 912' from departure end of runway, 308' left of centerline, 0' AGL/457' MSL. Terrain 629' from departure end of runway, 216' right of centerline, 0' AGL/450' MSL. Terrain 639' from departure end of runway, 472' right of centerline, 0' AGL/450' MSL. Terrain 922' from departure end of runway, 52' left of centerline, 0' AGL/457' MSL. Terrain 14' from departure end of runway, 17' left of centerline, 0' AGL/434' MSL. **Rwy 36,** trees 1 foot from departure end of runway, 240' right of centerline, 100' AGL/509' MSL. Trees 780' from departure end of runway, on centerline, 100' AGL/509' MSL. Trees 450' from departure end of runway, 270' left of centerline, 100' AGL/499' MSL. Trees 450' from departure end of runway, 350' right of centerline, 100' AGL/479' MSL.

MINERAL WELLS, TX

MINERAL WELLS

TAKE-OFF MINIMUMS: **Rwy 31,** 500-3 or std. with a min. climb of 220' per NM to 1600.

NOTE: **Rwy 31,** cross departure end of runway at or above 35' AGL/948' MSL.

MOUNT PLEASANT, TX

MOUNT PLEASANT RGNL (OSA)

ORIG 09015 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1¼ or std. w/ min. climb of 309' per NM to 700, or alternatively, with standard take-off minimums and a normal 200' per NM climb gradient, take-off must occur no later than 1,600' prior to departure end of runway.

NOTE: **Rwy 17,** trees 1231' from departure end of runway, 679' right of centerline, 100' AGL/399' MSL. **Rwy 35,** tower 1.04 NM from departure end of runway, 1261' right of centerline, 180' AGL/539' MSL. Trees 695' from departure end of runway, 614' left of centerline, 100' AGL/469' MSL.

PARIS, TX

COX FIELD

NOTE: **Rwy 17,** multiple trees beginning 88' from departure end of runway, 299' right of centerline, up to 50' AGL/558' MSL. **Rwy 35,** bushes and pole beginning 406' from departure end of runway, 402' left of centerline up to 35' AGL/573' MSL. Multiple trees beginning 161' from departure end of runway, 81' right of centerline, up to 50' AGL/578' MSL. **Rwy 32,** multiple trees beginning 716' from departure end of runway, 488' right of centerline, up to 50' AGL/568' MSL.

PLAINS, TX

YOAKUM COUNTY (F98)

ORIG 08269 (FAA)

NOTE: **Rwy 3,** tree 948' from departure end of runway, 725' left of centerline, 50' AGL/3769' MSL. **Rwy 17,** vehicle on road 99' from departure end of runway, 476' right of centerline,15' AGL/3699' MSL. **Rwy 35,** vehicle on road 546' from departure end of runway, 527' left of centerline, 15' AGL/3714' MSL.

ROCKWALL, TX

ROCKWALL MUNI

NOTE: **Rwy 17,** cross departure end of runway at or above 598' MSL/35' AGL. East-west road at departure end of runway, 10' AGL/574' MSL. East-west railroad track 860' from departure end of runway, 23' AGL/612' MSL. **Rwy 35,** cross departure end of runway at or above 594' MSL/35' AGL. Multiple transmission towers from 318' to 467' from departure end of runway, left and right of centerline, from 60' AGL/590' MSL to 75' AGL/614' MSL.

SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

WICHITA FALLS,TX . . . . . AMDT 1 09351

DEPARTURE PROCEDURE: **Rwy 15R/15C/15L,** Climb on track 150° to 2500' before turning Westbound. **Rwy 17,** Climb heading 160° to 2500', intercept SPS VORTAC R-120 outbound. Cross SPS R-120/8 DME (HUNEP) at or below 2500', then climb and maintain 5000' or higher as assigned. Turn on course after reaching 3100'. **Rwy 35,** Climb heading 350° to 1500' then proceed on course.

TAKE-OFF OBSTACLES: **Rwy 17,** Light pole 31' AGL/1040' MSL, 837' from DER, 726' left of centerline. **Rwy 35,** Large frame aircraft parking, 56' AGL/1053' MSL, 337' from DER, 542' left of centerline. Large frame aircraft parking, 56' AGL/1053' MSL, 451' from DER, 573' left of centerline.

SNYDER, TX

WINSTON FIELD

DEPARTURE PROCEDURE: **Rwy 26,** climb via heading 263° to 3000 prior to turning northbound.

SPEARMAN, TX

SPEARMAN MUNI (E42)

ORIG 09015 (FAA)

TAKE-OFF MINIMUMS: **Rwy 20,** 300-1¾ or std. w/ min. climb of 286' per NM to 3500.

NOTE: **Rwy 20,** Vehicle on road 174' from departure end of runway, 496' right of centerline, 15' AGL/3094' MSL. Tower 4330' from departure end of runway, 575' left of centerline, 100' AGL/3228' MSL. Tower 1.26 NM from departure end of runway, 2533' left of centerline, 250' AGL/3355' MSL.

STEPHENVILLE, TX

CLARK FIELD MUNI

NOTE: **Rwy 32,** trees beginning 1687' from departure end of runway, 124' right of centerline, 80' AGL/1389' MSL.

STRATFORD, TX

STRATFORD FIELD

TAKE-OFF MINIMUMS: **Rwy 22**, 400-2 or std. with a min. climb of 290' per NM to 4100.

SULPHUR SPRINGS, TX

SULPHUR SPRINGS MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 400-2.

DEPARTURE PROCEDURE: **Rwys 18,36**, climb to 900 before proceeding east of airport.

TERRELL, TX

TERRELL MUNI

TAKE-OFF MINIMUMS: **Rwy 32,** std. with a min. climb of 430' per NM to 800.

NOTE: **Rwy 32,** cross departure end of runway at or above 35' AGL/508' MSL. **Rwy 32,** tower, 3364' from departure end of runway, 1069' left of centerline, 125' AGL/624' MSL.

TYLER, TX

TYLER POUNDS RGNL

NOTE: **Rwy 4,** road and vehicle 605' from departure end of runway, 643' left of centerline, 15' AGL/544' MSL. Multiple trees beginning 648' from departure end of runway, 301' right of centerline, up to 74' AGL/576' MSL. **Rwy 13,** road, antenna and multiple trees beginning 607' from departure end of runway, 272' left of centerline, up to 73' AGL/614' MSL. Multiple trees beginning 12' from departure end of runway, 290' right of centerline, up to 73' AGL/581' MSL. **Rwy 17,** tree 970' from departure end of runway, 362' left of centerline, 57' AGL/586' MSL. Tree 1339' from departure end of runway, 207' right of centerline, 69' AGL/578' MSL. **Rwy 22,** multiple trees beginning 166' from departure end of runway, 92' left of centerline, up to 86' AGL/605' MSL. Terrain and multiple trees beginning 28' from departure end of runway, 323' right of centerline, up to 46' AGL/626' MSL. **Rwy 31,** road and multiple trees beginning 326' from departure end of runway, 533' right of centerline, up to 78' AGL/564' MSL. Multiple trees beginning 907' from departure end of runway, 666' left of centerline, up to 67' AGL/556' MSL. **Rwy 35,** road 901' from departure end of runway, on centerline, 15' AGL/544' MSL. Multiple trees and tower beginning 1068' from departure end of runway, 303' right of centerline, up to 73' AGL/574' MSL.

WICHITA FALLS, TX

KICKAPOO DOWNTOWN

TAKE-OFF MINIMUMS: **Rwy 17**, 1100-2 or std. with a min. climb of 370' per NM to 2300. **Rwy 35,** 1100-2 or std. with a min. climb of 380' per NM to 2300.

WICHITA VALLEY

TAKE-OFF MINIMUMS: **Rwys 13,16**, turn right after take-off to avoid 2049´ tower 4 NM southeast of airport.

WINNSBORO, TX

WINNSBORO MUNI

DEPARTURE PROCEDURE: **Rwy 1,19**, climb runway heading to 1000 prior to turn.

INSTRUCTION APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME	TAKE-OFF MINIMUMS

ALICE, TX

ALICE INTL

NOTE: **Rwy 17**, multiple poles beginning 601' from departure end of runway, 413' right to 340' left of centerline, up to 36' AGL/204' MSL. Multiple trees beginning 205' from departure end of runway, 348' left to 317' right of centerline, up to 26' AGL/194' MSL. **Rwy 26,** building 797' from departure end of runway, 366' left of centerline, 30'AGL/208' MSL. Tree 812' from departure end of runway, 301' left of centerline, 27' AGL/205' MSL. Rod on OL DME, 715' from departure end of runway, 258' right of centerline, 21' AGL/ 199' MSL. Steel post 83' from departure end of runway, 344' right of centerline, 4' AGL/181' MSL. **Rwy 31,** rod on OL DME 388' from departure end of runway, 256' left of centerline, 21' AGL/199' MSL. Tree 439' from departure end of runway, 608' left of centerline, 16' AGL/194' MSL. Steel post 2 ' from departure end of runway, 251' right of centerline, 164' AGL/181' MSL. Tree 1067' from departure end of runway, 359' right of centerline, 28' AGL/206' MSL. **Rwy 35,** windmill 1461' from departure end of runway, 164' left of centerline, 140' AGL/214' MSL. Bush 330' from departure end of runway, 287' right of runway, 14' AGL/185' MSL.

NAME	TAKE-OFF MINIMUMS

ALPINE, TX

ALPINE-CASPARIS MUNI

TAKE-OFF MINIMUMS: **Rwys 19, 23**, DAY 1700-2; NIGHT NA.

DEPARTURE PROCEDURE: **Rwy 1**, climb direct BWR NDB; **Rwys 5, 19, 23**, climbing left turn direct BWR NDB. **All aircraft** continue climb in holding pattern (Hold N, left turns, 194° inbound) (Maximum holding airspeed 175K) to 7000 before proceeding on course.

AUSTIN, TX

AUSTIN-BERGSTROM INTL

DEPARTURE PROCEDURE: **Rwys 35L, 35R,** climb via heading 353° to 1800 before turning left on course.

NOTE: **Rwy 17L,** trees beginning 498' from departure end of runway, 576' left of centerline, up to 80' AGL/517' MSL. Tree 617' from departure end of runway, 585' right of centerline, 55' AGL/498' MSL. **Rwy 17R,** trees 1007' from departure end of runway, 739' right of centerline, up to 61' AGL/523' MSL. **Rwy 35R,** tree 817' from departure end of runway, 664' right of centerline, 55' AGL/528' MSL.

AUSTIN, TX (CON'T)

LAKEWAY AIRPARK (3R9)
AMDT 1 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwys 16, 34,** 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 16, 34,** For climb in visual conditions cross Lakeway Airpark airport at or above 1900 MSL before proceeding on course.

NOTE: **Rwy 16,** powerline 303' from departure end of runway, right and left of centerline, 79' AGL/967' MSL. Trees beginning 8243' from departure end of runway, 324' right of centerline, up to 50' AGL/1169' MSL. Road 114' from departure end of runway, right and left of centerline, 15' AGL/954' MSL. Tower 2.11 NM from departure end of runway, 1314' right of centerline, 195' AGL/1326' MSL. Towers starting 1.6 NM from departure end of runway, 4821' left of centerline, up to 150' AGL/1450' MSL. Tree 2085' from departure end of runway, 186' left of centerline, 50' AGL/969' MSL. **Rwy 34,** trees beginning 800' from departure end of runway, 426' left of centerline, up to 50' AGL/1009' MSL. Trees beginning 1374' from departure end of runway, 141' right of centerline, up to 50' AGL/969' MSL. House 499' from departure end of runway, on centerline, 50' AGL/969' MSL.

BEEVILLE, TX

BEEVILLE MUNI

TAKE-OFF MINIMUMS: **Rwys 18, 36,** NA-environmental. **Rwy 30,** 300-2 or std. w/ min. climb of 239' per NM to 700.

NOTE: **Rwy 30,** tower 1.5 NM from departure end of runway 2566' right of centerline, 230' AGL/542' MSL.

BIG LAKE, TX

REAGAN COUNTY

TAKE-OFF MINIMUMS: **Rwys 9, 27,** NA-environmental.

NOTE: **Rwy 16,** road 384' from departure end of runway, 603' right of centerline, 17' AGL/2716' MSL.

BIGGS AAF (KBIF)

FORT BLISS, TX 07130

Rwy 21: Left turn direct to ELP VORTAC, continue climb via R-130 to airway MEA or as directed by ATC. **Rwy 3**: Right turn direct to ELP VORTAC, continue climb via R-130 to airway MEA or as directed by ATC.

BRADY, TX

CURTIS FIELD (BBD)
ORIG 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwys 8, 26,** NA-Environmental.

NOTES: **Rwy 17,** Light poles, trees, fence, terrain, and vehicle on road beginning 50' from departure end of runway, 362' left of centerline, up to 30' AGL/1827' MSL. Trees beginning 17' from departure end of runway, 216' right of centerline, up to 30' AGL/1818' MSL.

BURNET, TX

BURNET MUNI KATE CRADDOCK FIELD (BMQ)
AMDT 1 09351 (FAA)

NOTE: **Rwy 1,** trees and cars beginning 362' from DER, 488' right of centerline, up to 100' AGL/1379' MSL. Trees and cars beginning 274' from DER, 86' left of centerline, up to 100' AGL/1419' MSL. **Rwy 19,** trees beginning 32' from DER, 103' right of centerline, up to 100' AGL/1379' MSL. Trees beginning 188' from DER, 332' left of centerline, up to 100' AGL/1369' MSL.

CARRIZO SPRINGS, TX

DIMMIT COUNTY

DEPARTURE PROCEDURE: **Rwy 31**, climb runway heading to 1200 prior to left turn to avoid 1114' antenna west of airport.

COMANCHE, TX

COMANCHE COUNTY-CITY

TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-Environmental.

NOTE: **Rwy 17,** road at departure end of runway, 134' right of centerline, 15' AGL/1394' MSL, road 784' from departure end of runway, 324' right of centerline, 15' AGL/1404' MSL. **Rwy 35,** trees beginning 464' from departure end of runway, across centerline, up to 50' AGL/1429' MSL.

CORPUS CHRISTI, TX

CORPUS CHRISTI INTL (CRP)
AMDT 1 08101 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 400-2¾ or std. w/ min. climb of 229' per NM to 600.

DEPARTURE PROCEDURE: **Rwy 31,** Climb heading 309° to 1200 before turning westbound.

NOTE: **Rwy 17,** antenna on building 24' AGL/64' MSL, 749' from departure end of runway, 694' left of centerline. **Rwy 35,** tower 401' AGL/423' MSL, 2.21 NM from departure end of runway, 3757' left of centerline.

CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

CORPUS CHRISTI, TX. . . . . ORIG 08325

TAKE-OFF OBSTACLES: **Rwy 13L,** Powerline, 139' MSL, 3884' from DER, 457' left of centerline. Pylon, 112' MSL, 3304' from DER, 362' right of centerline. Pylon, 112' MSL, 3476' from DER, 1017' right of centerline. Pylon, 110' MSL, 3137' from DER, 299' left of centerline. Pylon, 107' MSL, 3561' from DER, 665' left of centerline. **Rwy 13R,** Powerline, 139' MSL, 4434' from DER, 1208' left of centerline. Pylon, 100' MSL, 3686' from DER, 1050' left of centerline.

COTULLA, TX
COTULLA-LA SALLE COUNTY (COT)
ORIG 07354 (FAA)
NOTE: **Rwy 13,** road 2768' from departure end of runway, 53' left of centerline, 18' AGL/484' MSL. Tree 5520' from departure end of runway, 1764' left of centerline, 50' AGL/480' MSL. Tree 2 NM from departure end of runway, 778' left of centerline, 50' AGL/579' MSL. Tree 1264' from departure end of runway, 93' right of centerline, 50' AGL/499' MSL. Tree 1.3 NM from departure end of runway, 1116' right of centerline, 50' AGL/464' MSL. **Rwy 31,** railroad 2934' from departure end of runway, 153' right of centerline 23' AGL/472' MSL. Tree 1669' from departure end of runway, 66' right of centerline, 50' AGL/499' MSL. Tree 1.2 NM from departure end of runway, 2290' right of centerline, 50' AGL/562' MSL. Terrain beginning 80' from departure end of runway, 428' left of centerline, up to 496' MSL. Terrain 123' from departure end of runway, 379' right of centerline, 496' MSL.

DEL RIO, TX
DEL RIO INTL
DEPARTURE PROCEDURE: **Rwy 13,** climb to 1500 prior to left turn.

DEVINE, TX
DEVINE MUNI
TAKE-OFF MINIMUMS: **Rwy 35**, climb runway heading to 1000 prior to right turn.

EAGLE PASS, TX
MAVERICK COUNTY MEMORIAL INTL (5T9)
ORIG 08269 (FAA)
NOTE: **Rwy 13,** vehicle on road 171' from departure end of runway, 393' right of centerline, 15' AGL/894' MSL.

EDINBURG, TX
SOUTH TEXAS INTL AT EDINBURG
TAKE-OFF MINIMUMS: CAUTION: Unmarked balloon and cable to 15000' MSL in R-6317. **Rwy 14,** 276/37.9 NM, **Rwy 32,** 276/38.5 NM.
NOTE: **Rwy 14,** tree 1109' from departure end of runway, 525' right of centerline, 19' AGL/108' MSL. Terrain 20' from departure end of runway, 312' right of centerline, 0' AGL/74' MSL. **Rwy 32,** multiple poles beginning 831' from departure end of runway, 53' right of centerliine, up to 32' AGL/111' MSL. Road 640' from departure end of runway, 671' right of centerline, 17' AGL/96' MSL.

EL PASO, TX
EL PASO INTL
TAKE-OFF MINIMUMS: **Rwys 8L, 26R,** NA. **Rwy 26L**, 3000-2 or std. with a min. climb of 490' per NM to 6300.
DEPARTURE PROCEDURE: **Rwy 4,** right turn. **Rwy 8R,** left turn, climb direct ELP VORTAC, continue climb via ELP R-150 to airway MEA or comply with RADAR vectors. **Rwy 22,** climbing left turn heading 120° to intercept and climb via ELP R-150 to airway MEA or comply with RADAR vectors. **Rwy 26L,** climbing left turn heading 120° to intercept and climb via ELP R-150 to airway MEA or comply with RADAR vectors. This departure requires compliance with published take-off minimums.

FALFURRIAS, TX
BROOKS COUNTY (BKS)
AMDT 1 09127 (FAA)
TAKE-OFF MINIMUMS: **Rwy 32,** 400-2¼ or std. w/ min. climb of 249' per NM to 600. **Rwy 35,** std. w/ min. climb of 250' per NM to 800, or 500-3 w/ min. climb of 242' per NM to 800, or 900-2½ for climb in visual conditions.
DEPARTURE PROCEDURE: **Rwy 35**, for climb in visual conditions: cross Brooks County Airport at or above 900 MSL before proceeding on course.
NOTE: **Rwy 14,** vehicle on road, 29' from DER, 499' left of centerline, 15' AGL/129' MSL. Trees beginning 149' from DER, 523' left of centerline, up to 40' AGL/154' MSL. Trees beginning at DER, 415' right of centerline, up to 40' AGL/149' MSL. **Rwy 17,** vehicle on road, at DER, 364' left of centerline, 15' AGL/119' MSL. Trees beginning 15' from DER, 331' right of centerline, up to 40' AGL/149' MSL. Trees beginning 165' from DER, 126' left of centerline, up to 17' AGL/129' MSL. **Rwy 32,** road and trees beginning 587' from DER, 35' right of centerline, up to 40' AGL/149' MSL. Tower 1.9 NM from DER, 987' left of centerline, 298' AGL/418' MSL. **Rwy 35,** vehicle on raod, at DER, 360' right of centerline, 15' AGL/118' MSL. Tree 1010' from DER, 278' right of centerline, 29' AGL/138' MSL. Tower 2.6 NM from DER, 426' right of centerline, 414' AGL/539' MSL.

FORT HOOD, TX
ROBERT GRAY AAF
NOTE: **Rwy 33,** pole 974' from departure end of runway, 746' left of centerline, 35' AGL/1050' MSL. Pole 1121' from departure end of runway, 746' left of centerline, 33' AGL/1048' MSL.

FORT STOCKTON, TX
FORT STOCKTON-PECOS COUNTY (FST)
ORIG 09239 (FAA)
TAKE-OFF MINIMUMS: **Rwys 7, 11, 16, 25, 29, 34,** NA-Environmental. **Rwy 21,** 300-1 or std. w/ min. climb of 280' per NM to 3600.
DEPARTURE PROCEDURE: **Rwy 21,** climb heading 208° to 3600 before turning left.
NOTE: **Rwy 12,** tree 899' from DER, 310' right of centerline, 39' AGL/3049' MSL. **Rwy 21,** brush beginning 110' from DER, 222' right of centerline, up to 20' AGL/3159' MSL. Terrain beginning 124' from DER, 77' right of centerline, up to 3173' MSL. Terrain beginning 56' from DER, 132' left of centerline, up to 3111' MSL. Bush 236' from DER, 30' left of centerline, 6' AGL/3013' MSL. Vehicle on road, 2017' from DER, 973' left of centerline, 17' AGL/3066' MSL. **Rwy 30,** trees beginning 64' from DER, 354' left of centerline, up to 6' AGL/2995' MSL.

FREDERICKSBURG, TX
GILLESPIE COUNTY
DEPARTURE PROCEDURE: **Rwy 14**, climb via heading 139° to 2400 before proceeding on course. **Rwy 32**, climb via heading 319° to 2400 before proceeding on course.

GEORGE WEST, TX
LIVE OAK COUNTY
TAKE-OFF MINIMUMS: **Rwy 31,** 700-3 or std. with a min. climb of 230' per NM to 1000.
DEPARTURE PROCEDURE: **Rwy 13,** climb runway heading to 600 before turning right.
NOTE: **Rwy 31,** tower 22,101' from departure end of runway, 1716' left of centerline, 470' AGL/737' MSL.

GEORGETOWN, TX
GEORGETOWN MUNI (GTU)
ORIG 09351 (FAA)
NOTE: **Rwy 11,** numerous trees beginning at DER, 427' left of centerline, up to 30' AGL/789' MSL. Numerous trees beginning at DER, 205' right of centerline, up to 30' AGL/789' MSL. Tower 5361' from DER, 514' right of centerline, 179' AGL/894' MSL. **Rwy 18,** numerous trees beginning at DER, 216' right of centerline, up to 30' AGL/789' MSL. Numerous trees beginning 35' from DER, 259' left of centerline, up to 30' AGL/789' MSL. **Rwy 29,** numerous trees beginning 129' from DER, 475' left of centerline, up to 30' AGL/819' MSL. Numerous trees beginning 207' from DER, 529' right of centerline, up to 30' AGL/839' MSL. **Rwy 36,** numerous trees beginning 235' from DER, 302' right of centerline, up to 30' AGL/819' MSL. Numerous trees beginning 322' from DER, 346' left of centerline, up to 30' AGL/829' MSL. Tower 928' from DER, 684' right of centerline, 47' AGL/820' MSL.

HAMILTON, TX
HAMILTON MUNI (MNZ)
ORIG 09351 (FAA)
NOTE: **Rwy 18,** tree 689' from DER, 211' left of centerline, 40' AGL/1346' MSL. Vehicle on North-South road 849' from DER, on extended centerline, 15' AGL/1321' MSL. **Rwy 36,** trees beginning 621' from DER, 186' left of centerline, 40' AGL/1359' MSL. Trees 879' from DER, 87' right of centerline, 40' AGL/1359' MSL.

HARLINGEN, TX
VALLEY INTL
NOTE: **Rwy 13,** pole 1031' from departure end of runway, 465' left of centerline, 38' AGL/68' MSL. Pole 1055' from departure end of runway, 475' left of centerline, 38' AGL/68' MSL. **Rwy 17R,** fence 24' from departure end of runway, 499' right of centerline, 8' AGL/41' MSL. **Rwy 17L,** road (non-interstate) 416' from departure end of runway, on runway centerline, 20' AGL/51' MSL. Road (non-interstate) 410' from departure end of runway, 520' left of centerline, 20' AGL/50' MSL. **Rwy 31,** tree 983' from departure end of runway, 462' left of centerline, 42' AGL/69' MSL.

HOOD AAF (KHLR)
FORT HOOD (KILLEEN), TX .. . AMDT 2, 09351
TAKE-OFF MINIMUMS: **Rwy 16, 34** Standard*
* For Copter use only.

JUNCTION, TX
KIMBLE COUNTY
TAKE-OFF MINIMUMS: **Rwys 8, 17, 26, 35,** 700-2.

KENEDY, TX
KARNES COUNTY
TAKE-OFF MINIMUMS: **Rwy 34,** 600-3 or std. with a min. climb of 260' per NM to 800.

KERRVILLE, TX
KERRVILLE MUNI /LOUIS SCHREINER FIELD
TAKE-OFF MINIMUMS: **Rwy 3**, 400-1½ or std. with a min. climb of 394' per NM to 2100.
NOTE: **Rwy 3,** mulitple trees and poles beginning 203' from departure end of runway 46' left of centerline up to 49' AGL/1925' MSL. Multiple trees, poles and towers 136' from departure end of runway 11' right of course up to 50' AGL/1927' MSL. **Rwy 12,** multiple trees beginning 211' from departure end of runway 430' left of courseline up to 44' AGL/1644' MSL. Multiple trees beginning 93' from departure end of runway 321' right of centerline up to 49' AGL/1609' MSL. **Rwy 21,** multiple towers and trees beginning 522' from departure end of runway 52' left of centerline 50' AGL/1610' MSL. Multiple trees and poles beginning 288' from departure end of runway 141' right of centerline 50' AGL/1613' MSL. **Rwy 30,** multiple trees poles antennae beginning 248' from departure end of runway 953' left of centerline 51' AGL/1611' MSL. Multiple poles and trees beginning 275' from departure end of runway 351' right of centerline 55' AGL/1615' MSL.

KILLEEN, TX
SKYLARK FIELD (ILE)
AMDT 2 09015 (FAA)
DEPARTURE PROCEDURE: **Rwy 19,** climb heading 190° to 1900 before turning east.
NOTE: **Rwy 1,** multiple poles beginning 317' from departure end of runway, 384' left of centerline, up to 27' AGL/868' MSL. Tree, 973' from departure end of runway, 100' left of centerline, 28' AGL/876' MSL. Building, 486' from departure end of runway, 9' right of centerline, 13' AGL/854' MSL. Antenna, 351' from departure end of runway, 277' right of centerline, 11' AGL/852' MSL. **Rwy 19,** pole, 288' from departure end of runway, 588' right of centerline, 32' AGL/880' MSL. Building, 102' from departure end of runway, 411' right of centerline, 8' AGL/856' MSL. Vehicle on road, 232' from departure end of runway, 499' right of centerline, 15' AGL/867' MSL. Pole, 256' from departure end of runway, 497' left of centerline, 32' AGL/873' MSL. Building, 276' from departure end of runway, 342' left of centerline, 11' AGL/859' MSL. Building, 298' from departure end of runway, 83' left of centerline, 9' AGL/857' MSL.

LAMPASAS, TX
LAMPASAS (LZZ)
ORIG 09351 (FAA)
NOTE: **Rwy 16,** building 39' from DER, 374' left of centerline, 20' AGL/1189' MSL. Trees beginning 795' from DER, 217' right of centerline, up to 30' AGL/1189' MSL. **Rwy 34,** trees beginning 657' from DER, 147' left of centerline, up to 30' AGL/1249' MSL.

LAREDO, TX

LAREDO INTL

DEPARTURE PROCEDURE: **Rwys 14, 17L/R, 32, 35L/R,** climb runway heading to 1500 before turning westbound.

LAUGHLIN AFB (KDLF)

DEL RIO, TX . . . . . AMDT 2, 07270

TAKE-OFF OBSTACLES: **Rwy 13C**, taxiing aircraft 14' AGL/1079' MSL, 190' from DER, 222' right of centerline. Taxiing aircraft 14' AGL/1103' MSL, 84' from DER, 552' right of centerline. **Rwy 13L**, taxiing aircraft 14' AGL/ 1076' MSL, 7' from DER, 204' right of centerline. **Rwy 13R**, taxiing aircraft 12' AGL/1107' MSL, 149' from DER, 338' right of centerline. Taxiing aircraft 14' AGL/ 1090' MSL, 309' from DER, 501' left of centerline. Taxiing aircraft 14' AGL/1090' MSL, 141' from DER, 175' right of centerline. Taxiing aircraft 14' AGL/1090' MSL, 338' from DER, 204' left of centerline. Taxiing aircraft 14' AGL/ 1090' MSL, 389' from DER, 303' left of centerline. Taxiing aircraft 14' AGL/1113' MSL, 848' from DER, 603' right of centerline. **Rwy 31C**, vehicular traffic 10' AGL/1093' MSL 18' from DER, 462' right of centerline. **Rwy 31L**, taxiing aircraft 14' AGL/1091' MSL, 198' from DER, 172' right of centerline. Vehicular traffic 10' AGL/ 1108' MSL, 862' from DER, 550' left of centerline. Taxiing aircraft 14' AGL/1094' MSL 249' from DER, 327' right of centerline. Taxiing aircraft 14' AGL/ 1089' MSL, 178' from DER, 171' left of centerline. Pole 8' AGL/1104' MSL, 229' from DER, 568' left of centerline. Transmissometer 18' AGL/1095' MSL, 299' from DER, 301' left of centerline. **Rwy 31R**, terrain 0' AGL/1083' MSL, 0' from DER, 500' left of centerline. Windsock 0' AGL/1102' MSL, 25' from DER, 496' left of centerline. Terrain 0' AGL/1085' MSL, 89' from DER, 489' right of centerline. Taxiing aircraft 14' AGL/ 1090' MSL, 11' from DER, 175' left of centerline. Railroad 23' AGL/1122' MSL, 1429' from DER, 468' right of centerline.

LLANO, TX

LLANO MUNI (AQO)

ORIG 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwys 13, 31,** NA-Environmental.

DEPARTURE PROCEDURE: **Rwy 35,** climb heading 354° to 1900 before proceeding on course.

NOTE: **Rwy 17,** tree 11' from DER, 364' left of centerline, 25' AGL/1144' MSL. Trees 811' from DER, 242' left of centerline, 25' AGL/1124' MSL. **Rwy 35,** hangar 209' from DER, 497' right of centerline, 30' AGL/ 1149' MSL. Tree 485' from DER, 265' right of centerline, 25' AGL/1144' MSL. Vehicles on North-South road, 270' left of centerline, 15' AGL/1114' MSL. Vehicles on road 390' from DER, crosses centerline East-West, 15' AGL/ 1134' MSL.

MARFA, TX

MARFA MUNI (MRF)

ORIG 08157 (FAA)

TAKE-OFF MINIMUMS: CAUTION: Unmarked balloon and cable to 14000' MSL in R-6318. **Rwys 8, 26,** NA-Environmental.

DEPARTURE PROCEDURE: **Rwy 3,** climbing right turn direct MRF VOR/DME. **Rwy 12,** climb direct MRF VOR/DME. **Rwys 21, 30,** climbing left turn direct MRF VOR/DME. All Aircraft climb in MRF VOR/DME holding pattern (SE, LT, 313° inbound) to cross MRF VOR/DME at or above MEA for direction of flight.

NOTE: **Rwy 3,** vehicle on road abeam departure end of runway, 300' left of centerline, 15' AGL/4864' MSL. **Rwy 12,** vehicle on road 483' from departure end of runway, 616' left of centerline, 15' AGL/4854' MSL. **Rwy 21,** building and greenhouses beginning 34' from departure end of runway, 495' left of centerline, 35' AGL/4852' MSL.

MASON, TX

MASON COUNTY (T92)

ORIG 08325 (FAA)

TAKE-OFF MINIMUMS: **Rwy 35,** 300-1 or std. w/ min. climb of 394' per NM to 1800.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 181° to 2100' before turning right.

NOTE: **Rwy 13,** terrain beginning 7' from departure end of runway, 100' left of centerline, up to 1523' MSL. Tree 1506' from departure end of runway, 254' left of centerline, 100' AGL/1639' MSL. **Rwy 17,** tree 4503' from departure end of runway, 405' left of centerline, 100' AGL/1619' MSL. Terrain beginning 162' from departure end of runway, 179' right of centerline, up to 1520' MSL. **Rwy 31,** tree 1590' from departure end of runway, 411' left of centerline, 100' AGL/1629' MSL. Terrain beginning 61' from departure end of runway, 51' right of centerline, up to 1513' MSL. Powerlines beginning 2999' from departure end of runway, left and right of centerline, up to 79' AGL/1585' MSL. **Rwy 35,** trees beginning 4019' from departure end of runway, 151' left of centerline, up to 100' AGL/1699' MSL. Tower 4519' from departure end of runway, 361' right of centerline, 55' AGL/1635' MSL.

MC ALLEN, TX

MC ALLEN MILLER INTL (MFE)

AMDT 1 08353 (FAA)

TAKE-OFF MINIMUMS: **Rwy 36,** 300-2½, or std. with a min. climb of 298' per NM to 500'.

NOTE: **Rwy 13,** multiple trees beginning 792' from departure end of runway, 593' left of centerline, 44' AGL/ 159' MSL. **Rwy 31,** multiple trees beginning 708' from departure end of runway, 361' left of centerline, 43' AGL/ 157' MSL. Multiple trees beginning 1018' from departure end of runway, 626' right of centerline, 38' AGL/142' MSL. **Rwy 36,** light pole 581' from departure end of runway, on centerline, 17' AGL/122' MSL. Multiple buildings and trees beginning 624' from departure end of runway, 36' left of centerline, 24' AGL/129' MSL. Tower 197' from departure end of runway, 335' left of centerline, 38' AGL/140' MSL. Multiple buildings, poles, and towers beginning 635' from departure end of runway, right of centerline, 25' AGL/394' MSL.

MIDLAND, TX

MIDLAND AIRPARK

TAKE-OFF MINIMUMS: **Rwy 16,** 700-1, or std. with a min. climb of 300' per NM to 3500.

DEPARTURE PROCEDURE: **Rwy 16**, climb runway heading to 3500, then climb on course.

MIDLAND INTL (MAF)

ORIG 09015 (FAA)

NOTE: **Rwy 4,** tower 1547' from departure end of runway, 727' left of centerline, 93' AGL/2961' MSL. Dome 1234' from departure end of runway, 675' left of centerline, 36' AGL/2900' MSL. **Rwy 10,** rod 467' from departure end of runway, 254' right of centerline, 20' AGL/2874' MSL. Sign 2219' from departure end of runway, 793' left of centerline, 48' AGL/2912' MSL. Pole 1563' from departure end of runway, 733' left of centerline, 31' AGL/2895' MSL. **Rwy 16L,** tree 217' from departure end of runway, 536' right of centerline, 100' AGL/2944' MSL. Sign 94' from departure end of runway, 365' left of centerline, 26' AGL/2875' MSL. Poles beginning 324' from departure end of runway, 277' left of centerline, 29' AGL/2874' MSL. Vehicle on road 382' from departure end of runway, 269' left of centerline, 17' AGL/2860' MSL. Train 553' from departure end of runway, 498' left of centerline, 23' AGL/2867' MSL. Vehicle on road 384' from departure end of runway, 549' left of centerline, 17' AGL/2866' MSL. Train 783' from departure end of runway, 17' left of centerline, 23' AGL/2869' MSL.

Rwy 16R, tree 3717' from departure end of runway, 1419' right of centerline, 100' AGL/2954' MSL. **Rwy 22,** antenna 2747' from departure end of runway, 962' right of centerline, 100' AGL/2964' MSL. Tower 2813' from departure end of runway, 1049' right of centerline, 102' AGL/2964' MSL. Hangar 1113' from departure end of runway, 600' right of centerline, 46' AGL/2905' MSL. Tree 5361' from departure end of runway, 1869' right of centerline, 100' AGL/2989' MSL. **Rwy 34R,** vehicle on road 258' from departure end of runway, 253' right of centerline, 17' AGL/2881' MSL. Tree 255' from departure end of runway, 81' right of centerline, 11' AGL/2875' MSL. Fence post 29' from departure end of runway, 263' right of centerline, 4' AGL/2868' MSL. Vehicle on road 447' from departure end of runway, 11' right of centerline, 15' AGL/2880' MSL. Pole 1279' from departure end of runway, 117' left of centerline, 29' AGL/2903' MSL. Fence 85' from departure end of runway, 257' left of centerline, 5' AGL/2869' MSL. Fence post 185' from departure end of runway, 71' left of centerline, 5' AGL/2869' MSL.

MONAHANS, TX

ROY HURD MEMORIAL

TAKE-OFF MINIMUMS: **Rwys 1, 12**, 400-1 or std. with a min. climb of 300' per NM to 3100.

NEW BRAUNFELS, TX

NEW BRAUNFELS MUNI

DEPARTURE PROCEDURE: **Rwy 31,** climb heading 308° to 2600 before turning right. **Rwy 35,** climb heading 353° to 2200 before turning left.

NOTE: **Rwy 31,** multiple trees and antenna beginning 1125' from departure end of runway, 592' left of centerline, up to 47' AGL/706' MSL. Road 1014' from departure end of runway, 439' right of centerline, 15' AGL/687' MSL.

ODESSA, TX

ODESSA-SCHLEMEYER FIELD (ODO)

AMDT 2 09351 (FAA)

TAKE-OFF MINIMUMS: **Rwy 20,** 400-2½ or std. w/ a min. climb of 225' per NM to 3400, or alternatively, with standard take-off minimums and normal 200' per NM climb gradient, take-off must occur no later than 2100' prior to DER.

NOTE: **Rwy 2,** vehicle on roadway 184' from DER, left and right of centerline, 15' AGL/3024' MSL. **Rwy 16,** building 466' from DER, 487' left of centerline, 50' AGL/3029' MSL. Powerlines 896' from DER, left and right of centerline, 30' AGL/2984' MSL. **Rwy 20,** tower 2.3 miles from DER, 1311' left of centerline, 340' AGL/3287' MSL. **Rwy 29,** rising terrain, trees, and poles beginning 8' from DER, 495' right of centerline, up to 27' AGL/3012' MSL. **Rwy 34,** airplane on taxiway 21' from DER, 362' left of centerline, up to 17' AGL/3001' MSL. Vehicles on roadway beginning 48' from DER, left and right of centerline, up to 16' AGL/3014' MSL. Buildings and hangers beginning 739' from DER, left and right of centerline, up to 50' AGL/3044' MSL.

OZONA, TX

OZONA MUNI

TAKE-OFF MINIMUMS: **Rwy 16,** 300-1 or std. with a min. climb of 445' per NM to 2700. **Rwy 34,** 200-1½ or std. with a min. climb of 380' per NM to 2600.

NOTE: **Rwy 16,** trees 3686' from departure end of runway, 354' left of centerline, 100' AGL/2560' MSL. Trees 4436' from departure end of runway, 355' left of centerline, 100' AGL/2574' MSL. **Rwy 34,** trees 1363' from departure end of runway, 638' left of centerline, 100' AGL/2529' MSL. Trees 3479' from departure end of runway, 791' left of centerline, 100' AGL/2535' MSL. Trees 7679' from departure end of runway, 932' left of centerline, 100' AGL/2593' MSL.

PLEASANTON, TX

PLEASANTON MUNI (PEZ)

AMDT 1 08325 (FAA)

NOTE: **Rwy 16,** vehicle on road 108' from departure end of runway, 285' left of centerline, 15' AGL/424' MSL. Fence 135' from departure end of runway, 194' left of centerline, 3' AGL/412' MSL. Fence 235' from departure end of runway, 38' right of centerline, 3' AGL/412' MSL. Trees beginning 246' from departure end of runway, 56' left of centerline, up to 100' AGL/529' MSL. Trees beginning 173' from departure end of runway, 154' right of centerline, up to 100' AGL/529' MSL. **Rwy 34,** vehicle on road 136' from departure end of runway, left to right of centerline, up to 15' AGL/444' MSL. Fence 191' from departure end of runway, 251' left of centerline, 3' AGL/442' MSL. Trees beginning 210' from departure end of runway, 51' left of centerline, up to 100' AGL/539' MSL. Tree 172' from departure end of runway, 74' right of centerline, 100' AGL/529' MSL.

PORT ARANSAS, TX

MUSTANG BEACH (RAS)
AMDT 1 09015 (FAA)

NOTE: **Rwy 12,** transmission towers and poles beginning 43' from departure end of runway, 28' right of centerline, up to 81' AGL/86' MSL. Building 2435' from departure end of runway, 967' right of centerline, 130' AGL/135' MSL. Transmission towers and poles beginning 1141' from departure end of runway, 13' left of centerline, up to 83' AGL/88' MSL. **Rwy 30,** boat 1657' from departure end of runway, 915' left of centerline, 50' AGL/50' MSL.

PORT ISABEL, TX

PORT ISABEL-CAMERON COUNTY (PIL)
AMDT 2 08213 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 400-2 or std. with a min. climb of 253' per NM to 500.

NOTE: **Rwy 3,** trees beginning 178' from departure end of runway, 27' left of centerline, up to 100' AGL/114' MSL. **Rwy 8,** trees beginning 2046' from departure end of runway, 511' right of centerline, up to 100' AGL/119' MSL. Trees beginning 1981' from departure end of runway, 118' right of centerline, up to 100' AGL/119' MSL. **Rwy 13,** trees beginning 530' from departure end of runway, 32' left of centerline, up to 100' AGL/119' MSL. **Rwy 17,** trees beginning 911' from departure end of runway, 84' left of centerline, up to 100' AGL/119' MSL. **Rwy 35,** trees beginning 15' from departure end of runway, 4' left of centerline, up to 100' AGL/114' MSL.

ROBSTOWN, TX

NUECES COUNTY

TAKE-OFF MINIMUMS: **Rwy 13,** 1000-3, or std. with a min. climb of 390' per NM to 1200.

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 130° to 1200 prior to turning north or east.

ROCKPORT, TX

ARANSAS COUNTY

NOTE: **Rwy 14,** road plus vehicle 500' from departure end of runway, 593' left of centerline, 17' AGL/40' MSL. **Rwy 18,** antenna 5599' from departure end of runway, 602' left of centerline, 160' AGL/171' MSL. **Rwy 32,** road plus vehicle 291' from departure end of runway, 533' left of centerline, 17' AGL/40' MSL. **Rwy 36,** road plus vehicle 576' from departure end of runway, 597' left of centerline, 17' AGL/40' MSL.

ROCKSPRINGS, TX

EDWARDS COUNTY

NOTE: **Rwy 14,** multiple trees beginning 1076' from departure end of runway, 22' right of centerline, up to 100' AGL/2459' MSL. **Rwy 32,** fence 101' from departure end of runway, 35' left of centerline, 5' AGL/2374' MSL. Multiple trees beginning 318' from departure end of runway, 71' left of centerline, up to 100' AGL/2479' MSL. Multiple trees beginning 992' from departure end of runway, 532' right of centerline, up to 100' AGL/2479' MSL.

SAN ANGELO, TX

SAN ANGELO RGNL/MATHIS FIELD

TAKE-OFF MINIMUMS: **Rwys 27, 36**, 900-2 or std. with a min. climb of 240' per NM to 2800.

SAN ANTONIO, TX

BOERNE STAGE FIELD

DEPARTURE PROCEDURE: **Rwy 35,** climb heading 346° to 2800 before turning westbound.

NOTE: **Rwy 17,** multiple trees and light poles along tree line beginning 6' from departure end of runway, 128' right of centerline, up to 50' AGL/1427' MSL. Multiple trees and light poles along tree line beginning 81' from departure end of runway, 144' left of centerline, up to 50' AGL/1409' MSL. **Rwy 35,** multiple trees and poles beginning 204' from departure end of runway, 7' left of centerline, up to 50' AGL/1422' MSL. Multiple trees and poles beginning 205' from departure end of runway, 24' right of centerline, up to 50' AGL/1423' MSL. Hangar 80' from departure end of runway, 222' right of centerline, up to 50' AGL/1397' MSL.

SAN ANTONIO INTL (SAT)
ORIG 09183 (FAA)

NOTE: **Rwy 3,** tree 734' from DER, 695' left of centerline, 31' AGL/793' MSL. **Rwy 12R,** antenna on tower 1034' from DER, 723' right of centerline, 42' AGL/820' MSL. Building and vent on building beginning 3801' from DER, 1488' right of centerline, 117' AGL/881' MSL. **Rwy 21,** antenna on hangar and flagpole beginning 1198' from DER, 700' right of centerline, up to 39' AGL/825' MSL. Sign 2713' from DER, 1034' right of centerline, 71' AGL/857' MSL. **Rwy 30L,** tower and poles beginning 1931' from DER, 834' left of centerline, up to 42' AGL/892' MSL. Sign 2435' from DER, 1042' right of centerline, 54' AGL/873' MSL. **Rwy 30R,** rod on obstruction light 1261' from DER, 591' left of centerline, 57' AGL/854' MSL.

SAN ANTONIO, TX (CON'T)

STINSON MUNI (SSF)
AMDT 2 08045 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9,** Std. w/ min climb of 225' per NM to 1900 or 1000-2½ for climb in visual conditions. **Rwy 27,** 300-1¾ or std. w/ min. climb of 221' per NM to 900, or alternatively, with standard takeoff minimums and normal 200' per NM climb gradient, takeoff must occur no later than 1700' prior to departure end of runway.

DEPARTURE PROCEDURE: **Rwy 9,** For climb in visual conditions, cross Stinson Muni Airport at or above 1400 MSL before proceeding on course. **Rwy 14,** Climb heading 137° to 1200 before turning left. **Rwy 32,** Climb heading 317° to 1500 before turning right.

NOTES: **Rwy 9,** Vehicle on road 285' from departure end of runway, 380' left of centerline, 15' AGL/584' MSL. Trees beginning 1653' from departure end of runway, 435' right of centerline, up to 70'AGL/629' MSL. **Rwy 14,** Vehicle on road 114' from departure end of runway, on centerline extending 373' left of centerline, up to 15' AGL/564' MSL. Trees beginning 72' from departure end of runway, 79' right of centerline, up to 70' AGL/607' MSL. Trees beginning 232' from departure end of runway, 54' left of centerline, up to 70' AGL/618' MSL. Transmission line tower 4205' from departure end of runway, 133' right of centerline, 119' AGL/663' MSL. **Rwy 27,** Fence 41' from departure end of runway, 30' right of centerline, 8' AGL/584' MSL. Vehicle on road 108' from departure end of runway, 202' right of centerline, 15' AGL/584' MSL. Vehicle on road 123' from departure end of runway, 113' right of centerline, 15' AGL/596' MSL. Trees and poles beginning 229' from departure end of runway, 117' right of centerline, up to 70' AGL/645' MSL. Trees and poles beginning 599' from departure end of runway, 6' left of centerline, up to 70' AGL/634' MSL. Tank beginning 1.32 NM from departure end of runway, 1338' right of centerline, 179' AGL/799' MSL. Building 1422' from departure end of runway, 432' right of centerline, 40' AGL/627' MSL. Building 2133' from departure end of runway, 36' left of centerline, 55' AGL/635' MSL. **Rwy 32,** Fence 17' from departure end of runway, 80' left of centerline, 8' AGL/578' MSL. Vehicle on road 54' from departure end of runway, 199' left of centerline, 15' AGL/586' MSL. Trees beginning 164' from departure end of runway, 125' right of centerline, up to 70' AGL/639' MSL. Trees and poles beginning 43' from departure end of runway, 41' left of centerline, up to 75' AGL/668' MSL. DER, 591' left of centerline, 57' AGL/854' MSL. arcos, tx

SAN MARCOS, TX

SAN MARCOS MUNI

TAKE-OFF MINIMUMS: **Rwy 31,** std. with a min. climb of 211' per NM to 2600, or 1500-3 for climb in visual conditions. **Rwy 35,** std. with a min. climb of 214' per NM to 2600, or 1500-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwys 31, 35,** for climb in visual conditions: cross San Marcos Municipal Airport at or above 1200.

NOTE: **Rwy 8,** tree 942' from departure end of runway, 259' left of centerline, 33' AGL/612' MSL. **Rwy 26,** pole 1217' from departure end of runway, 550' right of centerline, 35' AGL/624' MSL. **Rwy 31,** multiple poles 1062' from departure end of runway, 604' right of centerline, 33' AGL/621' MSL.

SINTON, TX

ALFRED C. BUBBA THOMAS

DEPARTURE PROCEDURE: **Rwy 14,** climb runway heading to 800 prior to turning east.

SONORA, TX

SONORA MUNI

TAKE-OFF MINIMUMS: **Rwy 18**, 700-2. **Rwy 36,** 300-1.

TEMPLE, TX

DRAUGHON-MILLER CENTRAL TEXAS RGNL

DEPARTURE PROCEDURE: **Rwy 2,** climb on heading between 085° clockwise to 200° or 345° counter clockwise to 200° from departure end of runway, or minimum climb of 313' per NM to 3300 for all other courses. **Rwy 33,** climb on heading between 070° clockwise to150° or 330° counter clockwise to 150° from departure end of runway, or minimum climb of 235' per NM to 3200 for all other courses.

NOTE: **Rwy 2,** multiple bushes and trees beginning 176' from departure end of runway 491' left of centerline, up to 34' AGL/699' MSL. Tree 279' from departure end of runway, 361' right of centerline, 15' AGL/680' MSL. **Rwy 15,** bush 158' from departure end of runway, 412' left of centerline, 7' AGL/676' MSL, tree 941' from departure end of runway, 743' right of centerline, 32' AGL/701' MSL.

TAYLOR, TX

TAYLOR MUNI (T74)
ORIG 08269 (FAA)

NOTE: **Rwy 17,** numerous trees beginning at departure end of runway, 180' right of centerline up to 50' AGL/591' MSL. Terrain beginning 1700' from departure end of runway, 380' left of centerline, up to 601' MSL.

VAN HORN, TX

CULBERSON COUNTY

TAKE-OFF MINIMUMS: **Rwys 17, 21,** 2100-2 or std. with a min. climb of 500' per NM to 5000. **Rwy 25**, NA.

DEPARTURE PROCEDURE: **Rwys 3,17,21,35,** climb runway heading to 5000 then climbing right turn direct VHN NDB and climb in VHN NDB holding pattern to MEA, before proceeding on course. **Rwy 7,** climb runway heading to 5000 then climbing left turn direct VHN NDB and climb in VHN NDB holding pattern to MEA, before proceeding on course.

WACO, TX

MC GREGOR EXECUTIVE

TAKE-OFF MINIMUMS: **Rwys 4, 17, 22, 35**, 2000-3 or std. with a min. climb of 280' per NM to 3000.

DEPARTURE PROCEDURE: **Rwys 17,22,** climb via ACT R-195 to 3000 before proceeding on course. **Rwys 4, 35,** climb runway heading to 3000 before proceeding on course.

WACO, TX (CON'T)

TSTC-WACO (CNW)

ORIG 08269 (FAA)

NOTE: **Rwy 17L,** terrain 198' from departure end of runway, 467' right of centerline, 464' MSL. **Rwy 17R,** vehicle on road 137' from departure end of runway, 487' right of centerline, 15' AGL/474' MSL. Trees beginning 872' from departure end of runway, 238' right of centerline, up to 100' AGL/529' MSL. Trees beginning 1239' from departure end of runway, 74' left of centerline, up to 100' AGL/512' MSL. **Rwy 35L,** trees beginning 3386' from departure end of runway, 529' left of centerline, up to 100' AGL/579' MSL. **Rwy 35R,** trees beginning 2606' from departure end of runway, 1042' right of centerline, up to 100' AGL/579' MSL. Tree 2094' from departure end of runway, 910' left of centerline, 45' AGL/524' MSL.

WINK, TX

WINKLER COUNTY (INK)

ORIG 09127 (FAA)

DEPARTURE PROCEDURE: **Rwy 13,** climb heading 147° to 3400 before proceeding on course.

NOTE: **Rwy 13,** vehicles on road beginning 535' from DER, from left to right of centerline, up to 15' AGL/2829' MSL.

INSTRUCTION APPROACH PROCEDURE CHARTS

IFR TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude , and/or airports that have civil IFR take-off minimums other than standard, are listed below. Take-off Minimums and Departure Procedures apply to all runways unless otherwise specified. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are described below in text, or published separately as a graphic procedure. If the (Obstacle) DP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or a separate Departure Procedure volume (military), as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not assigned a SID or radar vector by ATC, an ODP may be flown without ATC clearance to ensure obstacle clearance.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard take-off rules and establishes take-off minimums for certain operators as follows: (1) Aircraft having two engines or less - one statute mile. (2) Aircraft having more than two engines - one-half statute mile. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) take-off minima are published below. For military take-off minima, refer to appropriate service directives.

NAME TAKE-OFF MINIMUMS

ANGLETON/LAKE JACKSON, TX

BRAZORIA COUNTY (LBX)
AMDT 1 08157 (FAA)
NOTE: **Rwy 35,** tree 1510' from departure end of runway, 721' left of centerline, 48' AGL/68' MSL.

BAYTOWN, TX

R W J AIRPARK
NOTE: **Rwy 8,** trees abeam departure end of runway, 147' left of centerline, 45' AGL/72' MSL. Poles 236' from departure end of runway, 90' right of centerline, 30' AGL/57' MSL. **Rwy 14,** trees 314' from departure end of runway, 44' right of centerline, 35' AGL/87' MSL. Road 125' from departure end of runway, 15' AGL/42' MSL. **Rwy 26,** powerlines 460' from departure end of runway, 32' AGL/62' MSL. Road 550' from departure end of runway, 15' AGL/50' MSL. **Rwy 32,** road 220' from departure end of runway, 15' AGL/48' MSL.

NAME TAKE-OFF MINIMUMS

BEAUMONT, TX

BEAUMONT MUNI (BMT)
ORIG 09015 (FAA)
TAKE-OFF MINIMUMS: **Rwys 16,34,** NA - Obstacles.
NOTE: **Rwy 13,** multiple trees, poles and buildings beginning 82' from departure end of runway, 2' left of centerline, up to 74' AGL/106' MSL. Multiple trees, poles and signs beginning 441' from departure end of runway, 22' right of centerline, up to 73' AGL/105' MSL. Vehicle on road 152' from departure end of runway, 428' left of centerline, 15' AGL/46' MSL. Train on railroad 545' from departure end of runway, 506' right of centerline, 23' AGL/57' MSL. **Rwy 31,** multiple trees, poles and transmission line towers beginning 81' from departure end of runway, 2' left of centerline, up to 64' AGL/94' MSL. Multiple trees, poles, and transmission line towers beginning 241' from departure end of runway, 4' right of centerline, up to 56' AGL/88' MSL. Train on railroad 375' from departure end of runway, 354' right of centerline, 23' AGL/55' MSL.

BEAUMONT/PORT ARTHUR, TX

SOUTHEAST TEXAS RGNL (BPT)

ORIG 09351 (FAA)

NOTE: **Rwy 12,** multiple trees beginning 1024' from DER, 202' left of centerline, up to 43' AGL/48' MSL. Trees 1676' from DER, 778' right of centerline, 51' AGL/56' MSL. **Rwy 16,** multiple trees beginning 580' from DER, 519' right of centerline, up to 51' AGL/56' MSL. **Rwy 30,** trees 1005' from DER, 629' right of centerline, 54' AGL/64' MSL. Multiple trees beginning 1041' from DER, 617' left of centerline, up to 67' AGL/77' MSL. **Rwy 34,** building 770' from DER, 386' right of centerline, 28' AGL/38' MSL. Multiple trees beginning 1274' from DER, 398' right of centerline, up to 70' AGL/80' MSL. Multiple trees beginning 1288' from DER, 218' left of centerline, up to 72' AGL/82' MSL. Tower 1487' from DER, 398' right of centerline, 60' AGL/75' MSL.

BRENHAM, TX

BRENHAM MUNI

DEPARTURE PROCEDURE: **Rwys 16, 34**, climb to 700, prior to turning westbound.

BRYAN, TX

COULTER FIELD

NOTE: **Rwy 15,** vehicle on road 266' from departure end of runway, on centerline, 17' AGL/386' MSL. Multiple trees and poles beginning 169' from departure end of runway, 339' right of centerline, up to 20' AGL/389' MSL. Multiple trees and poles beginning 203' from departure end of runway, 245' left of centerline, up to 35' AGL/400' MSL. **Rwy 33,** multiple poles and T-L towers beginning 36' from departure end of runway, 207' left of centerline, up to 35' AGL/382' MSL. Trees 508' from departure end of runway, 290' right of centerline, 25' AGL/371' MSL.

CALDWELL, TX

CALDWELL MUNI

TAKE-OFF MINIMUMS: **Rwy 33**, 300-1.

COLLEGE STATION, TX

EASTERWOOD FIELD

TAKE-OFF MINIMUMS: **Rwy 4,** 300-1¾ or std. with a min. climb of 207' per NM to 700.

NOTE: **Rwy 4,** building 1.3 NM from departure end of runway, 257' left of centerline, 214' AGL/564' MSL. Trees 434' from departure end of runway, 303' right of centerline, 25' AGL/343' MSL. **Rwy 10,** trees 10' from departure end of runway, 321' right of centerline, 26' AGL/344' MSL. Trees 114' from departure end of runway, 350' left of centerline, 22' AGL/340' MSL. **Rwy 22,** trees 71' from departure end of runway, 381' right of centerline, 25' AGL/332' MSL. Trees 122' from departure end of runway, 382' left of centerline, 26' AGL/333' MSL. **Rwy 28,** trees 1842' from departure end of runway, 422' left of centerline, 65' AGL/385' MSL. Trees 840' from departure end of runway, 367' right of centerline, 30' AGL/350' MSL. **Rwy 34,** trees 818' from departure end of runway, 639' left of centerline 48' AGL/369' MSL. Trees 1091' from departure end of runway, 646' right of centerline, 31' AGL/352' MSL.

EAGLE LAKE, TX

EAGLE LAKE

TAKE-OFF MINIMUMS: **Rwy 17**, 200-1, or std. with a min. climb of 420' per NM to 500.

NOTE: **Rwy 17,** tower 3068' from departure end of runway, 793' left of centerline, 192' AGL/317' MSL.

GALVESTON, TX

SCHOLES INTL AT GALVESTON (GLS)

AMDT 4 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 17,** 300-1 or std. w/ min. climb of 502' per NM to 300.

NOTE: **Rwy 13,** bush 381' from departure end of runway, 533' left of centerline, 15' AGL/20' MSL. Fence 201' from departure end of runway, 490' left of centerline, 6' AGL/11' MSL. Tree 343' from departure end of runway, 468' right of centerline, 12' AGL/17' MSL. **Rwy 17,** building 3057' from departure end of runway, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from departure end of runway, 87' right of centerline, up to 60' AGL/70' MSL. Multiple transmission towers beginning 636' from departure end of runway, 551' right of centerline, up to 55' AGL/60' MSL. Tree 460' from departure end of runway, 316' right of centerline, 22' AGL/29' MSL. **Rwy 31,** multiple cranes beginning 4341' from departure end of runway, 1017' left of centerline, up to 131' AGL/131' MSL. **Rwy 35,** tree 730' from departure end of runway, 501' right of centerline, 27' AGL/32' MSL.

HOUSTON, TX

DAVID WAYNE HOOKS MEMORIAL (DWH)

AMDT 3 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwys 17L, 35R,** NA-Environmental. **Waterways 17, 35,** NA - air traffic.

NOTE: **Rwy 17R,** multiple trees beginning 708' from departure end of runway, 68' left of centerline, up to 71' AGL/220' MSL. Multiple hangars beginning 433' from departure end of runway, 515' left of centerline, up to 37' AGL/182' MSL. DME antenna 653' from departure end of runway, 256' left of centerline, 13' AGL/162' MSL. Multiple trees and pole beginning 85' from departure end of runway, 294' right of centerline, up to 45' AGL/189' MSL. **Rwy 35L,** multiple trees and poles beginning 144' from departure end of runway, 32' left of centerline, up to 79' AGL/238' MSL. Multiple hangars and buildings beginning 85' from departure end of runway, 9' left of centerline, up to 53' AGL/202' MSL. Multiple trees, towers and pole beginning 100' from departure end of runway, 124' right of centerline, up to 93' AGL/247' MSL. Vehicle and road 315' from departure end of runway, on centerline 15' AGL/166' MSL. Building 894' from departure end of runway, 231' right of centerline, 23' AGL/173' MSL.

HOUSTON, TX (CON'T)

ELLINGTON FIELD (EFD)
AMDT 2 08157 (FAA)

NOTE: **Rwy 17R,** pole 1489' from departure end of runway, 817' right of centerline, 40' AGL/74' MSL. **Rwy 22,** antenna on building 1998' from departure end of runway, 598' right of centerline, 54' AGL/83' MSL. Obstruction light on glide slope 327' from departure end of runway, 543' left of centerline, 39' AGL/68' MSL. **Rwy 35R,** tree 1597' from departure end of runway, 32' left of centerline, 33' AGL/80' MSL. **Rwy 35L,** multiple trees beginning 1118' from departure end of runway, 679' right of centerline, up to 37' AGL/ 77' MSL. Crane 2352' from departure end of runway, 1024' left of centerline, 37' AGL/ 97' MSL.

GEORGE BUSH INTERCONTINENTAL/
HOUSTON (IAH)
AMDT 2 08157 (FAA)

NOTE: **Rwy 8L,** tree 2866' from departure end of runway, 921' left of centerline, 107' AGL/201' MSL. Multiple trees beginning 2750' from departure end of runway, 106' right of centerline, up to 80' AGL/174' MSL. **Rwy 15L,** multiple trees 2638' from departure end of runway, 758' right of centerline, up to 76' AGL/160' MSL. **Rwy 15R,** tower 1431' from departure end of runway, 591' left of centerline, 48' AGL/133' MSL. Antenna on glideslope 1469' from departure end of runway, 621' left of centerline, 49' AGL/133' MSL. **Rwy 26R,** pole 950' from departure end of runway, 660' right of centerline, 40' AGL/129' MSL. **Rwy 33R,** tree 2868' from departure end of runway, 1027' right of centerline, 73' AGL/172' MSL.

HOUSTON EXECUTIVE (TME)

DEPARTURE PROCEDURE: **Rwy 36,** Climb heading 355° to 700 before turning east.

NOTE: **Rwy 36,** power poles from left to right beginning 703' from departure end of runway, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

HOUSTON-SOUTHWEST (AXH)
AMDT 5 08157 (FAA)

DEPARTURE PROCEDURE: **Rwy 9,** climb heading 089° to 2000 before turning left. **Rwy 27**, climb heading 269° to 2200 before turning right.

NOTE: **Rwy 9,** multiple hangars beginning 239' from departure end of runway, 360' right of centerline, up to 42' AGL/106' MSL. Multiple trees beginning 501' from departure end of runway, 355' right of centerline, up to 43' AGL/111' MSL. Multiple hangars beginning 119' from departure end of runway, 498' left of centerline, up to 41' AGL/105' MSL. Pole 332' from departure end of runway, 299' left of centerline, 43' AGL/97' MSL. Antenna 1172' from departure end of runway, 658' left of centerline, 51' AGL/115' MSL. Multiple trees beginning 558' from departure end of runway, 68' left of centerline, up to 58' AGL/122' MSL. **Rwy 27,** multiple trees beginning 1050' from departure end of runway, 40' left of centerline, up to 71' AGL/140' MSL. Vehicle and road 99' from departure end of runway, 291' right of centerline, 15' AGL/83' MSL. Multiple trees beginning 873' from departure end of runway, 514' right of centerline, up to 59' AGL/130' MSL. Multiple transmission poles beginning 1304' from departure end of runway, 131' right of centerline, up to 41' AGL/110' MSL.

HOUSTON, TX (CON'T)

LONE STAR EXECUTIVE (CXO)
AMDT 2 08157 (FAA)

NOTE: **Rwy 1,** multiple trees beginning 1899' from departure end of runway, 11' left of centerline, up to 80' AGL/314' MSL. Obstruction light on glideslope 387' from departure end of runway, 404' right of centerline, 23' AGL/258' MSL. Tower 457' from departure end of runway, 387' right of centerline, 45' AGL/275' MSL. Multiple trees beginning 788' from departure end of runway, 134' right of centerline, up to 79' AGL/313' MSL. **Rwy 14,** multiple trees beginning 1655' from departure end of runway, 408' left of centerline, up to 81' AGL/300' MSL. Obstruction light on DME 401' from departure end of runway, 266' right of centerline, 21' AGL/255' MSL. Multiple trees beginning 1480' from departure end of runway, 80' right of centerline, up to 77' AGL/306' MSL. **Rwy 19,** multiple trees beginning 17' from departure end of runway, 157' left of centerline, up to 95' AGL/315' MSL. Multiple trees beginning 68' from departure end of runway, 156' right of centerline, up to 80' AGL/305' MSL. **Rwy 32,** vehicle and road 602' from departure end of runway, 551' left of centerline, 15' AGL/257' MSL. Pole 1411' from departure end of runway, 458' left of centerline, 29' AGL/268' MSL. Tree 2448' from departure end of runway, 990' right of centerline, 106' AGL/325' MSL.

PEARLAND RGNL

DEPARTURE PROCEDURE: **Rwy 14,** climb heading 139° to 1600 before proceeding south through southwest. **Rwy 32,** climb heading 319° to 900 before proceeding on course.

NOTE: **Rwy 14,** multiple trees beginning 199' from departure end of runway, 226' right of centerline, up to 66' AGL/100' MSL. Vehicle on road 398' from departure end of runway, 405' left of centerline, 9' AGL/55' MSL. Trees 1287' from departure end of runway, 453' left of centerline, up to 56' AGL/90' MSL. **Rwy 32,** multiple trees beginning 690' from departure end of runway, 81' left of centerline, up to 79' AGL/128' MSL. Multiple poles beginning 745' from departure end of runway, 24' left of centerline, up to 40' AGL/80' MSL. Multiple trees and poles beginning 29' from departure end of runway, 11' right of centerline, up to 64' AGL/104' MSL. Building 237' from departure end of runway, 520' right of centerline, 32' AGL/72' MSL.

SUGAR LAND RGNL (SGR)
AMDT 7 08157 (FAA)

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 170° to 1500 before turning eastbound. **Rwy 35,** climb heading 350° to 1100 before turning southbound.

NOTE: **Rwy 17,** multiple poles beginning 436' from departure end of runway, 172' right of centerline, up to 44' AGL/124' MSL. Railroad 110' from departure end of runway, 10' left of centerline, 23' AGL/104' MSL. Multiple poles beginning 135' from departure end of runway, 270' left of centerline, up to 44' AGL/ 111' MSL. **Rwy 35,** vehicle and road 65' from departure end of runway , 2' right of centerline, 15' AGL/ 96' MSL. Multiple trees beginning 37' from departure end of runway , 275' right of centerline, up to 81' AGL/164' MSL. DME antenna 380' from departure end of runway , 253' right of centerline, 24' AGL/100' MSL. Multiple trees beginning 83' from departure end of runway , 65' left of centerline, up to 81' AGL/155' MSL.

HOUSTON, TX (CON'T)

WEISER AIR PARK (EYQ)

AMDT 2 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 9,** 200-1 or std. w/ min. climb of 399' per NM to 400.

NOTE: **Rwy 9,** tank 4127' from departure end of runway, 1455' left of centerline, 147' AGL/282' MSL. **Rwy 27,** railroad 462' from departure end of runway, 555' left of centerline, 23' AGL/165' MSL. Vehicle and road 650' from departure end of runway, 7' left of centerline, 17' AGL/159' MSL.

WEST HOUSTON (IWS)

AMDT 3 09295 (FAA)

NOTE: **Rwy 15,** vehicles on roadway beginning abeam DER, left and right of centerline, up to 15' AGL/124' MSL. Building 177' from DER, 398' left of centerline, 18' AGL/126' MSL. Trees beginning 178' from DER, 289' right of centerline, up to 100' AGL/209' MSL. **Rwy 33,** building 265' from DER, 364' left of centerline, 33' AGL/143' MSL. Trees beginning 2706' from DER, 700' left of centerline, up to 100' AGL/214' MSL. Trees beginning 3159' from DER, 747' right of centerline, up to 100' AGL/216' MSL.

HOUSTON, TX (CON'T)

WILLIAM P. HOBBY (HOU)

AMDT 5 08157 (FAA)

TAKE-OFF MINIMUMS: **Rwy 4,** 300-1 or std. w/ min. climb of 270' per NM to 300. **Rwy 17,** 300-1. **Rwy 22,** std. w/ min. climb of 290' per NM to 1500.

DEPARTURE PROCEDURE: **Rwy 17,** climb heading 174° to 700 before turning westbound. **Rwy 30L,** climb heading 309° to 800 before turning westbound. **Rwy 30R,** climb heading 309° to 800 before turning westbound.

NOTE: **Rwy 4,** pole 4403' from departure end of runway, 1609' right of centerline, 121' AGL/166' MSL. Light on building 1562' from departure end of runway, 859' right of centerline, 59' AGL/103' MSL. Building 3990' from departure end of runway, 1223' right on centerline, 139' AGL/174' MSL. Light on flagpole 4618' from departure end of runway, 768' right of centerline, 117' AGL/161' MSL NE, **Rwy 12L,** antenna on hanger 1548' from departure end of runway, 424' left of centerline, 45' AGL/85' MSL. **Rwy 12R,** vehicle and road 514' from departure end of runway, 543' right of centerline, 17' AGL/55' MSL. Tree 1217' from departure end of runway, 756' right of centerline, 43' AGL/89' MSL. Fence 85' from departure end of runway, 492' left of centerline, 4' AGL/45' MSL. Vehicle and road 176' from departure end of runway, 497' left of centerline, 17' AGL/55' MSL. Pole 1011' from departure end of runway, 696' left of centerline, 33' AGL/73' MSL. Tree 1256' from departure end of runway, 783' left of centerline, 38' AGL/78' MSL. **Rwy 17,** multiple poles beginning 606' from departure end of runway, 393' right of centerline, up to 79' AGL/124' MSL. Crane 1795' from departure end of runway, 689' right of centerline, 100' AGL/150' MSL. Antenna on building 620' from departure end of runway, 312' left of centerline, 27' AGL/72' MSL. Multiple trees beginning 721' from departure end of runway, 260' left of centerline, up to 71' AGL/116' MSL. Radar reflector 1214' from departure end of runway, 258' left of centerline, 32' AGL/77' MSL. **Rwy 22,** pole 727' from departure end of runway, 626' right of centerline, 28' AGL/77' MSL. Tree 1310' from departure end of runway, 679' right of centerline, 27' AGL/76' MSL. Antenna on light pole 1805' from departure end of runway, 968' right of centerline, 60' AGL/109' MSL. **Rwy 30L,** antenna on building 547' from departure end of runway, 274' right of centerline, 23' AGL/69' MSL. Multiple poles beginning 341' from departure end of runway, 501' left of centerline, up to 39' AGL/84' MSL. Multiple trees beginning 1392' from departure end of runway, 466' left of centerline, up to 78' AGL/118' MSL. **Rwy 30R,** pole 1096' from departure end of runway, 785' right of centerline, 29' AGL/75' MSL. Antenna on building 500' from departure end of runway, 525' left of centerline, 33' AGL/69' MSL. **Rwy 35,** antenna on light pole 738' from departure end of runway, 519' right of centerline, 40' AGL/86' MSL. Light pole 1119' from departure end of runway, 353' right of centerline, 31' AGL/77' MSL. Antenna on building 66' from departure end of runway, 471' left of centerline, 33' AGL/69' MSL.

HUNTSVILLE, TX
HUNTSVILLE MUNI
DEPARTURE PROCEDURE: **Rwy 18**, climb runway heading to 700 before turning.

JACKSONVILLE, TX
CHEROKEE COUNTY
DEPARTURE PROCEDURE: **Rwy 14,** climb via heading 135° to 1200 before proceeding on course.

JASPER, TX
JASPER COUNTY-BELL FIELD (JAS)
ORIG 09239 (FAA)
NOTE: **Rwy 18,** trees beginning 2081' from DER, 118' left of centerline, up to 100' AGL/327' MSL. Trees beginning 690' from DER, 87' right of centerline, up to 100' AGL/329' MSL. **Rwy 36,** hangar 320' from DER, 504' left of centerline, 27' AGL/236' MSL. Trees beginning 534' from DER, 139' left of centerline, up to 100' AGL/329' MSL. Pole 1968' from DER, 409' left of centerline, 33' AGL/262' MSL. Bush 94' from DER, 476' right of centerline, 8' AGL/217' MSL. Trees beginning 514' from DER, 6' right of centerline, up to 100' AGL/354' MSL. Hangar 1176' from DER, 675' right of centerline, 30' AGL/249' MSL. Tower 1246' from DER, 611' right of centerline, 40' AGL/258' MSL.

KOUNTZE/SILSBEE, TX
HAWTHORNE FIELD (45R)
ORIG 08045 (FAA)
NOTE: **Rwy 13,** Terrain 3' from departure end of runway, 81' right of centerline, 0' AGL/69' MSL. Trees beginning 64' from departure end of runway, 277' right of centerline, up to 50' AGL/119' MSL. Tree 111' from departure end of runway, 516' left of centerline, 50' AGL/124' MSL. Terrain 172' from departure end of runway, 119' left of centerline, 0' AGL/74' MSL. **Rwy 31,** Terrain 109' from departure end of runway, 134' left of centerline, 0' AGL/74' MSL. Tree 536' from departure end of runway, 457' right of centerline, 50' AGL/114' MSL.

LA GRANGE, TX
FAYETTE RGNL AIR CENTER (3T5)
ORIG 08157 (FAA)
NOTE: **Rwy 16,** tree 140' from departure end of runway, 276' right of centerline, 100' AGL/432' MSL. Tree 612' from departure end of runway, 551' left of centerline, 100' AGL/422' MSL. Road with vehicle 942' from departure end of runway, 667' left of centerline, 15' AGL/350' MSL.

LA PORTE, TX
LA PORTE MUNI (T41)
AMDT 4 08157 (FAA)
DEPARTURE PROCEDURE: **Rwy 30,** climb heading 301° to 700 before turning right. **Rwy 12,** climb heading 121° to 500 before turning right.
NOTE: **Rwy 5,** stack 2.1 NM from departure end of runway, 3297' left of centerline, 330' AGL/334' MSL. **Rwy 12,** pole 131' from departure end of runway, 261' right of centerline, 14' AGL/38' MSL. Stack 2.2 NM from departure end of runway, 1.6 NM right of centerline, 479' AGL/499' MSL.

LIBERTY, TX
LIBERTY MUNI
TAKE-OFF MINIMUMS: **Rwys 16, 34,** 2000-3 or std. with a min. climb of 270' per NM to 2100.
DEPARTURE PROCEDURE: **Rwys 16, 34**, eastbound departures climb runway heading to 2100 before proceeding on course.

LIVINGSTON, TX
LIVINGSTON MUNI
TAKE-OFF MINIMUMS: **Rwys 12,30,** 300-1.

LUFKIN, TX
ANGELINA COUNTY
NOTE: **Rwy 7,** multiple trees and terrain beginning 75' from departure end of runway, 39' left of centerline, up to 85' AGL/381' MSL. Multiple trees beginning 148' from departure end of runway, 334' right of centerline, up to 75' AGL/371' MSL. **Rwy 15,** multiple trees beginning 261' from departure end of runway, 142' right of centerline, up to 53' AGL/327' MSL. Multiple trees and terrain beginning 21' from departure end of runway, 146' left of centerline, up to 53' AGL/327' MSL. **Rwy 25,** multiple trees beginning 1767' from departure end of runway, 283' right of centerline, up to 78' AGL/362' MSL. Multiple trees beginning 1366' from departure end of runway, 145' left of centerline, up to 69' AGL/353' MSL. **Rwy 33,** multiple trees and pole beginning 289' from departure end of runway, 247' right of centerline, up to 71' AGL/360' MSL. Multiple trees and road beginning 574' from departure end of runway, 4' left of centerline, up to 74' AGL/363' MSL.

NACOGDOCHES, TX
A. L. MANGHAM JR. RGNL
TAKE-OFF MINIMUMS: **Rwy 36**, 1000-3 or std. with a min. climb of 220' per NM to 1000.
DEPARTURE PROCEDURE: **Rwys 15, 18, 33, 36**, climb runway heading to 1000 before proceeding on course.

NAVASOTA, TX
NAVASOTA MUNI
DEPARTURE PROCEDURE: **Rwy 35**, climb runway heading to 2100 before turning eastbound.

ORANGE, TX
ORANGE COUNTY (ORG)
ORIG 09295 (FAA)
TAKE-OFF MINIMUMS: **Rwy 4,** 400-1¼ or std. w/ min. climb of 425' per NM to 500. **Rwys 13, 31,** NA-Environmental.
NOTE: **Rwy 4,** trees beginning 893' from DER, 513' right of centerline, up to 30' AGL/87' MSL. Trees beginning 1856' from DER, 550 left of centerline, up to 30' AGL/66' MSL. Transmission poles beginning 2518' from DER, left and right of centerline, up to 73' AGL/83' MSL. Tower 6401' from DER, 1900' left of centerline, 283' AGL/298' MSL. **Rwy 22,** trees beginning at DER, left and right of centerline, up to 30' AGL/39' MSL.

PALESTINE, TX

PALESTINE MUNI

TAKE-OFF MINIMUMS: **Rwy 9**, std. with a min. climb of 313' per NM to 1200, or 600-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 9,** for climb in visual conditions: cross Palestine Municipal Airport at or above 1200.

NOTE: **Rwy 9,** multiple trees and terrain beginning 1.5 NM from departure end of runway, 2404' left of centerline, up to 100' AGL/739' MSL. Terrain 1.6 NM from departure end of runway, 1545' right of centerline, 601' MSL.

VICTORIA, TX

VICTORIA RGNL (VCT)

ORIG 08325 (FAA)

NOTE: **Rwy 12R,** trees beginning 810' from departure end of runway, 606' right of centerline, up to 40' AGL/139' MSL. Train on railroad 797' from departure end of runway, 303' right of centerline, 23' AGL/148' MSL. Pole 947' from departure end of runway, 62' right of centerline, 32' AGL/131' MSL. Hopper 1124' from departure end of runway, 417' left of centerline, 35' AGL/134' MSL. **Rwy 17,** DME on building 598' from departure end of runway, 421' left of centerline, 19' AGL/118' MSL. **Rwy 35,** bush 105' from departure end of runway, 171' right of centerline, 12' AGL/116' MSL. Bush 247' from departure end of runway, 92' right of centerline, 12' AGL/116' MSL.

WHARTON,TX

WHARTON RGNL (ARM)

ORIG 09239 (FAA)

NOTE: **Rwy 32,** vehicle on roads beginning 26' from DER, 312' right of centerline, up to 17' AGL/113' MSL. Buildings beginning 40' from DER, 338' right of centerline, up to 26' AGL/125' MSL. Poles beginning 140' from DER, 467' right of centerline, up to 43' AGL/142' MSL. Tree 828' from DER, 509' right of centerline, 28' AGL/127' MSL. Fence 24' from DER, 288' left of centerline, 4' AGL/103' MSL. Tree 1147' from DER, 425' left of centerline, 41' AGL/140' MSL.

09183

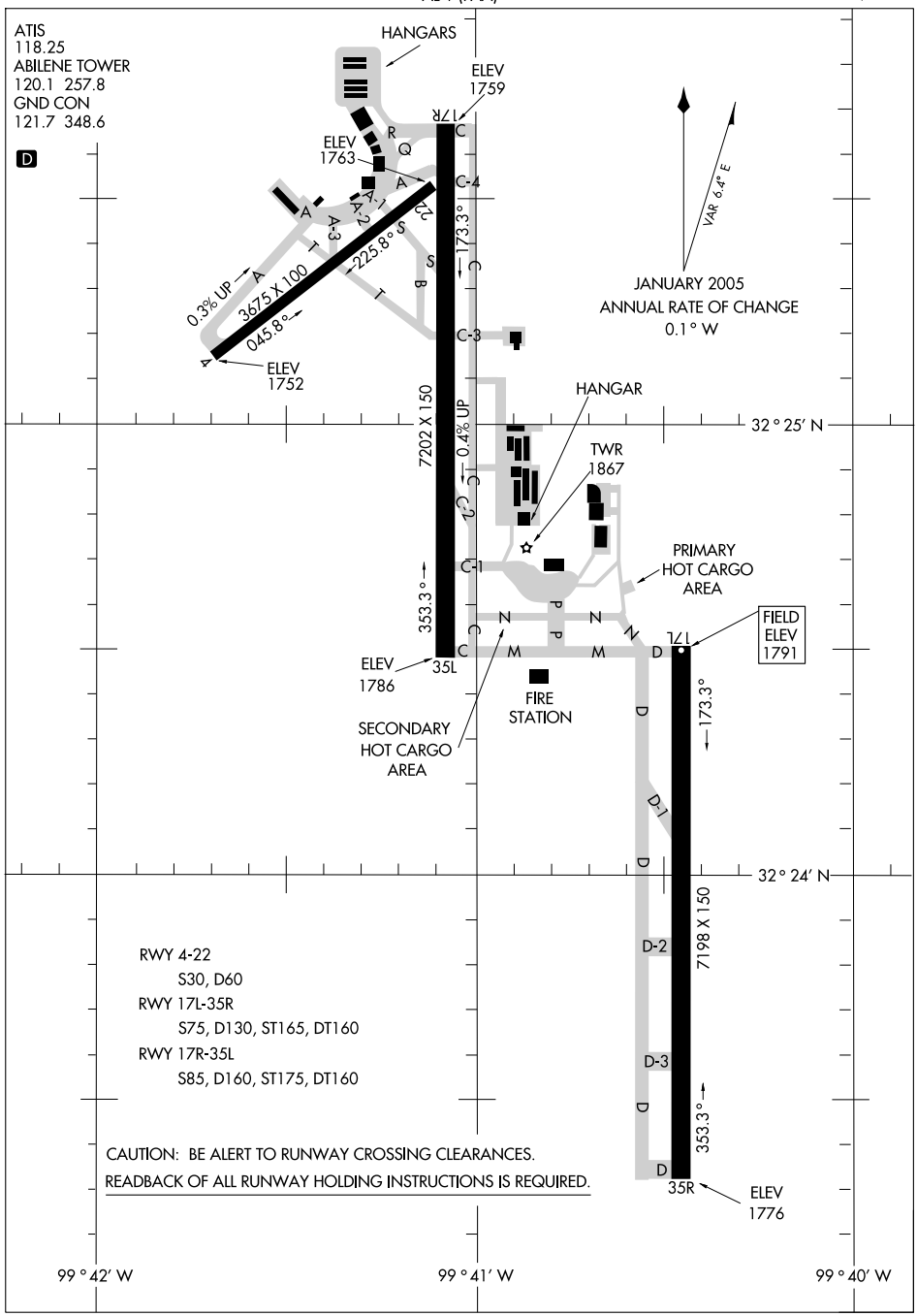
AIRPORT DIAGRAM

ABILENE/ABILENE RGNL (ABI)
ABILENE, TEXAS

AL-1 (FAA)

ATIS
118.25
ABILENE TOWER
120.1 257.8
GND CON
121.7 348.6

D



RWY 4-22
S30, D60
RWY 17L-35R
S75, D130, ST165, DT160
RWY 17R-35L
S85, D160, ST175, DT160

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-ABI	APP CRS	Rwy Idg	7198
110.3	352°	TDZE	1775
Chan 40		Apt Elev	1790

ILS or LOC RWY 35R

ABILENE RGNL (ABI)

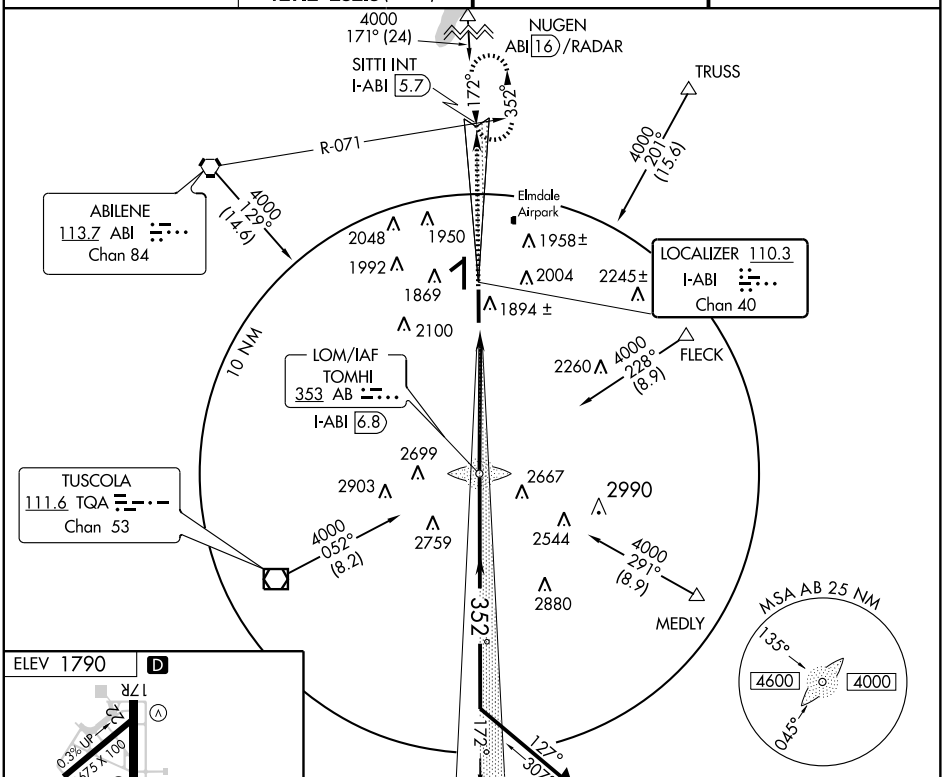
ASR

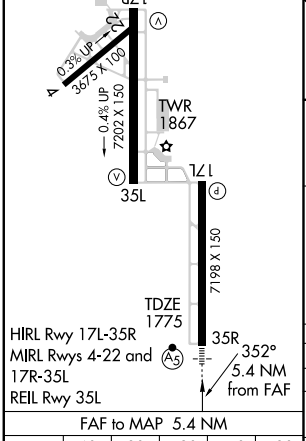
* Vis Cat A/B/C/D RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3500 on I-ABI north course to SITTI INT and hold.

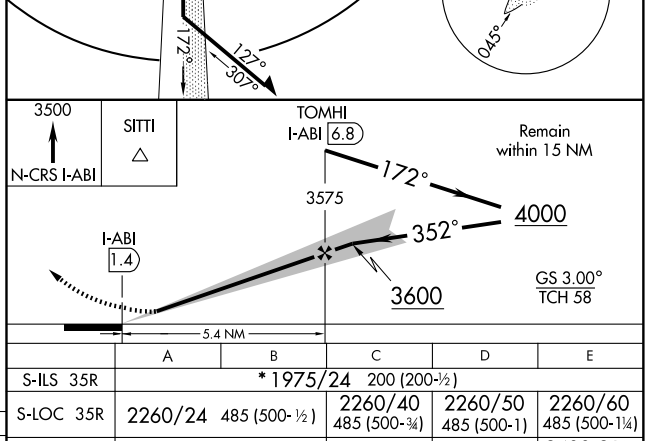
ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6





FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48



	A	B	C	D	E
S-ILS 35R	* 1975/24 200 (200-½)				
S-LOC 35R	2260/24 485 (500-½)		2260/40 485 (500-¾)	2260/50 485 (500-1)	2260/60 485 (500-1¼)
CIRCLING	2260-1 470 (500-1)		2360-1½ 570 (600-1½)	2360-2 570 (600-2)	2400-2¼ 610 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

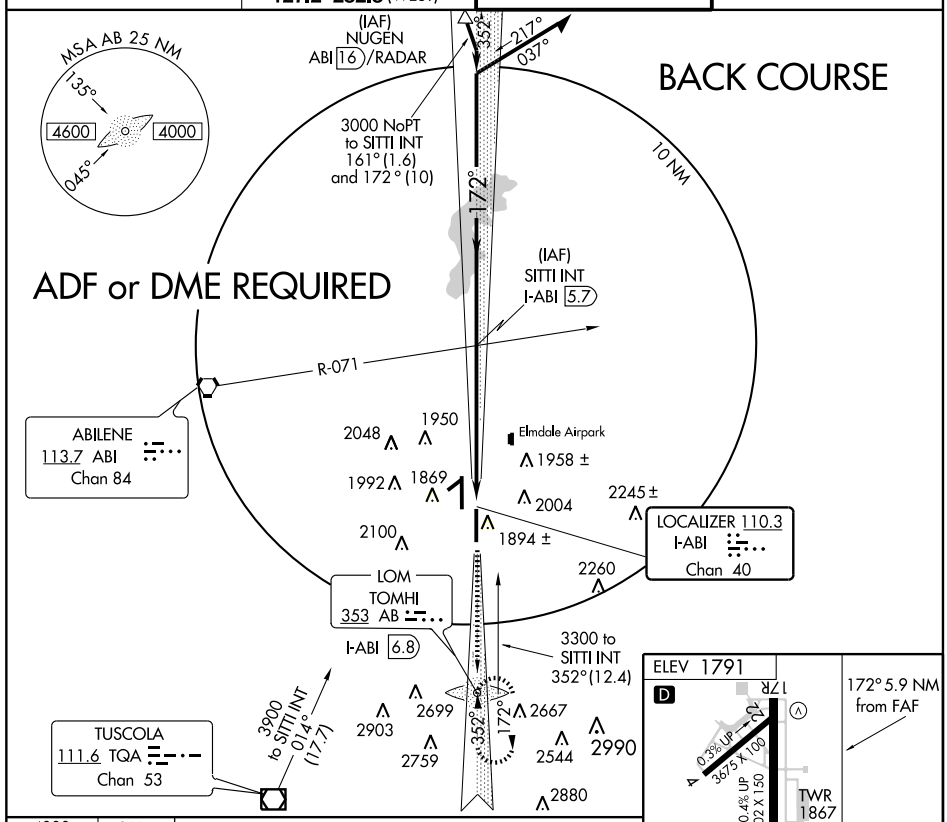
LOC/DME I-ABI	APP CRS	Rwy Idg	7198
110.3	172°	TDZE	1791
Chan 40		Apt Elev	1791

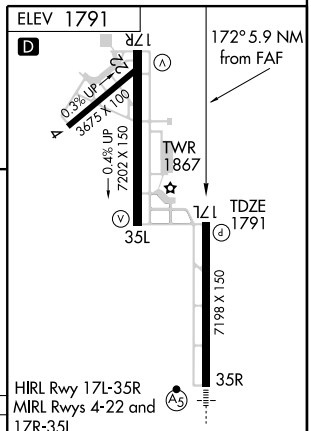
LOC BC RWY 17L
ABILENE RGNL (ABI)

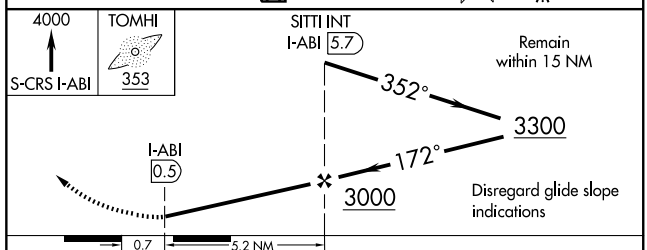
ASR

MISSED APPROACH: Climb to 4000 via I-ABI south course to TOMHI LOM/I-ABI 6.8 DME and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6







CATEGORY	A	B	C	D	E
S-17L	2140-1 349 (400-1)			2140-1¼ 349 (400-1¼)	
CIRCLING	2260-1 469 (500-1)		2360-1½ 569 (600-1½)	2360-2 569 (600-2)	2400-2¼ 609 (700-2¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-2, 17 DEC 2009 to 14 JAN 2010

LOM AB	APP CRS	Rwy Idg	7198
353	352°	TDZE	1775
		Apt Elev	1790

NDB RWY 35R
ABILENE RGNL (ABI)

ASR

MALSR

MISSED APPROACH: Climb to 3300 via AB bearing 352° to SITTI INT and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6

4000 to LOM 171° (24)
NUGEN ABI 16 RADAR
SITTI INT
172°
352°
TRUSS
4000 201° (15.6)
R-071
172° bearing to LOM
ABILENE 113.7 ABI Chan 84
4000 129° (14.6)
Elmdale Airpark
2048 1950 1958± 1992 1869 2004 2245 ± 1894 ± 2100
LOM/IAF TOMHI 353 AB
2260 4000 228° (8.9) FLECK
TUSCOLA 111.6 TQA Chan 53
2699 2667 2903 2990 2759 2544 352° 4000 052° (8.2) 4000 291° (8.9) 2880 MEDLY
10 NM
127°
307°
172°

MSA AB 25 NM
135°
4600
4000
045°

ELEV 1790
D
17R
22
0.3% UP
3675 X 100
0.4% UP
7202 X 150
TWR 1867
17L
35L
7198 X 150
TDZE 1775
35R
HIRL Rwy 17L-35R
MIRL Rwys 4-22 and 17R-35L
REIL Rwy 35L
352°
5.4 NM from FAF

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

3300
AB BRG 352°
SITTI
LOM
Remain within 10 NM
172°
3575
4000
352°
3.11°
TCH 49
3600
5.4 NM

CATEGORY	A	B	C	D
S-35R	2320/40	545 (600-¾)	2320/50 545 (600-1)	2320-1½ 545 (600-1½)
CIRCLING	2320-1	530 (600-1)	2360-1½ 570 (600-1½)	2360-2 570 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	TDZE	Apt Elev
172°	7198	1791	1791

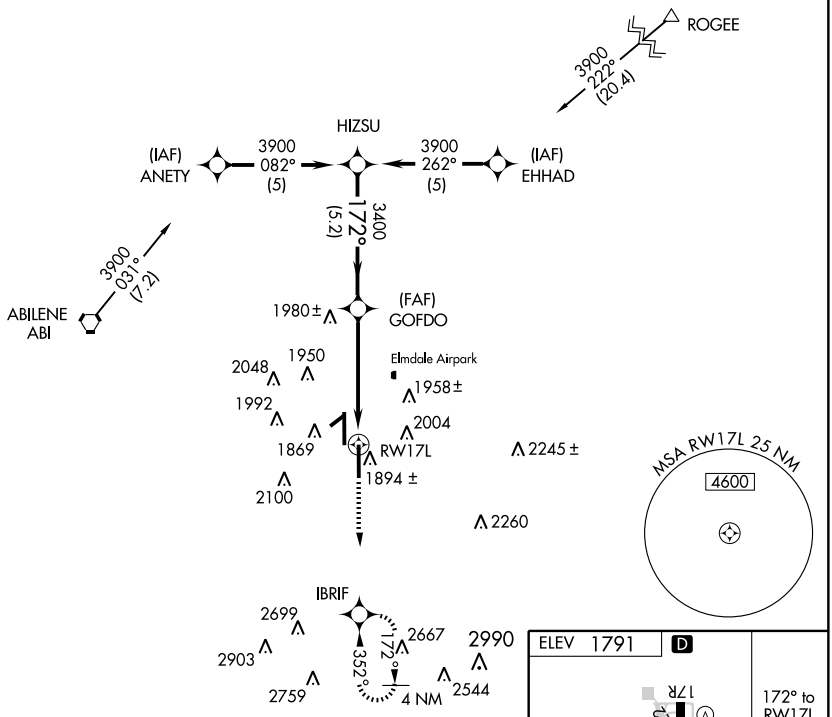
RNAV (GPS) RWY 17L
ABILENE RGNL (ABI)

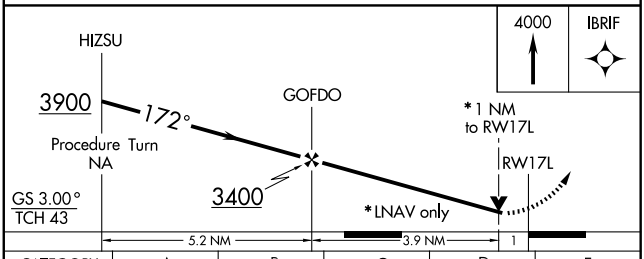
NA
ASR

DME/DME RNP-0.3 NA.

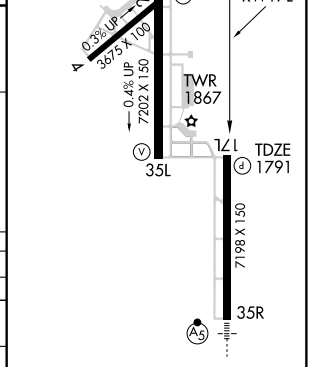
MISSED APPROACH: Climb to 4000 direct IBRIF and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6





CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	2120-1¼ 329 (400-1¼)				
LNAV MDA	2140-1 349 (400-1)			2140-1¼ 349 (400-1¼)	
CIRCLING	2260-1¼ 469 (500-1¼)	2260-1¼ 469 (500-1¼)	2360-1½ 569 (600-1½)	2360-2 569 (600-2)	2400-2¼ 609 (700-2¼)



HIRL Rwy 17L-35R
MIRL Rwys 4-22 and 17R-35L
REIL Rwy 35L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3675
224°	TDZE	1764
	Apt Elev	1791

RNAV (GPS) RWY 22

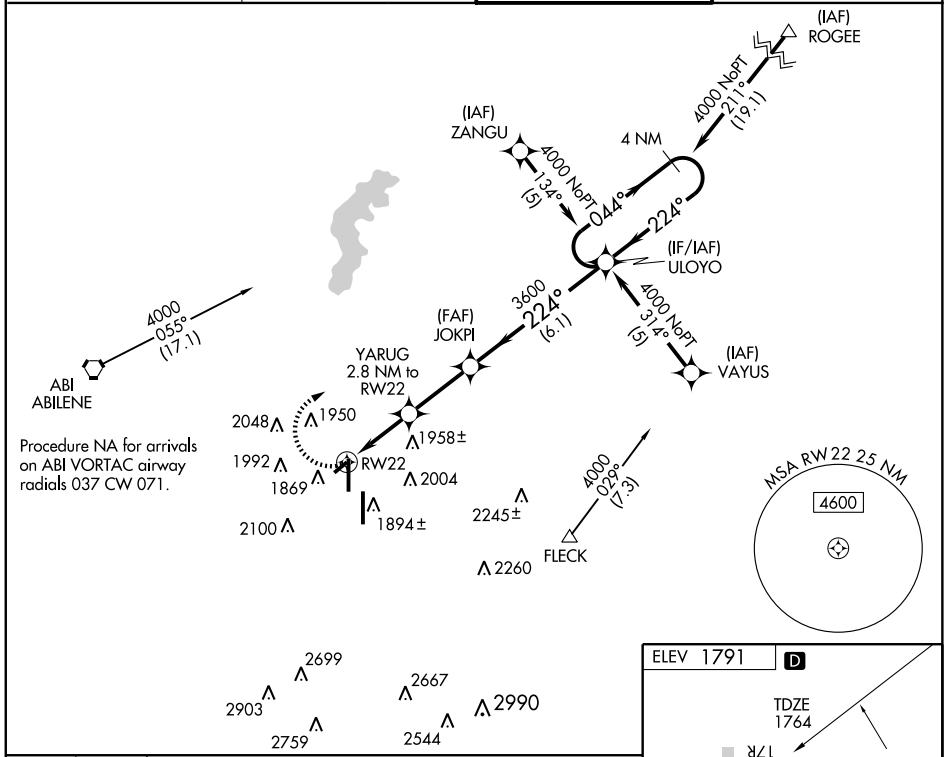
ABILENE RGNL (ABI)

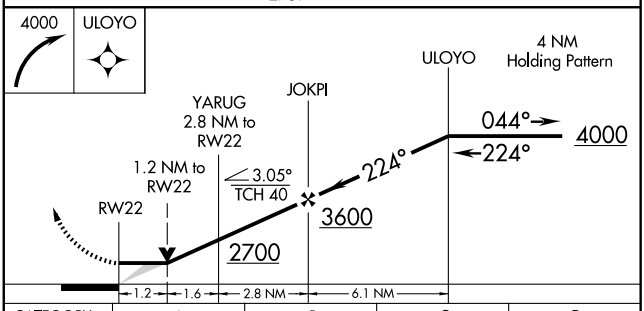
T A ASR

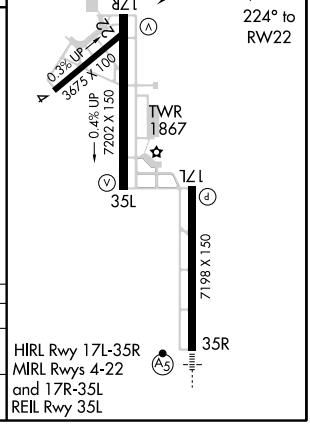
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dyess AFB altimeter setting and increase all MDA 40 feet, increase LNAV Cat D visibility ¼ mile. VDP NA when using Dyess AFB altimeter setting.

MISSED APPROACH: Climbing right turn to 4000 direct ULOYO and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6







CATEGORY	A	B	C	D
LNAV MDA	2180-1 416 (500-1)		2180-1¼ 416 (500-1¼)	
CIRCLING	2260-1 469 (500-1)		2260-1½ 469 (500-1½)	2360-2 569 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 35R

ABILENE RGNL (ABI)

APP CRS	Rwy Idg	TDZE	Apt Elev
352°	7198	1776	1791

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Baro VNAV NA below -30°C (-22°F) For inoperative SSALR, increase LNAV/VNAV Cat D, E visibility to RVR 5000.

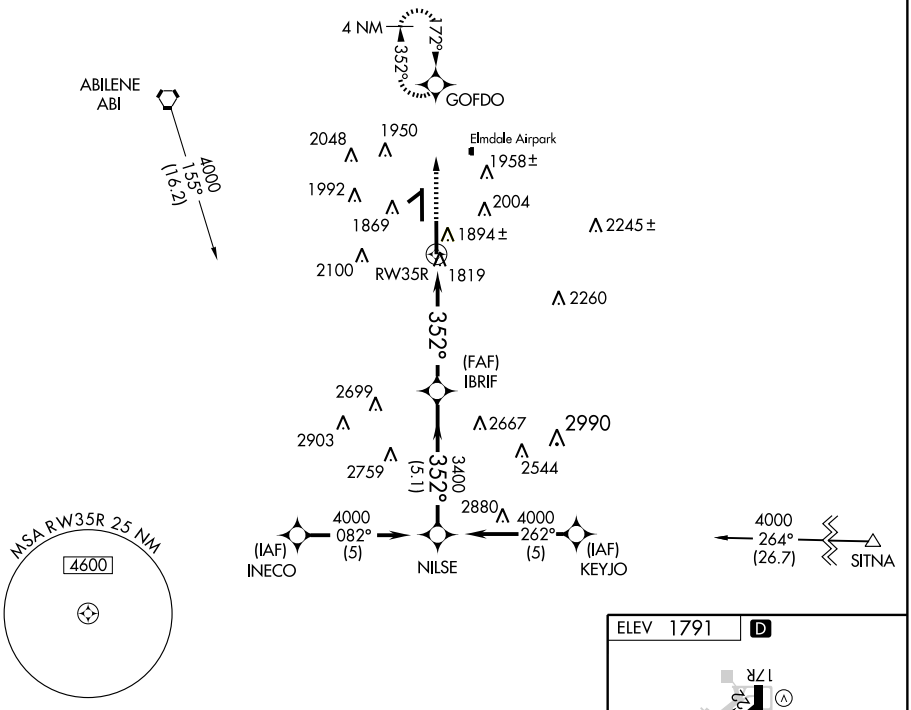
NA

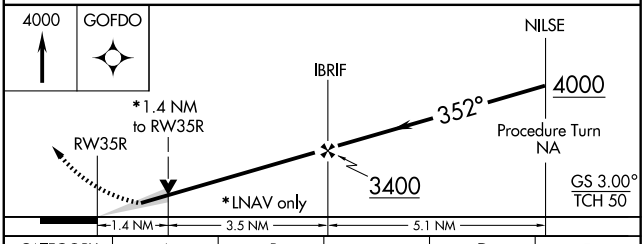
ASR

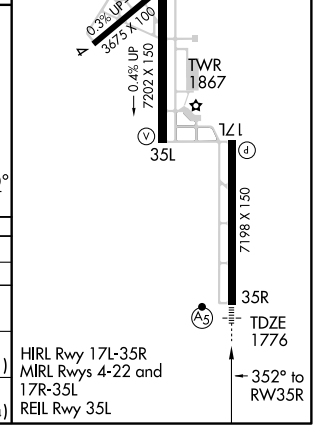
MALSR

MISSED APPROACH: Climb to 4000 direct GOFDO and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6







CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	2080/24 304 (400-½)			2080/40 304 (400-¾)	
LNAV MDA	2260/24 484 (500-½)		2260/40 484 (500-¾)	2260/50 484 (500-1)	2260/60 484 (500-1¼)
CIRCLING	2260-1 469 (500-1)		2360-1½ 569 (600-1½)	2360-2 569 (600-2)	2400-2¼ 609 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR ABI	APP CRS	Rwy Idg	N/A
113.7	105°	TDZE	N/A
Chan 84		Apt Elev	1790

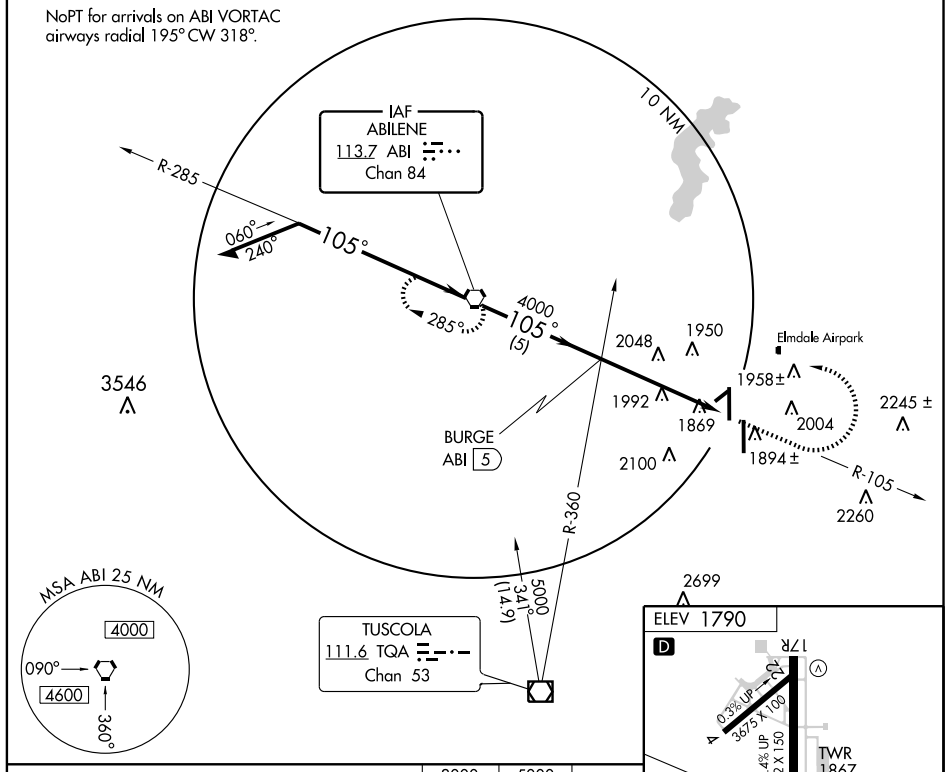
VOR-A
ABILENE RGNL (ABI)

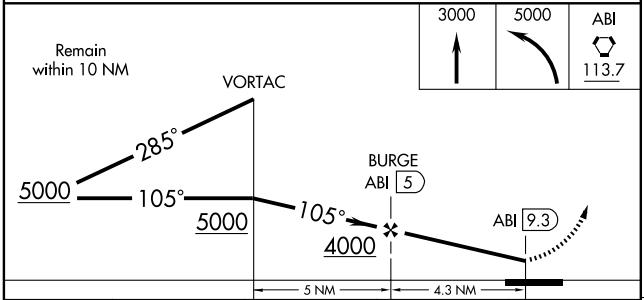
ASR

MISSED APPROACH: Climb to 3000, then climbing left turn to 5000 direct ABI VORTAC and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6

NoPT for arrivals on ABI VORTAC airways radial 195° CW 318°.





CATEGORY	A	B	C	D
CIRCLING	2300-1 510 (600-1)		2360-1½ 570 (600-1½)	2360-2 570 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME TQA	APP CRS	Rwy Idg	3675
111.6	200°	TDZE	1764
Chan 53		Apt Elev	1791

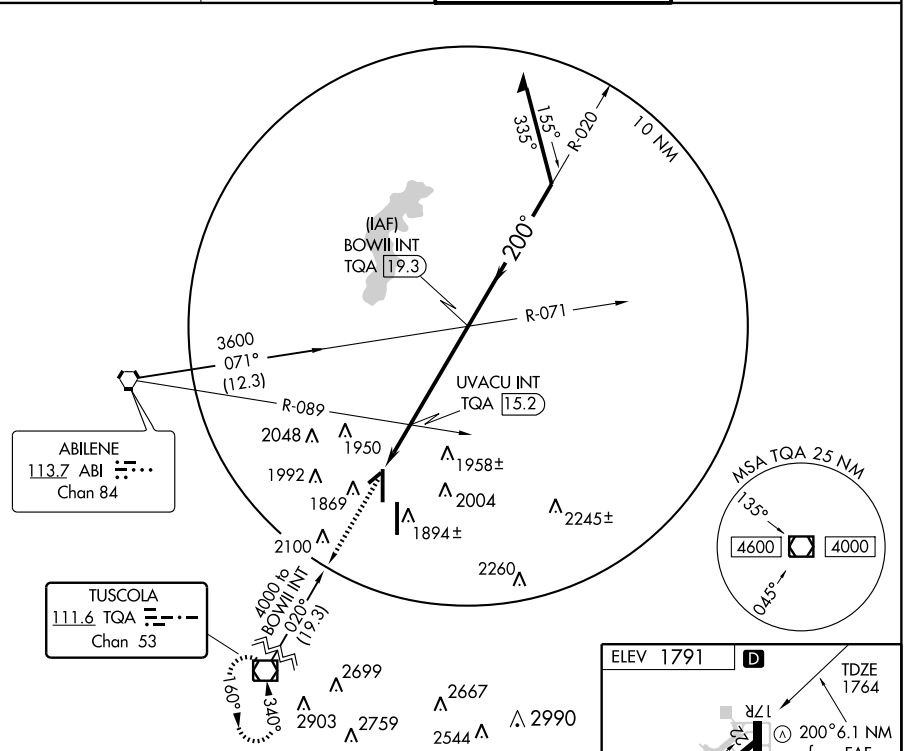
VOR RWY 22
ABILENE RGNL (ABI)

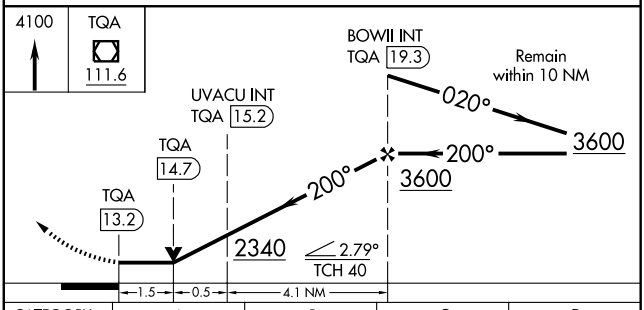
ASR

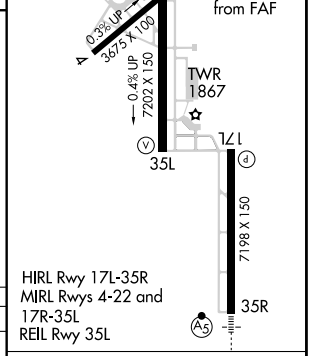
VDP NA when using Dyess AFB altimeter setting. When local altimeter setting not received, use Dyess AFB altimeter setting and increase all MDA 40 feet and increase S-22 Cat C and D visibilities ¼ mile.

MISSED APPROACH: Climb to 4100 direct TQA VOR/DME and hold.

ATIS	ABILENE APP CON	ABILENE TOWER	GND CON
118.25	125.0 338.3 (EAST) 127.2 282.3 (WEST)	120.1 257.8	121.7 348.6







CATEGORY	A	B	C	D
S-22	2240-1	476 (500-1)	2240-1¼ 476 (500-1¼)	2240-1½ 476 (500-1½)
CIRCLING	2260-1	469 (500-1)	2260-1½ 469 (500-1½)	2360-2 569 (600-2)

FAF to MAP 6.1 NM

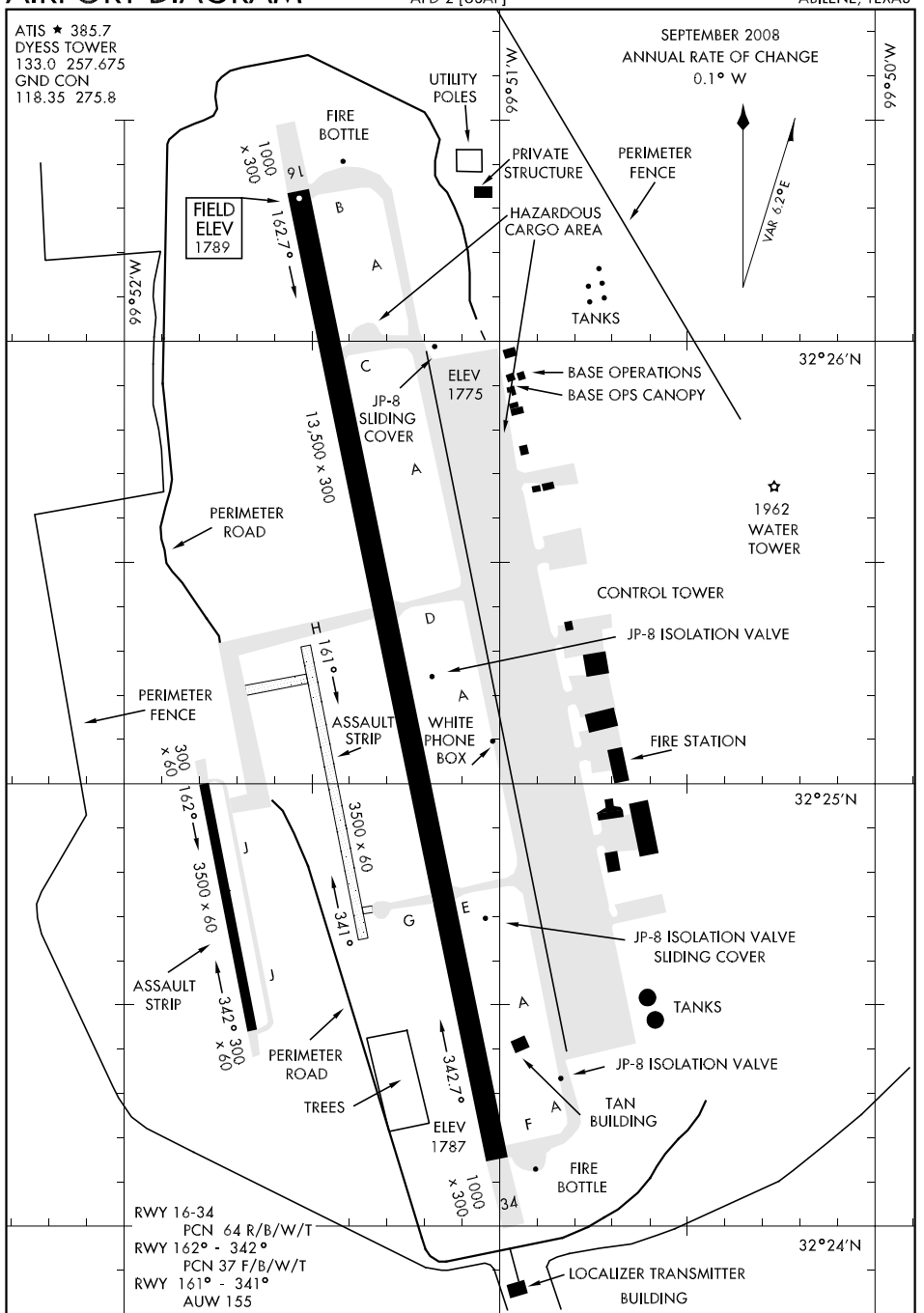
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

DYESS AFB (KDYS)

ABILENE, TEXAS



RWY 16-34
PCN 64 R/B/W/T
RWY 162° - 342°
PCN 37 F/B/W/T
RWY 161° - 341°
AUW 155

HI-ILS RWY 16

LOC I-TYY	APCH CRS	Rwy ldg 13,500 / TDZE 1789 / Arpt Elev 1789
109.9	161°	JAL-2 [USAF]

DYESS AFB (KDYS)

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.
*** When ALS inop, increase CAT C vis to 1½ miles, CAT DE vis to 1¾ miles.

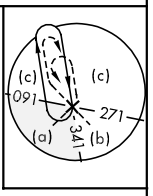
ALSF-1 (A1)

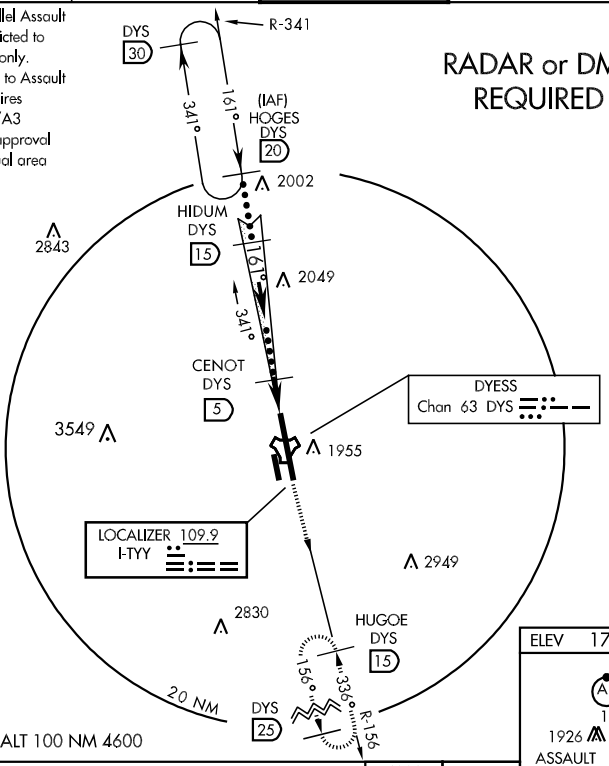
MISSED APPROACH: Climb to 4000 via DYS R-156 to HUGOE and hold.

ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

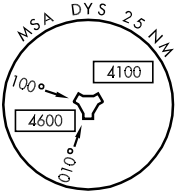
† Circling to parallel Assault Strip 162° restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.

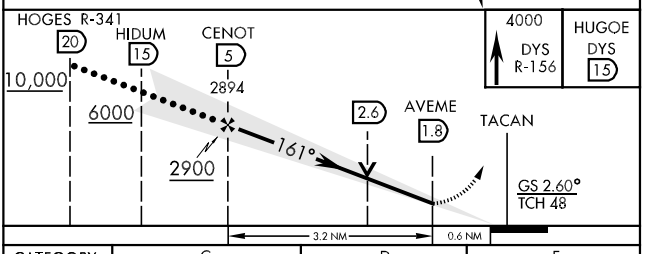
RADAR or DME REQUIRED

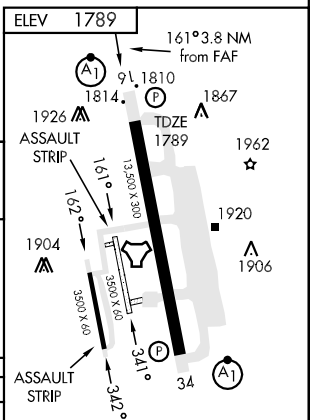




EMERG SAFE ALT 100 NM 4600







LIRL Rwy 162°-342°
HIRL Rwy 16-34

CATEGORY	C	D	E
S-ILS 16 *	1989/24	200 (200-½)	
S-LOC 16 **	2220/40 431 (500-¾)	2220/50 431 (500-1)	
CIRCLING †	2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 16 ***	2300/50 511 (600-1)	2300-1½ 511 (600-1½)	

FAF to MAP 3.2 NM

Knots	120	140	160	180	200
Min:Sec	1:36	1:22	1:12	1:04	0:58

HI-ILS RWY 34

LOC I-DYS	APCH CRS	Rwy ldg 13,500 TDZE 1787 Arpt Elev 1789
109.9	341°	

JAL-2 [USAF]

DYESS AFB (KDYS)

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

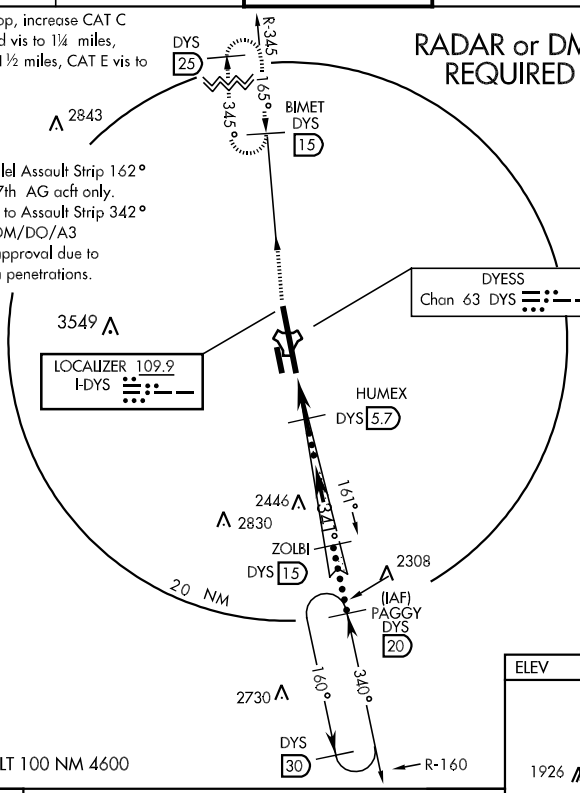
ALSF-1 (A1)

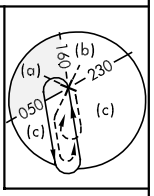
MISSED APPROACH: Climb to 4000 via DYS R-345 to BIMET and hold.

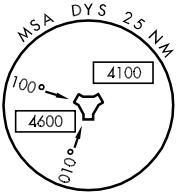
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

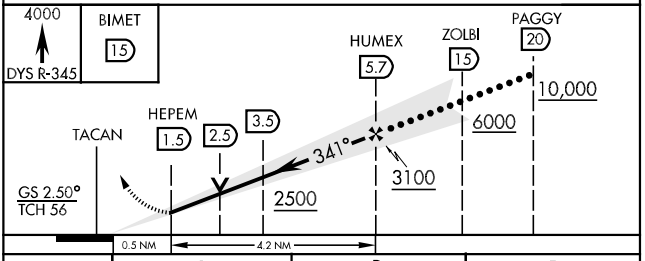
*** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

† Circling to parallel Assault Strip 162°
Restricted to 317th AG acft only.
Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.





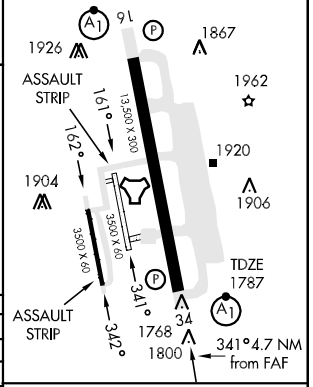




CATEGORY	C	D	E
S-ILS 34 *	1987/24 200 (200-½)		
S-LOC 34 **	2240/40 453 (500-¾)	2240/50 453 (500-1)	
CIRCLING †	2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671(700-2½)
S-ASR 34 ***	2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)

ELEV 1789

LIRL Rwy 162°-342°
HIRL Rwy 16-34



FAF to MAP 4.2 NM

Knots	120	140	160	180	200
Min:Sec	2:06	1:48	1:35	1:24	1:16

SC-2, 17 DEC 2009 to 14 JAN 2010

HI-TACAN RWY 16

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
DYS Chan 63	165°	13,500	1789	1789

JAL-2 [USAF]

DYESS AFB (KDYS)

T * When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

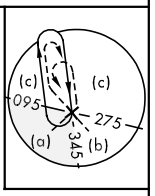
ALSF-1 (A1)

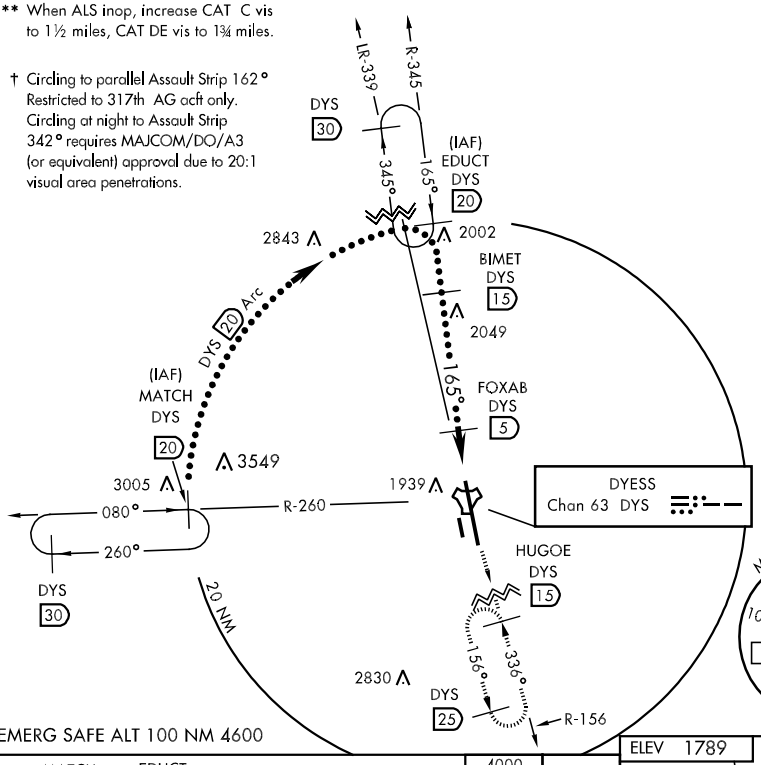
MISSED APPROACH: Climb to 4000 via DYS R-156 to HUGOE and hold.

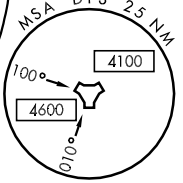
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

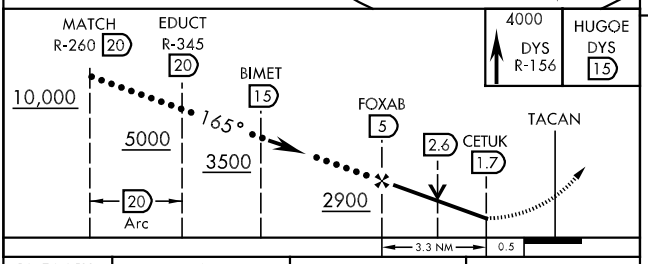
** When ALS inop, increase CAT C vis to 1½ miles, CAT DE vis to 1¾ miles.

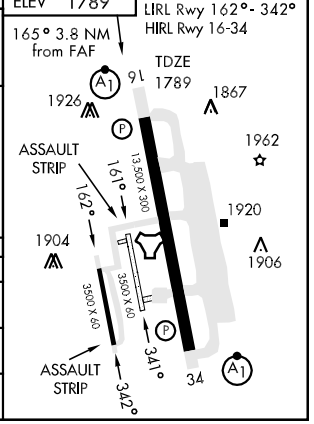
† Circling to parallel Assault Strip 162° Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.











CATEGORY	C	D	E
S-16 *	2220/40 431 (500-¾)	2220/50	431 (500-1)
CIRCLING †	2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 16 **	2300/50 511 (600-1)	2300-1½	511 (600-1½)

HI-TACAN RWY 34

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
DYS Chan 63	336°	13,500	1787	1789

JAL-2 [USAF]

DYESS AFB (KDYS)

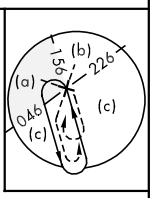
▼ * When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.
** When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

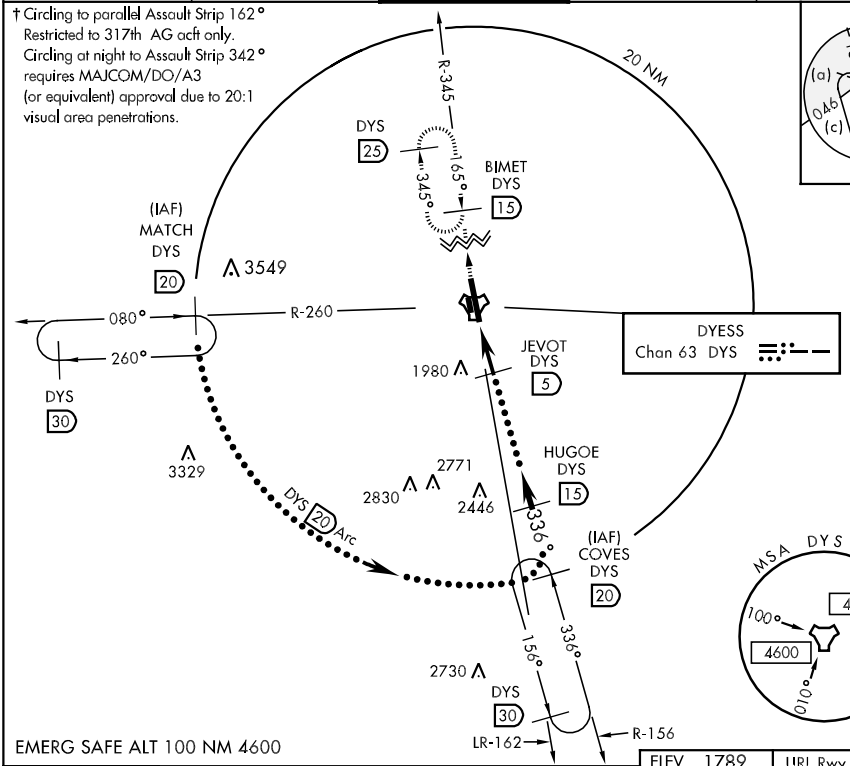
ALSF-1 (A1)

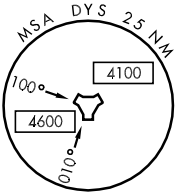
MISSED APPROACH: Climb to 4000 via DYS R-345 to BIMET and hold.

ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

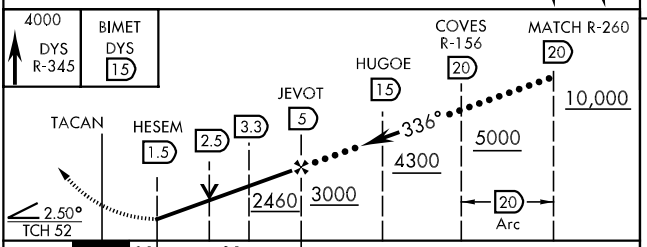
† Circling to parallel Assault Strip 162°
Restricted to 317th AG acft only.
Circling at night to Assault Strip 342°
requires MAJCOM/DO/A3
(or equivalent) approval due to 20:1
visual area penetrations.

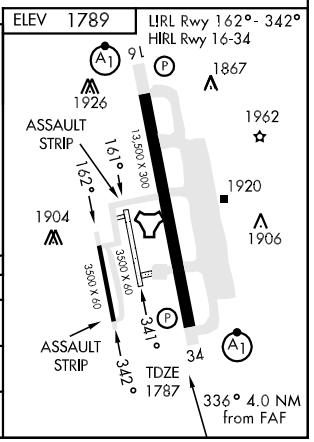






EMERG SAFE ALT 100 NM 4600





CATEGORY	C	D	E
S-34 *	2240/40 453 (500-¾)	2240/50 453 (500-1)	
CIRCLING †	2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671(700-2½)
S-ASR 34 **	2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)

ILS RWY 16

LOC I-TYY	APCH CRS	Rwy ldg 13,500 TDZE 1789 Arpt Elev 1789	AL-2 [USAF]	DYESS AFB (KDYS)
109.9	161°			

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

ALSF-1

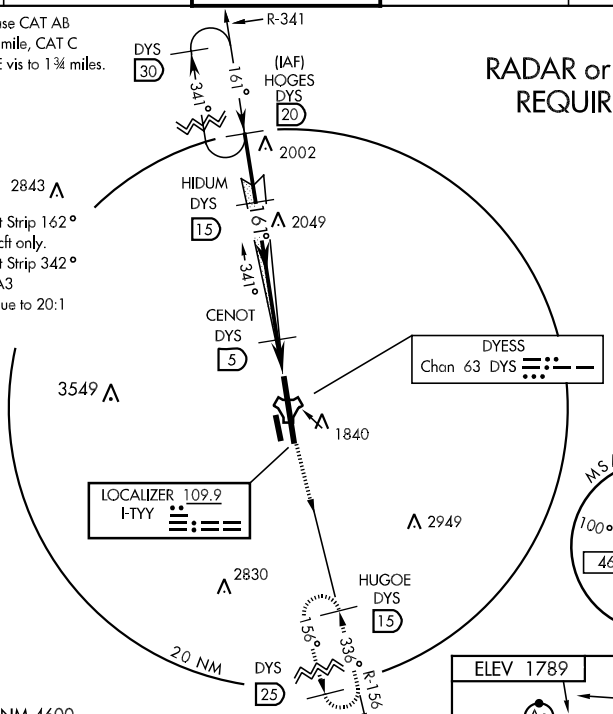
MISSED APPROACH: Climb to 4000 via DYS R-156 to HUGOE and hold.

ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

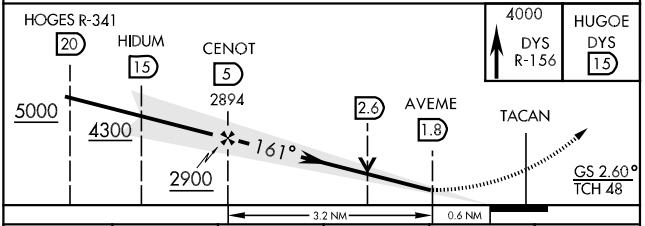
*** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT DE vis to 1¾ miles.

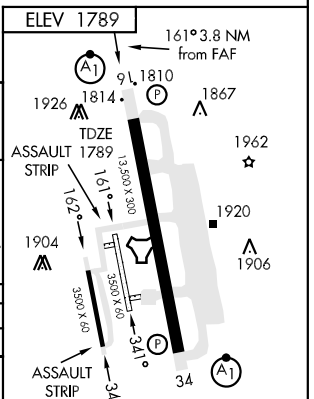
† Circling to parallel Assault Strip 162° Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.

RADAR or DME REQUIRED



EMERG SAFE ALT 100 NM 4600





LIRL Rwy 162°-342°
HIRL Rwy 16-34

CATEGORY	A	B	C	D	E
S-ILS 16 *	1989/24 200 (200-½)				
S-LOC 16 **	2220/24 431 (500-½)		2220/40 431 (500-¾)	2220/50 431 (500-1)	
CIRCLING †	2340-1 551 (600-1)		2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 16 ***	2300/24 511 (600-½)	2300/40 511 (600-¾)	2300/50 511 (600-1)	2300-1½ 511 (600-1½)	

FAF to MAP 3.2 NM

Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

ILS RWY 34

LOC I-DYS	APCH CRS	Rwy ldg 13,500 / TDZE 1787 / Arpt Elev 1789	AL-2 [USAF]	DYESS AFB (KDYS)
109.9	341°			

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼, CAT DE vis to 1½ miles.

ALSF-1

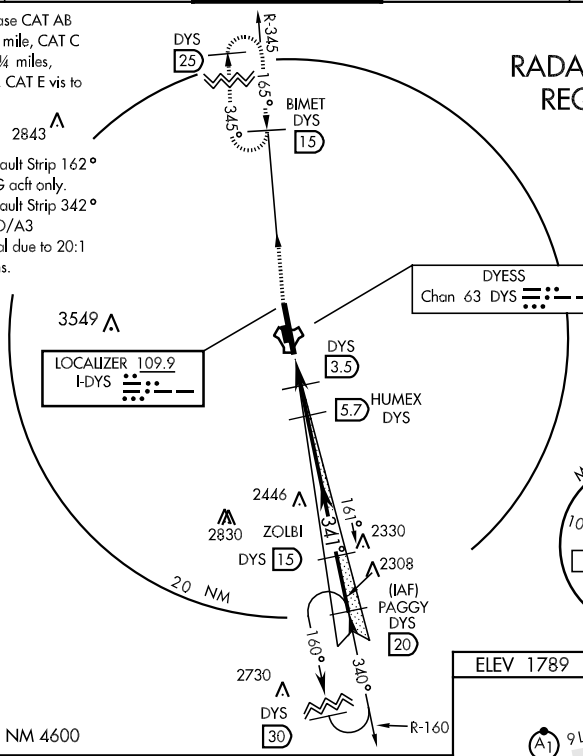
MISSED APPROACH: Climb to 4000 via DYS R-345 to BIMET and hold.

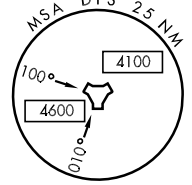
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

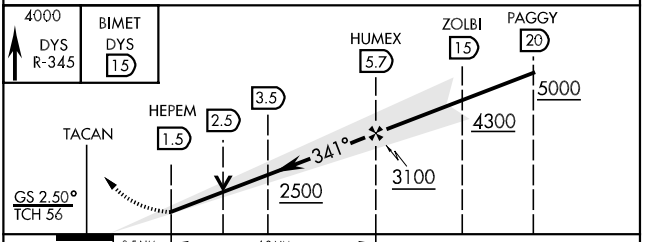
*** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

† Circling to parallel Assault Strip 162°. Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.

RADAR or DME REQUIRED

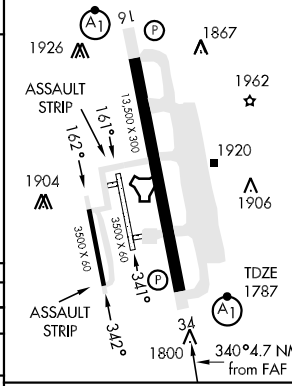






ELEV 1789

LIRL Rwy 162°-342°
HIRL Rwy 16-34



CATEGORY	A	B	C	D	E
S-ILS 34 *	1987/24 200 (200-½)				
S-LOC 34**	2240/24 453 (500-½)		2240/40 453 (500-¾)	2240/50 453 (500-1)	
CIRCLING †	2340-1 551 (600-1)		2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 34 ***	2260/24 473 (500-½)		2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)

FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-2, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 16

TACAN DYS Chan 63	APCH CRS 165°	Rwy ldg 13,500 TDZE 1789 Arpt Elev 1789	AL-2 [USAF]	DYESS AFB (KDYS)

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

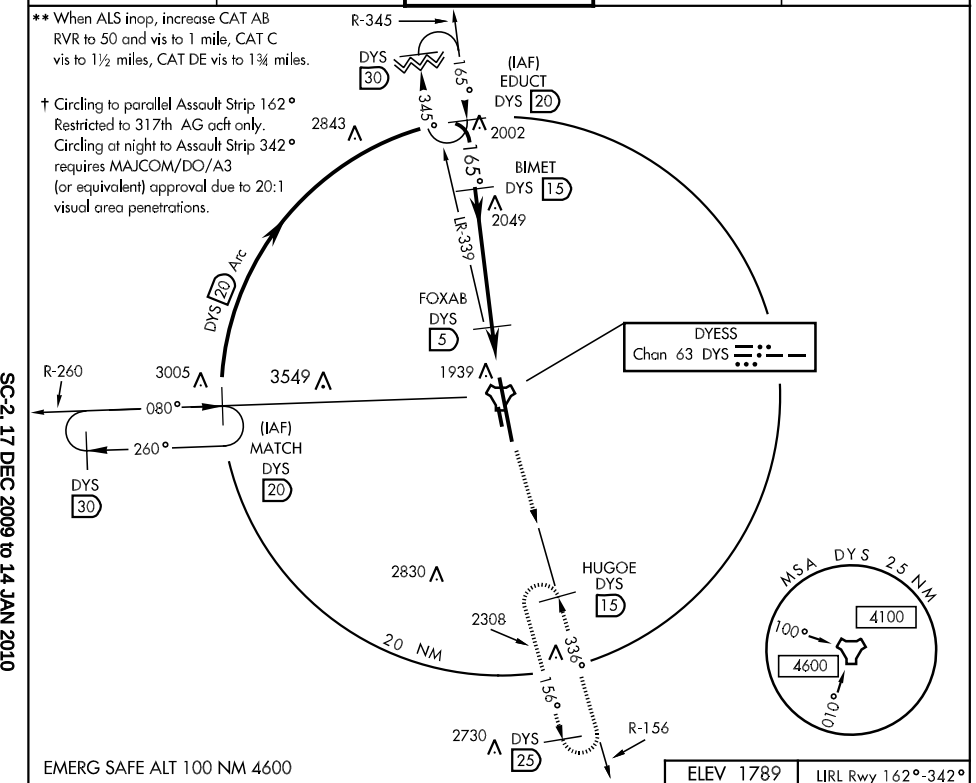
ALSF-1

MISSED APPROACH: Climb to 4000 out DYS R-156 to HUGOE and hold.

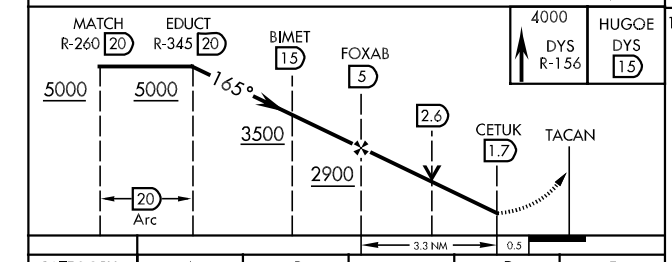
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

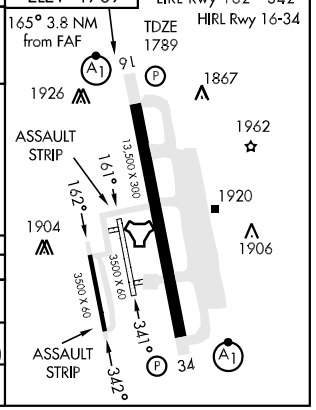
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT DE vis to 1¾ miles.

† Circling to parallel Assault Strip 162° Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.



EMERG SAFE ALT 100 NM 4600





CATEGORY	A	B	C	D	E
S-16*	2220/24	431 (500-½)	2220/40 431 (500-¾)	2220/50	431 (500-1)
CIRCLING †	2340-1	551 (600-1)	2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 16**	2300/24 511 (600-½)	2300/40 511 (600-¾)	2300/50 511 (600-1)	2300/60	511 (600-1¼)

TACAN RWY 34

TACAN DYS Chan 63	APCH CRS 336°	Rwy ldg 13,500 TDZE 1787 Arpt Elev 1789	AL-2 [USAF]	DYESS AFB (KDYS)

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.

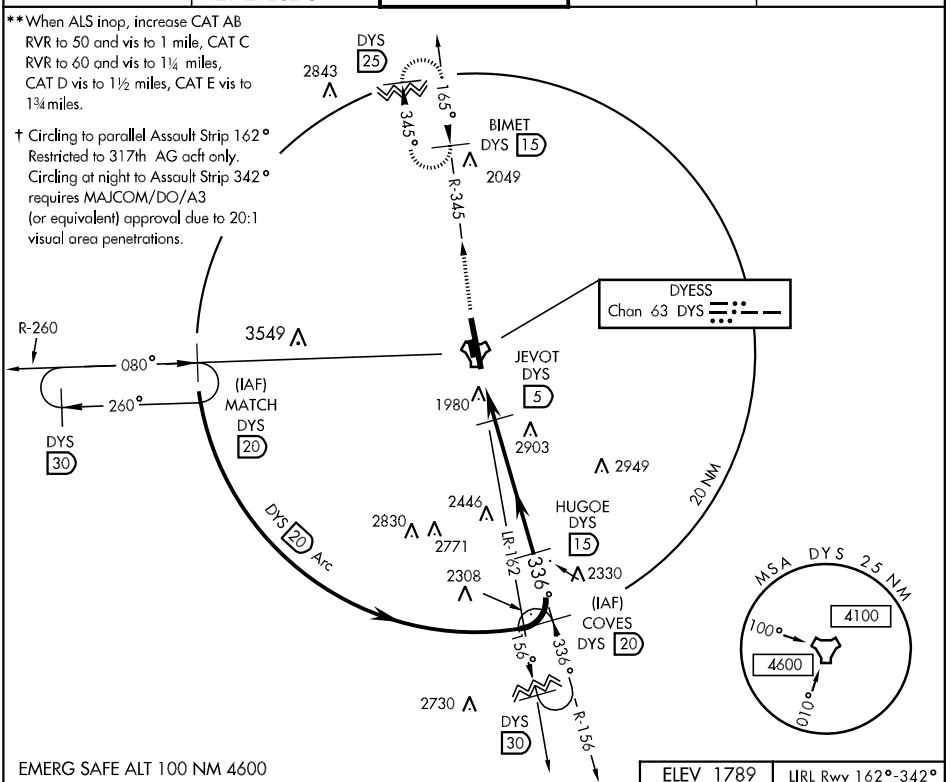
ALSF-1

MISSED APPROACH: Climb to 4000 out DYS R-345 to BIMET and hold.

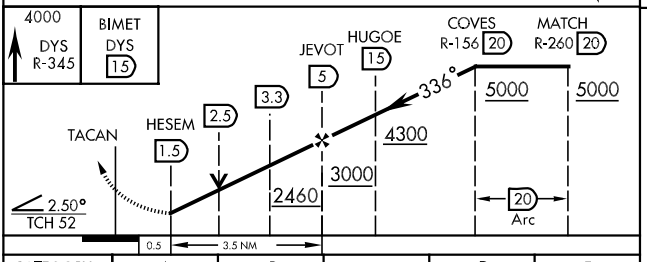
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

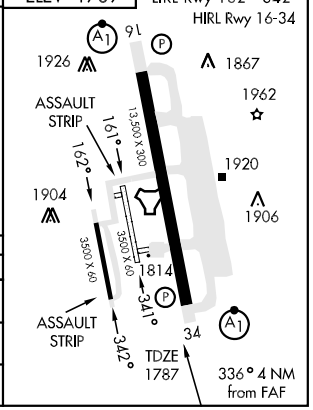
**When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

† Circling to parallel Assault Strip 162° Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.



EMERG SAFE ALT 100 NM 4600





CATEGORY	A	B	C	D	E
S-34*	2240/24 453 (500-½)		2240/40 453 (500-¾)	2240/50 453 (500-1)	
CIRCLING†	2340-1 551 (600-1)		2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671(700-2½)
S-ASR 34**	2260/24 473 (500-½)		2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME RWY 16

VOR/DME TQA	APCH CRS	Rwy Idg 13,500
111.6	160°	TDZE 1789
Chan 53		Arpt Elev 1789

AL-2 [USAF]

DYESS AFB (KDYS)

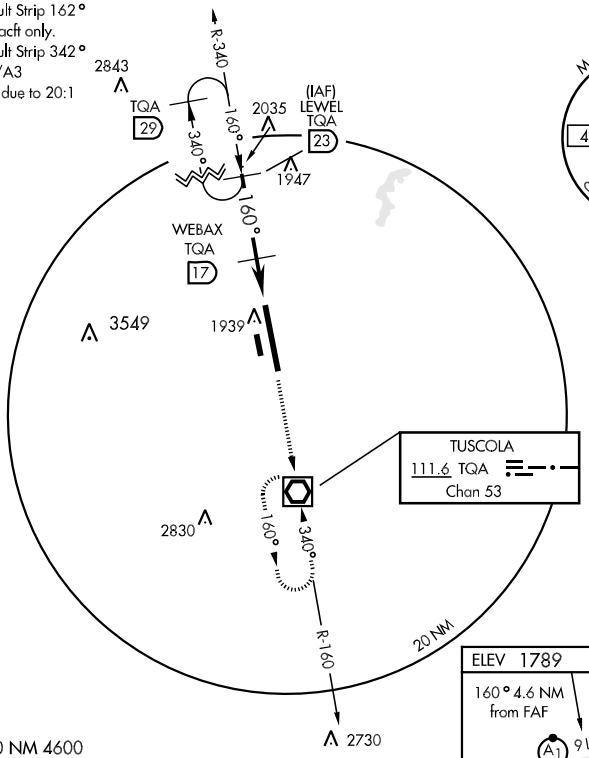
▼ * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT CD vis to 1½ miles, CAT E vis to 1¾ miles.
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT DE vis to 1¾ miles.

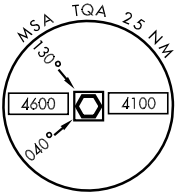
ALSF-1

MISSED APPROACH: Climb and maintain 4000 proceed direct TQA and hold.

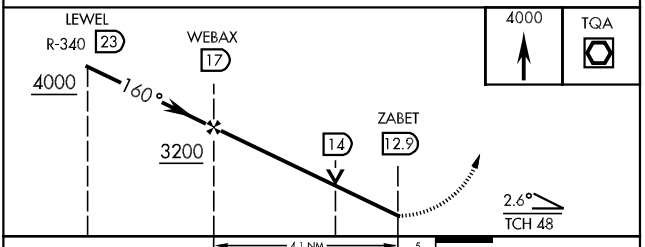
ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

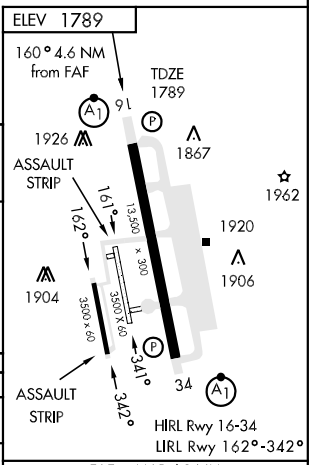
† Circling to parallel Assault Strip 162°
Restricted to 317th AG acft only.
Circling at night to Assault Strip 342°
requires MAJCOM/DO/A3
(or equivalent) approval due to 20:1
visual area penetrations.





EMERG SAFE ALT 100 NM 4600





CATEGORY	A	B	C	D	E
S-16 *	2300/24 511 (600-½)		2300/50 511 (600-1)		2300/60 511 (600-1¼)
CIRCLING †	2340-1 551 (600-1)		2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 16**	2300/24 511 (600-½)	2300/40 511 (600-¾)	2300/50 511 (600-1)	2300/60 511 (600-1¼)	

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:24	2:03	1:38	1:22

VOR/DME RWY 34

VOR/DME TQA 111.6 Chan 53	APCH CRS 340°	Rwy ldg 13,500 TDZE 1787 Arpt Elev 1789	AL-2 [USAF]	DYESS AFB (KDYS)

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

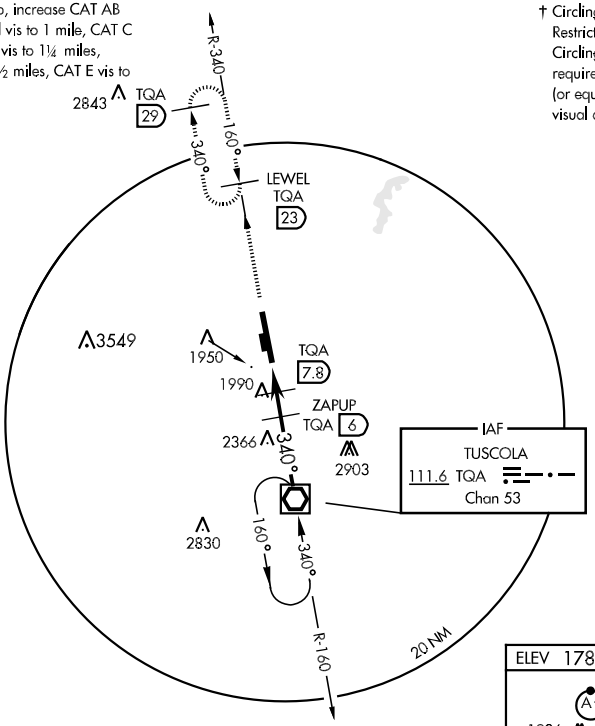
ALSF-1

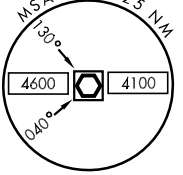
MISSED APPROACH: Climb to 4000 via TQA VOR/DME R-340 to LEWEL and hold.

ATIS ★	ABILENE APP CON	DYESS TOWER	GND CON	ASR
385.7	125.0 338.3 EAST 127.2 282.3 WEST	133.0 257.675	118.35 275.8	

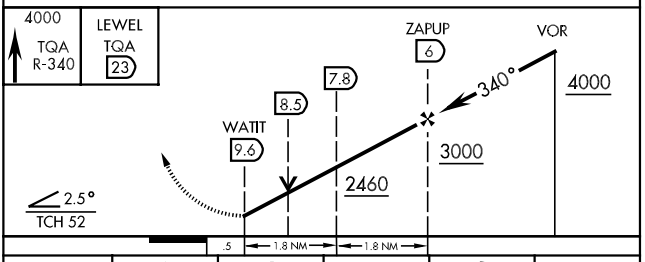
** When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

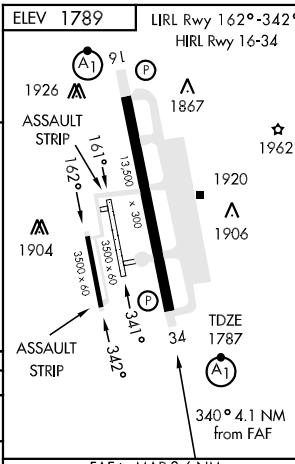
† Circling to parallel Assault Strip 162° Restricted to 317th AG acft only. Circling at night to Assault Strip 342° requires MAJCOM/DO/A3 (or equivalent) approval due to 20:1 visual area penetrations.





EMERG SAFE ALT 100 NM 4600





CATEGORY	A	B	C	D	E
S-34 *	2260/24 473 (500-½)		2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)
CIRCLING †	2340-1 551 (600-1)		2340-1½ 551 (600-1½)	2360-2 571 (600-2)	2460-2½ 671 (700-2½)
S-ASR 34**	2260/24 473 (500-½)		2260/40 473 (500-¾)	2260/50 473 (500-1)	2260/60 473 (500-1¼)

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

LOC/DME I-ALI	APP CRS	Rwy Idg	5997
109.3	308°	TDZE	174
Chan 30		Apt Elev	178

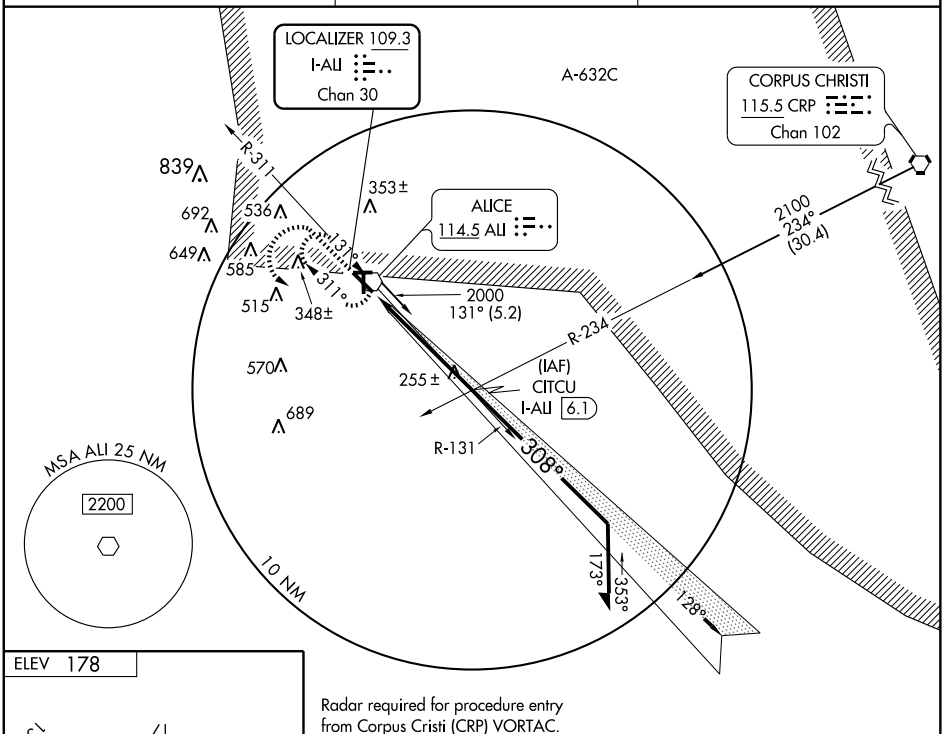
LOC/DME RWY 31
ALICE INTL (ALI)

If local altimeter setting not received, use Nueces County altimeter setting and increase all MDAs 20 feet. NA VDP NA when using Nueces County altimeter setting.

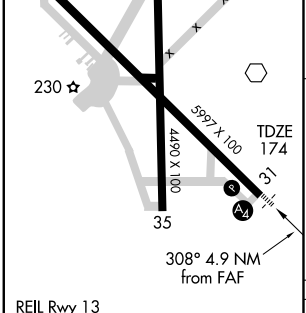
MALS

MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 direct ALI VOR and hold.

ASOS	KINGSVILLE APP CON ★	UNICOM
119.225	119.9 290.45	123.0 (CTAF) L

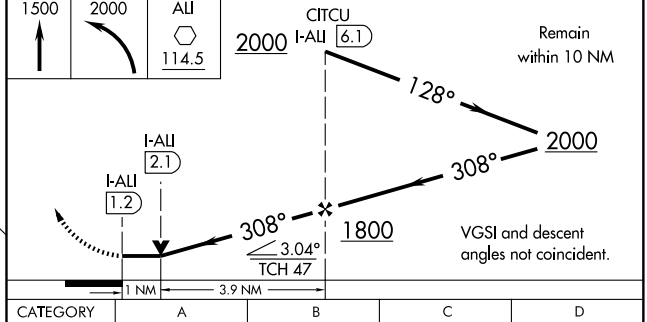


Radar required for procedure entry from Corpus Cristi (CRP) VORTAC.



REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-31	520-¾ 346 (400-¾)			520-1¼ 346 (400-1¼)
CIRCLING	600-1 422 (500-1)	640-1 462 (500-1)	640-1½ 462 (500-1½)	740-2 562 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

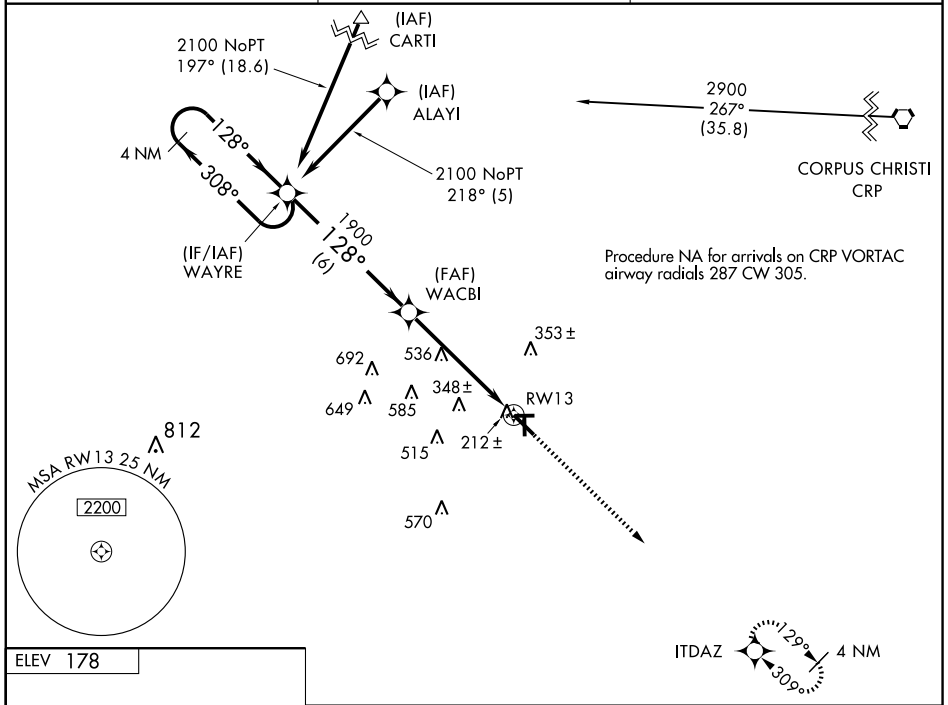
APP CRS	Rwy Idg	5997
128°	TDZE	178
	Apt Elev	178

RNAV (GPS) RWY 13
ALICE INTL (ALI)

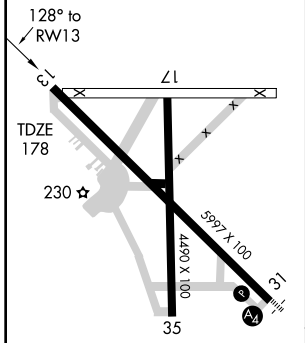
If local altimeter setting not received, use Nueces County altimeter setting and increase all DA and MDA 20 feet. DME/DME RNP-0.3 NA. BARO VNAV NA below -15°C (5°F).

MISSED APPROACH: Climb to 2600 direct ITDAZ and hold.

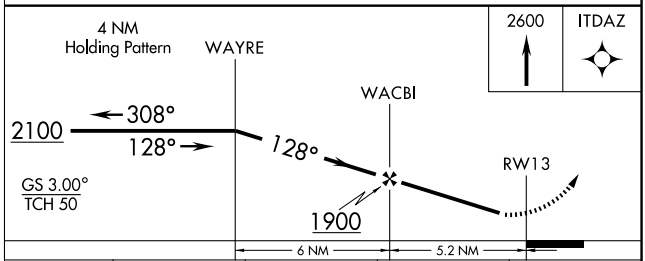
ASOS	KINGSVILLE APP CON ★	UNICOM
119.225	119.9 290.45	123.0 (CTAF) L



ELEV 178



REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L



CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	480-1 302 (400-1)			
LNAV MDA	800-1 622 (700-1)		800-1¾ 622 (700-1¾)	800-2 622 (700-2)
CIRCLING	800-1 622 (700-1)		800-1¾ 622 (700-1¾)	800-2 622 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5997
Chan 81813	309°	TDZE	174
W31A		Apt Elev	178

RNAV (GPS) RWY 31
ALICE INTL (ALI)

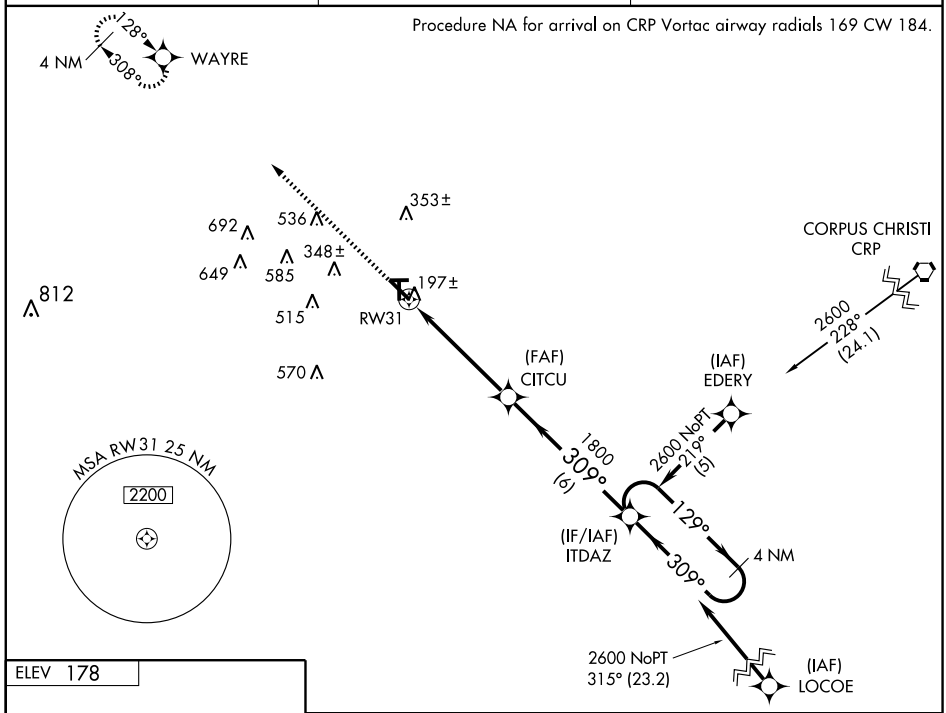
If local altimeter setting not received, use Nueces County altimeter setting and increase all DA and MDA 20 feet. BARO VNAV NA below -15°C (5°F).
DME/DME RNP-0.3 NA. For inoperative MALS increase LPV all Cats visibility to 1.

MALS

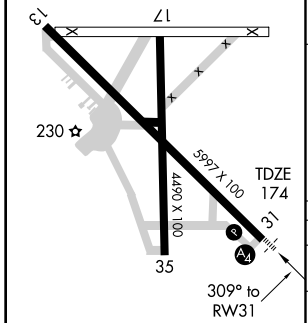
MISSED APPROACH: Climb to 2100 direct WAYRE and hold.

ASOS	KINGSVILLE APP CON ★	UNICOM
119.225	119.9 290.45	123.0 (CTAF) L

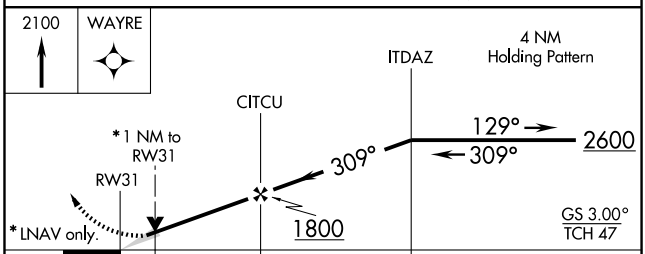
Procedure NA for arrival on CRP Vortac airway radials 169 CW 184.



ELEV 178



REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L



CATEGORY	A	B	C	D
LPV DA	430-¾ 256 (300-¾)			430-1 256 (300-1)
LNAV/ VNAV DA	460-¾ 286 (300-¾)			460-1 286 (300-1)
LNAV MDA	520-¾ 346 (400-¾)			520-1¼ 346 (400-1¼)
CIRCLING	600-1 422 (500-1)	640-1 462 (500-1)	640-1½ 462 (500-1½)	740-2 562 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

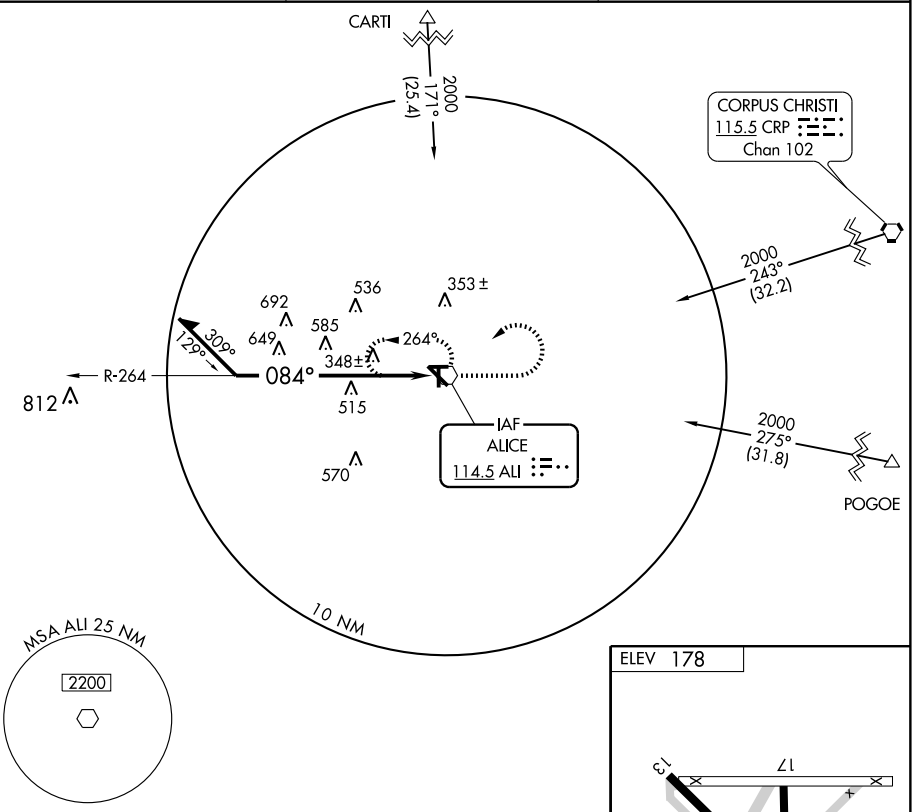
VOR ALI 114.5	APP CRS 084°	Rwy Idg N/A TDZE N/A Apt Elev 178

VOR-A
ALICE INTL (ALI)

If local altimeter setting not received, use Nueces County altimeter setting and increase all MDA 20 feet.

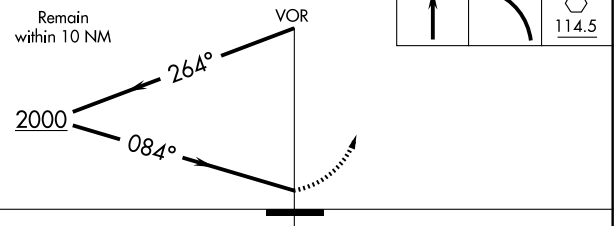
MISSED APPROACH: Climb to 1500, then climbing left turn to 2000 direct ALI VOR and hold.

ASOS	KINGSVILLE APP CON ★	UNICOM
119.225	119.9 290.45	123.0 (CTAF) L





REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L



CATEGORY	A	B	C	D
CIRCLING	1060-1¼ 882 (900-1¼)		1060-2¾ 882 (900-2¾)	1060-3 882 (900-3)

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR ALI	APP CRS	Rwy Idg	5997
114.5	325°	TDZE	174
		Apt Elev	178

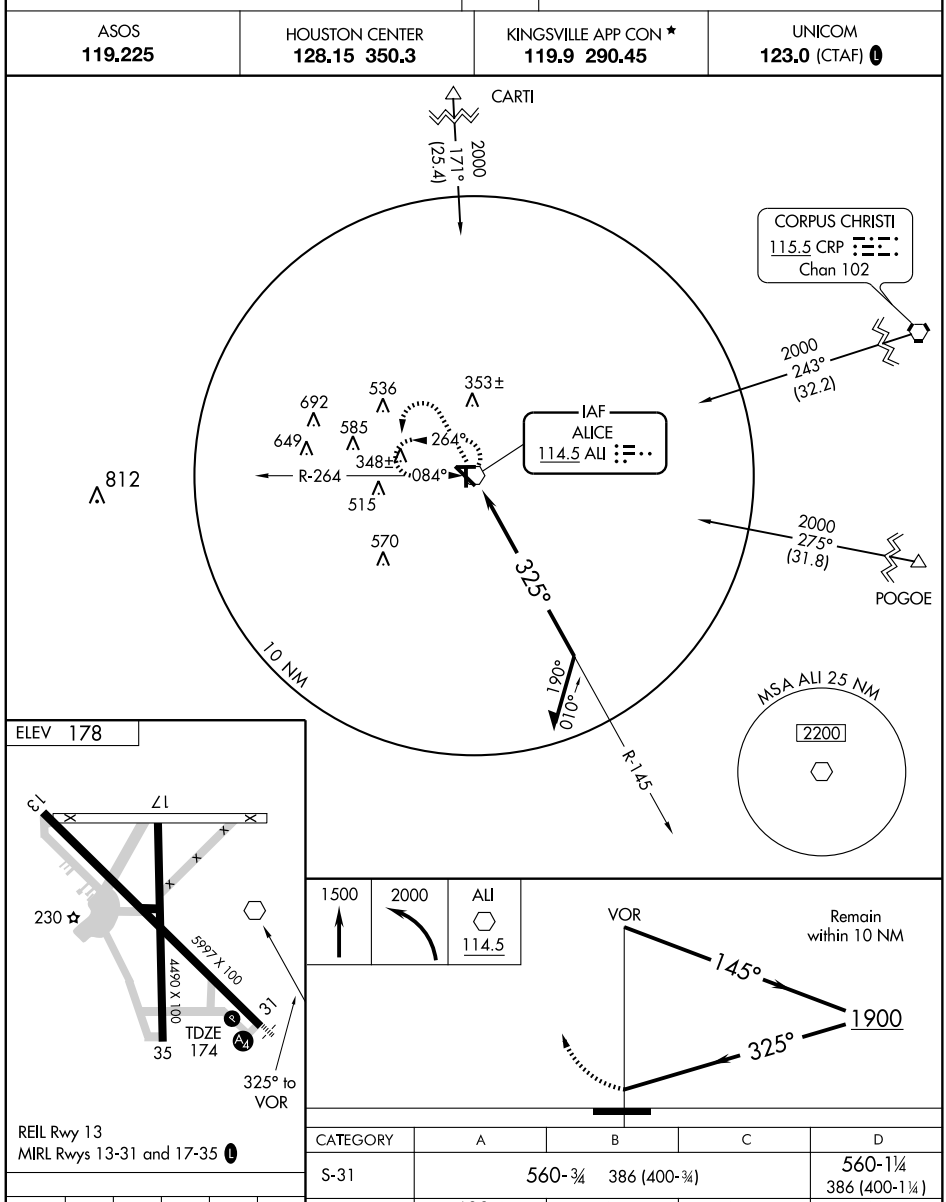
VOR RWY 31
ALICE INTL (ALI)

If local altimeter setting not received, use Nueces County altimeter setting and increase all MDA 20 feet.

MALS

MISSED APPROACH: Climb to 1500, then climbing left turn to 2000 direct ALI VOR and hold.

ASOS	HOUSTON CENTER	KINGSVILLE APP CON ★	UNICOM
119.225	128.15 350.3	119.9 290.45	123.0 (CTAF) L



REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L

Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
S-31	560-¾ 386 (400-¾)			560-1¼ 386 (400-1¼)
CIRCLING	600-1 422 (500-1)	640-1 462 (500-1)	640-1½ 462 (500-1½)	740-2 562 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6003
194°	TDZE	4480
	Apt Elev	4513

GPS RWY 19

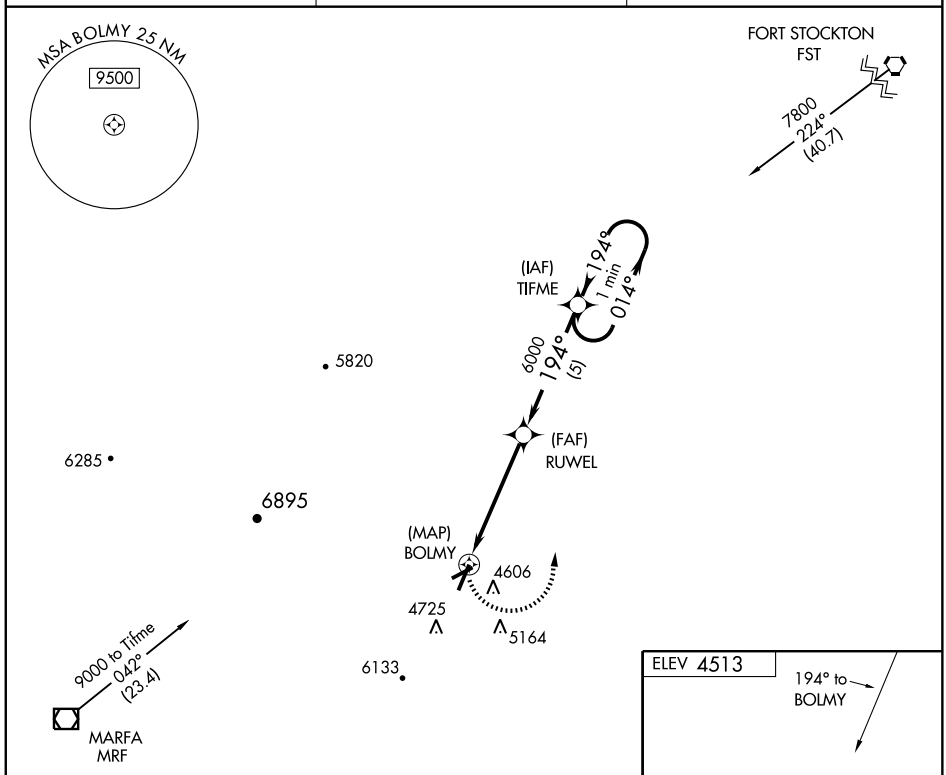
ALPINE-CASPARIS MUNI (E38)

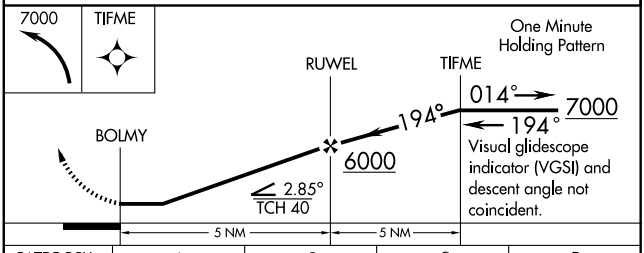
Circling not authorized west of runway 1-19.

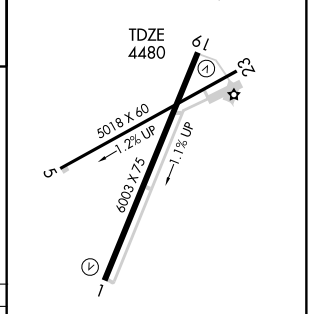
NA

MISSED APPROACH: Immediate climbing left turn to 7000 direct TIFME WP and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
119.025	135.875 292.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-19	5100-1 620 (600-1)		5100-1¾ 620 (600-1¾)	NA
CIRCLING	5100-1 587 (600-1)	5120-1 607 (700-1)	5280 2¼ 767 (800-2¼)	NA

MIRL Rwys 1-19 and 5-23 L

SC-3, 17 DEC 2009 to 14 JAN 2010

ALPINE, TEXAS

AL-6295 (FAA)

NBD BWR	APP CRS	Rwy Idg	6003
412	194°	TDZE	4480
		Apt Elev	4513

NDB RWY 19

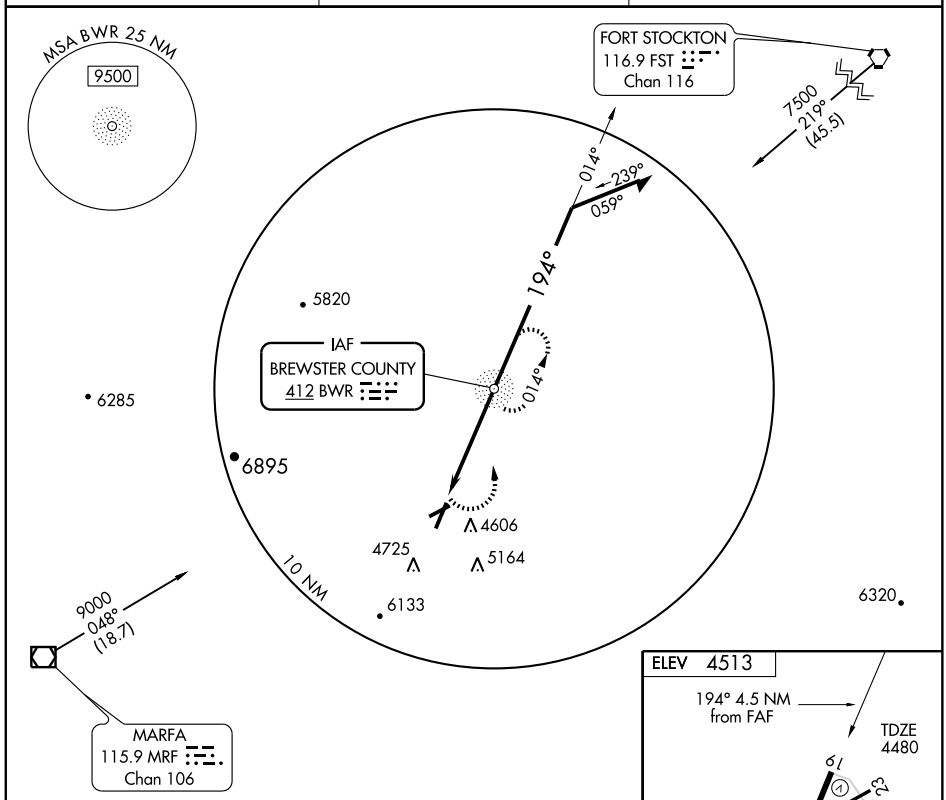
ALPINE-CASPARIS MUNI (E38)

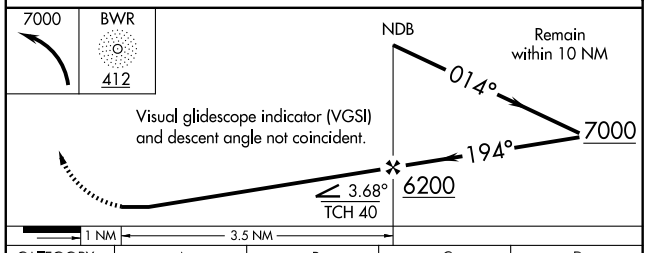
Circling not authorized west of runway 1-19.

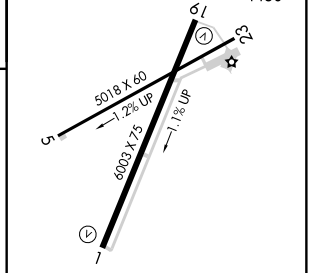
NA

MISSED APPROACH: Immediate climbing left turn to 7000 direct BWR NDB and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
119.025	135.875 292.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-19	5100-1¼ 620 (600-1¼)		5100-1¾ 620 (600-1¾)	NA
CIRCLING	5100-1¼ 587 (600-1¼)	5120-1¼ 607 (700-1¼)	5280-2¼ 767 (800-2¼)	NA

MIRL Rwys 1-19 and 5-23 L

FAF to MAP 3.5 NM

Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

SC-3, 17 DEC 2009 to 14 JAN 2010

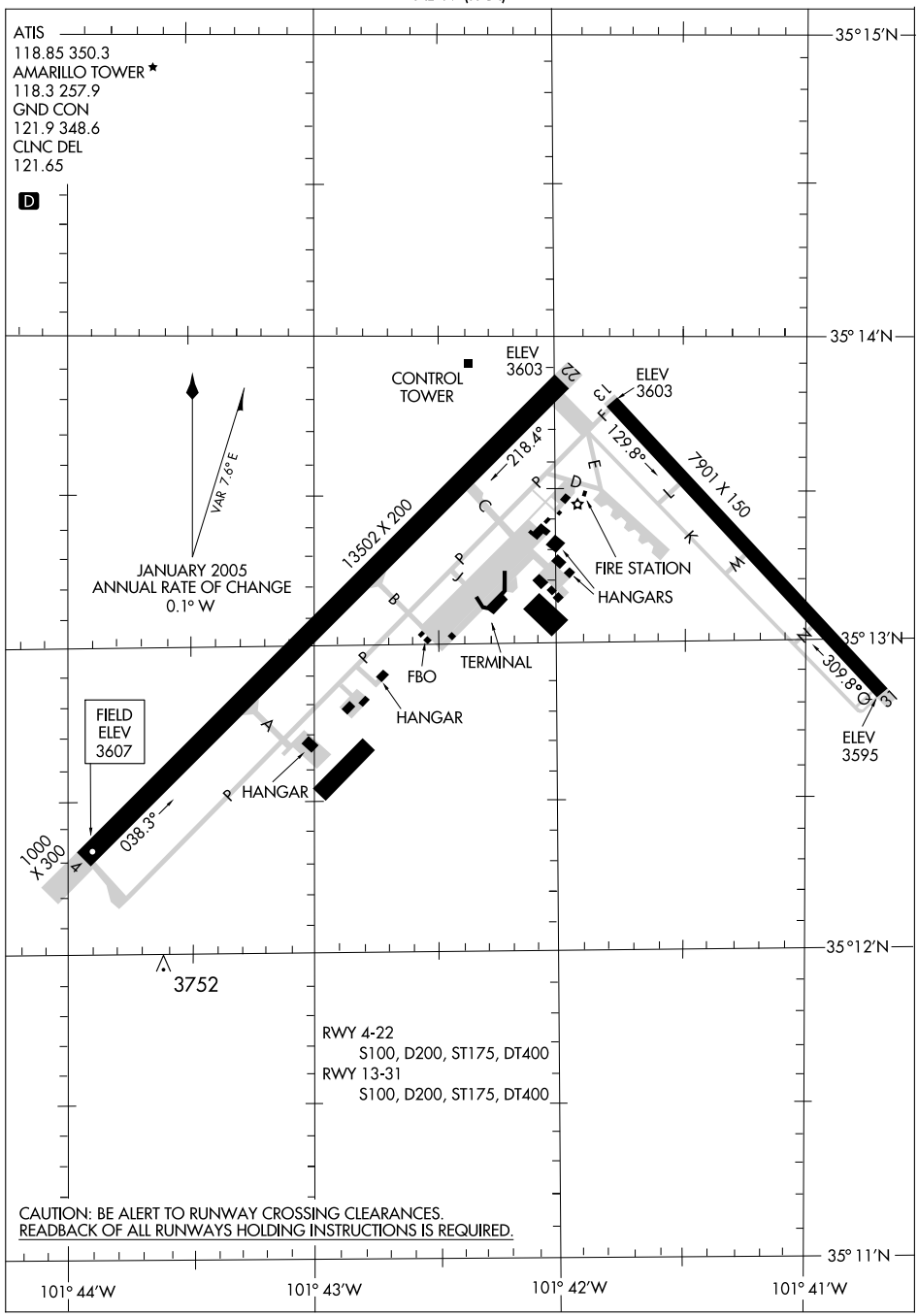
09183

AIRPORT DIAGRAM

AMARILLO/RICK HUSBAND AMARILLO INTL (AMA)

AL-19 (FAA)

AMARILLO, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

AMARILLO, TEXAS

HI-VOR/DME or TACAN RWY 4

VOR/DME PNH	APCH CRS	Rwy ldg 13,502
116.6	037°	TDZE 3607
Chan 113		Arpt Elev 3607

JAL-19 [USAF] RICK HUSBAND AMARILLO INTL (KAMA)

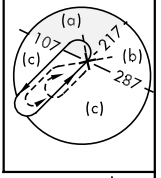
▼ * For inop ALS, increase CAT D vis to 1¼ miles, CAT E vis to 1½ miles.

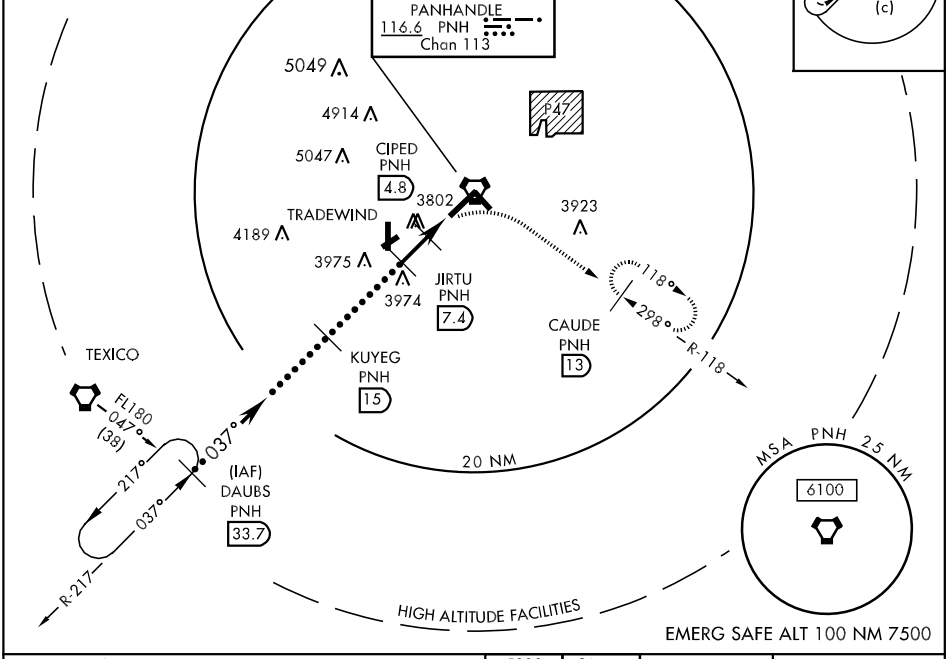
MALSR

MISSED APPROACH: Climbing right turn to 5000 via heading 090° and PNH VORTAC R-118 to CAUDE INT/PNH 13 DME and hold.

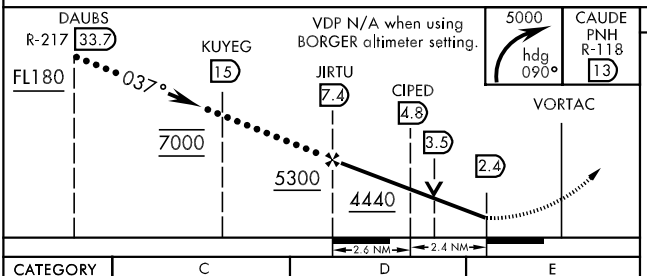
ATIS	AMARILLO APP CON	AMARILLO TOWER★	GND CON	CLNC DEL	ASR
118.85 350.3	119.5 307.0 (161°- 339°) 124.8 319.15 (340°- 160°)	118.3 L 257.9	121.9 348.6	121.65	

† When local altimeter setting is not available use BORGER altimeter setting and increase all MDAs 160 feet; increase CAT C RVR to 50, CAT D RVR to 60, CAT E vis to 1½. Circling CAT C vis to 1¾, CAT D vis to 2½.





EMERG SAFE ALT 100 NM 7500

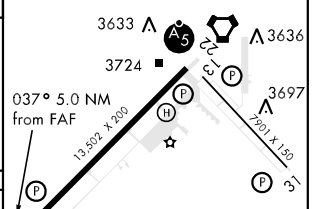


VDP N/A when using BORGER altimeter setting.

5000 hdg 090°

CAUDE PNH R-118 13

ELEV 3607



HIRL Rwy 4-22 and 13-31
REIL Rwy 13 L, 31

CATEGORY	C	D	E
S-4 * †	4020/40 413 (500-¾)	4020/50 413 (500-1)	
CIRCLING †	4080-1½ 473 (500-1½)	4240-2 633 (700-2)	4460-3 853 (900-3)
S-ASR-4	4160/50 555 (600-1)	4160/60 555 (600-1¼)	4160-1½ 555 (600-1½)

AMARILLO, TEXAS 35°13'N-101°42'W RICK HUSBAND AMARILLO INTL (KAMA)

Amdt 1 08241

SC-2, 17 DEC 2009 to 14 JAN 2010

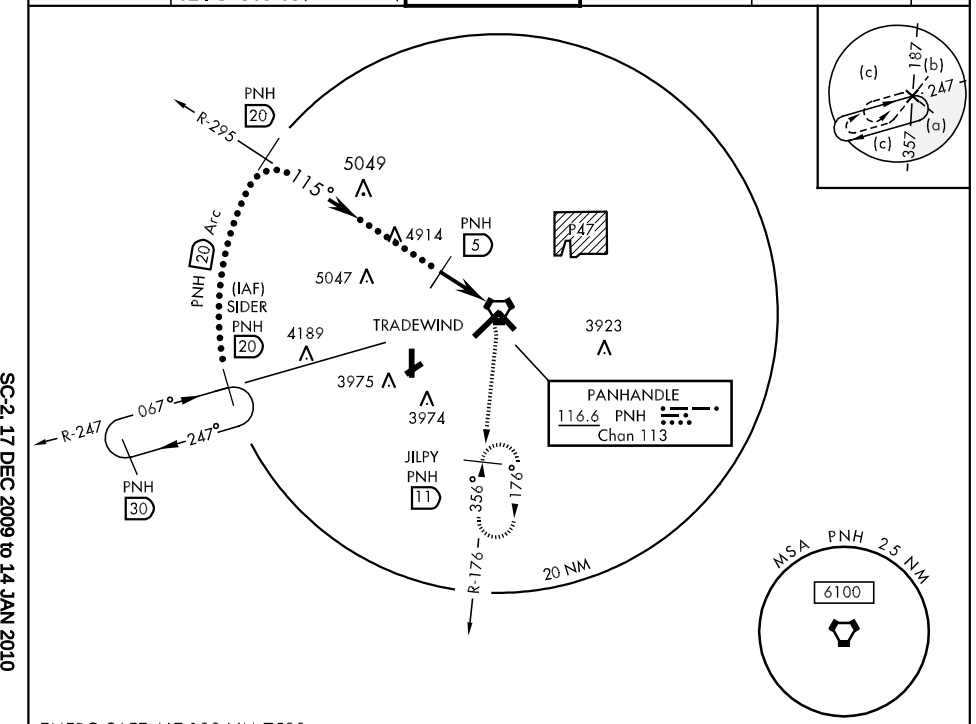
VOR/DME PNH	APCH CRS	Rwy ldg	7901
116.6	115°	TDZE	3600
Chan 113		Arpt Elev	3607

HI-VOR/DME or TACAN RWY 13

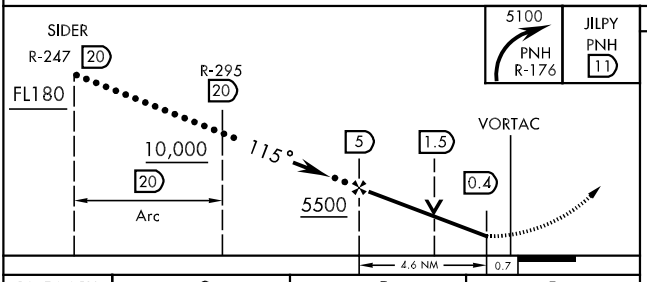
JAL-19 [USAF] RICK HUSBAND AMARILLO INTL (KAMA)

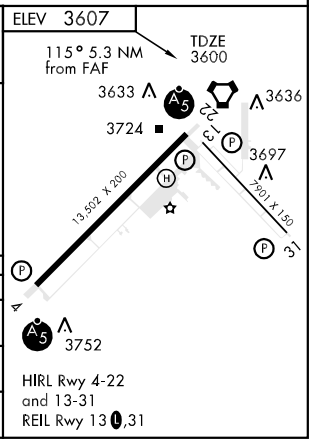
MISSED APPROACH: Climbing right turn to 5100 via PNH R-176 to JILPY/11 DME and hold.

ATIS	AMARILLO APP CON	AMARILLO TOWER★	GND CON	CLNC DEL	ASR
118.85 350.3	119.5 307.0 (161°- 339°) 124.8 319.15 (340°- 160°)	118.3 L 257.9	121.9 348.6	121.65	



EMERG SAFE ALT 100 NM 7500





CATEGORY	C	D	E
S-13	3980-1 380 (400-1)	3980-1¼ 380 (400-1¼)	
CIRCLING	4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)
S-ASR-13	3980-1 380 (400-1)	3980-1¼ 380 (400-1¼)	NA

HIRL Rwy 4-22 and 13-31
REIL Rwy 13 L,31

HI-VOR/DME or TACAN RWY 22

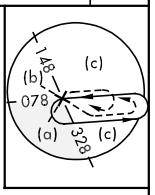
VOR/DME PNH 116.6 Chan 113	APCH CRS 235°	Rwy ldg 13,502 TDZE 3603 Arpt Elev 3607

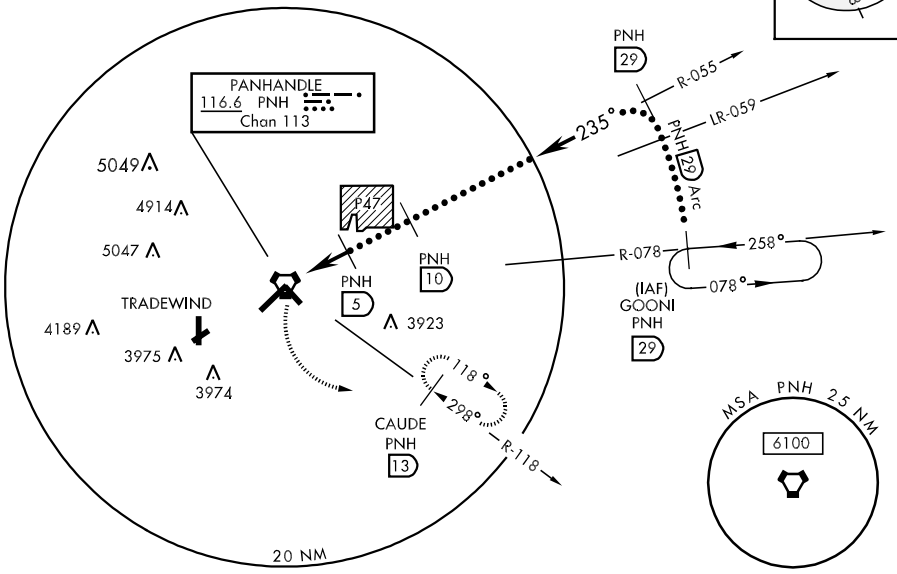
JAL-19 [USAF] RICK HUSBAND AMARILLO INTL (KAMA)

MALSR

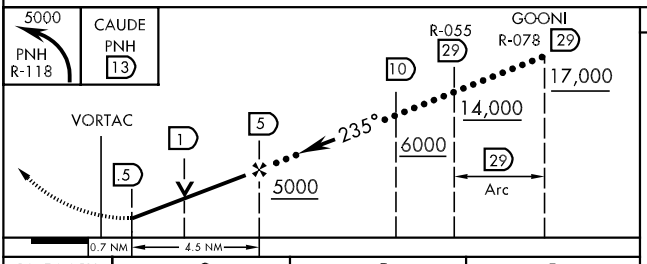
MISSED APPRAOCH: Climbing left turn to 5000 via PNH R-118 to CAUDE INT/PNH 13 DME and hold.

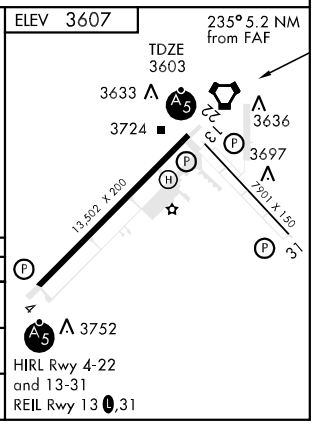
ATIS	AMARILLO APP CON	AMARILLO TOWER★	GND CON	CLNC DEL	ASR
118.85 350.3	119.5 307.0 (161°- 339°) 124.8 319.15 (340°- 160°)	118.3 L 257.9	121.9 348.6	121.65	





EMERG SAFE ALT 100 NM 7500





CATEGORY	C	D	E
S-22	3960-½ 357 (400-½)	3960-1 357 (400-1)	
CIRCLING	4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)
S-ASR-22	3960- ¾ 357 (400-¾)	3960-1¼ 357 (400-1¼)	

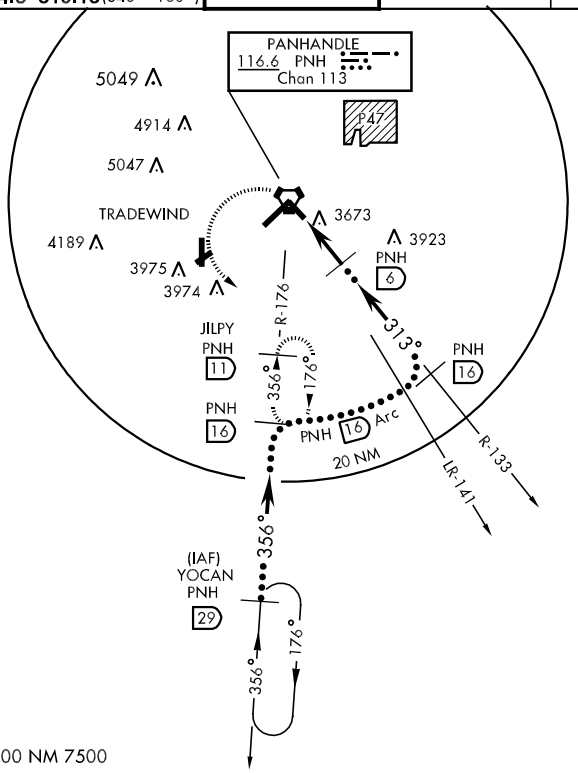
HI-VOR/DME or TACAN RWY 31

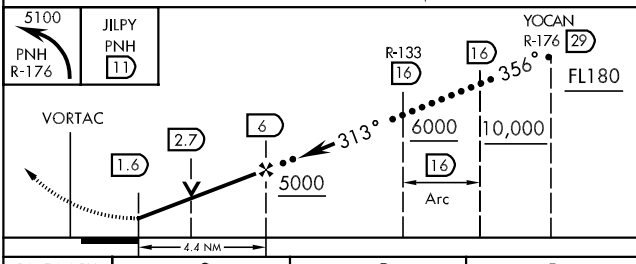
VOR/DME PNH 116.6 Chan 113	APCH CRS 313°	Rwy ldg 7901 TDZE 3598 Arpt Elev 3607

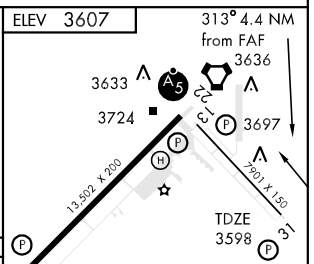
JAL-19 [USAF] RICK HUSBAND AMARILLO INTL (KAMA)

MISSED APPROACH: Climbing left turn to 5100 via PNH R-176 to JILPY/PNH 11 DME and hold.

ATIS	AMARILLO APP CON	AMARILLO TOWER★	GND CON	CLNC DEL	ASR
118.85 350.3	119.5 307.0 (161°- 339°) 124.8 319.15 (340°- 160°)	118.3 257.9	121.9 348.6	121.65	







CATEGORY	C	D	E
S-31	3960-1 362 (400-1)	3960-1¼ 362 (400-1¼)	
CIRCLING	4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)
S-ASR-31	3960-1 362 (400-1)	3960-1¼ 362 (400-1¼)	NA

HIRL Rwy 4-22 and 13-31
REIL Rwys 13, 31

LOC I-AMA	APP CRS	Rwy Idg	13502
110.3	038°	TDZE	3605
		Apt Elev	3605

ILS RWY 4

AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

ASR

MALSR

MISSED APPROACH: Climb to 4100, then climbing right turn to 5000 via PNH R-118 to CAUDE INT/13 DME and hold.

ATIS	AMARILLO APP CON★	AMARILLO TOWER★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 (L) (CTAF) 257.9	121.9 348.6	121.65

ADF or DME REQUIRED

PANHANDLE 116.6 PNH Chan 113

P-47

BGD 108.6 Chan 23

4932 4914 5047 4144 3880 4098 3743

5300 to LOM 217° (7.5)

(IAF) R-261 (IAF) R-078

Tradewind

5500 NoPT PNH 14 Arc

5500 082° (14)

LR-226 5300 038° (6.4) LR-209

LOCALIZER 110.3 I-AMA

R-118 R-176

SIDER

LOM/IAF PANDE 251 AM PNH 7.4

CAUDE PNH 13 118° 298°

218° 353° 173°

5300 NoPT PNH 14 Arc

5500 284° (31) DOGIN

MSA AM 25 NM 190° 6100 060° 5300

10 NM 5500 344° (23.9) YOCAN

Remain within 10 NM

LOM* PNH 7.4 218° 5272 5300 038° GS 3.00° TCH 44 5300

4100	5000	CAUDE
	PNH R-118	PNH 13

* Procedure turn not authorized for Cat. E.

5.0 NM

ELEV 3605 D

3633 3636 3724 3697 3768 3752 TDZE 3605

13,502 × 200 7,001 × 150

038° 5 NM from FAF

REIL Rwy 13 (L)
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

CATEGORY	A	B	C	D	E
S-ILS-4	3805/24 200 (200-½)				
S-LOC-4	4000/24 395 (400-½)			4000/40 395 (400-¾)	4000/50 395 (400-1)
CIRCLING	4080-1 475 (500-1)		4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-RIQ	APP CRS	Rwy Idg 13502
111.1	214°	TDZE 3603
Chan 48		Apt Elev 3605

LDA/DME RWY 22

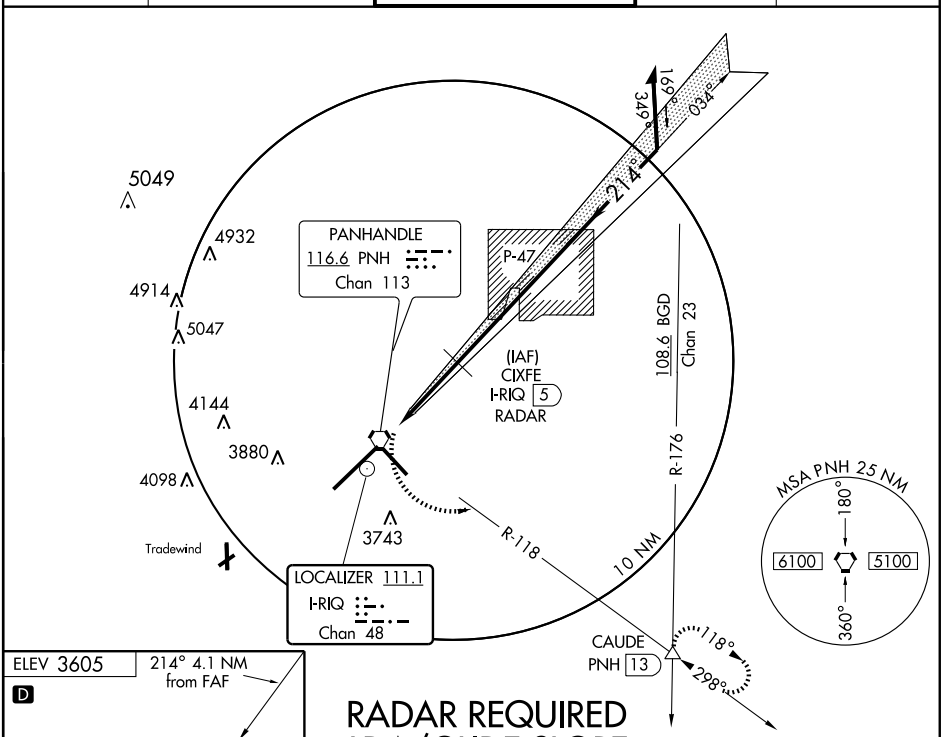
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

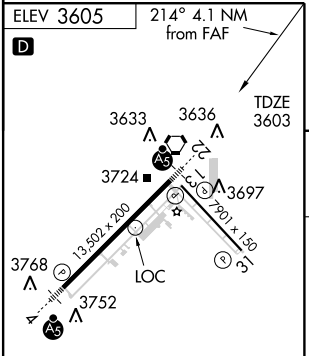
Final approach course offset 4.45 degrees intersects the runway centerline 2509' from Rwy 22. For inoperative MALSR, increase S-LDA 22 Cat D and E visibilities to 1,S-LDA/GS22 to ¾ all Cats.

MALSR

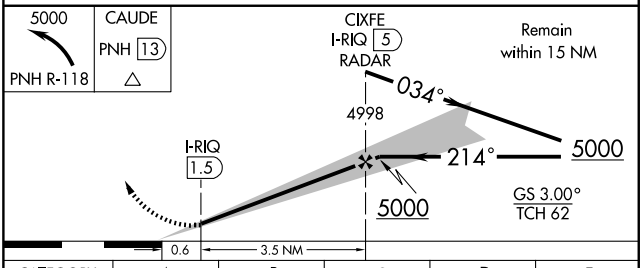
MISSED APPROACH: Climbing left turn to 5000 via PNH VORTAC R-118 to CAUDE Int and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65





RADAR REQUIRED
LDA/GLIDE SLOPE



CATEGORY	A	B	C	D	E
LDA/GS-22	3853-½ 250 (300-½)				
LDA-22	3900-½ 297 (300-½)			3900-¾ 297 (300-¾)	
CIRCLING	4080-1 475 (500-1)		4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)

REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

LOM AM	APP CRS	Rwy Idg	13502
251	038°	TDZE	3605
		Apt Elev	3605

NDB RWY 4

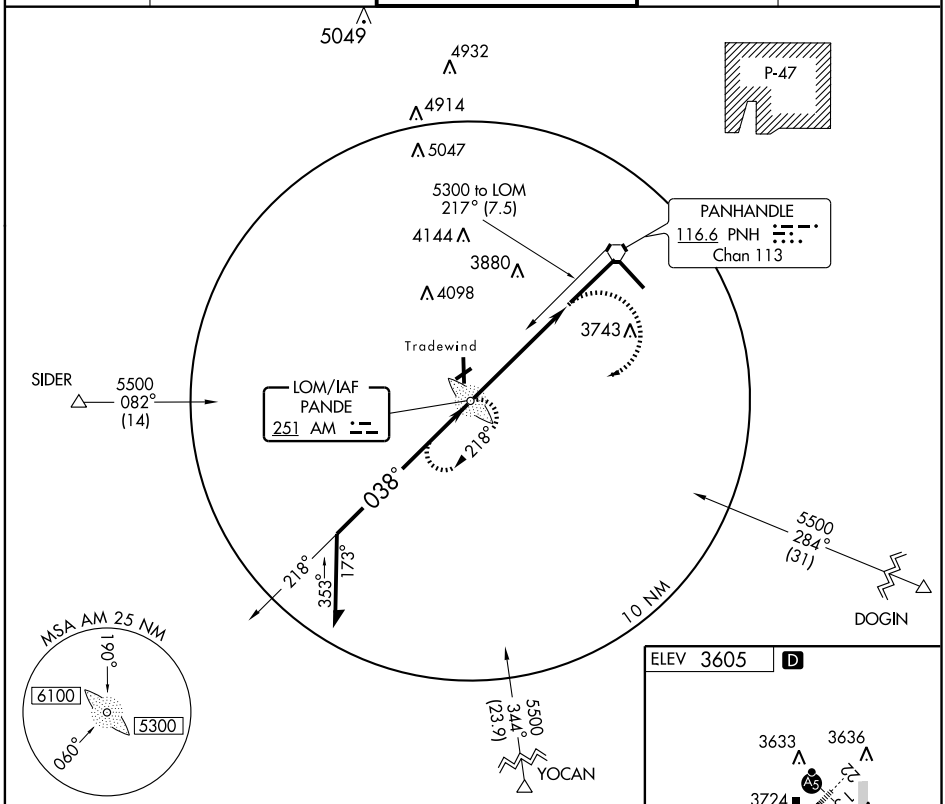
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

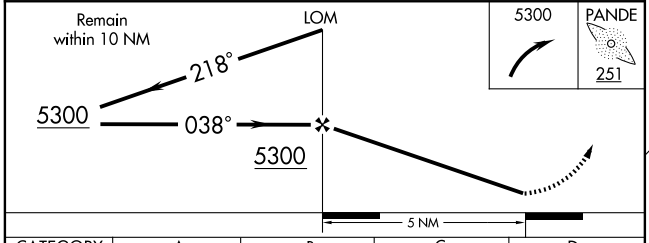
ASR

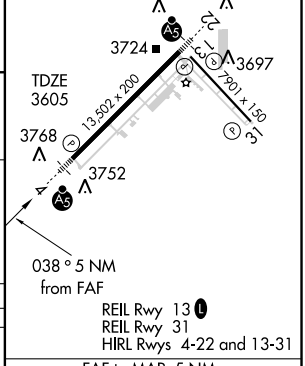
MALSR

MISSED APPROACH: Climbing right turn to 5300 direct PANDE LOM and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D
S-4	4220/40	615 (700-¾)	4220/60 615 (700-1¼)	4220-1¾ 615 (700-1¾)
CIRCLING	4220-1	615 (700-1)	4220-1¾ 615 (700-1¾)	4240-2 635 (700-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	13,502
038°	TDZE	3607
	Apt Elev	3607

RNAV (GPS) RWY 4

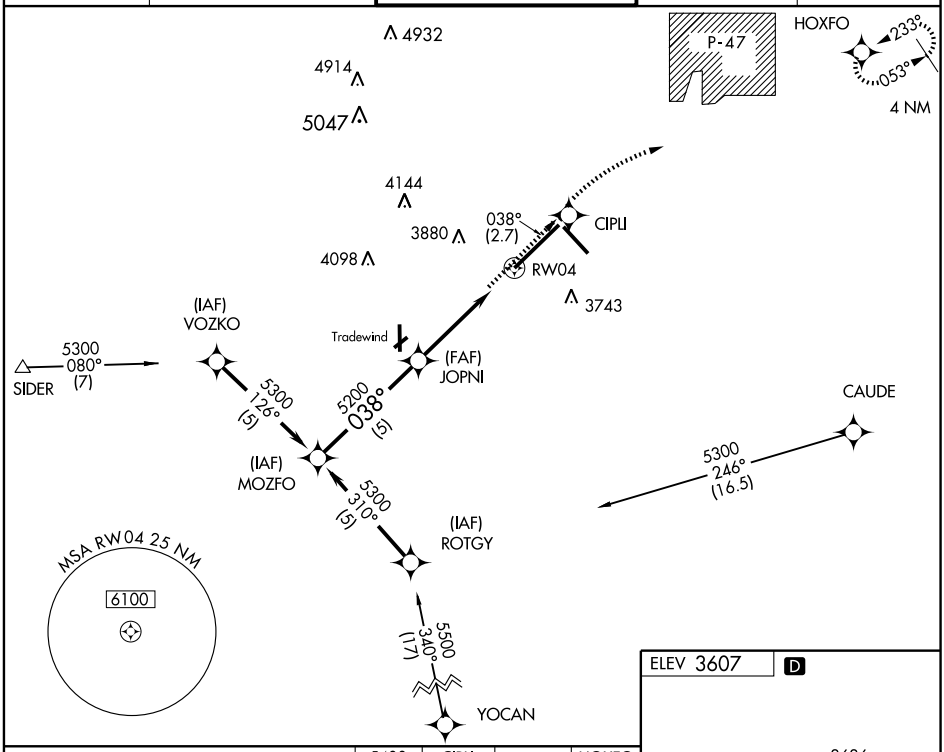
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

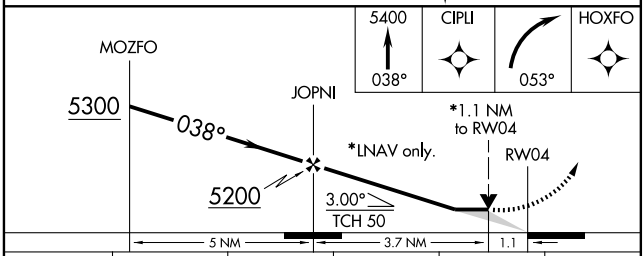
NA ASR — GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. Baro-VNAV NA below -22°C (-7°F). For inoperative MALSR increase LNAV Cat D visibility to 6000 RVR.

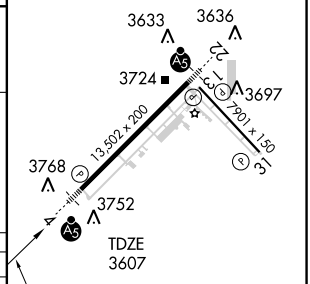
MALSR

MISSED APPROACH: Climb to 5400 via course 038° to CIPLI then right turn via course 053° to HOXFO and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/ VNAV DA	4020/50 413 (500-1)				
LNAV MDA	4020/24 413 (500-½)		4020/40 413 (500-¾)	4020/50 413 (500-1)	
CIRCLING	4080-1½ 473 (500-1½)			4240-2 633 (700-2)	4460-3 853 (900-3)

HIRL Rwys 4-22 and 13-31
REIL Rwy 13 L
REIL Rwy 31

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7901
129°	TDZE	3602
	Apt Elev	3607

RNAV (GPS) RWY 13

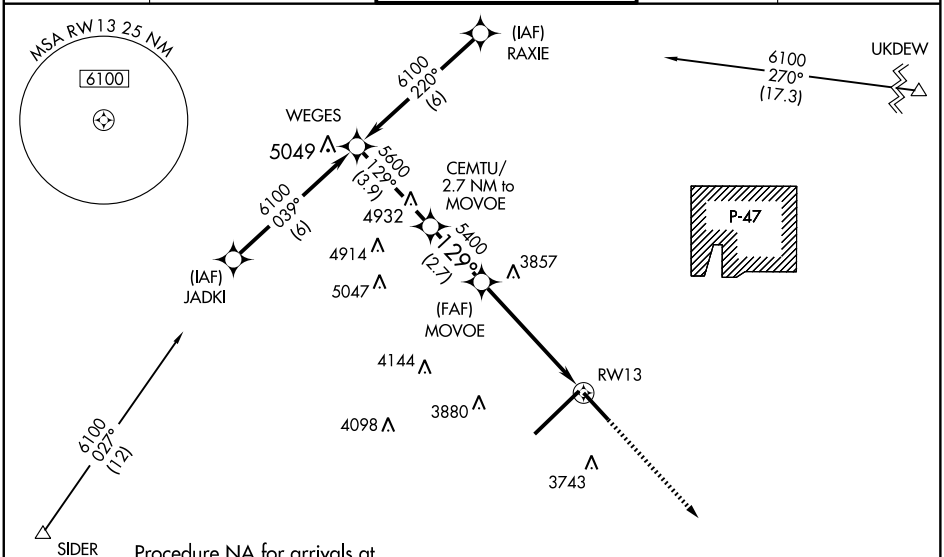
AMARILLO/RICK HUSBAND AMARILLO INTL (AMA)

NA
ASR

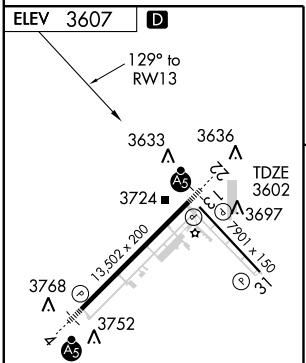
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 6000 direct CEVEX and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65

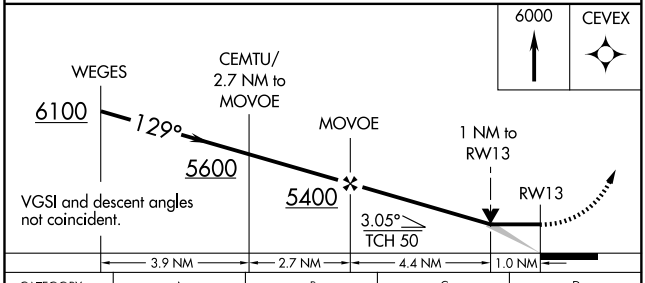


Procedure NA for arrivals at SIDER Int on V-402 southwest bound and at UKDEW Int on V-12-280 northeast bound.



REIL Rwy13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31





CATEGORY	A	B	C	D
LNAV MDA	3980-1 378 (400-1)			3980-1¼ 378 (400-1¼)
CIRCLING	4080-1 473 (500-1)		4080-1½ 473 (500-1½)	4240-2 633 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	13,502
233°	TDZE	3606
	Apt Elev	3607

RNAV (GPS) RWY 22

AMARILLO/RICK HUSBAND AMARILLO INTL (AMA)

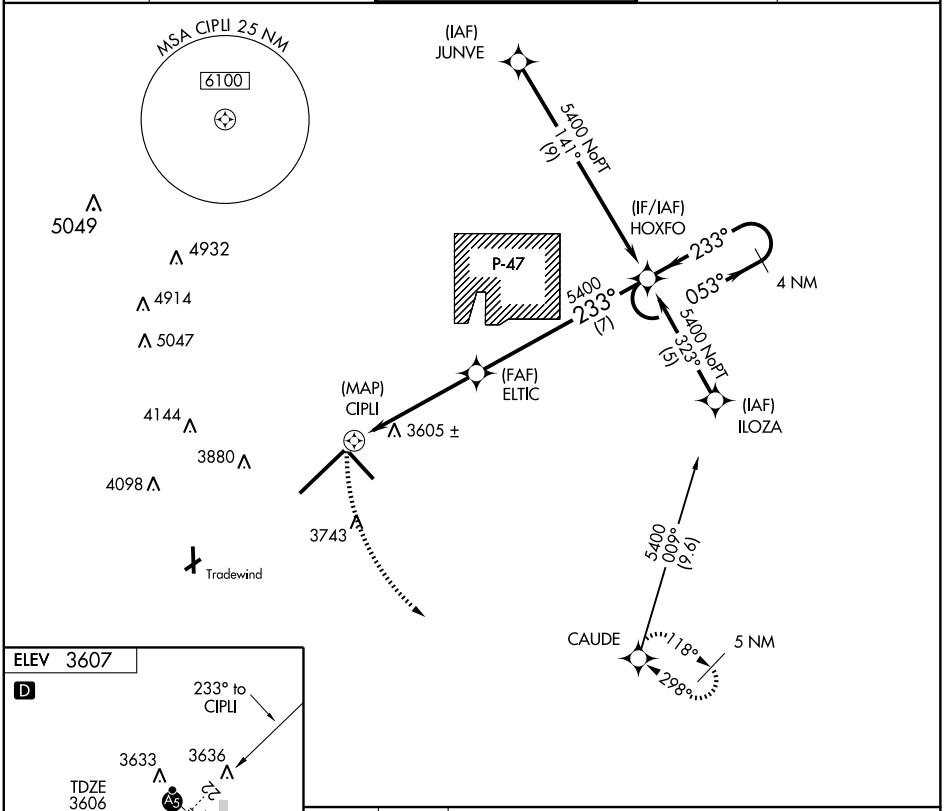
NA
ASR

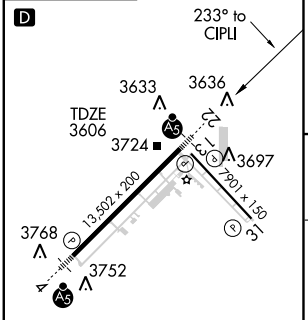
Inoperative table does not apply to Cat D and E. DME/DME RNP-0.3 NA.

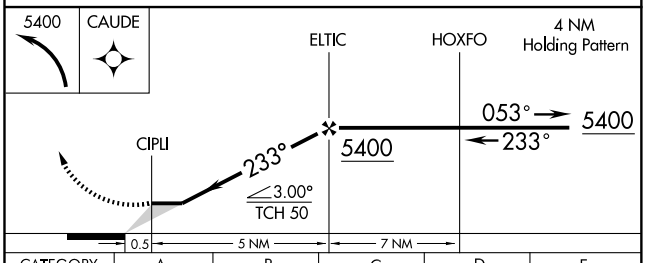
MALSR

MISSED APPROACH: Climbing left turn to 5400 direct CAUDE and hold

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D	E
LNAV MDA	3960-½	354 (400-½)		3960-1	354 (400-1)
CIRCLING	4080-1	473 (500-1)	4080-1½ 473 (500-1½)	4240-2 633 (700-2)	4460-3 853 (900-3)

HIRL Rwys 4-22 and 13-31
REIL Rwy 13 L
REIL Rwy 31

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7901
310°	TDZE	3600
	Apt Elev	3607

RNAV (GPS) RWY 31

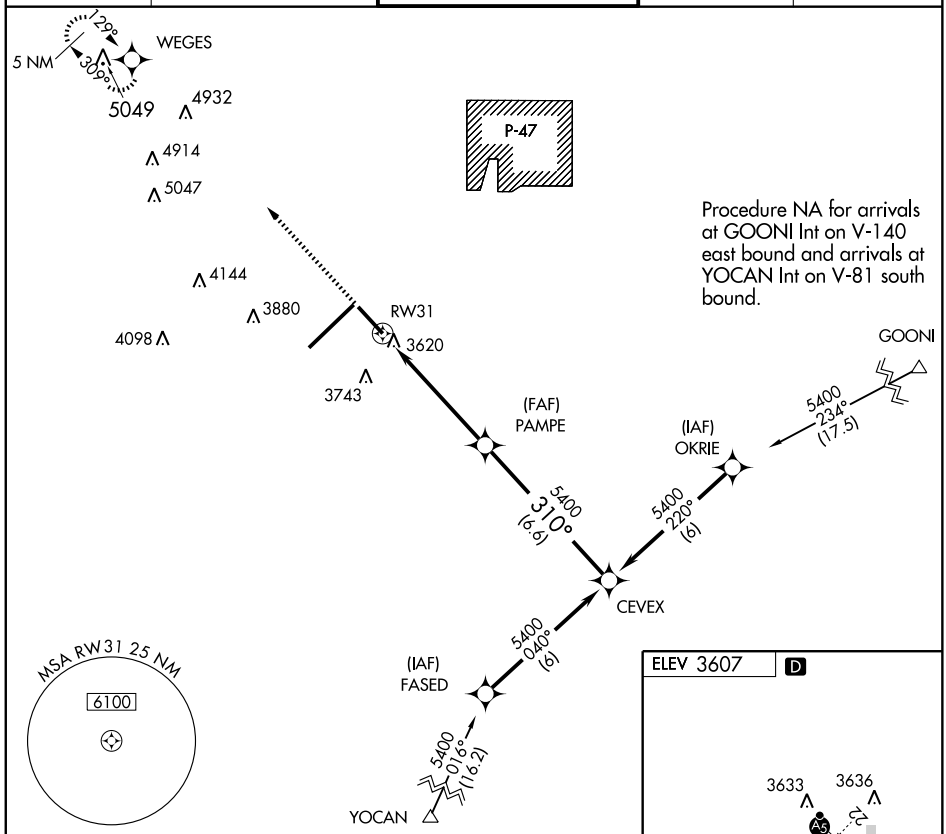
AMARILLO/RICK HUSBAND AMARILLO INTL (AMA)

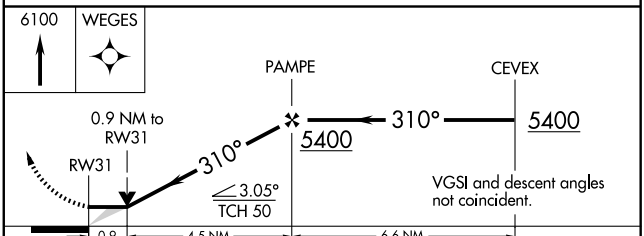
NA
ASR

GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 6100 direct WEGES and hold.

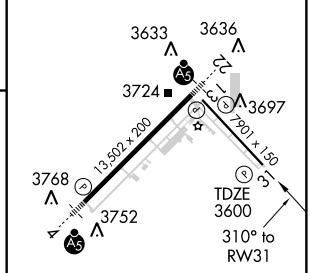
ATIS	AMARILLO APP CON★	AMARILLO TOWER★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65





CATEGORY	A	B	C	D
LNAV MDA	3940-1 340 (400-1)			
CIRCLING	4080-1 473 (500-1)		4080-1½ 473 (500-1½)	4240-2 633 (700-2)

ELEV 3607 D



REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC PNH	APP CRS	Rwy Idg	N/A
116.6	214°	TDZE	N/A
Chan 113		Apt Elev	3605

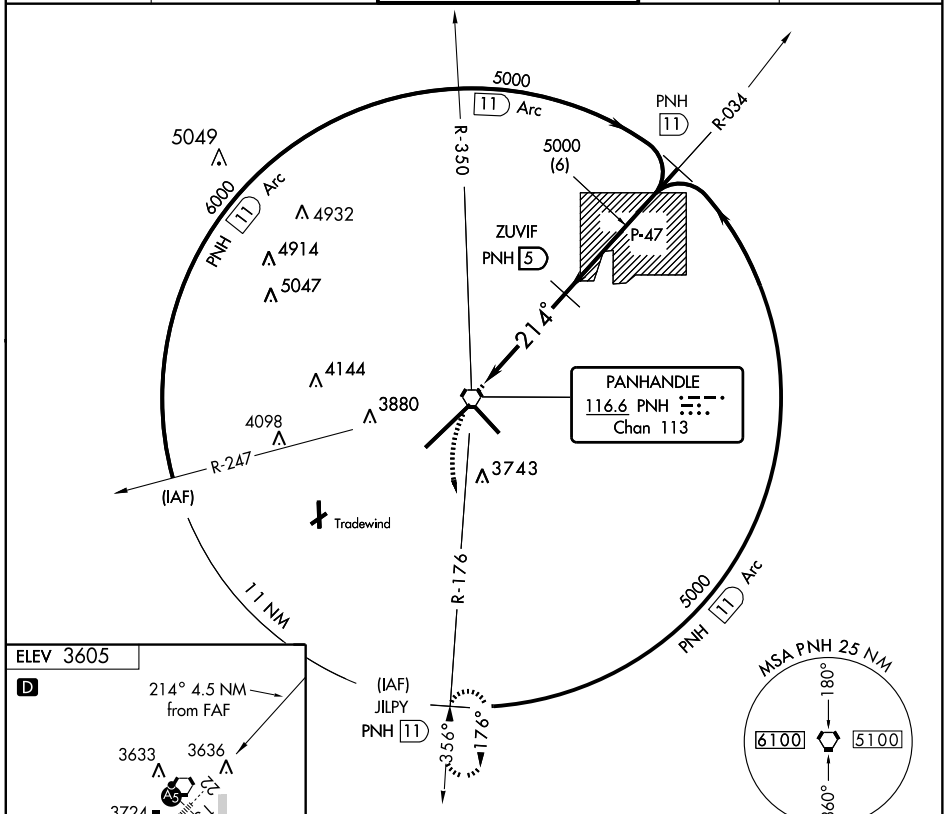
VOR/DME-A

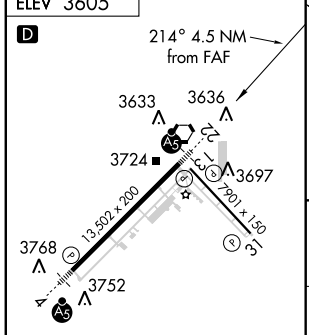
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

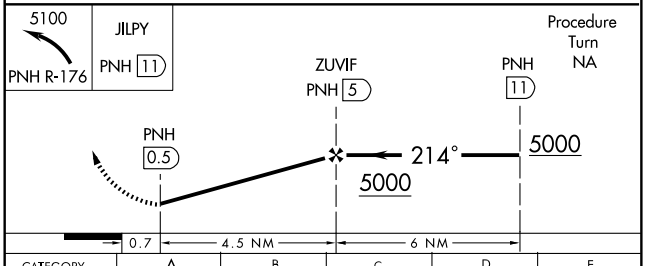
T
A
ASR

MISSED APPROACH: Climbing left turn to 5100 via PNH-176 to JILPY/11 DME and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

CATEGORY	A	B	C	D	E
CIRCLING	4080-1	473 (500-1)	4080-1½ 473 (500-1½)	4240-2 633 (700-2)	4460-3 853 (900-3)

SC-2, 17 DEC 2009 to 14 JAN 2010

AMARILLO,TEXAS

VORTAC PNH	APP CRS	Rwy Idg	7901
116.6	115°	TDZE	3600
Chan 113		Apt Elev	3605

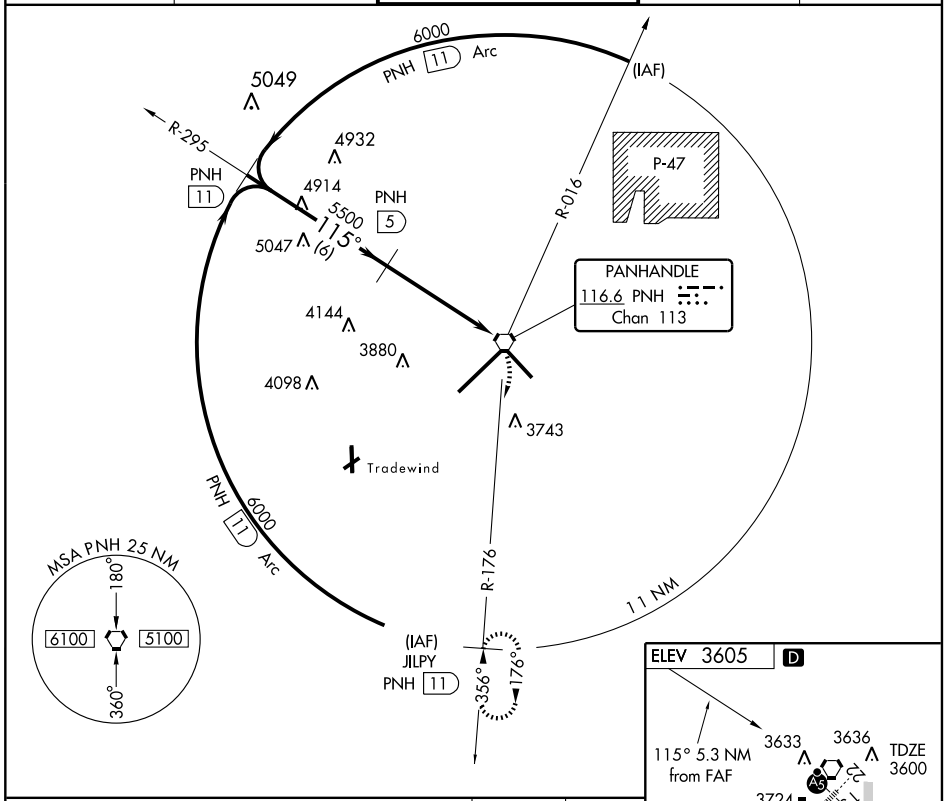
VOR/DME RWY 13

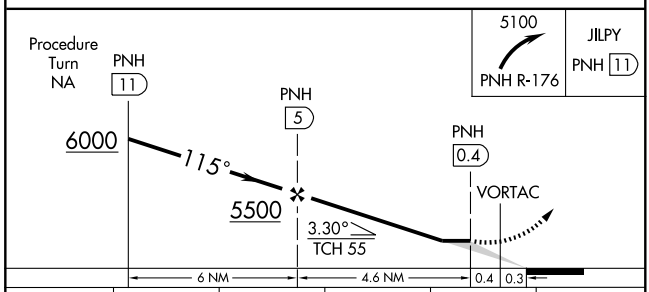
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

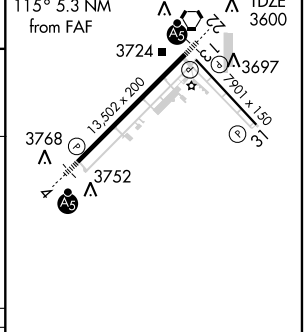
T
A
ASR

MISSED APPROACH: Climbing right turn to 5100 via PNH R-176 to JILPY/11 DME and hold.

ATIS	AMARILLO APP CON★	AMARILLO TOWER★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D	E
S-13	3980-1 380 (400-1)			3980-1¼ 380 (400-1¼)	
CIRCLING	4080-1 475 (500-1)		4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)

REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC PNH 116.6 Chan 113	APP CRS 235°	Rwy Idg 13502 TDZE 3603 Apt Elev 3605

VOR/DME RWY 22

AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

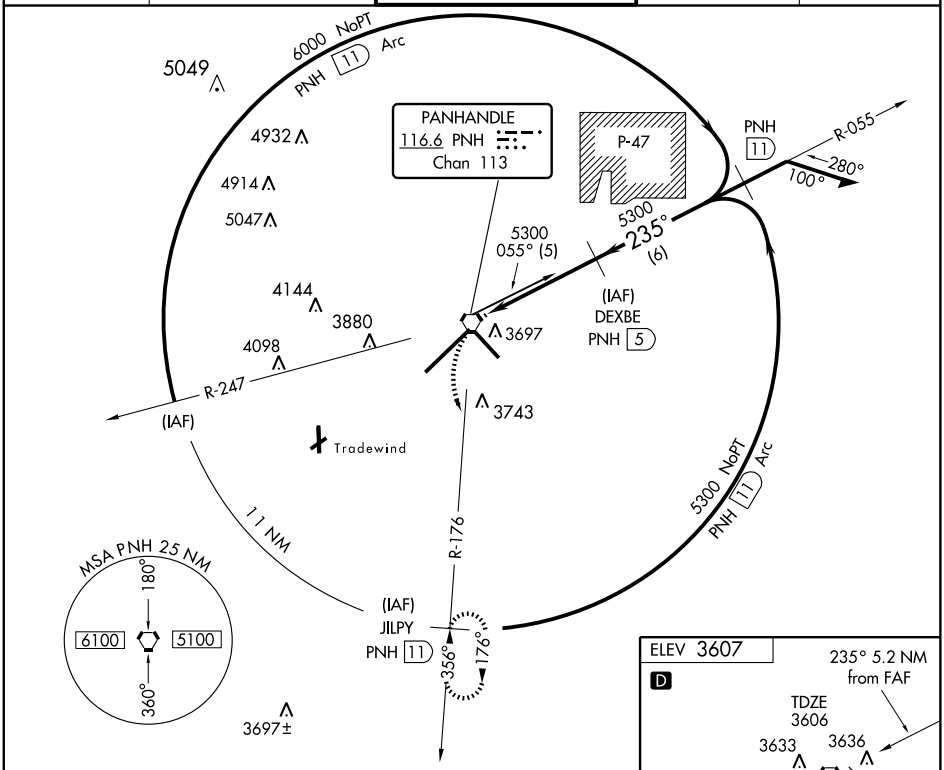
ASR

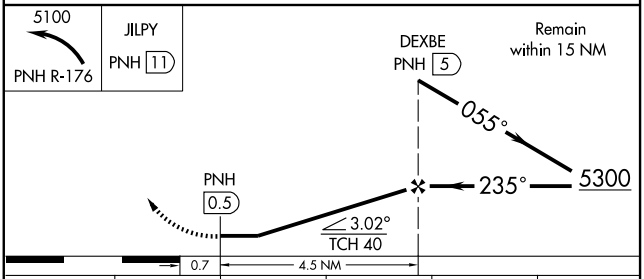
For inoperative MALSRS, increase S-22 visibility CAT D and E to 1¼.

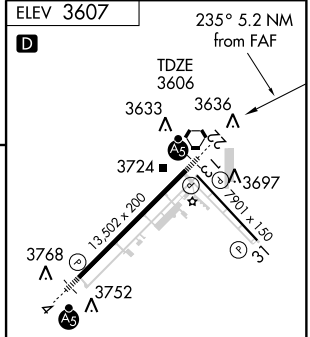
MALSR

MISSED APPROACH: Climbing left turn to 5100 via PNH R-176 to JILPY/11 DME and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D	E
S-22	3960-½ 354 (400-½)			3960-1 354 (400-1)	
CIRCLING	4080-1 473 (500-1)		4080-1½ 473 (500-1½)	4240-2 633 (700-2)	4460-3 853 (900-3)

REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

AMARILLO,TEXAS

AL-19 (FAA)

VOR/DME RWY 31

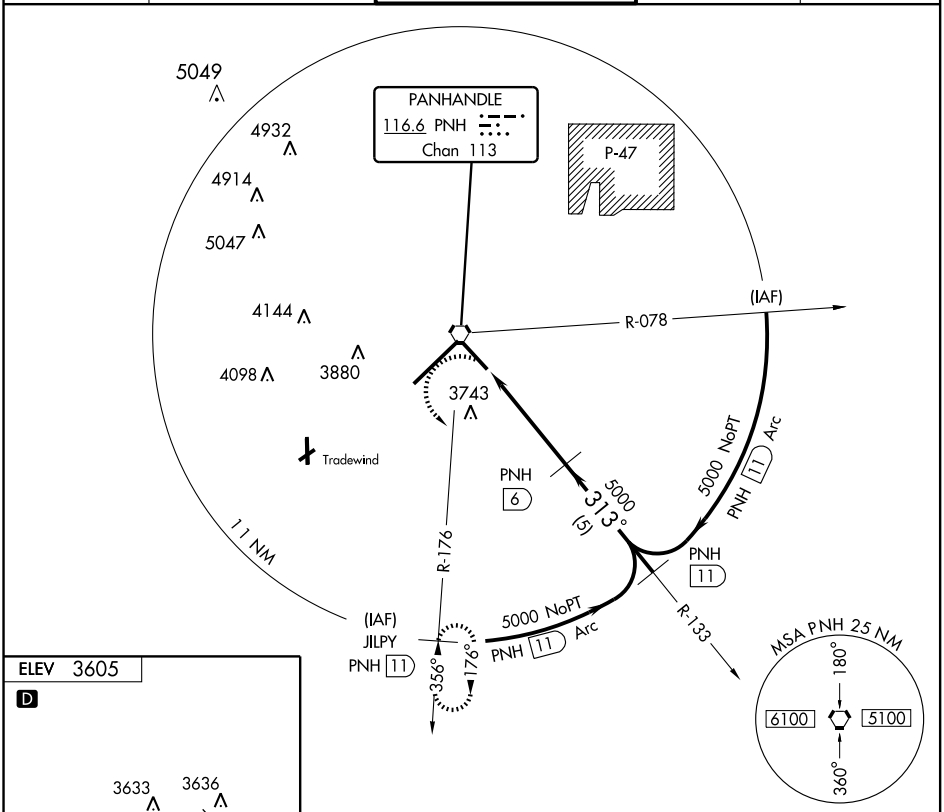
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

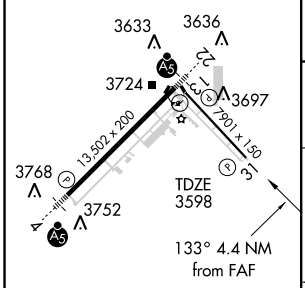
VORTAC PNH	APP CRS	Rwy Idg	7901
116.6	313°	TDZE	3598
Chan 113		Apt Elev	3605

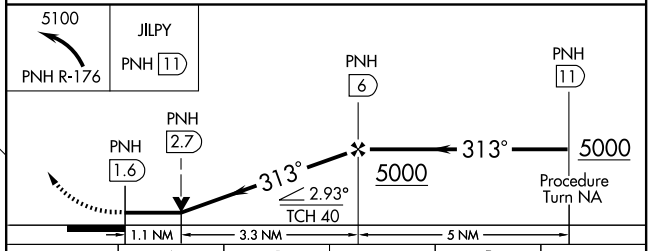
ASR

MISSED APPROACH: Climbing left turn to 5100 via PNH-176 to JILPY/11 DME and hold.

ATIS	AMARILLO APP CON ★	AMARILLO TOWER★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 L (CTAF) 257.9	121.9 348.6	121.65







CATEGORY	A	B	C	D	E
S-31	3960-1 362 (400-1)			3960-1¼ 362 (400-1¼)	
CIRCLING	4080-1 475 (500-1)		4080-1½ 475 (500-1½)	4240-2 635 (700-2)	4460-3 855 (900-3)

REIL Rwy 13 L
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

AMARILLO,TEXAS

VORTAC PNH	APP CRS	Rwy Idg 13,502
116.6	235°	TDZE 3603
Chan 113		Apt Elev 3605

VOR RWY 22

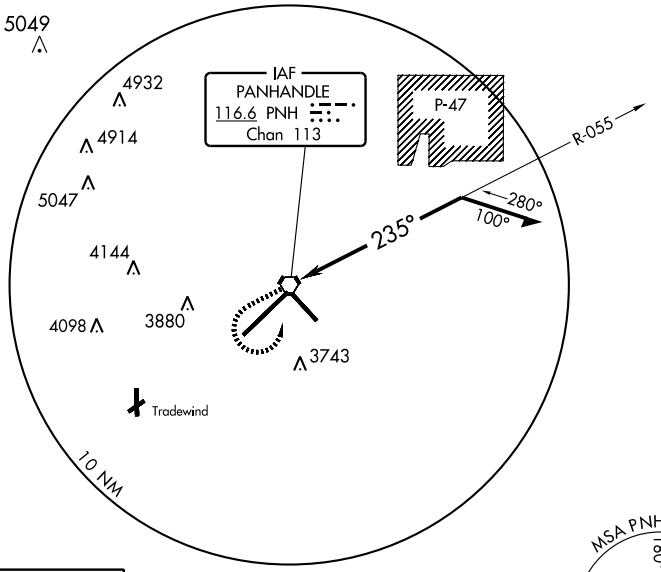
AMARILLO/ RICK HUSBAND AMARILLO INTL (AMA)

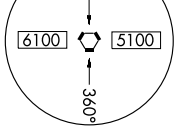
ASR

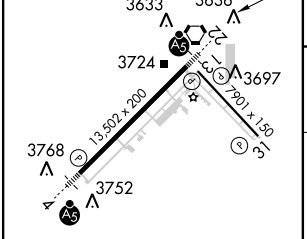
MALSR

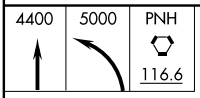
MISSED APPROACH: Climb to 4400, then climbing left turn to 5000 direct PNH VORTAC.

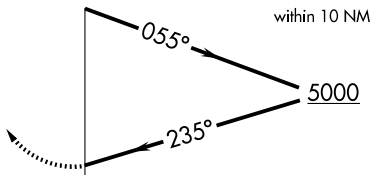
ATIS	AMARILLO APP CON ★	AMARILLO TOWER ★	GND CON	CLNC DEL
118.85 350.3	119.5 307.0	118.3 (L) (CTAF) 257.9	121.9 348.6	121.65











CATEGORY	A	B	C	D
S-22	4080-½	477 (500-½)	4080-¾ 477 (500-¾)	4080-1 477 (500-1)
CIRCLING	4080-1	475 (500-1)	4080-1½ 475 (500-1½)	4240-2 635 (700-2)

REIL Rwy 13 (L)
REIL Rwy 31
HIRL Rwys 4-22 and 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4809
352°	TDZE	3642
	Apt Elev	3648

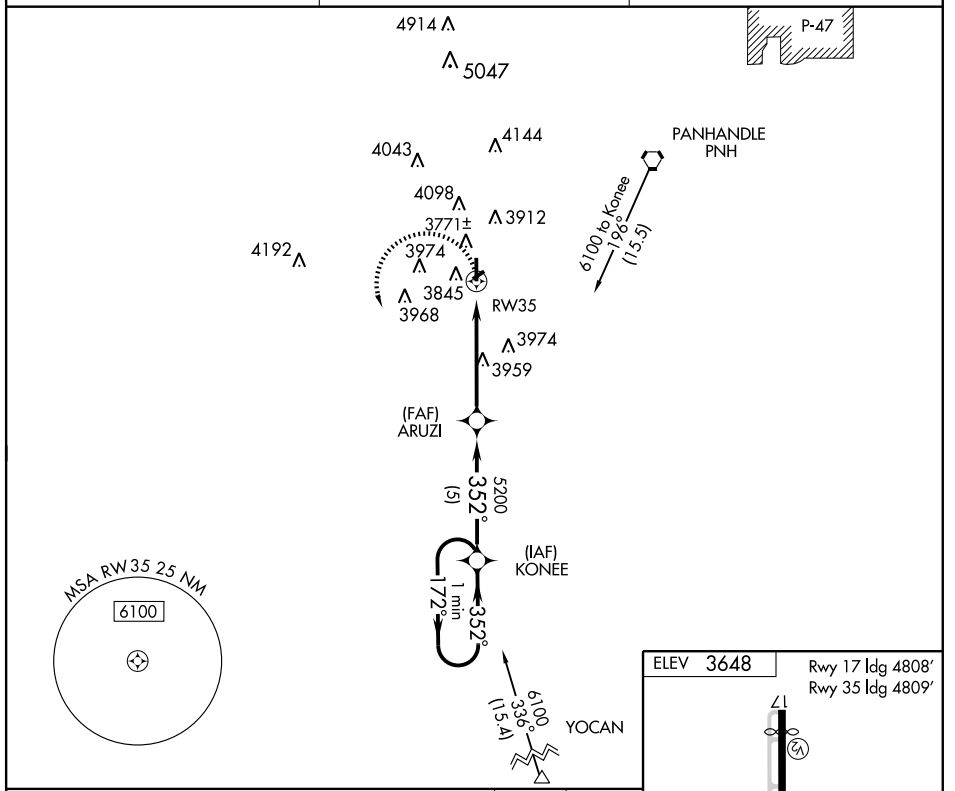
GPS RWY 35

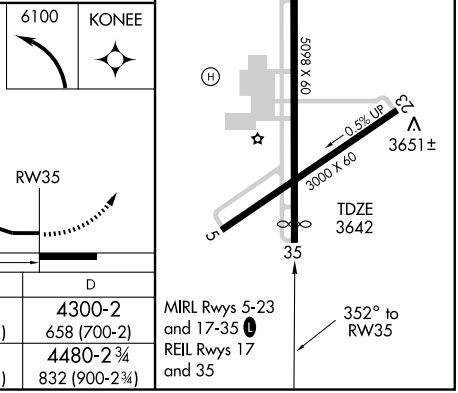
AMARILLO/ TRADEWIND (TDW)

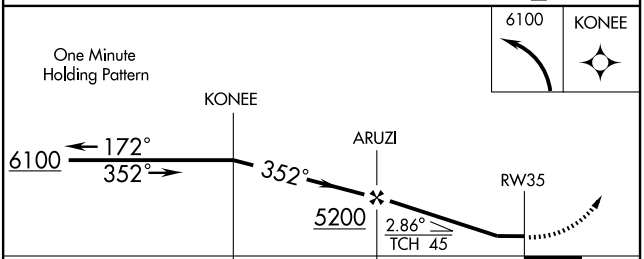
Use Rick Husband Amarillo Intl altimeter setting.
NA Circling not authorized to runway 5-23.

MISSED APPROACH: Climbing left turn to 6100 direct KONEE WP and hold.

AMARILLO APP CON ★	CLNC DEL	UNICOM
119.5 307.0	125.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	4300-1	658 (700-1)	4300-1¾ 658 (700-1¾)	4300-2 658 (700-2)
CIRCLING	4300-1	652 (700-1)	4300-1¾ 652 (700-1¾)	4480-2¾ 832 (900-2¾)

MIRL Rwys 5-23 and 17-35 L
REIL Rwys 17 and 35

352° to RW35

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB AM	APP CRS	Rwy Idg	N/A
251	313°	TDZE	N/A
		Apt Elev	3648

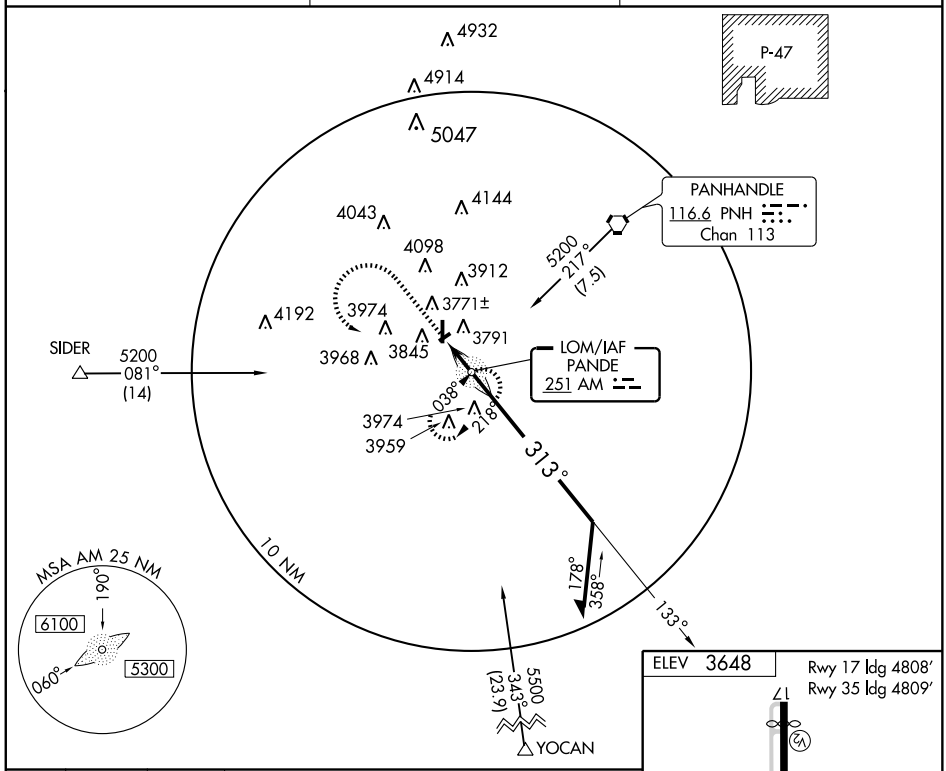
NDB-A

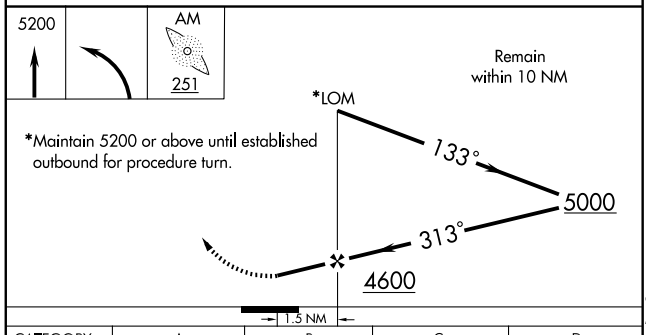
AMARILLO/ TRADEWIND (TDW)

Use Rick Husband Amarillo Intl altimeter setting.
Circling not authorized to runway 5-23.

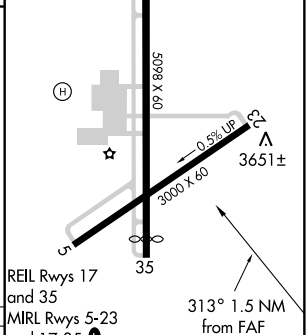
MISSED APPROACH: Climb to 5200, then left turn direct AM LOM and hold.

AMARILLO APP CON *	CLNC DEL	UNICOM
119.5 307.0	125.4	122.8 (CTAF) L





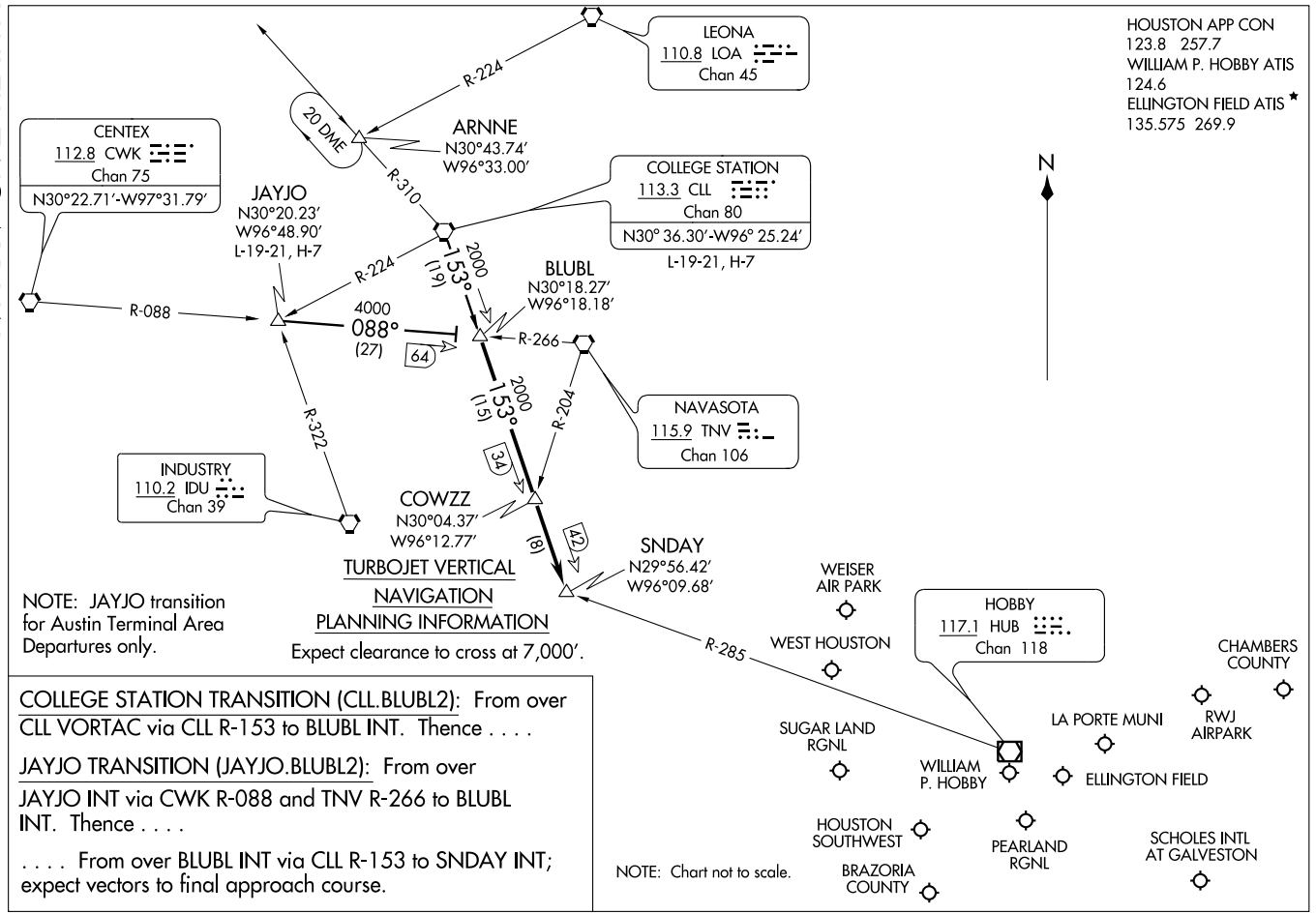
*Maintain 5200 or above until established outbound for procedure turn.



CATEGORY	A	B	C	D
CIRCLING	4220-1 572 (600-1)	4260-1 612 (700-1)	4260-1¾ 612 (700-1¾)	4480-2¾ 832 (900-2¾)

FAF TO MAP 1.5 NM					
Knots	60	90	120	150	180
Min:Sec	1:30	1:00	0:45	0:36	0:30

SC-2, 17 DEC 2009 to 14 JAN 2010



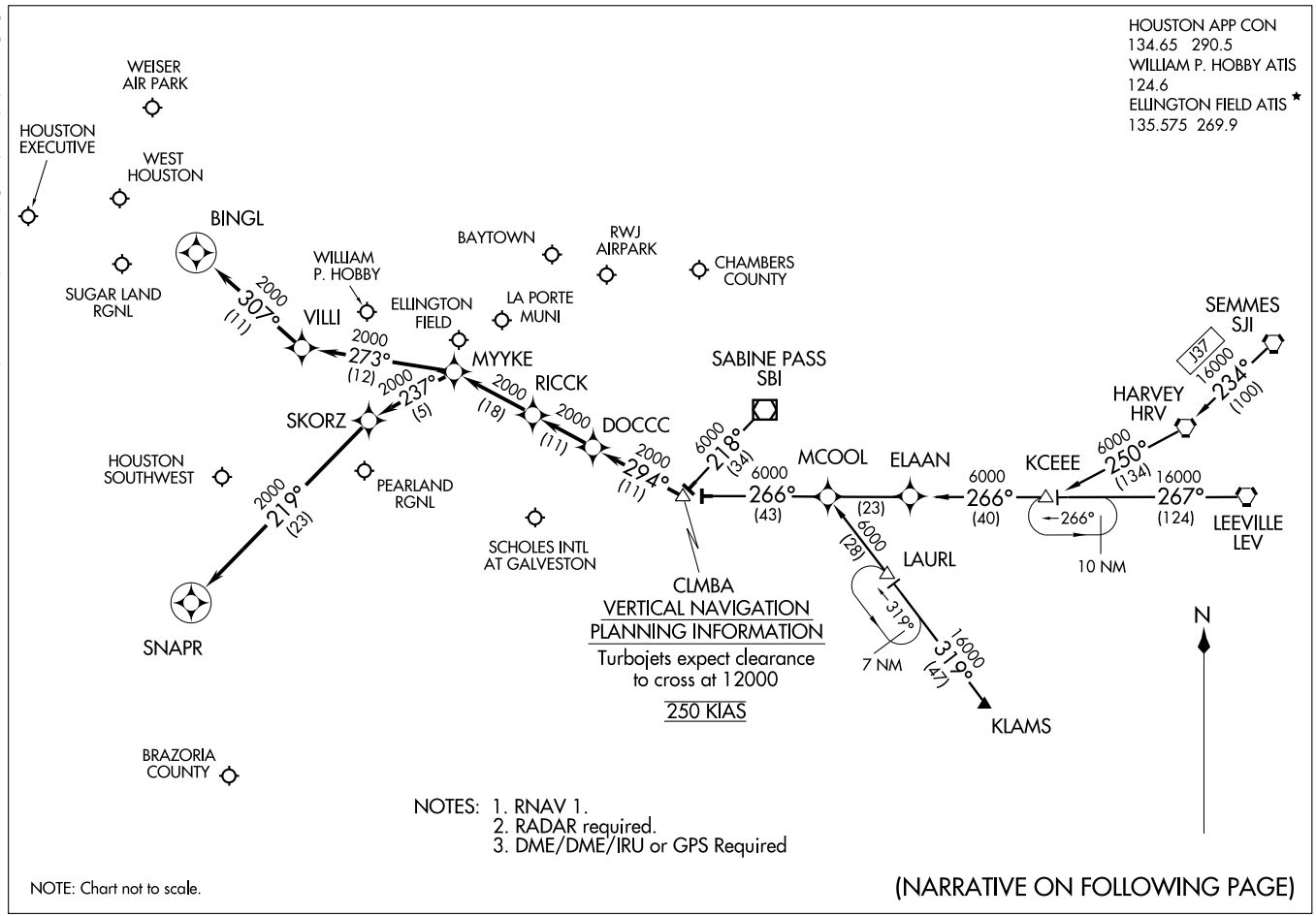
COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

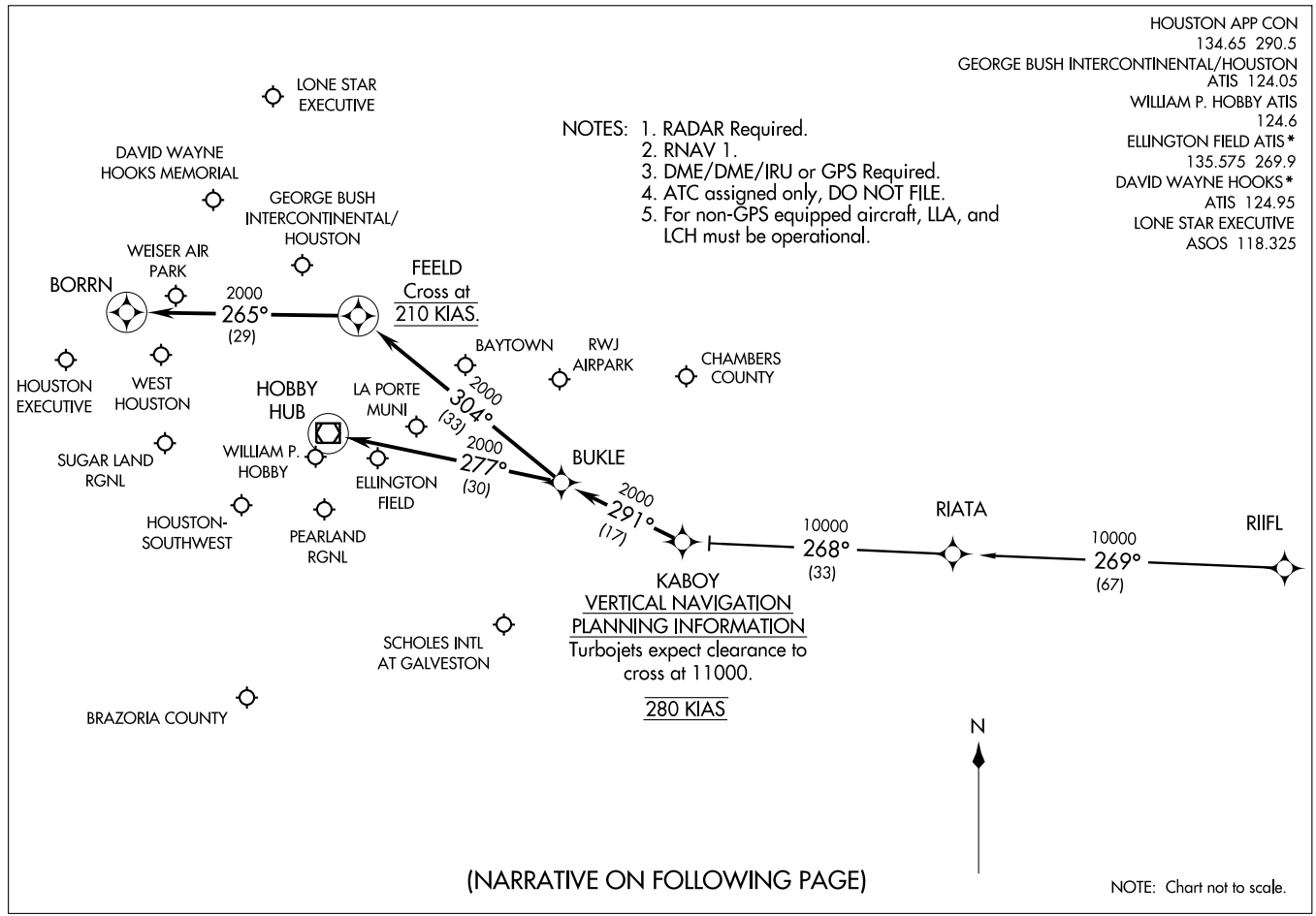
. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

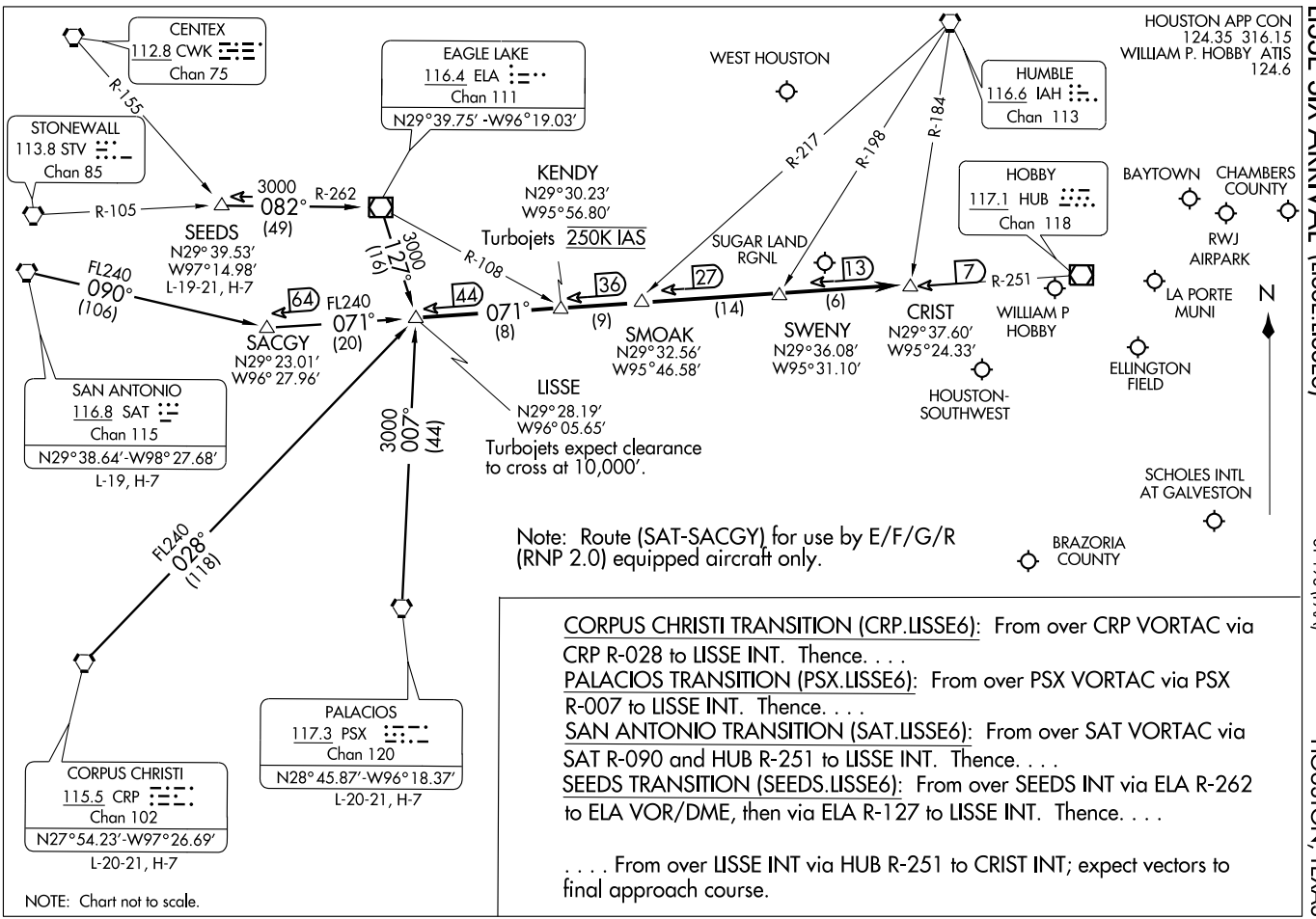
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

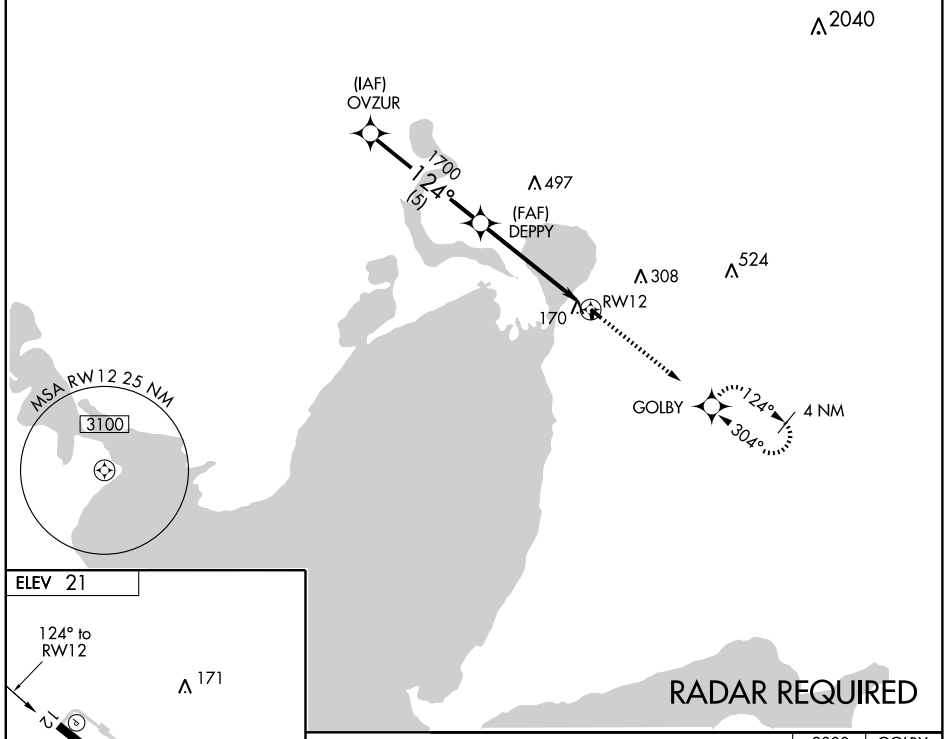
. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

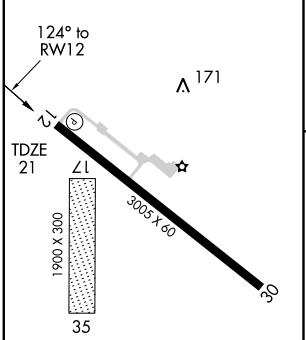
APP CRS	Rwy Idg	3005
124°	TDZE	21
	Apt Elev	21

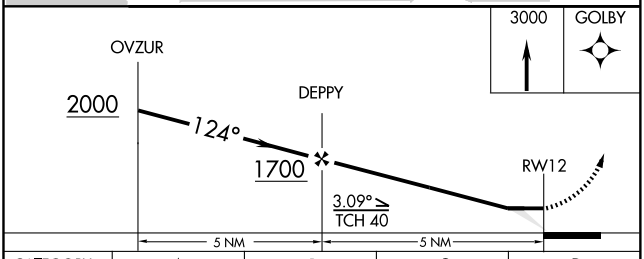
RNAV (GPS) RWY 12

ANAHUAC/CHAMBERS COUNTY (T∅∅)

NA	MISSED APPROACH:
Use Houston William P. Hobby altimeter setting. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA	Climb to 3000 direct GOLBY WP and hold.
HOUSTON APP CON **134.45 281.4**	**CTAF** **122.9** (L)



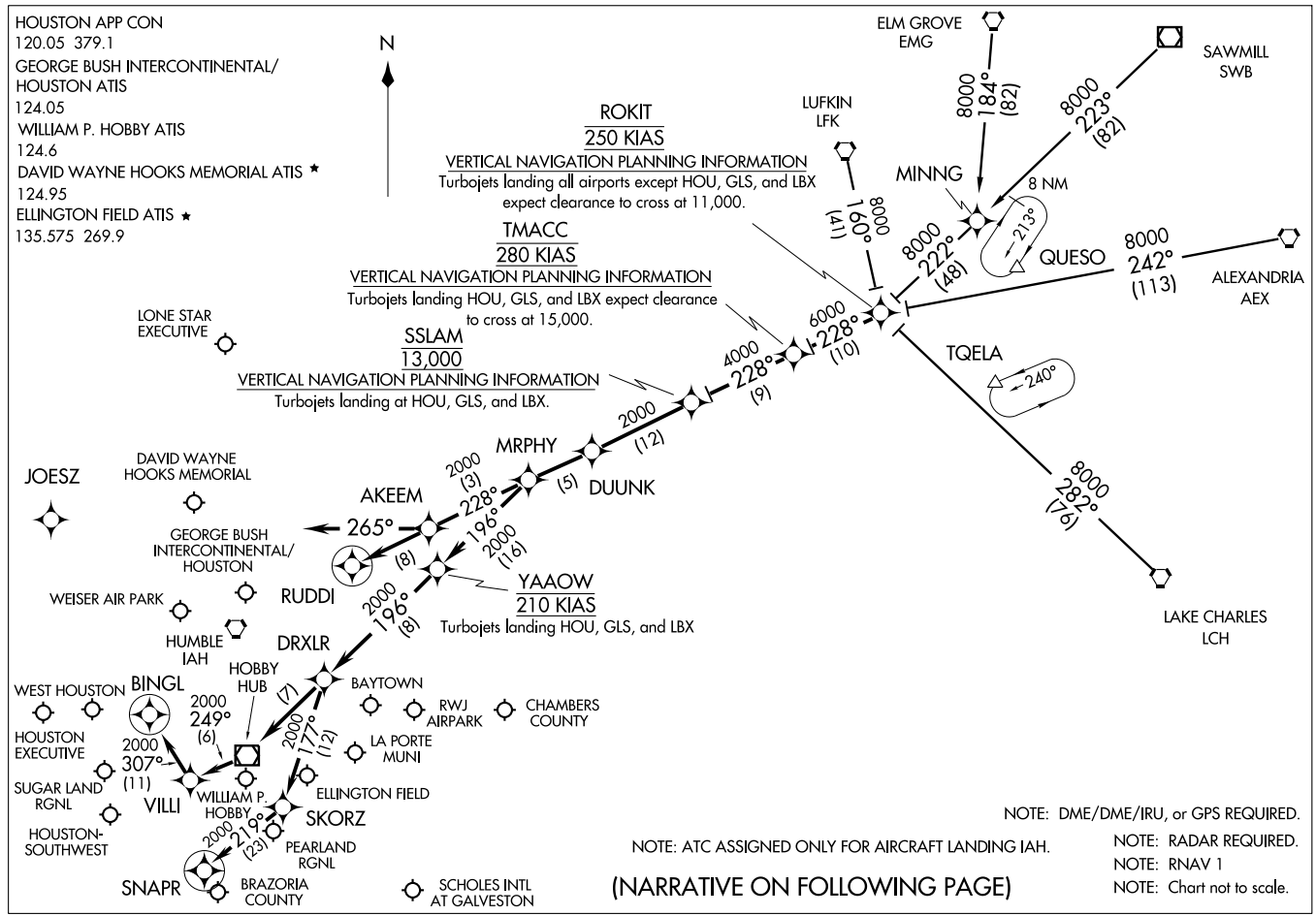




CATEGORY	A	B	C	D
LNAV MDA	560-1	539 (600-1)	560-1½ 539 (600-1½)	NA
CIRCLING	620-1	599 (600-1)	620-1½ 599 (600-1½)	NA

MIRL Rwy 12-30 (L)
LIRL Rwy 12-30

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

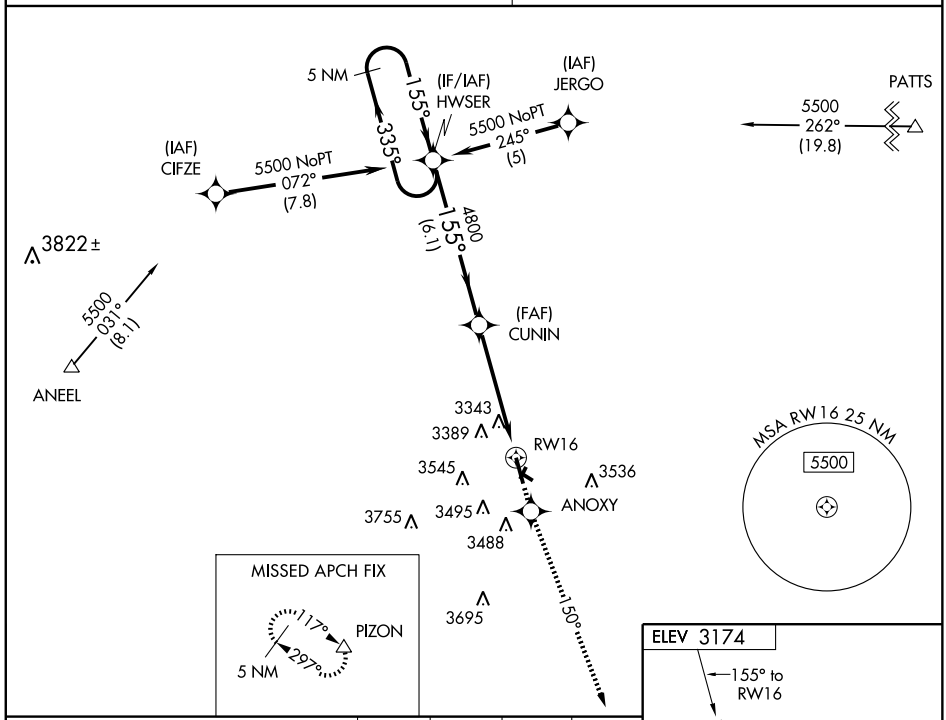
WAAS	APP CRS	Rwy Idg	5816
CH 65813	155°	TDZE	3174
W16A		Apt Elev	3174

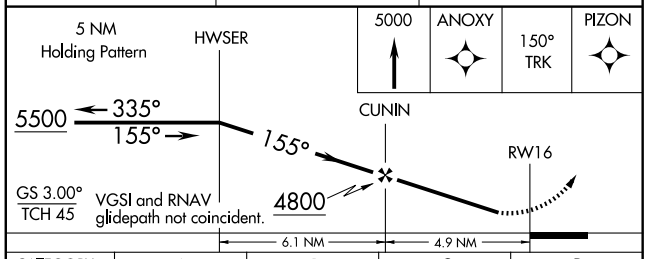
RNAV (GPS) RWY 16
ANDREWS COUNTY (E11)

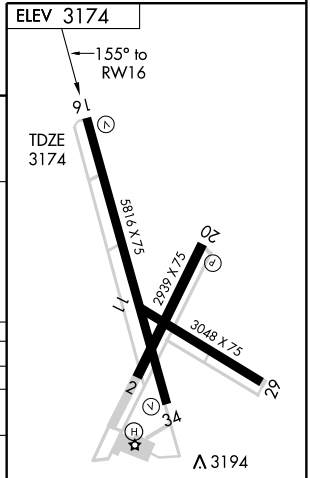
Circling NA west of rwy 16/34. Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Midland altimeter setting; when not received use Big Spring altimeter setting and increase all DA 95 feet, all MDA 100 feet, increase LPV and LNAV/VNAV all Cats, LNAV Cat C and circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 5000 direct ANOXY and via track 150° to PIZON and hold.

MIDLAND APP CON ★	UNICOM
121.1 290.4	122.8 (CTAF) L







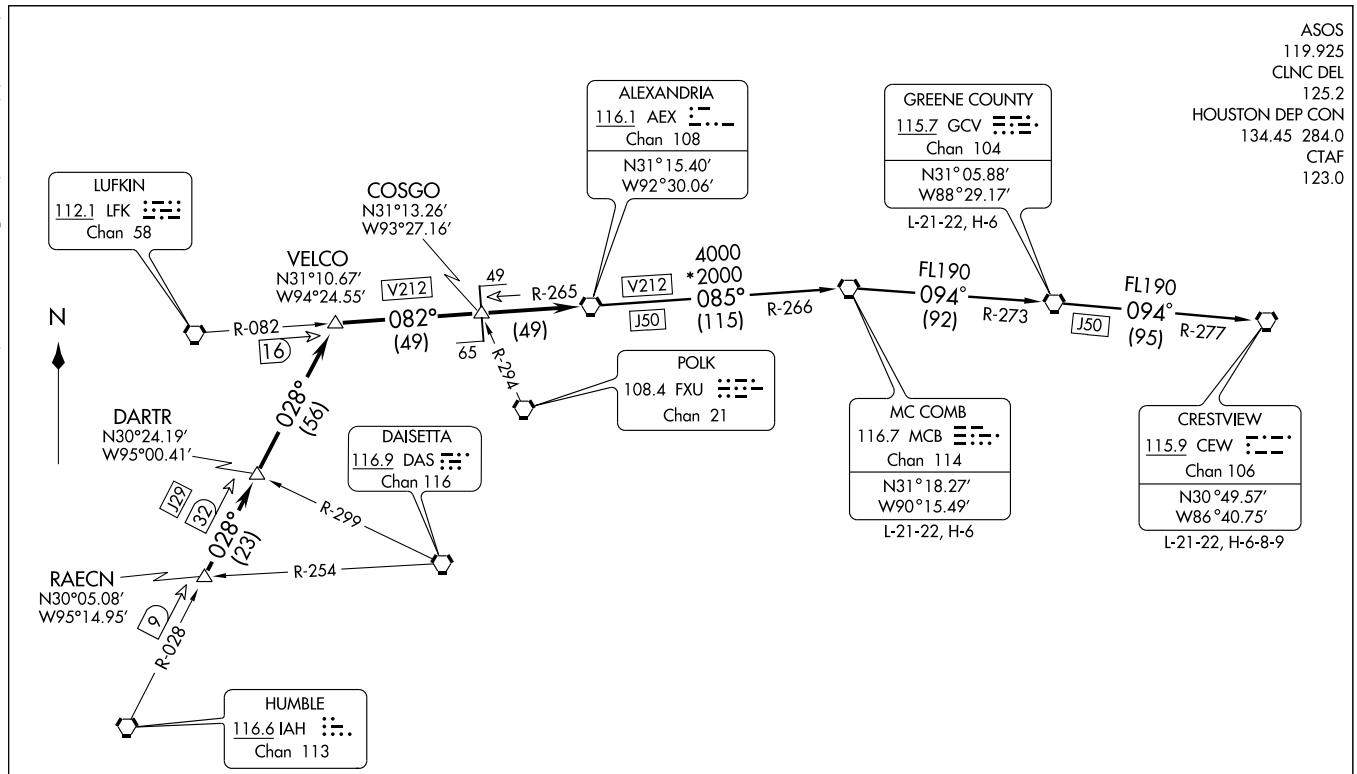
CATEGORY	A	B	C	D
LPV DA	3533-1¼ 359 (400-1¼)			NA
LNAV/VNAV DA	3802-2¼ 628 (700-2¼)			NA
LNAV MDA	3780-1 606 (700-1)		3780-1¾ 606 (700-1¾)	NA
CIRCLING	3780-1 606 (700-1)		3780-1¾ 606 (700-1¾)	NA

MIRL Rwys 2-20 and 16-34 L
REIL Rwys 16 and 34

SC-2, 17 DEC 2009 to 14 JAN 2010

ALEXANDRIA FOUR DEPARTURE

ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510′ from DER, 721′ left of centerline, 48′ AGL/68′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

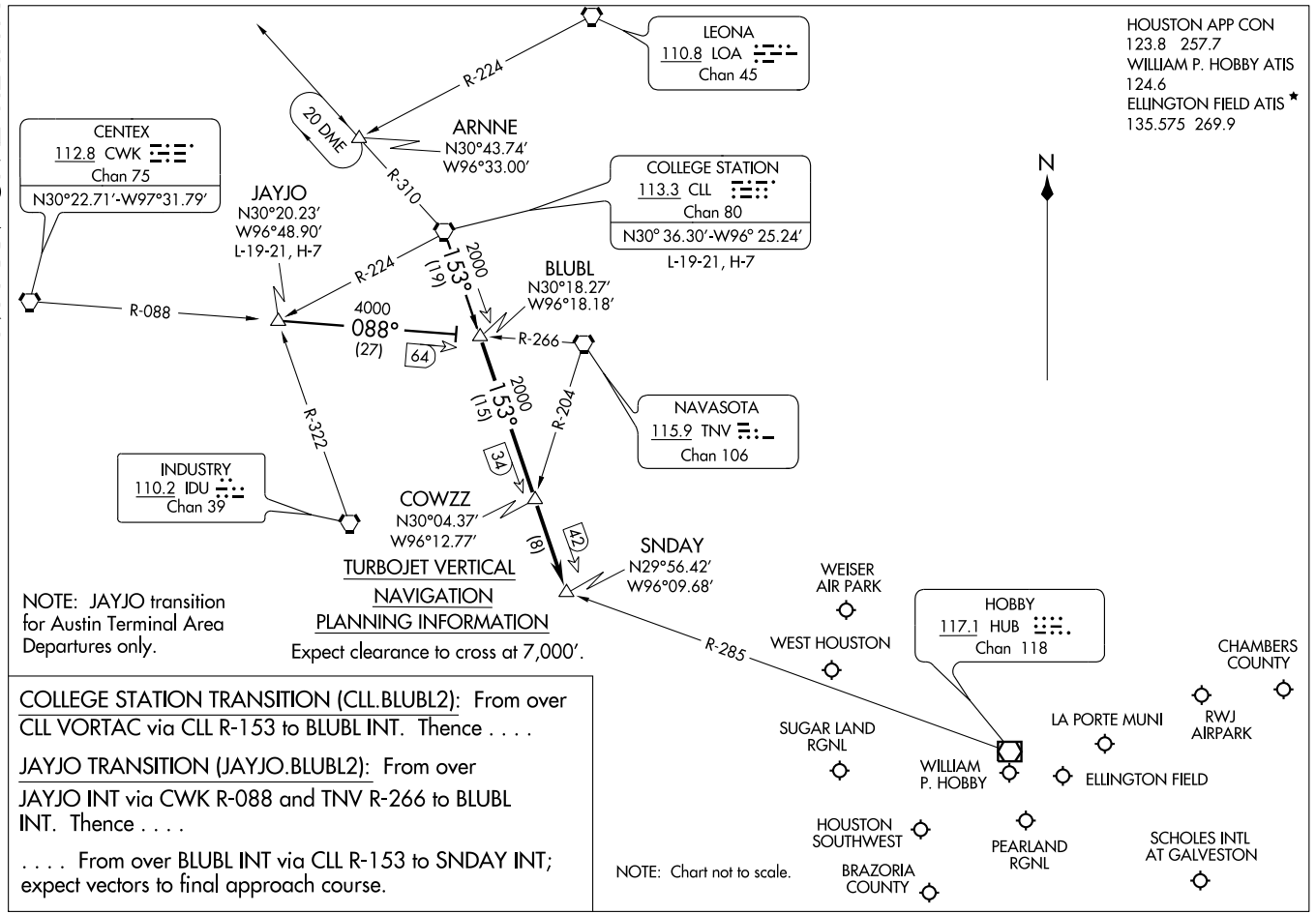
. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

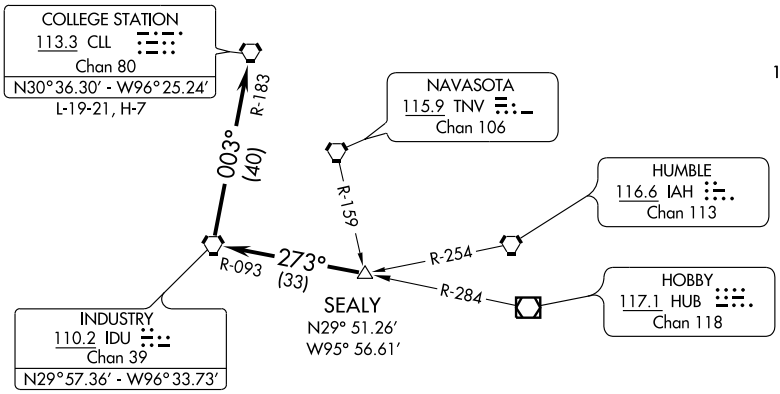
JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-6453 (FAA)

CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0
ASOS
119.925



TAKE-OFF MINIMUMS:
Rwys 17, 35 standard.

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

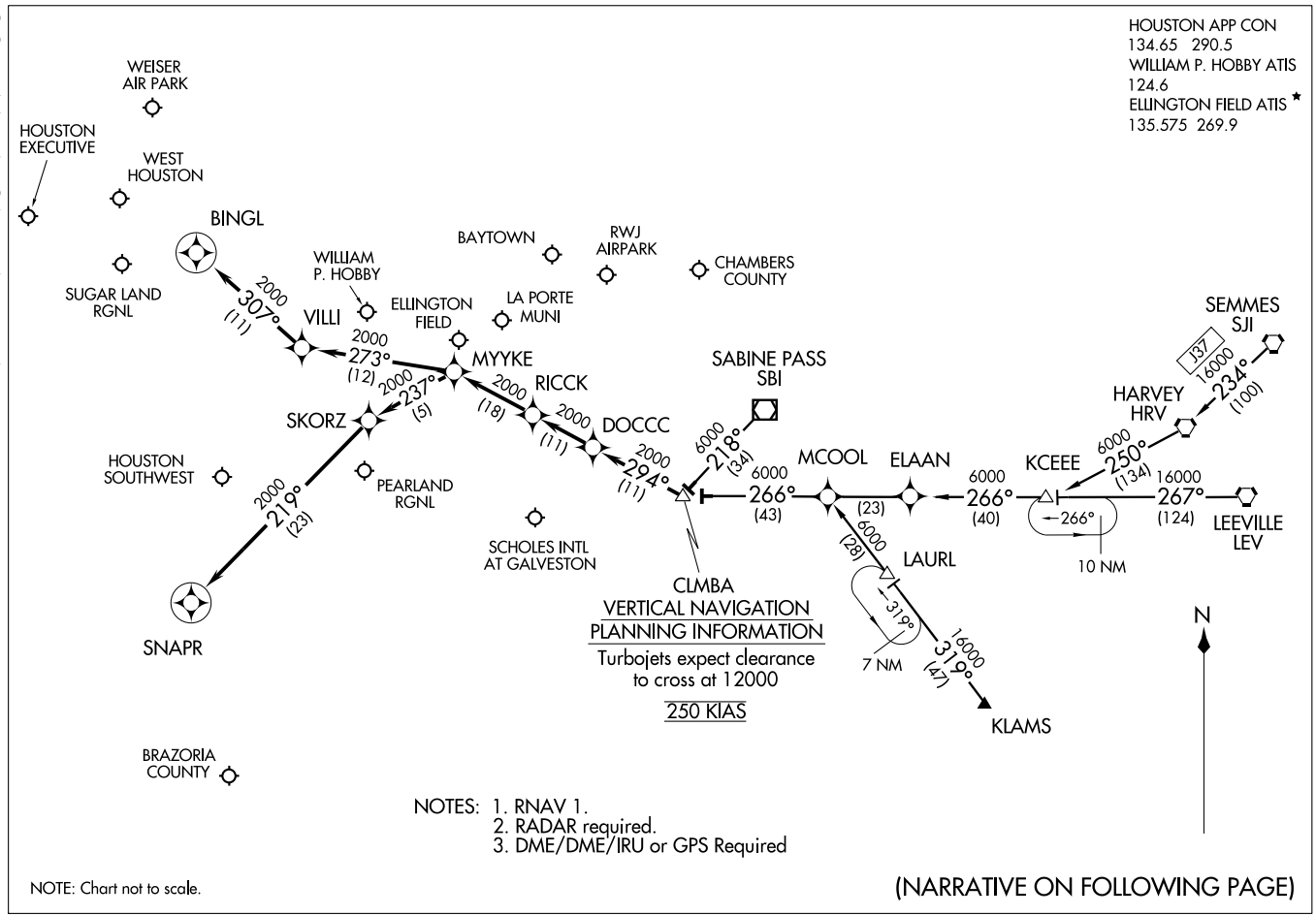
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure, Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

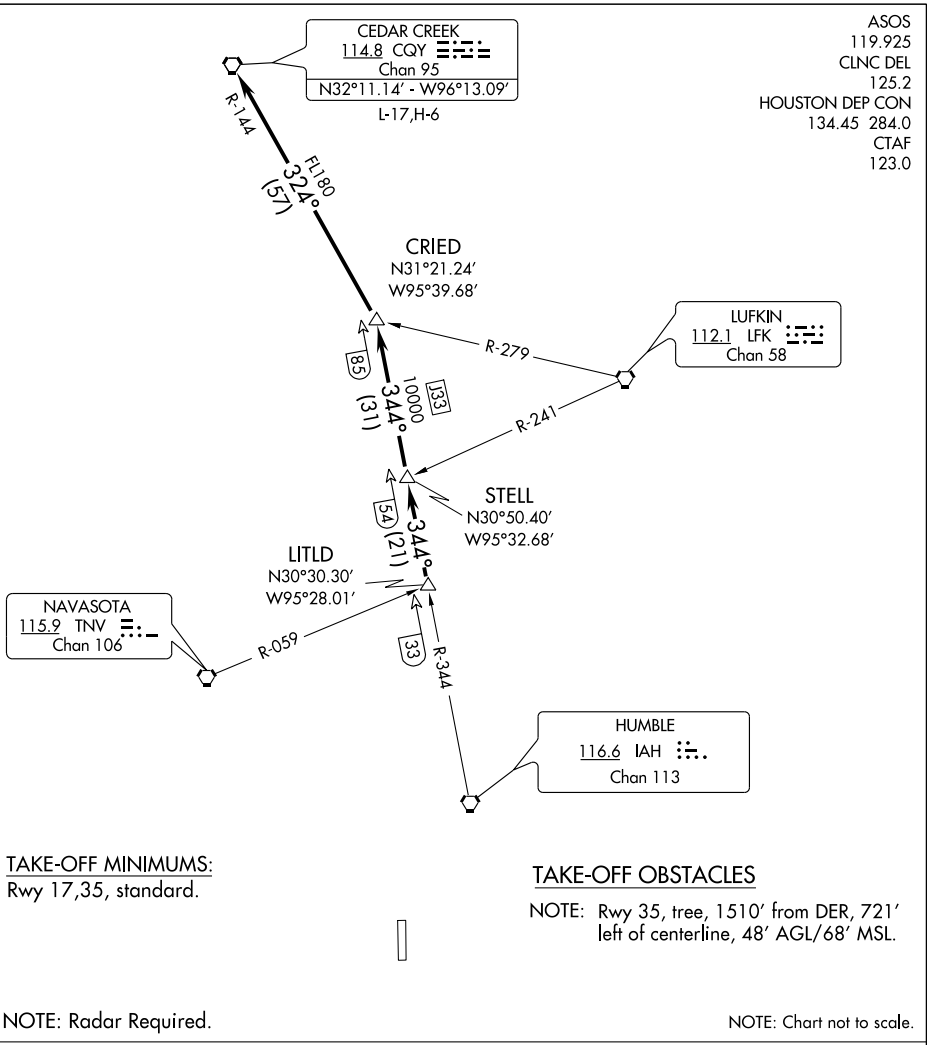
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-6453 (FAA)

ANGLETON/BRAZORIA COUNTY (LBX)
ANGLETON/LAKE JACKSON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 17,35, standard.

TAKE-OFF OBSTACLES

NOTE: Rwy 35, tree, 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

SL-6453 (FAA)

ANGLETON/BRAZORIA COUNTY (LBX)
ANGLETON/LAKE JACKSON, TEXAS

ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
9

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

T

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 35, Tree 1510′ from DER, 721′ left of centerline, 48′ AGL/68′ MSL.

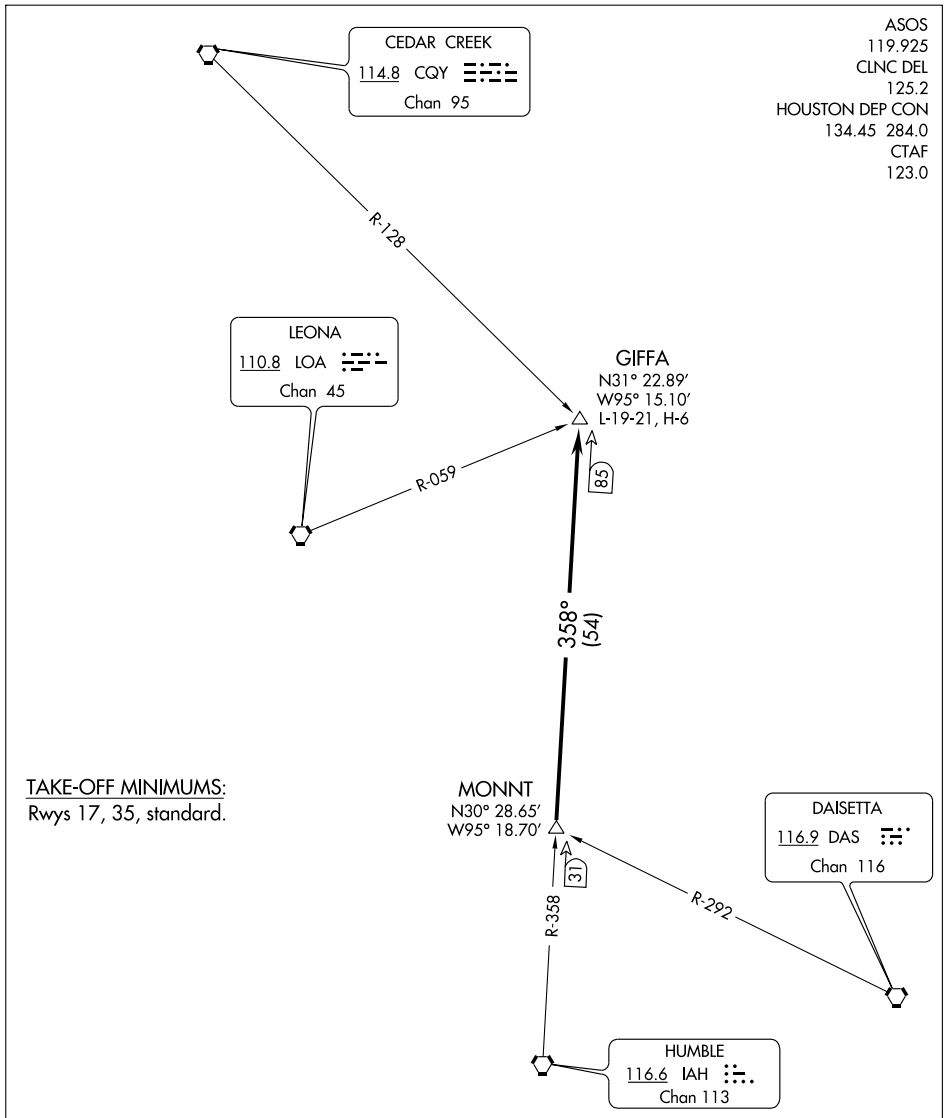
SC-5, 17 DEC 2009 to 14 JAN 2010

(GIFFA3.GIFFA) 09071

GIFFA THREE DEPARTURE

SL-6453 (FAA)

ANGLETON/ BRAZORIA COUNTY (LBX)
ANGLETON/LAKE JACKSON, TEXAS



TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC I-LBX	APP CRS	Rwy Idg	7000
109.1	175°	TDZE	25
		Apt Elev	25

ILS or LOC RWY 17

ANGLETON/ BRAZORIA COUNTY (LBX)

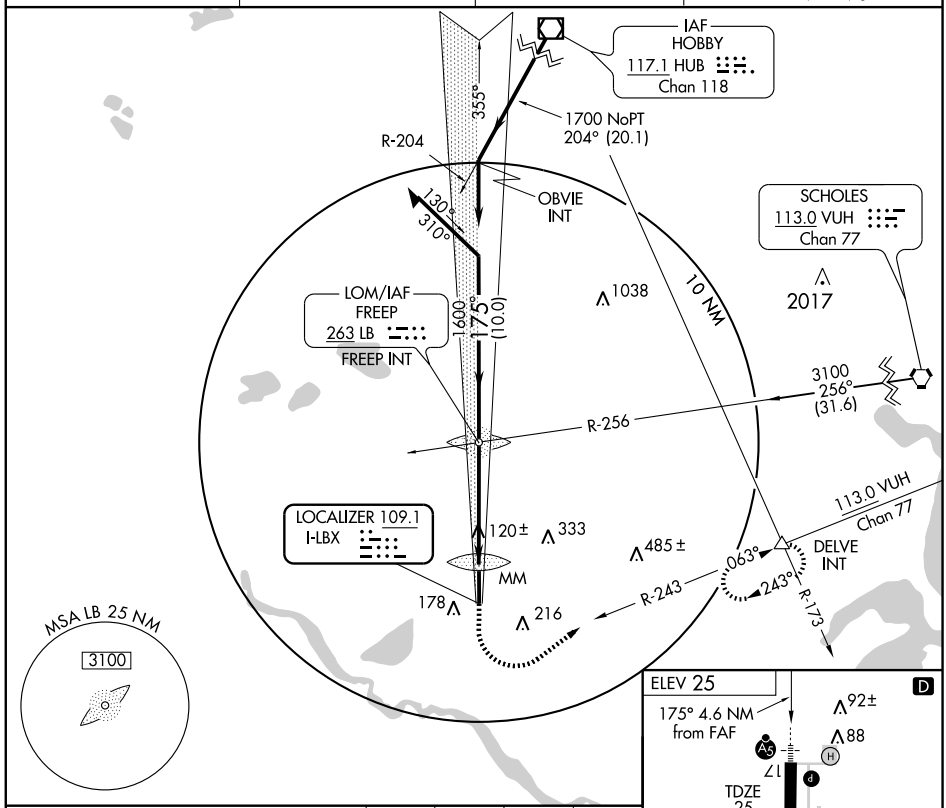
If local altimeter setting not received; use William P. Hobby altimeter setting and increase all DAs/MDAs 100 feet. Circling not authorized east of Rwy 17-35.

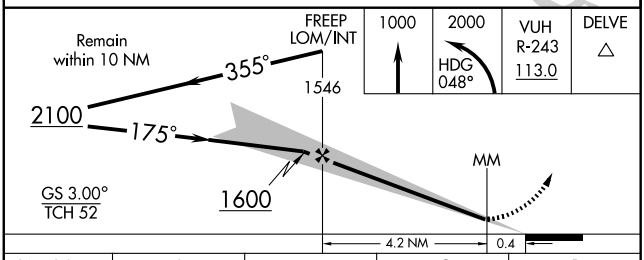
NA

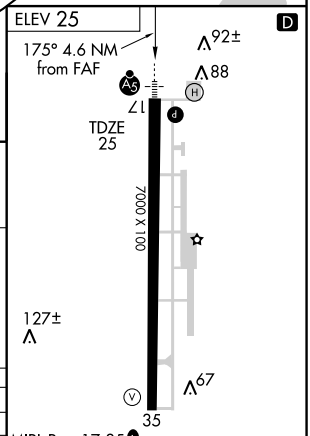
MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 2000 via heading 048° and VUH VORTAC R-243 to DELVE Int and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	134.45 284.0	125.2	123.0 (CTAF) L





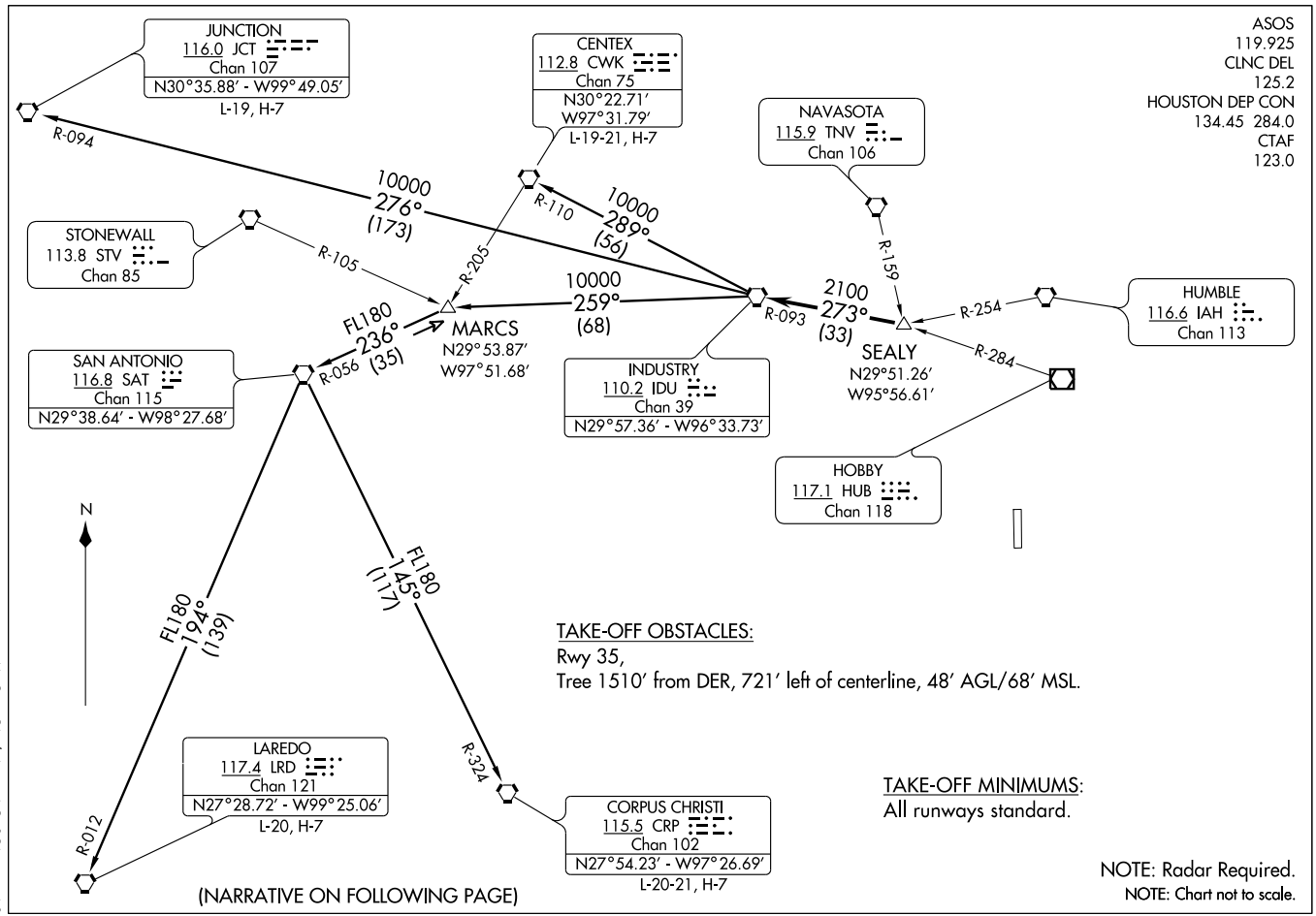


CATEGORY	A	B	C	D
S-ILS 17	225-½ 200 (200-½)			
S-LOC 17	420-½ 395 (400-½)			420-¾ 395 (400-¾)
CIRCLING	480-1 455 (500-1)		480-1½ 455 (500-1½)	580-2 555 (600-2)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SL-6453 (FAA)

ANGLETON/BRAZORIA COUNTY (LBX)

ANGLETON/LAKE JACKSON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

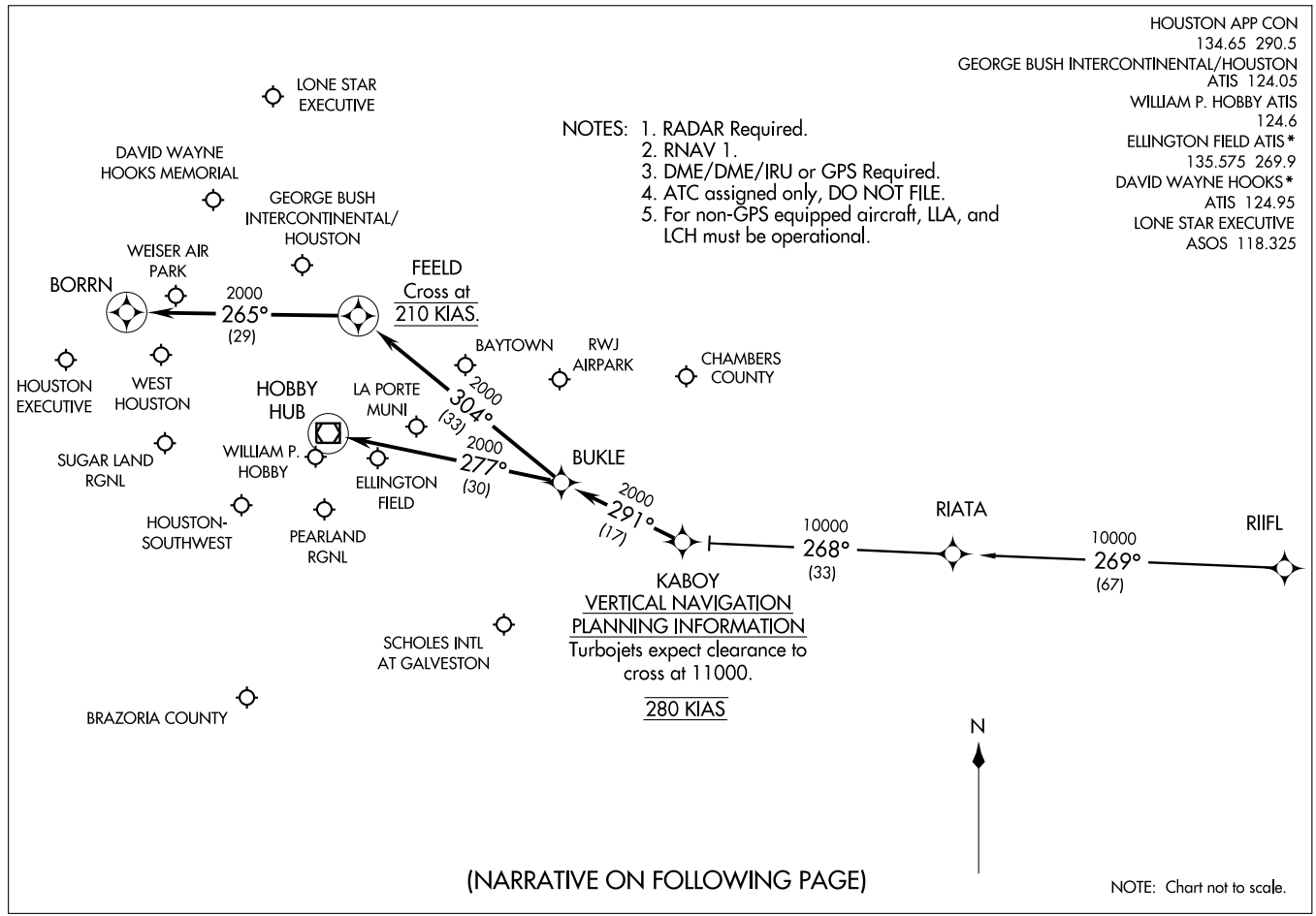
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

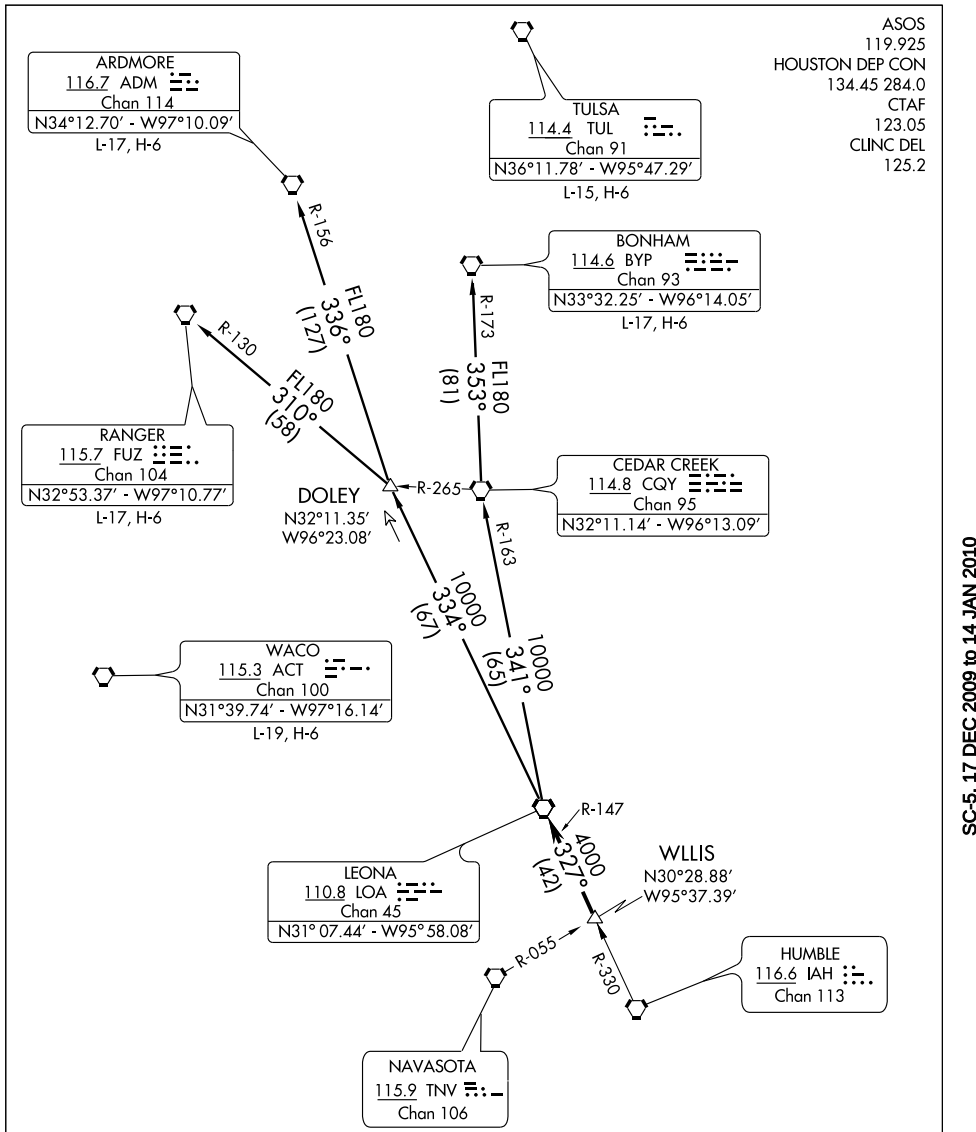
ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-6453 (FAA)

ANGLETON/BRAZORIA COUNTY (LBX)
ANGLETON/LAKE JACKSON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 17, 35 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

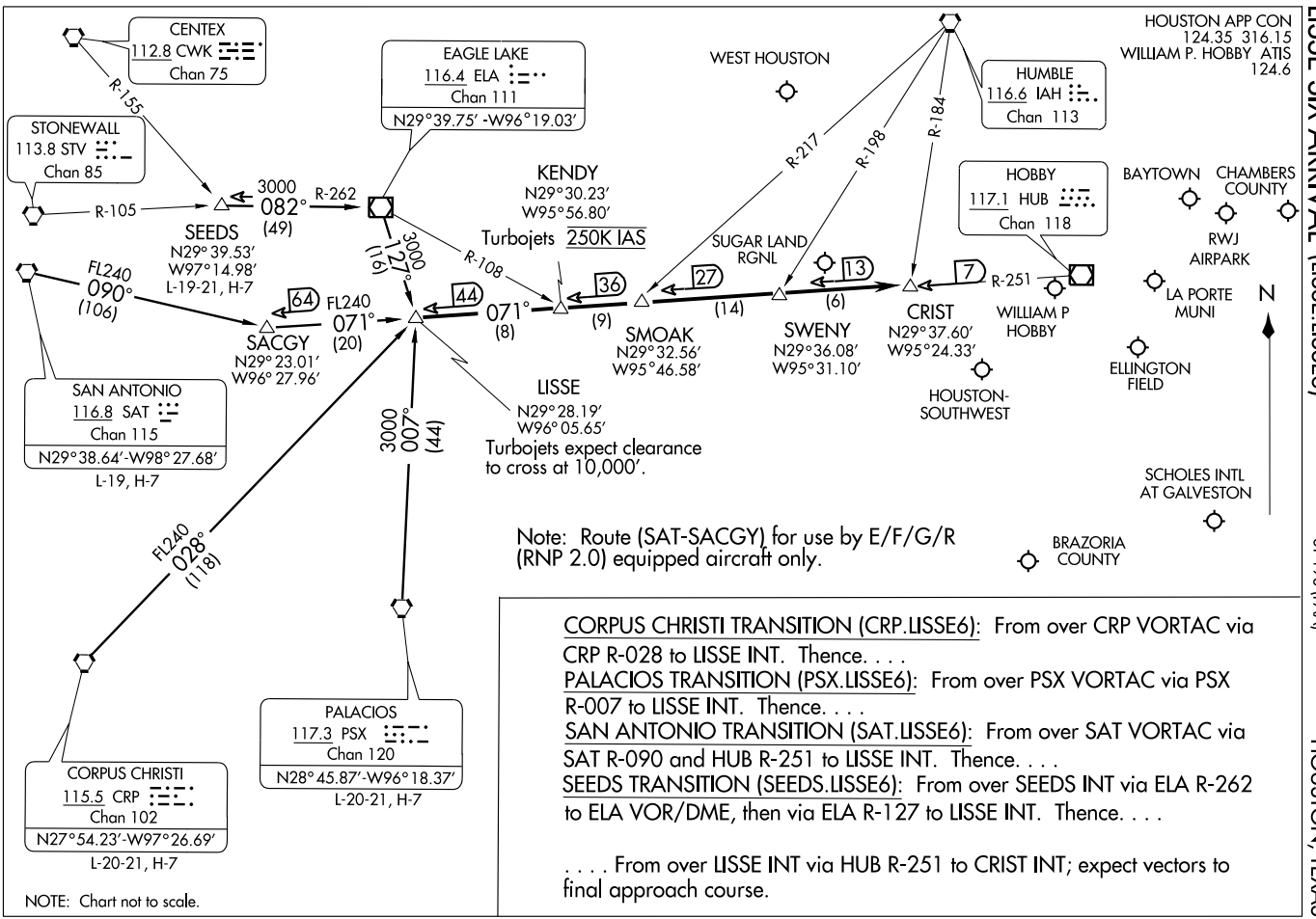
TAKE-OFF OBSTACLES

Rwy 35, Tree 1510′ from DER, 721′ left of centerline, 48′ AGL/68′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

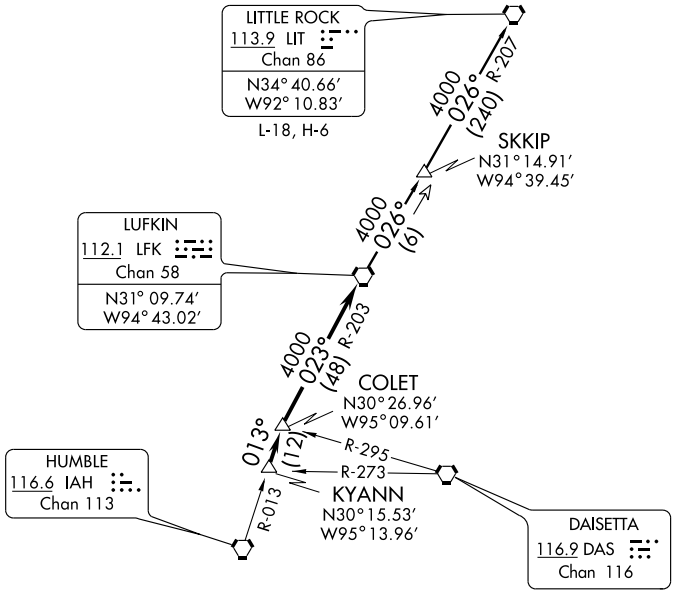
SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

SL-6453 (FAA)

ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510′ from DER, 721′ left of centerline, 48′ AGL/68′ MSL.

NOTE: Chart not to scale.

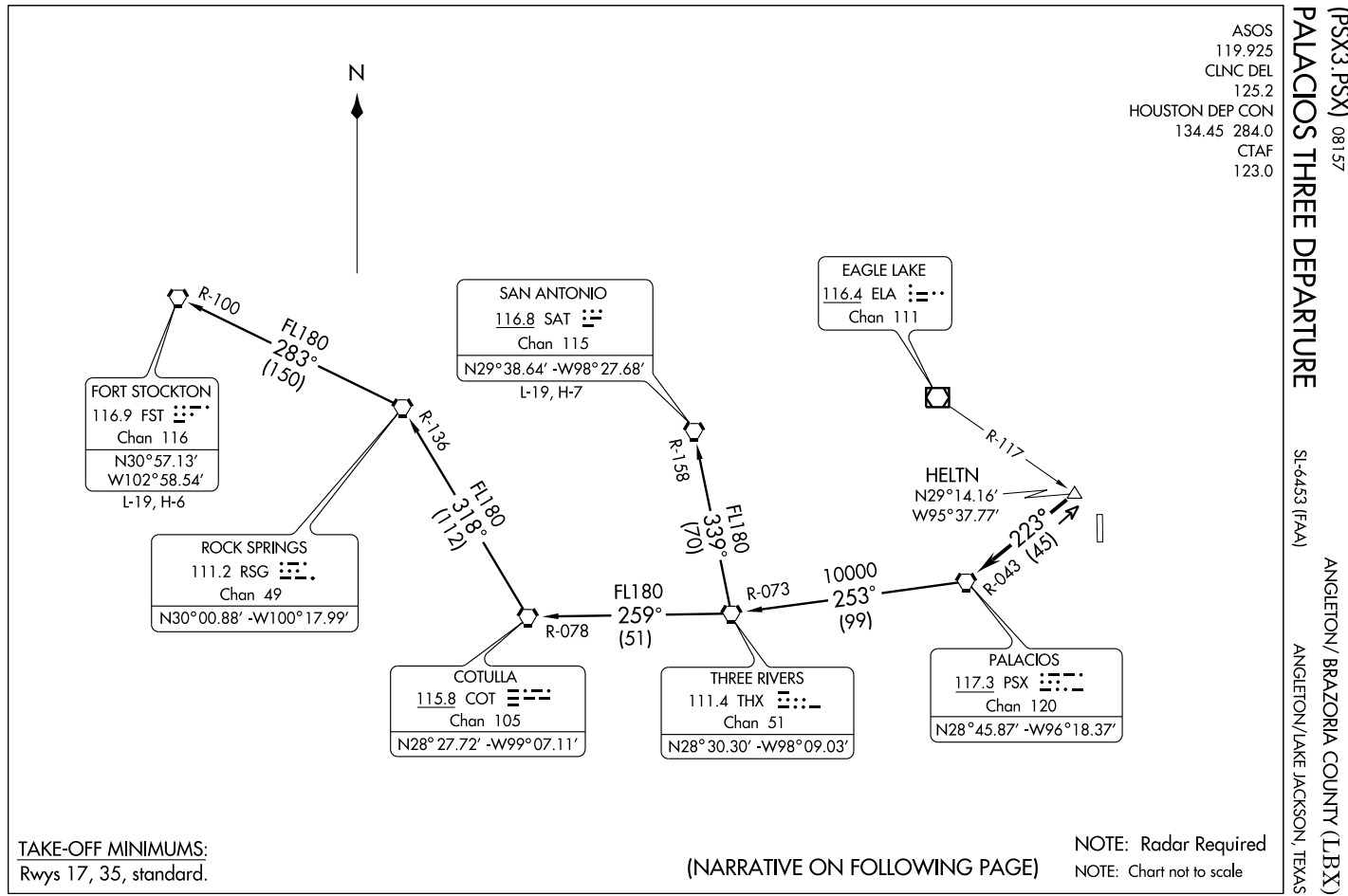
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0
N
R-100
FL180
283°
(150)
FORT STOCKTON
116.9 FST
Chan 116
N30°57.13′
W102°58.54′
L-19, H-6
R-136
FL180
318°
(112)
ROCK SPRINGS
111.2 RSG
Chan 49
N30°00.88′ -W100°17.99′
SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64′ -W98°27.68′
L-19, H-7
R-158
FL180
339°
(70)
EAGLE LAKE
116.4 ELA
Chan 111
R-117
HELTN
N29°14.16′
W95°37.77′
223°
(45)
10000
253°
(99)
R-043
R-073
FL180
259°
(51)
R-078
COTULLA
115.8 COT
Chan 105
N28° 27.72′ -W99°07.11′
THREE RIVERS
111.4 THX
Chan 51
N28°30.30′ -W98°09.03′
PALACIOS
117.3 PSX
Chan 120
N28°45.87′ -W96°18.37′
TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS Ch **70316** W17A	APP CRS **175°**	Rwy Idg **7000** TDZE **25** Apt Elev **25**

RNAV (GPS) RWY 17

ANGLETON/BRAZORIA COUNTY (LBX)

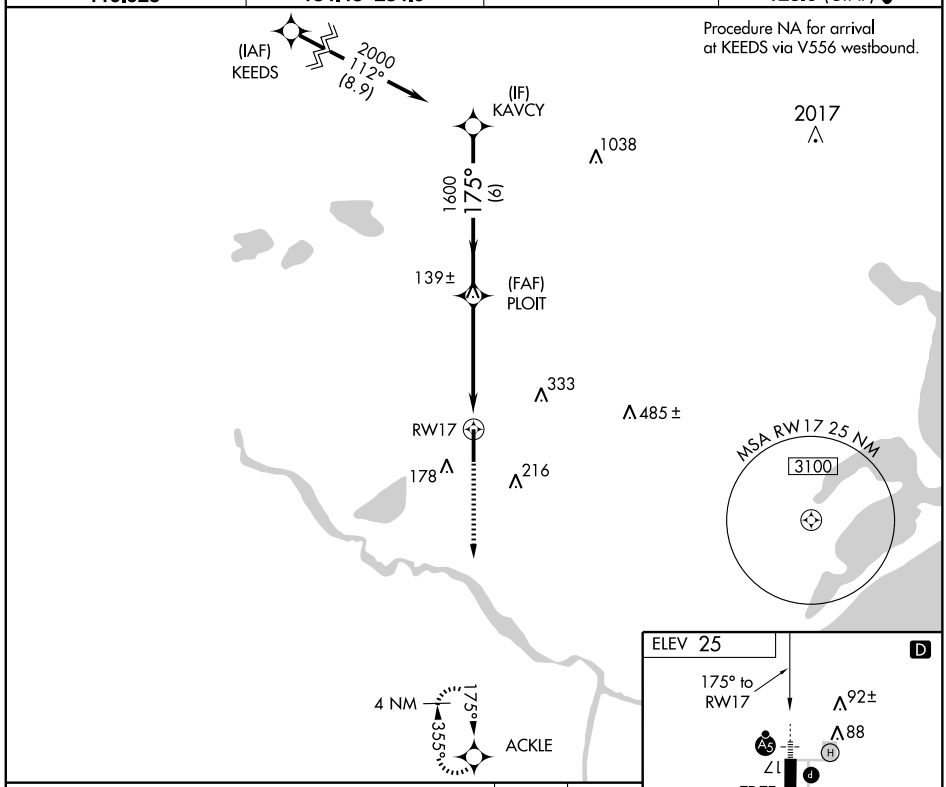
T DME/DME RNP-0.3 NA. Baro-VNAV NA below -16°C (4°F). If local altimeter setting not received, use William P. Hobby altimeter setting and increase all
A DAs/MDAs 100 feet. Baro-VNAV and VDP NA when using William P. Hobby altimeter setting. Circling NA east of runway 17-35. For inoperative MALSR, increase LPV visibility to 1 mile all Cats, LNAV Cat D visibility to 1¼ mile.

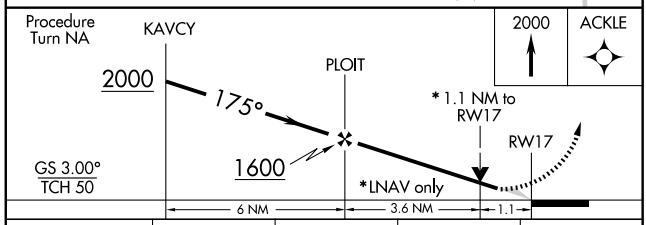
MALSR

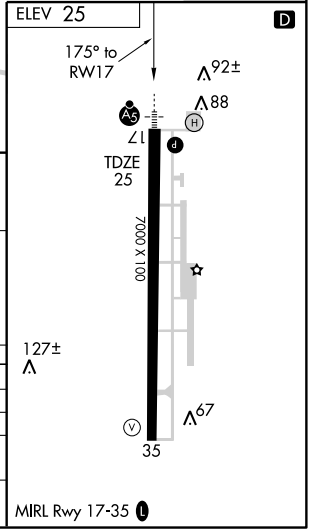
MISSED APPROACH: Climb to 2000 direct ACKLE and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	**134.45 284.0**	**125.2**	**123.0** (CTAF) L

Procedure NA for arrival at KEEDS via V556 westbound.







CATEGORY	A	B	C	D
LPV DA	282-½ 257 (300-½)			
LNAV/VNAV DA	360-¾ 335 (400-¾)			
LNAV MDA	420-½ 395 (400-½)			420-1 395 (400-1)
CIRCLING	480-1¼ 455 (500-1¼)		480-1½ 455 (500-1½)	580-2 555 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS Ch **77516** W35A	APP CRS **355°**	Rwy Idg **7000** TDZE **25** Apt Elev **25**

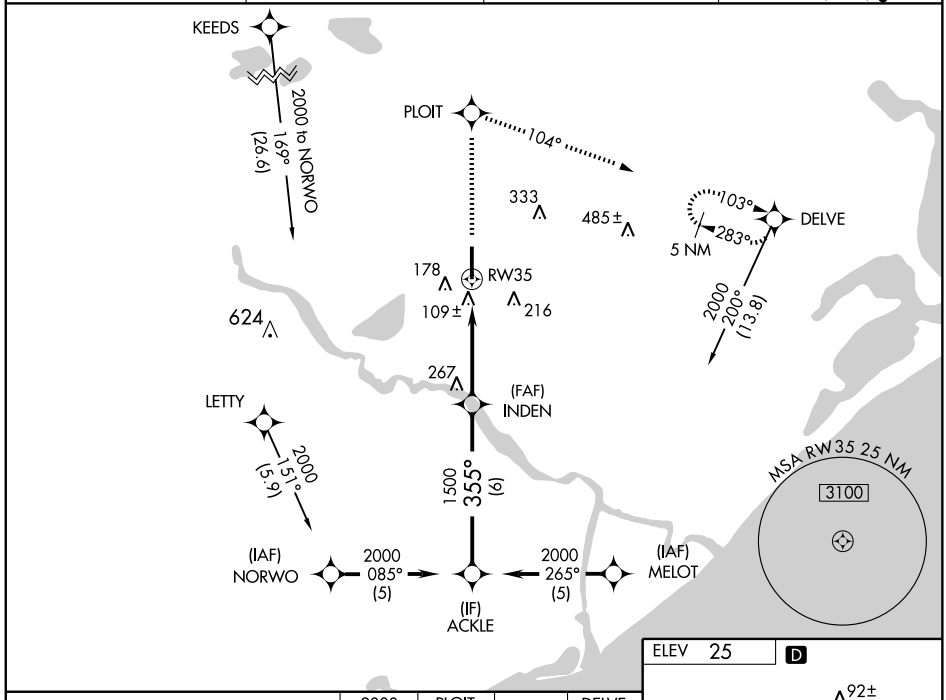
RNAV (GPS) RWY 35

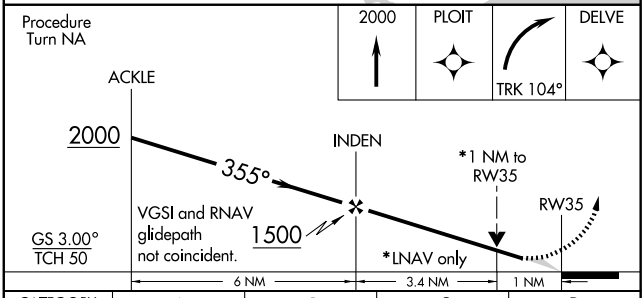
ANGLETON/BRAZORIA COUNTY (LBX)

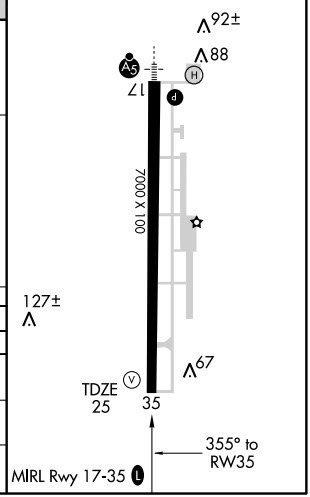
DME/DME RNP-0.3 NA. Baro-VNAV NA below -16°C (4°F). If local altimeter setting not received, use William P. Hobby altimeter setting and increase all DAs/MDAs 100 feet. Baro-VNAV and VDP NA when using William P. Hobby altimeter setting. Circling NA east of runway 17-35.

MISSED APPROACH: Climb to 2000 direct PLOIT and right turn via 104° track to DELVE and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
119.925	**134.45 284.0**	**125.2**	**123.0** (CTAF)

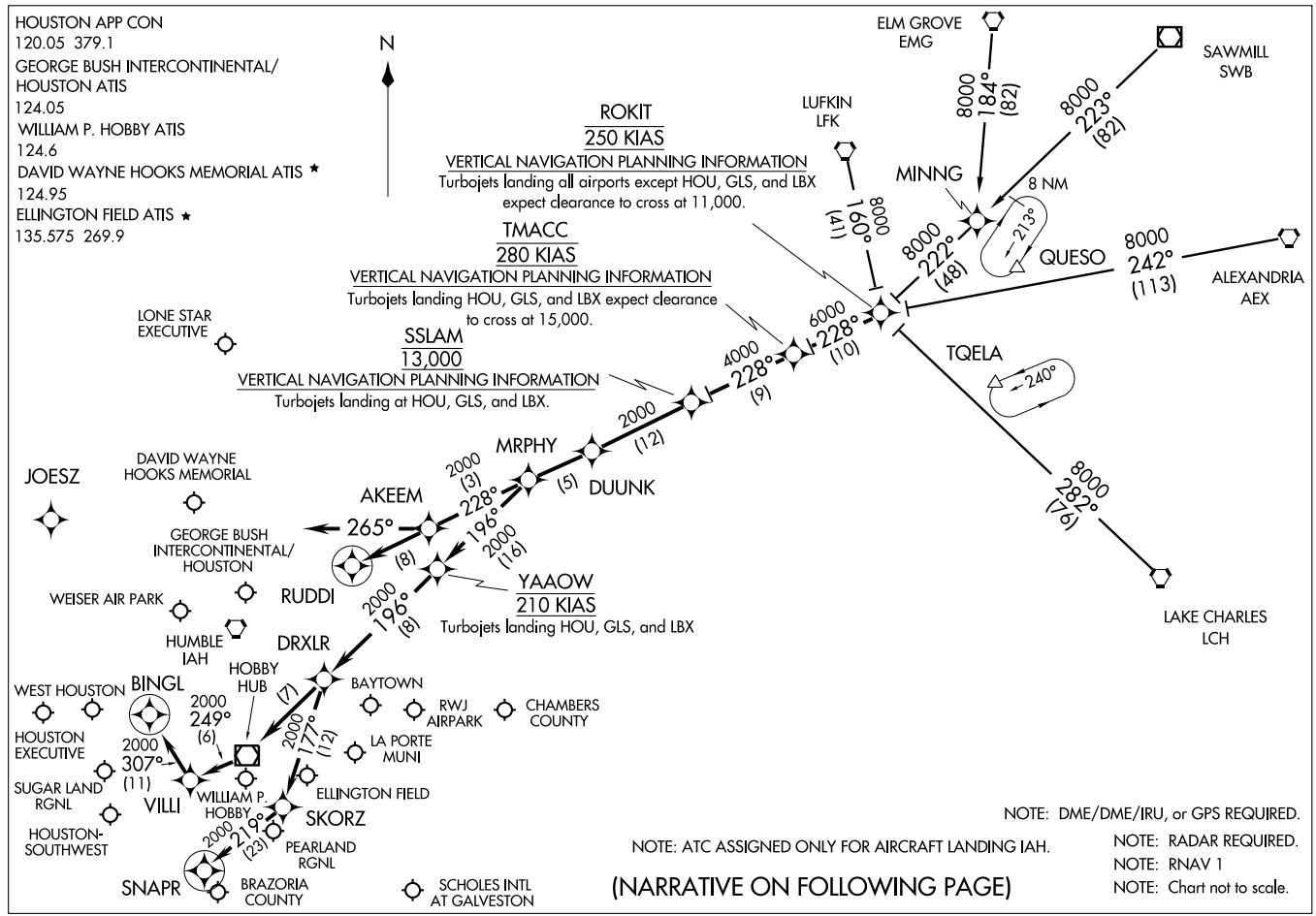






CATEGORY	A	B	C	D
LPV DA	275-¾	250 (300-¾)		
LNAV/VNAV DA	428-1½	403 (500-1½)		
LNAV MDA	420-1	395 (400-1)		420-1¼ 395 (400-1¼)
CIRCLING	480-1½	455 (500-1½)		580-2 555 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0

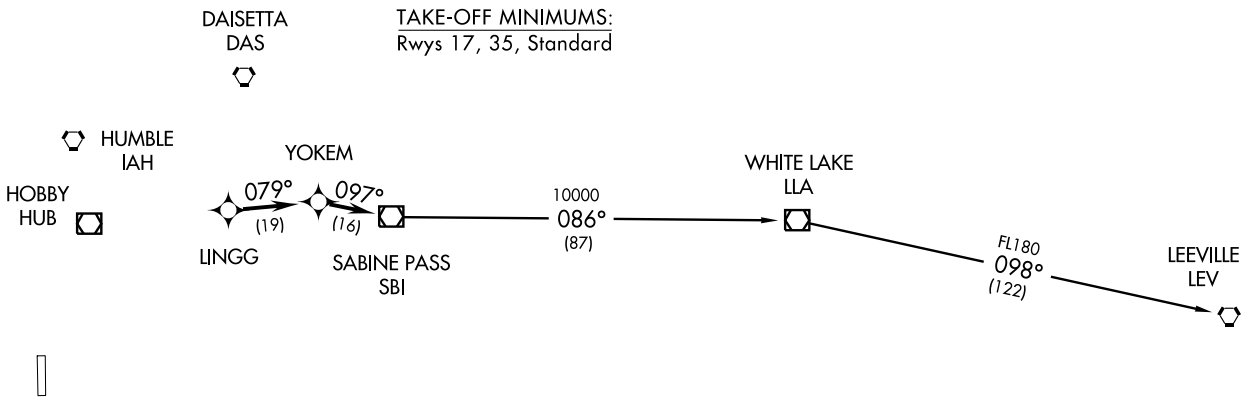
SABINE PASS ONE DEPARTURE (RNAV)

(SBI1.SBI) 09071

SL-6453 (FAA)

ANGLETON/BRAZORIA COUNTY (LBX)
ANGLETON/LAKE JACKSON, TEXAS

TAKE-OFF MINIMUMS:
Rwys 17, 35, Standard



DEPARTURE ROUTE DESCRIPTION

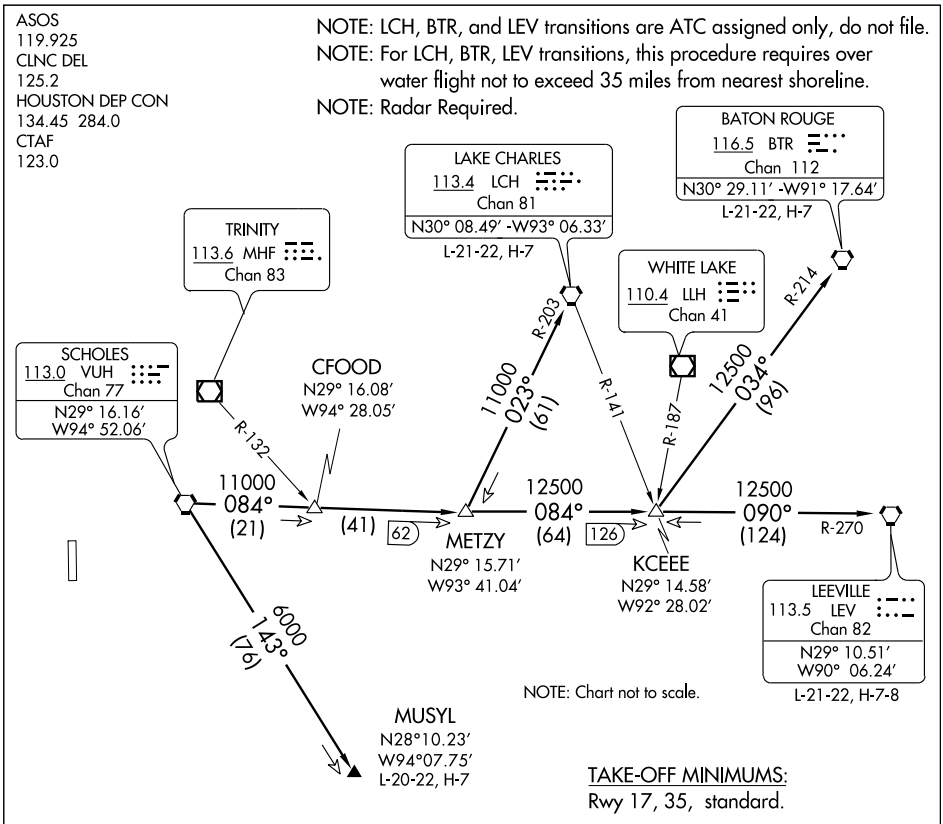
When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

NOTE: Chart not to scale.



TAKE-OFF OBSTACLES:
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/68' MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000', expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

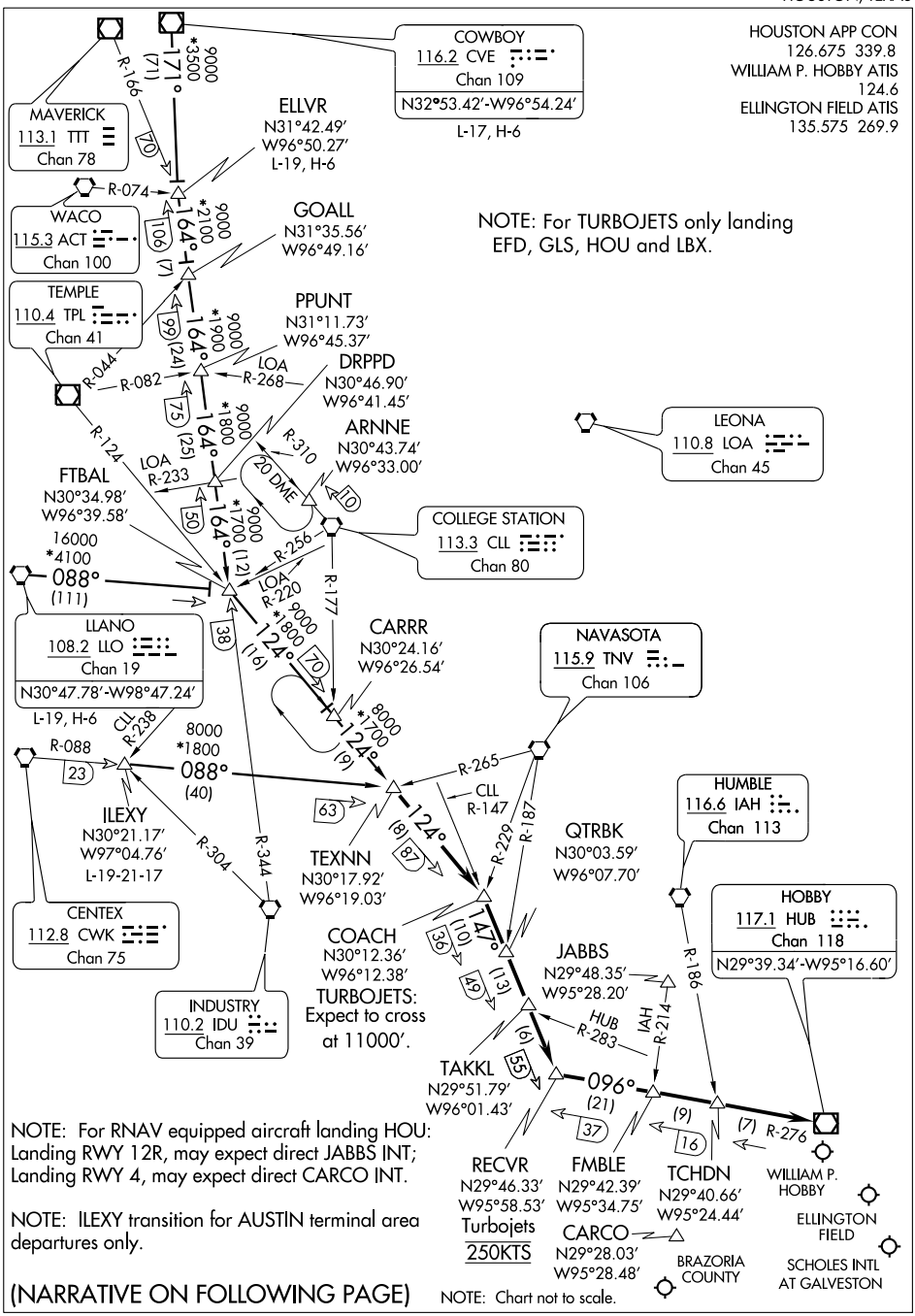
LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

WILLIAM P. HOBBY
HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

ARRIVAL DESCRIPTION

COWBOY TRANSITION (CVE.TEXNN4): From over CVE VOR/DME via CVE R-171 to ELLVR INT, then via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ELLVR TRANSITION (ELLVR.TEXNN4): From over ELLVR INT via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ILEXY TRANSITION (ILEXY.TEXNN4): From over ILEXY INT via CWK R-088 to TEXNN INT. Thence . . . .

LLANO TRANSITION (LLO.TEXNN4): From over LLO VORTAC via LLO R-088 to FTBAL INT, then via TPL R-124 to CARRR INT, then to TEXNN INT. Thence . . . .

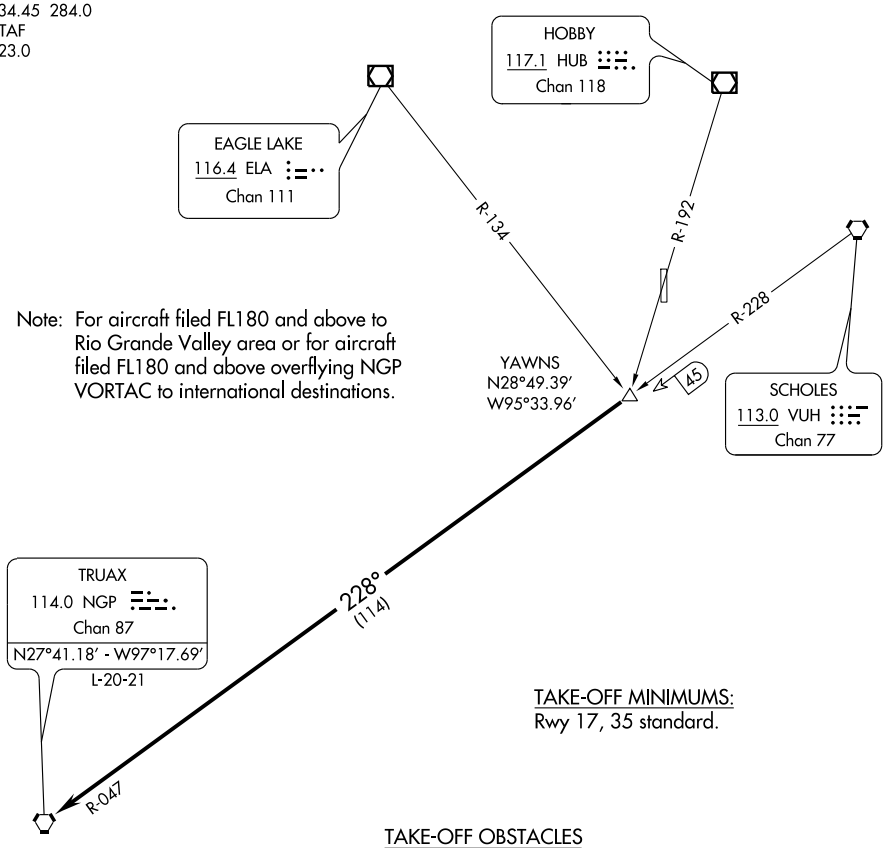
. . . . From over TEXNN INT via TPL R-124 to COACH INT/87 DME, then via CLL R-147 to RECVR INT/55 DME, then via HUB R-276 to TCHDN INT, then via HUB R-276 to HUB VOR. Expect vectors to final approach course at or prior to TCHDN INT.

. . . . LANDING RWY 22: Expect vectors to final approach course at or prior to HUB VOR.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE

ASOS
119.925
CLNC DEL
125.2
HOUSTON DEP CON
134.45 284.0
CTAF
123.0



Note: For aircraft filed FL180 and above to Rio Grande Valley area or for aircraft filed FL180 and above overflying NGP VORTAC to international destinations.

TAKE-OFF MINIMUMS:
Rwy 17, 35 standard.

TAKE-OFF OBSTACLES
Rwy 35, Tree 1510' from DER, 721' left of centerline, 48' AGL/ 68' MSL.

NOTE: Chart not to scale.

NOTE: Radar Required.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to YAWNS INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence. . . .

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.

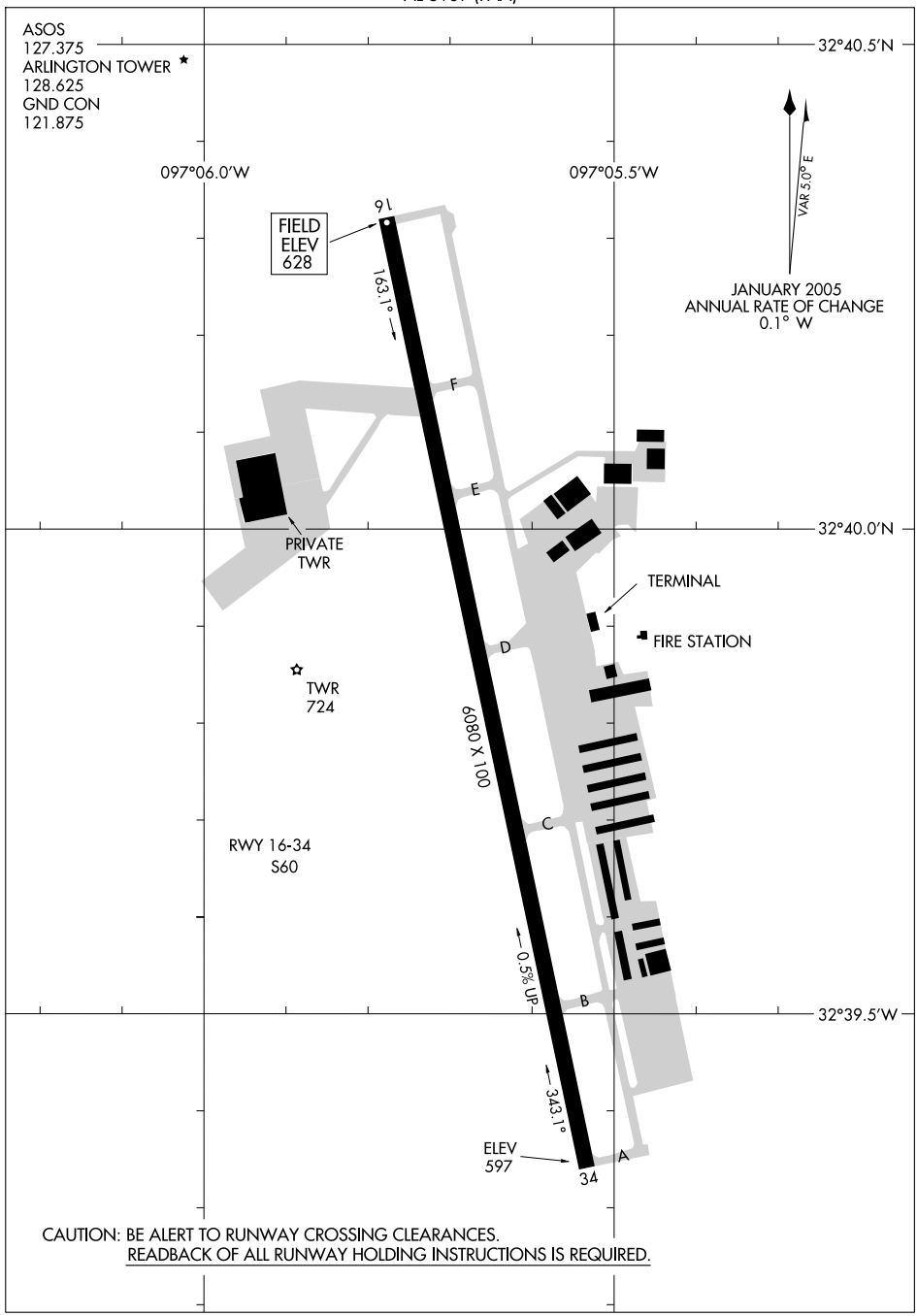
09239

AIRPORT DIAGRAM

AL-5189 (FAA)

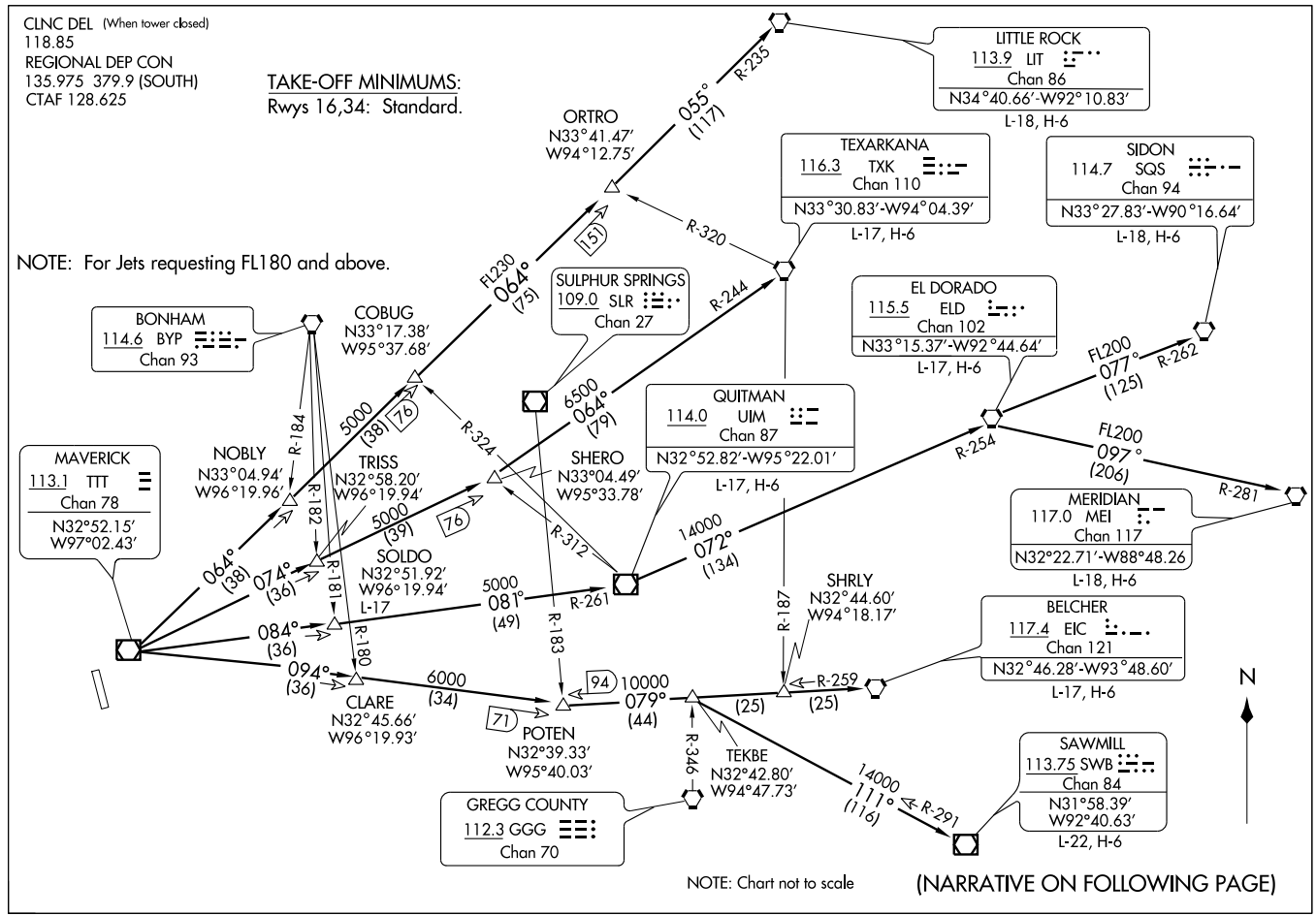
ARLINGTON MUNI (GKY)

ARLINGTON, TEXAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-2, 17 DEC 2009 to 14 JAN 2010



(DAL9.TTT) 09351

DALLAS NINE DEPARTURE

SL-5189 (FAA)

ARLINGTON MUNI (GKY)

ARLINGTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

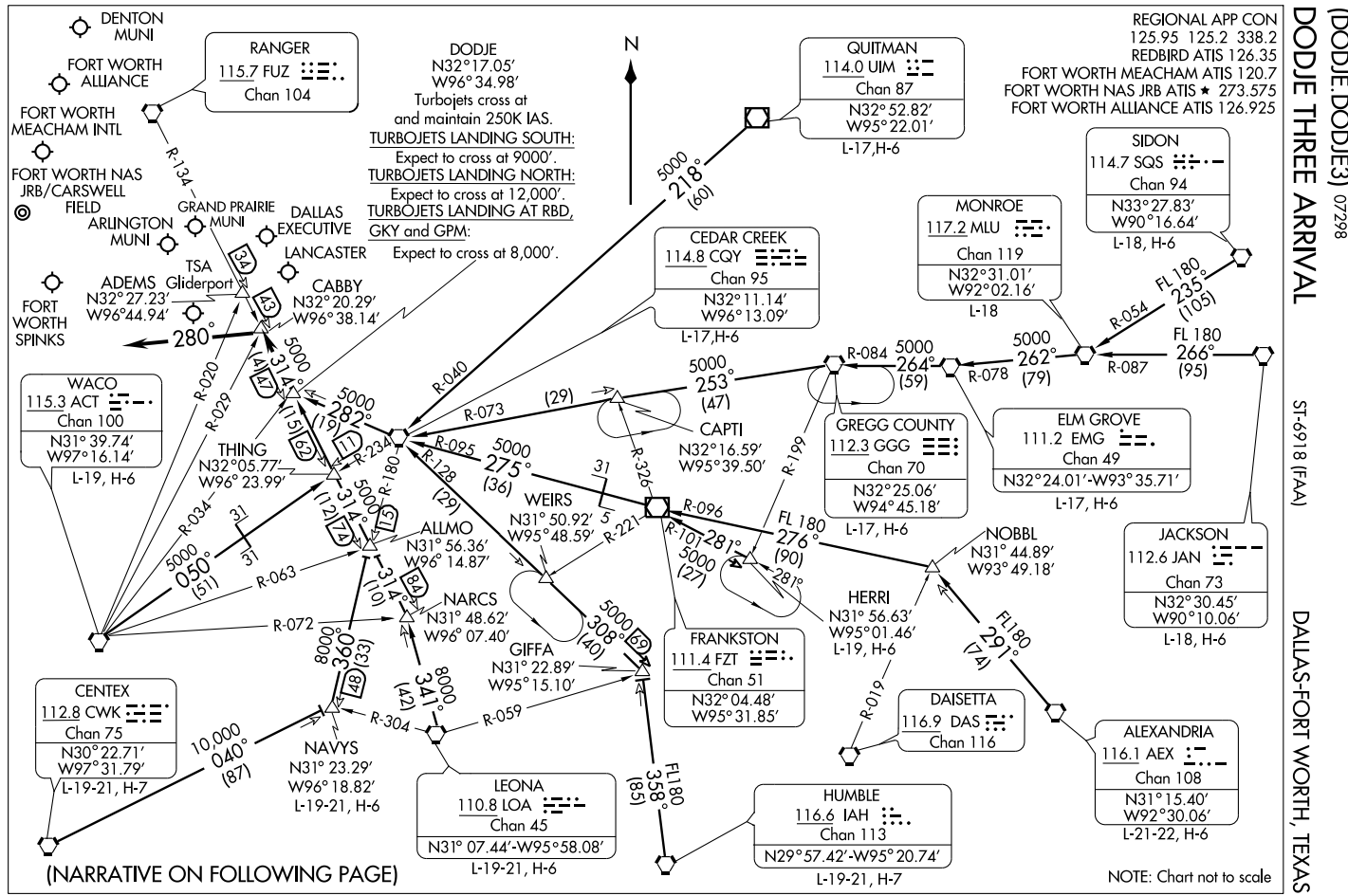
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

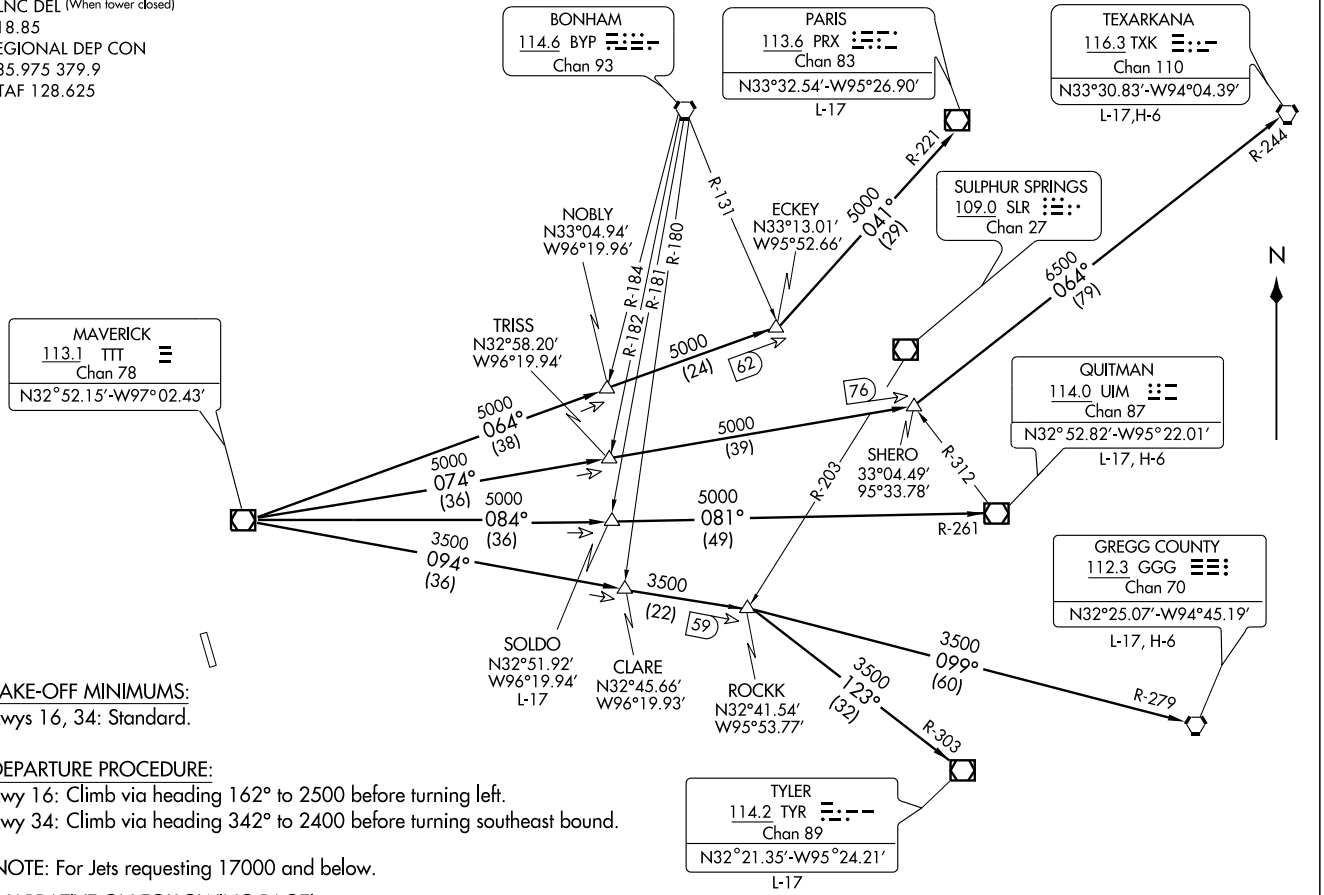
SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

CLNC DEL (When tower closed)
118.85
REGIONAL DEP CON
135.975 379.9
CTAF 128.625



TAKE-OFF MINIMUMS:
Rwys 16, 34: Standard.

DEPARTURE PROCEDURE:
Rwy 16: Climb via heading 162° to 2500 before turning left.
Rwy 34: Climb via heading 342° to 2400 before turning southeast bound.

NOTE: For Jets requesting 17000 and below.
(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

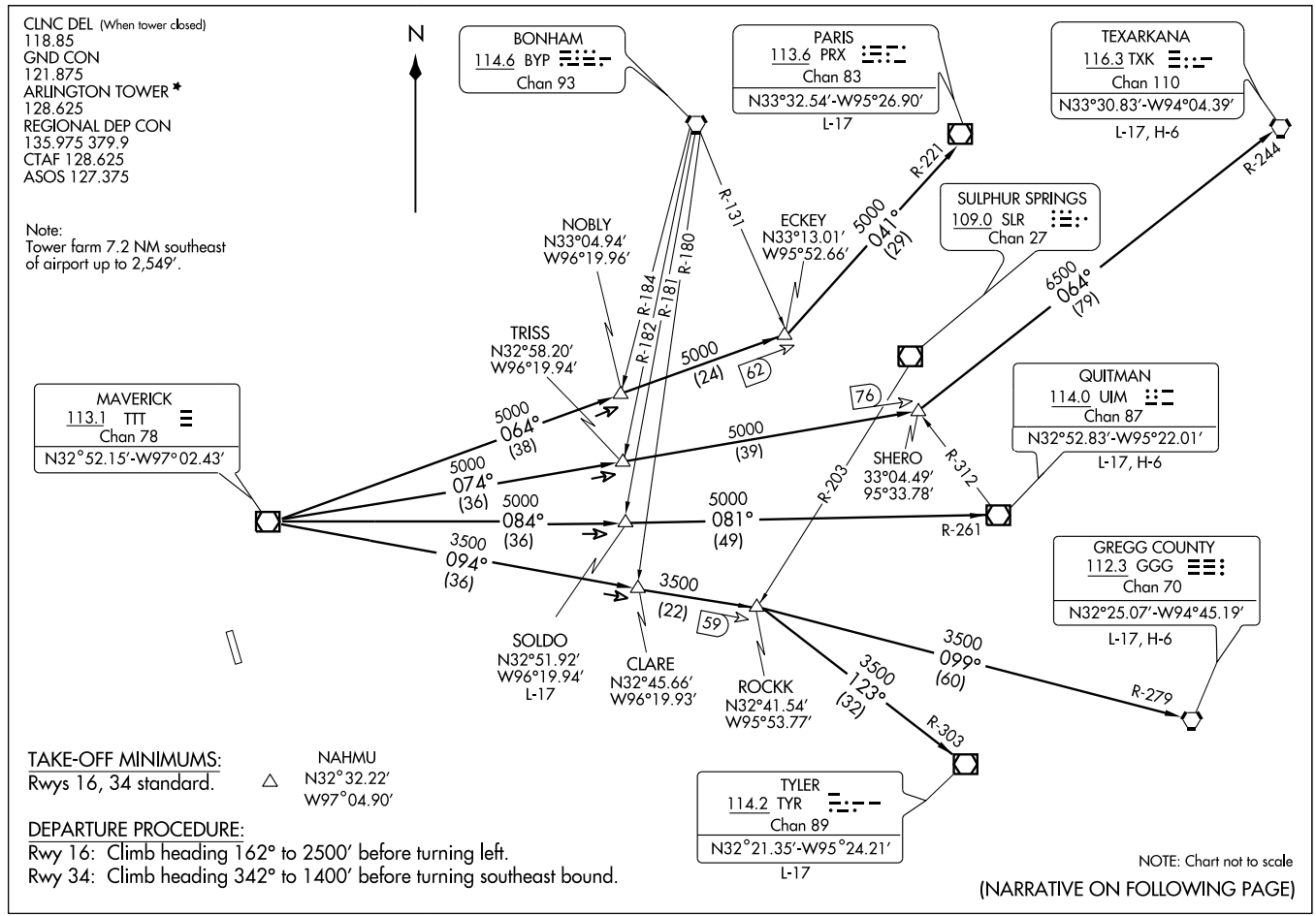
LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

SI-5189 (FAA)

ARLINGTON MUNI (GKY)
ARLINGTON, TEXAS



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 16:
Multiple REILS beginning 77′ from departure end of runway, 127′ right of centerline, 7′ AGL/601′ MSL. Multiple REILS beginning 74′ from departure end of runway, 126′ left of centerline, 7′ AGL/603′ MSL. Tree 590′ from departure end of runway, 480′ right of centerline, 16′ AGL/614′ MSL.
Rwy 34:
Tree 1,083′ from departure end of runway, 710′ right of centerline, 35′ AGL/670′ MSL. Tree 705′ from departure end of runway, 403′ left of centerline, 38′ AGL/654′ MSL′. Tree 231′ from departure end of runway, 464′ left of centerline, 35′ AGL/642′ MSL. Multiple trees beginning 1.093′ from departure end of runway, 415′ right of centerline, up to 39′ AGL/663′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-GKY	APP CRS	Rwy Idg 6080
111.55	342°	TDZE 620
Chan 52(Y)		Apt Elev 628

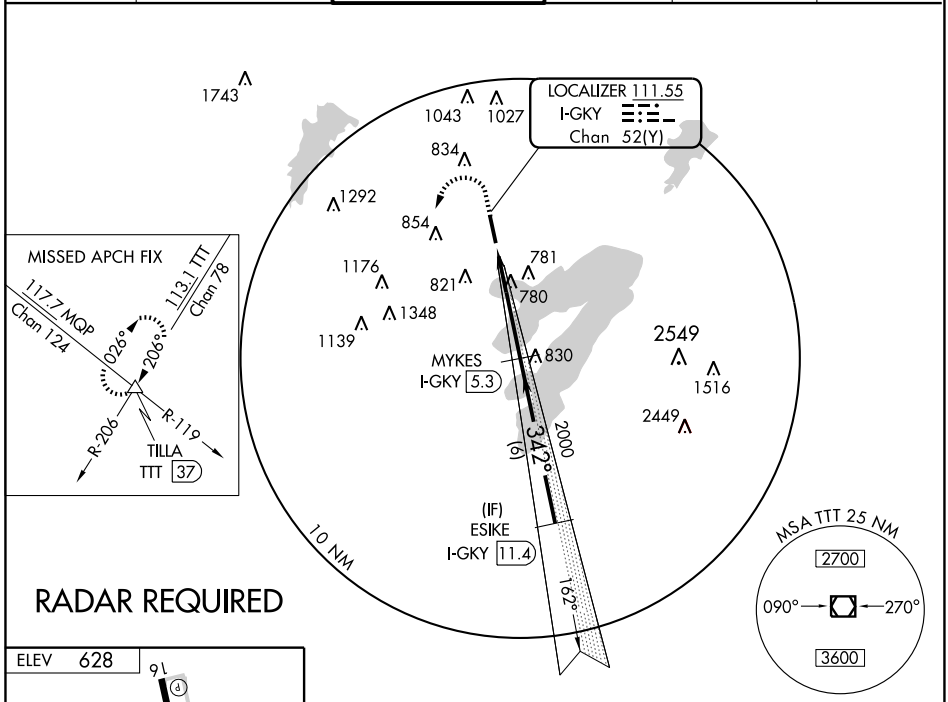
ILS or LOC/DME RWY 34

ARLINGTON MUNI (GKY)

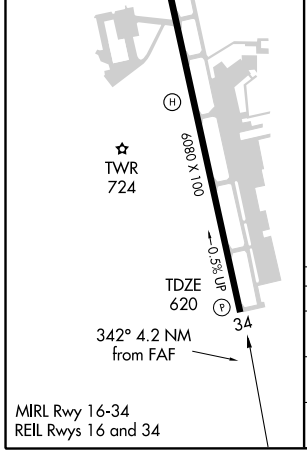
If local altimeter setting not received, use Grand Prairie Muni altimeter setting.

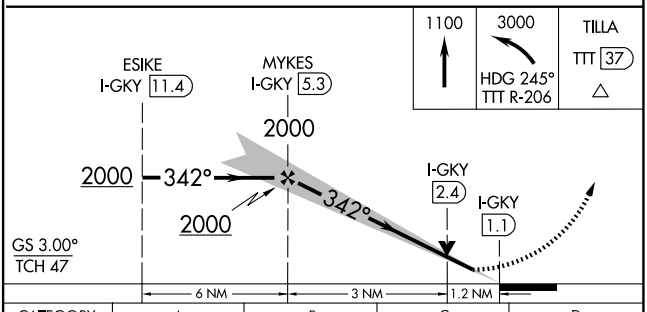
MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 via heading 245° and TTT VOR/DME R-206 to TILLA Int/37 DME and hold.

ASOS	REGIONAL APP CON	ARLINGTON TOWER★	GND CON	CLNC DEL	CTAF
127.375	135.975 379.9	128.625	121.875	118.85 (When tower closed)	128.625 L



RADAR REQUIRED





CATEGORY	A	B	C	D
S-ILS 34	820-¾ 200 (200-¾)			NA
S-LOC 34	1040-1 420 (500-1)		1040-1¼ 420 (500-1¼)	NA
CIRCLING	1080-1 452 (500-1)		1080-1½ 452 (500-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-5189 (FAA)

ARLINGTON MUNI (GKY)
ARLINGTON, TEXAS

CLNC DEL (When tower closed)
118.85
GND CON
121.875
ARLINGTON TOWER ★
128.625
REGIONAL DEP CON
135.975 379.9
CTAF 128.625
ASOS 127.375

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

TAKE-OFF MINIMUMS:
Rwys 16, 34 standard.

DEPARTURE PROCEDURE:
Rwy 16: Climb via heading 162° to 2500 before turning left.
Rwy 34: Climb via heading 342° to 1400 before turning southeast bound.

186° (36)
156° (37)
166° (35)
176° (35)
V369
TSA Gliderport

NELYN
N32°17.10'
W97°11.15'

DARTZ
N32°17.07'
W96°48.93'

CEDAR CREEK
114.8 CQY
Chan 95

R-072
R-074
R-273
R-275

JASPA
N32°17.10'
W97°03.54'
L-17

ARDIA
N32°17.10'
W96°56.27'
L-17

156° (25)
62

BRDEN
N31°53.06'
W96°39.80'

GLEN ROSE
115.0 JEN
Chan 97

4000
177° (38)
7000 (35)
8000 (45)
70
6000 (23)

TORNN
N31°31.22'
W96°30.88'
H-6

ELLVR
N31°42.49'
W96°50.27'
L-19, H-6

TNV
R-334
85
154°
11 NM

WACO
115.3 ACT
Chan 100
N31°39.74'-W97°16.14'
L-19, H-6

R-357
R-074
R-093
R-120
80

LEONA
110.8 LOA
Chan 45

6000
156° (22)
187

R-268

WINDU
N31°31.83'
W97°04.95'
L-19, H-6

12000
193° (70)
7000
154° (69)

BILEE
N31°09.75'
W96°23.31'
L-19-21, H-6

R-334

COLLEGE STATION
113.3 CLL
Chan 80
N30°36.30'-W96°25.24'
L-19-21,H-7

HOARY
N30°34.63'
W97°46.52'
L-19-21, H-7

R-012
R-307

NAVASOTA
115.9 TNV
Chan 106

CENTEX
112.8 CWK
Chan 75

12000
204° (66)

SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64'
W98°27.68'
L-19,H-7

R-024

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

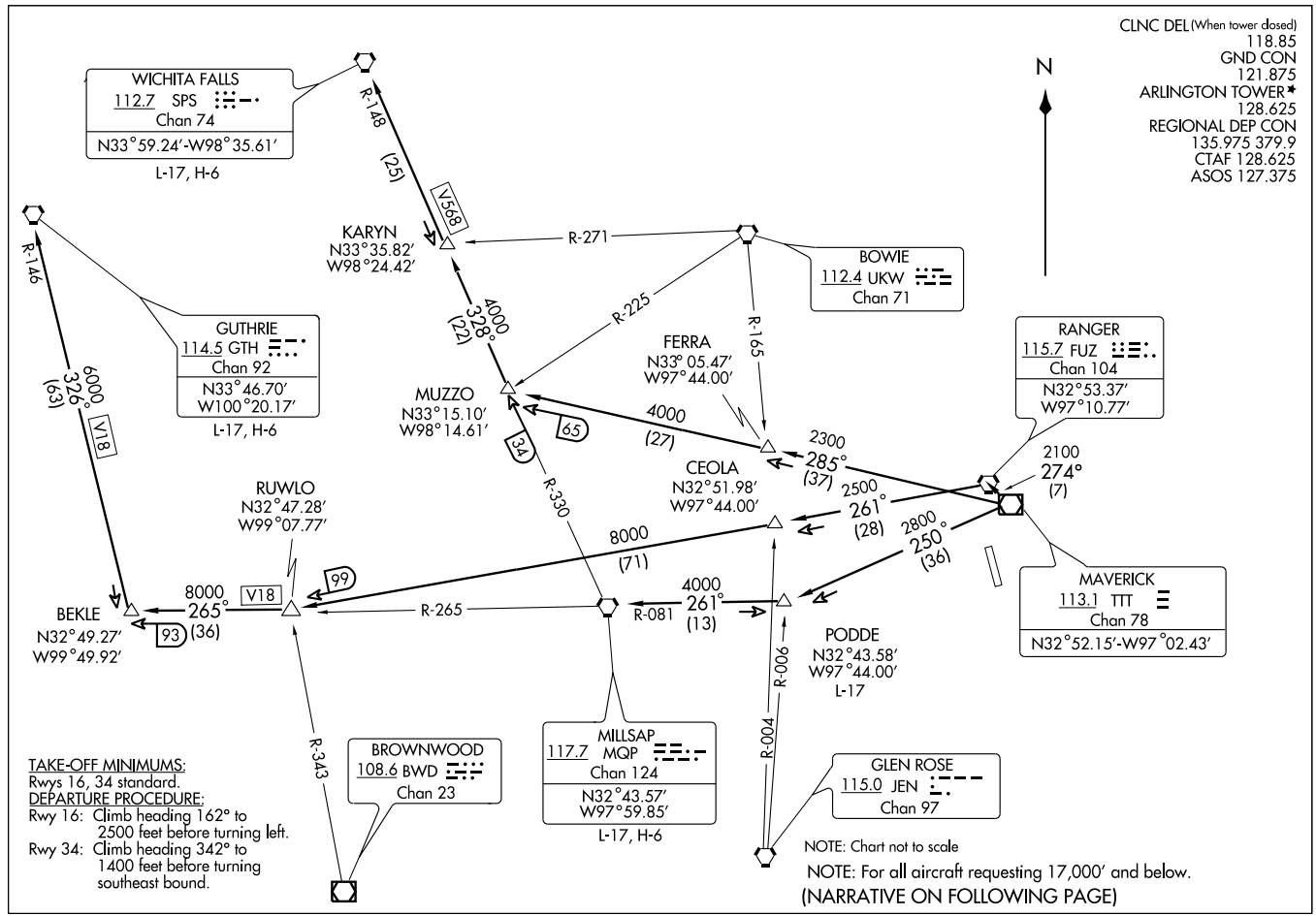
TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-5189 (FAA)



TAKE-OFF MINIMUMS:
Rwys 16, 34 standard.

DEPARTURE PROCEDURE:
Rwy 16: Climb heading 162° to 2500 feet before turning left.
Rwy 34: Climb heading 342° to 1400 feet before turning southeast bound.

KINGDOM SEVEN DEPARTURE SL-5189 (FAA)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.

MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.

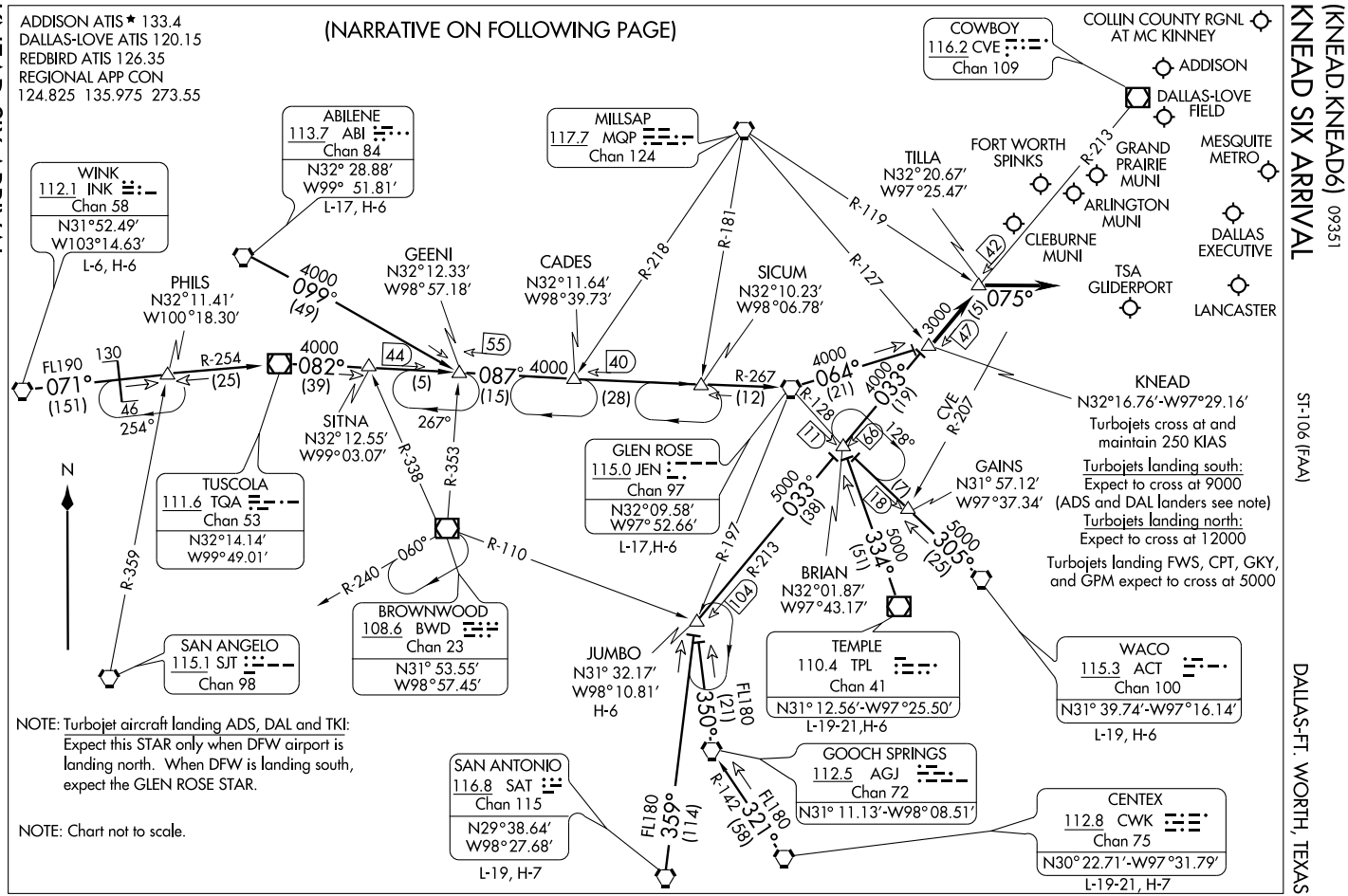
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF OBSTACLES:

Note: Rwy 16, Multiple REILS beginning 77′ from DER, 127′ right of centerline, 7′ AGL/601′ MSL. Multiple REILS beginning 74′ from DER, 126′ left of centerline, 7′ AGL/603′ MSL. Tree 590′ from DER, 480′ right of centerline, 16′ AGL/614′ MSL.

Note: Rwy 34, Tree 1,083′ from DER, 710′ right of centerline, 35′ AGL/670′ MSL. Tree 705′ from DER, 403′ left of centerline, 38′ AGL/654′ MSL. Tree 231′ from DER, 464′ left of centerline, 35′ AGL/642′ MSL. Multiple trees beginning 1093′ from DER, 415′ right of centerline, up to 39′ AGL/663′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

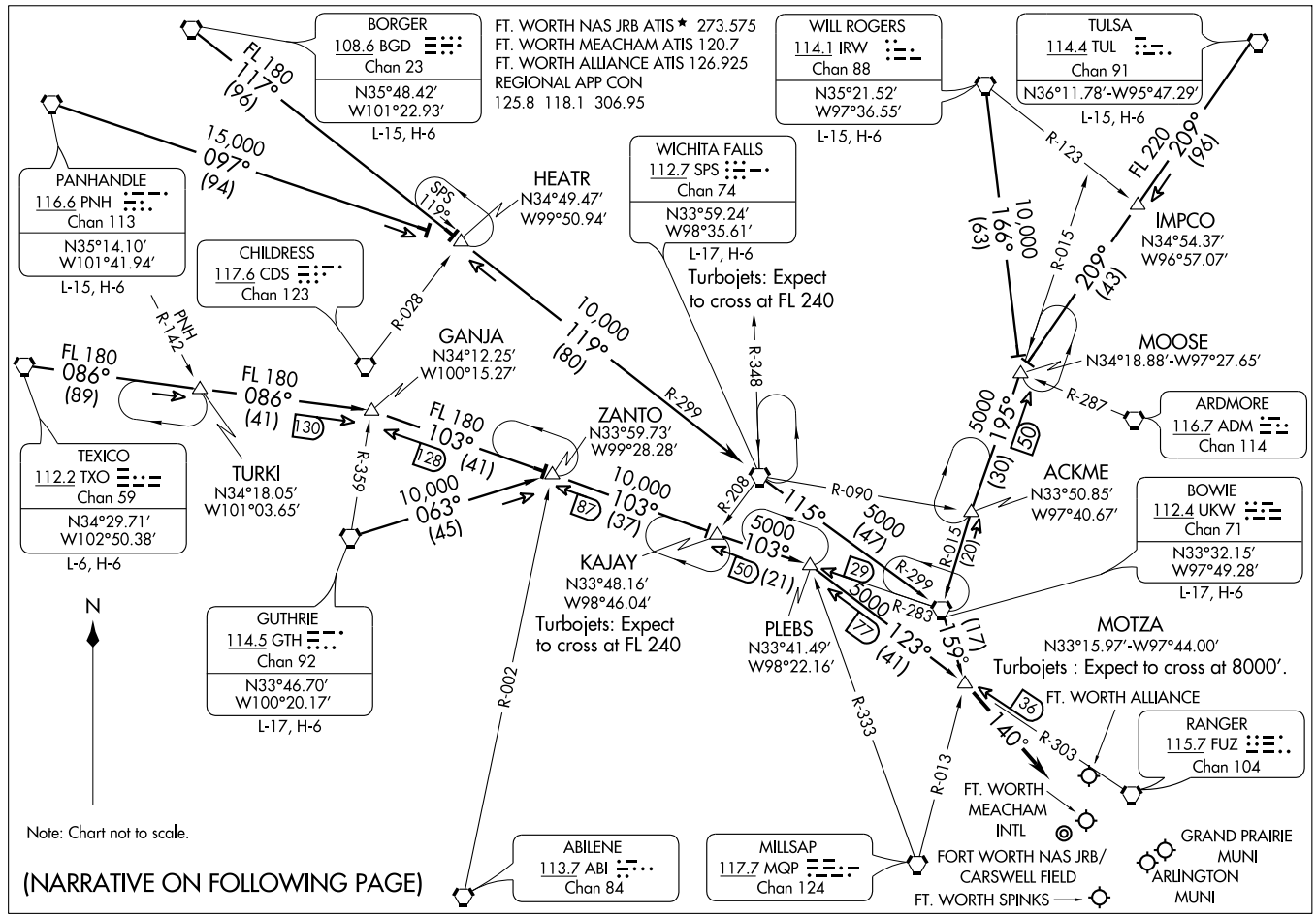
TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

ARLINGTON, TEXAS

AL-5189 (FAA)

RNAV (GPS) RWY 34

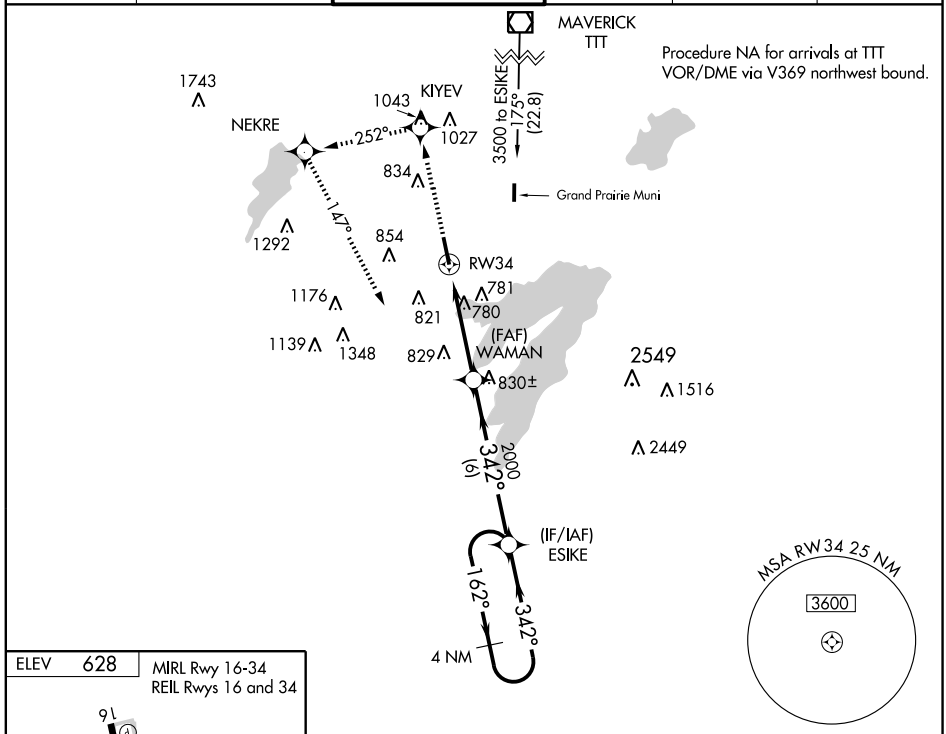
ARLINGTON MUNI (GKY)

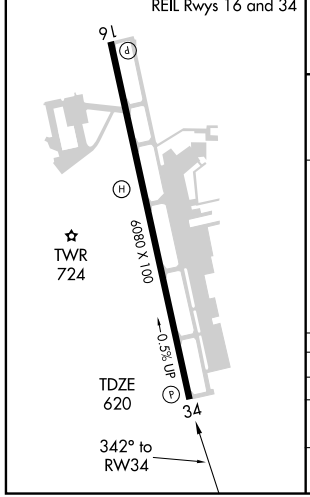
WAAS	APP CRS	Rwy Idg	6080
CH 56227	342°	TDZE	620
W34A		Apt Elev	628

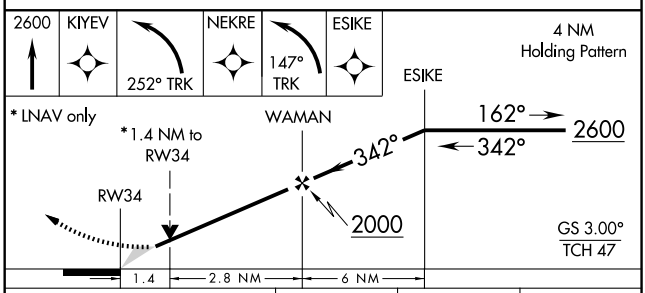
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Grand Prairie Muni altimeter setting.

MISSED APPROACH: Climb to 2600 direct KIYEV and left turn via 252° track to NEKRE and left turn via 147° track to ESIKE and hold.

ASOS	REGIONAL APP CON	ARLINGTON TOWER ★	GND CON	CLNC DEL	CTAF
127.375	135.975 379.9	128.625	121.875	118.85 (When tower closed)	128.625 L

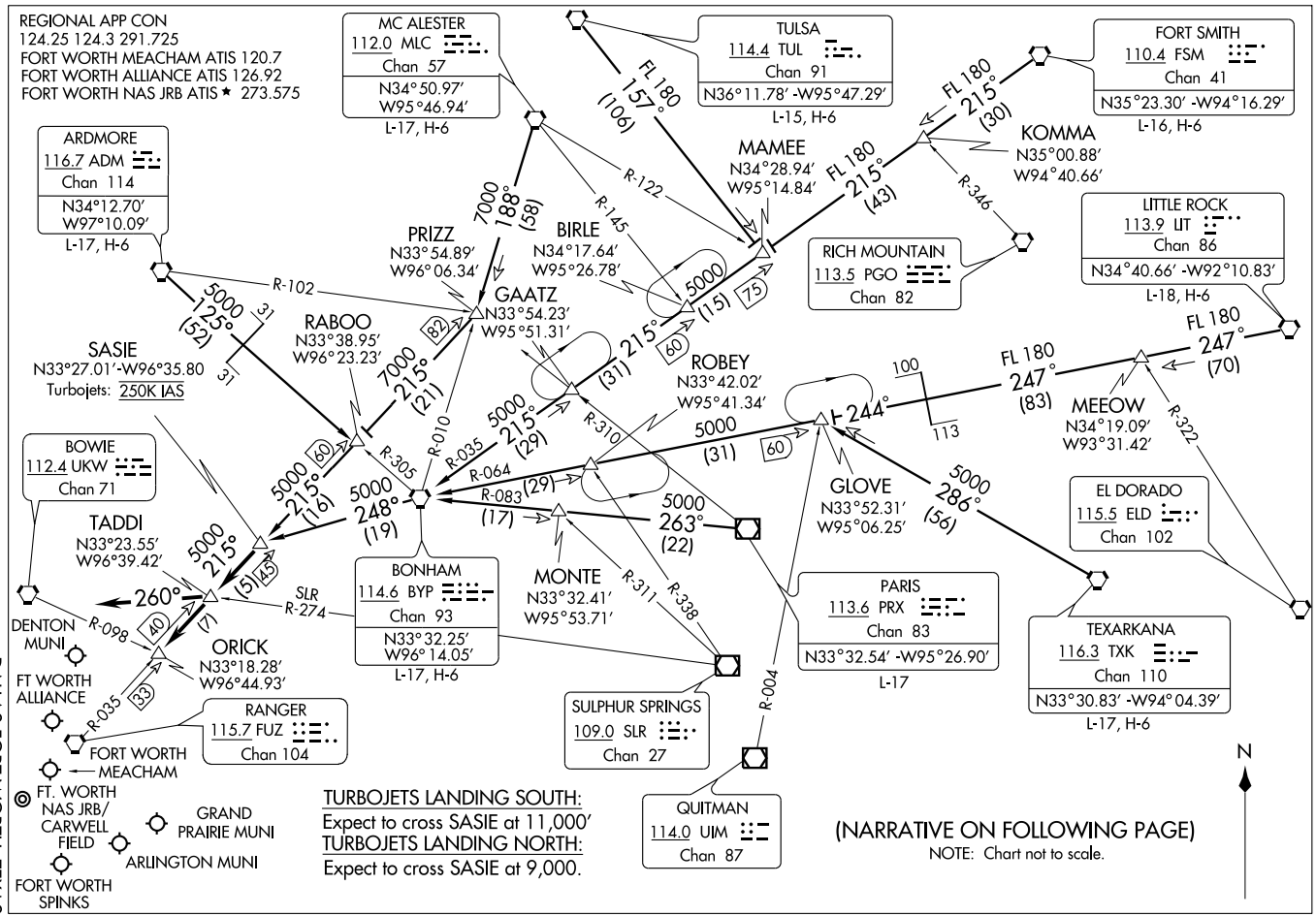






CATEGORY	A	B	C	D
LPV DA	957-1¼ 337 (400-1¼)			NA
LNAV MDA	1080-1 460 (500-1)		1080-1¼ 460 (500-1¼)	NA
CIRCLING	1100-1 472 (500-1)		1100-1½ 472 (500-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

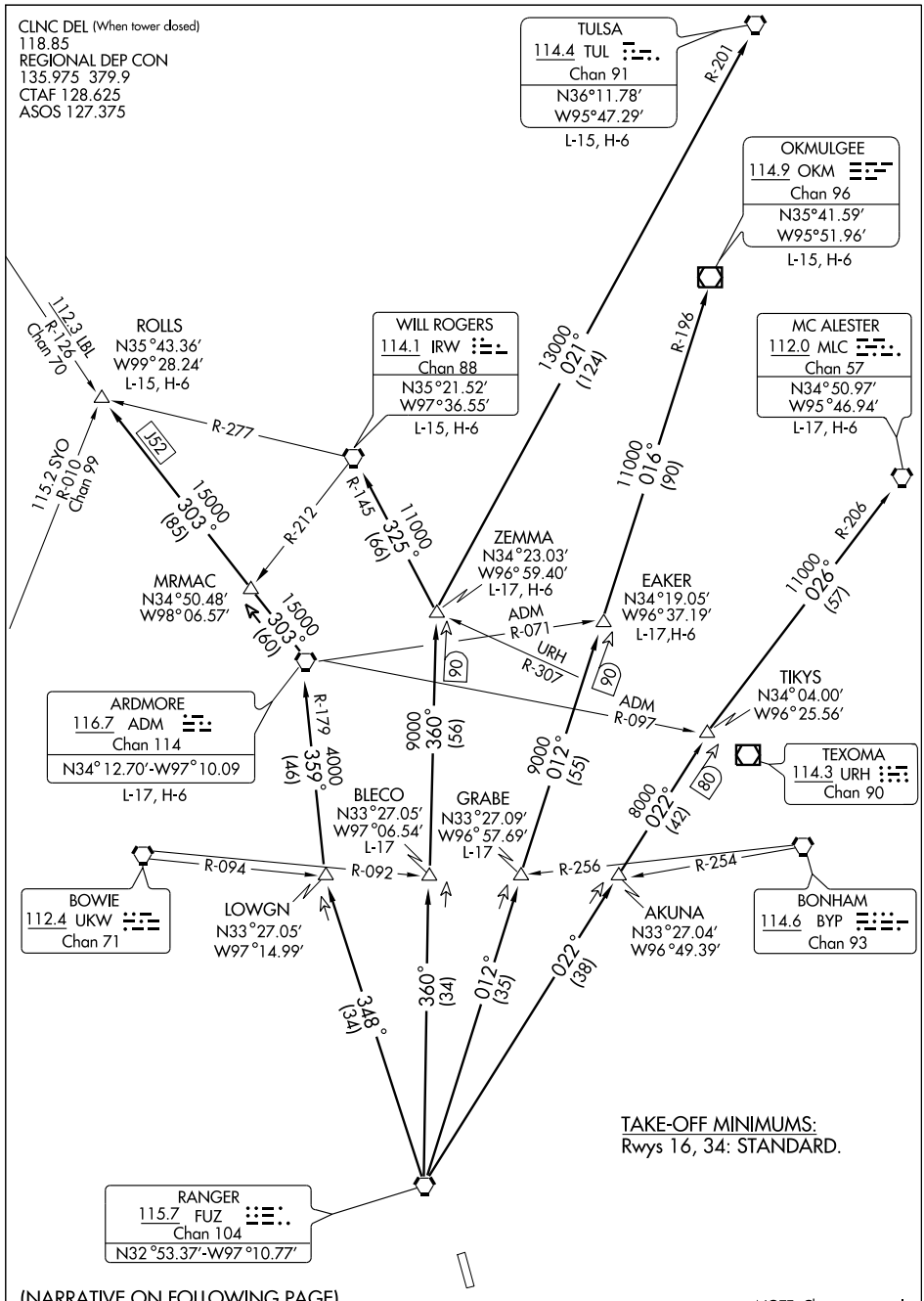
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-5189 (FAA)

ARLINGTON MUNI (GKY)

ARLINGTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

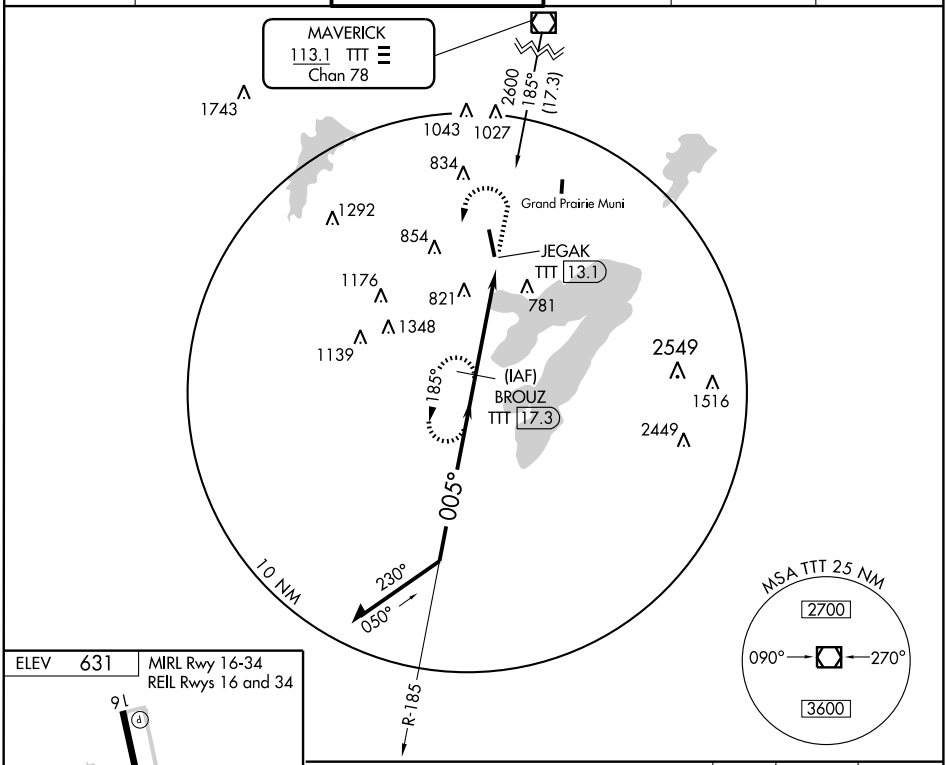
VOR/DME TTT	APP CRS	Rwy Idg	6080
113.1	005°	TDZE	619
Chan 78		Apt Elev	631

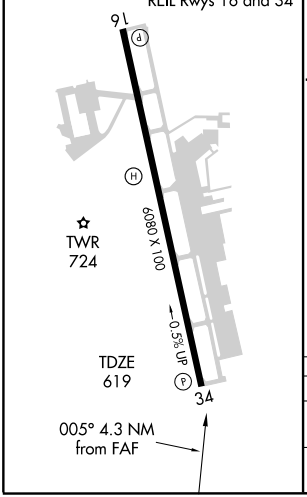
VOR/DME RWY 34
ARLINGTON MUNI (GKY)

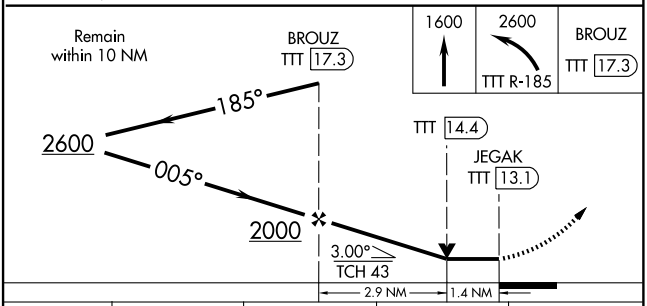
If local altimeter setting not received, use Grand Prairie Muni altimeter setting.

MISSED APPROACH: Climb to 1600 then climbing left turn to 2600 via TTT R-185 to BROUZ/17.3 DME and hold.

ASOS	REGIONAL APP CON	ARLINGTON TOWER★	GND CON	CLNC DEL	CTAF
127.375	135.975 379.9	128.625	121.875	118.85 (When tower closed)	128.625 L







CATEGORY	A	B	C	D
S-34	1080-1 461 (500-1)		1080-1¼ 461 (500-1¼)	NA
CIRCLING	1080-1 449 (500-1)	1100-1 469 (500-1)	1100-1½ 469 (500-1½)	NA

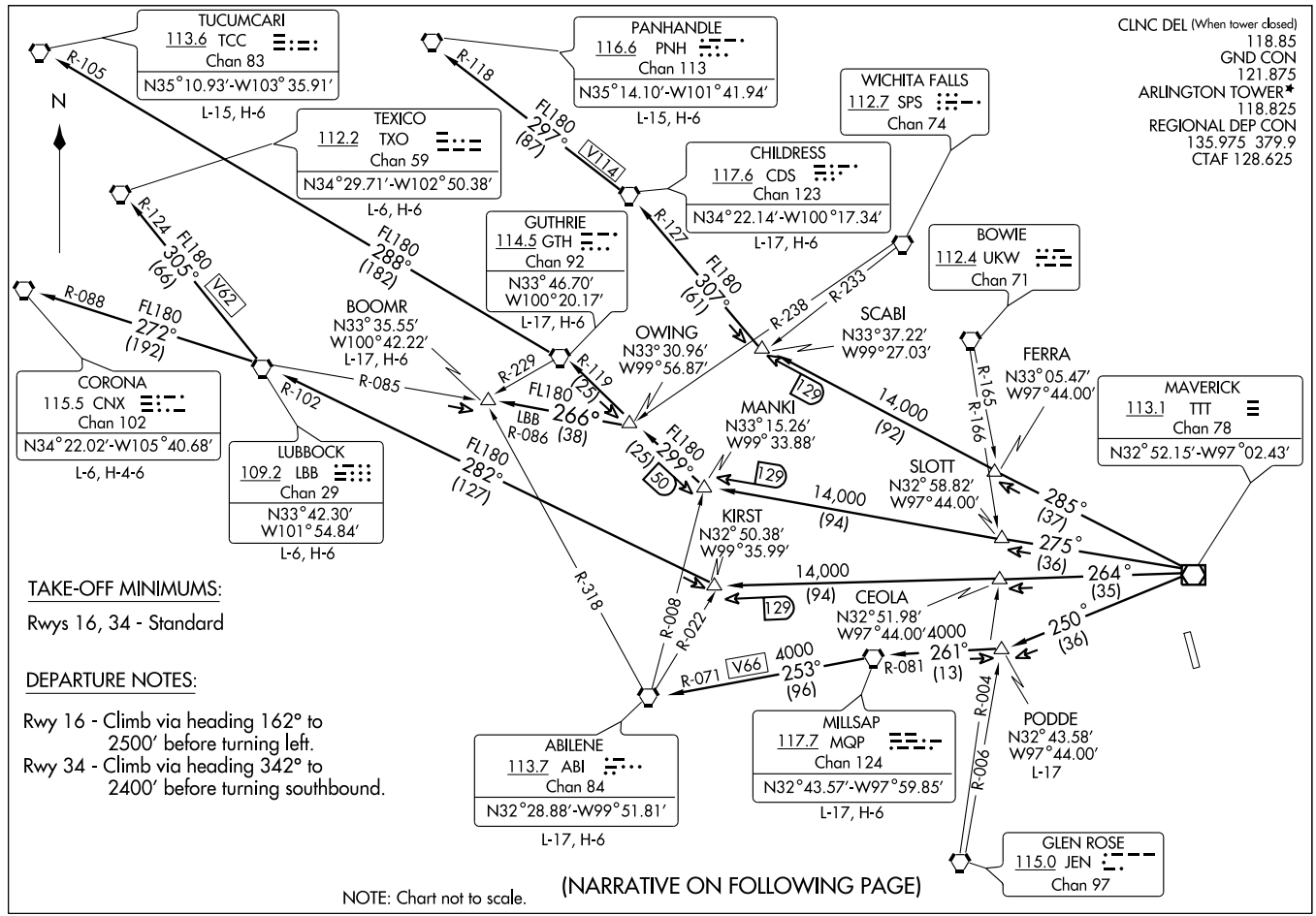
SC-2, 17 DEC 2009 to 14 JAN 2010

WORTH FIVE DEPARTURE

ARLINGTON MUNI (GKY)

ARLINGTON, TEXAS

CLNC DEL (When tower closed) 118.85
GND CON 121.875
ARLINGTON TOWER* 118.825
REGIONAL DEP CON 135.975 379.9
CTAF 128.625



TAKE-OFF MINIMUMS:

Rwys 16, 34 - Standard

DEPARTURE NOTES:

Rwy 16 - Climb via heading 162° to 2500′ before turning left.
Rwy 34 - Climb via heading 342° to 2400′ before turning southbound.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

CLNC DEL (When tower closed)
118.85
GND CON
121.875
ARLINGTON TOWER ★
128.625
REGIONAL DEP CON
135.975 379.9 (SOUTH)
CTAF 128.625

NOTE: Tower farm 7.2 NM southeast of airport up to 2549′ MSL.

TAKE-OFF MINIMUMS:
Rwys 16,34: Standard.

DEPARTURE PROCEDURE:
Rwy 16: Climb via heading 162° to 2500 before turning left.
Rwy 34: Climb via heading 342° to 1400 before turning southeast bound.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.40′
L-17, H-6

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

QUITMAN
114.0 UIM
Chan 87
N32°52.83′-W95°22.01′
L-17, H-6

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26′
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

SAWMILL
113.75 SWB
Chan 84 (Y)
N31°58.39′-W92°40.63′
L-22, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

BONHAM
114.6 BYP
Chan 93

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

GREGG COUNTY
112.3 GGG
Chan 70

ORTRO
N33°41.47′
W94°12.75′

COBUG
N33°17.38′
W95°37.68′

SHERO
N33°04.49′
W95°33.78′

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SOLDO
N32°51.92′
W96°19.94′
L-17

SHRLY
N32°44.60′
W94°18.17′

CLARE
N32°45.66′
W96°19.93′

POTEN
N32°39.33′
W95°40.03′

TEKBE
N32°42.80′
W94°47.73′

FL230 055° (117) R-235
R-320
(151)
FL230 (75)
6500 064° (79) R-244
R-187
5000 (38) (76) R-324
R-184
R-182
R-181
5000 064° (38)
5000 074° (36)
5000 084° (36)
5000 094° (36)
5000 (39) (76)
R-312
14,000 072° (134) R-254
FL200 077° (125) R-262
FL200 097° (206) R-281
5000 081° (49) R-261
R-180
5000 (34) (71)
R-183
94 9000 079° (44)
50 (25) (25) R-259
14,000 111° (116)
R-346
R-291

NOTE: For Props requesting FL240 and above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

N

(WYLIE5.TTT) 07298
WYLIE FIVE DEPARTURE
SL-5189 (FAA)
ARLINGTON MUNI (GKY)
ARLINGTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitiude to appropriate route.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.
TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

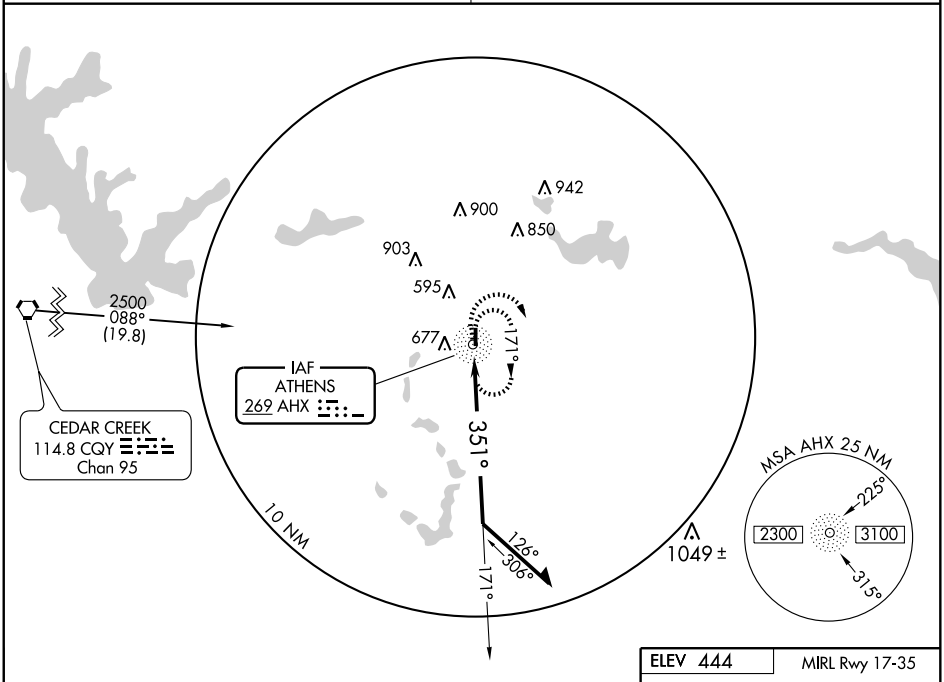
TAKE-OFF OBSTACLES:
Rwy 16, multiple Reils beginning 77' from departure end of runway, 127' right of centerline, 7' AGL/601' MSL. Multiple Reils beginning 74' from departure end of runway, 126' left of centerline, 7' AGL/603' MSL. Tree 590' from departure end of runway, 480' right of centerline, 16' AGL/614' MSL.
Rwy 34, tree 1083' from departure end of runway, 710' right of centerline, 35' AGL/670' MSL. Tree 705' from departure end of runway, 403' left of centerline, 38' AGL/654' MSL. Tree 231' from departure end of runway, 464' left of centerline, 35' AGL/642' MSL. Multiple trees 1093' from departure end of runway, 415' to 576' right of centerline, up to 39' AGL/663' MSL.

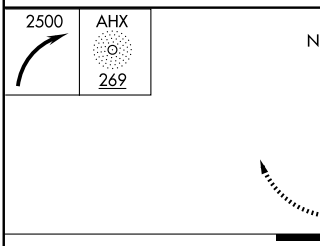
SC-2, 17 DEC 2009 to 14 JAN 2010

NDB AHX 269	APP CRS 351°	Rwy Idg 3988 TDZE 444 Apt Elev 444

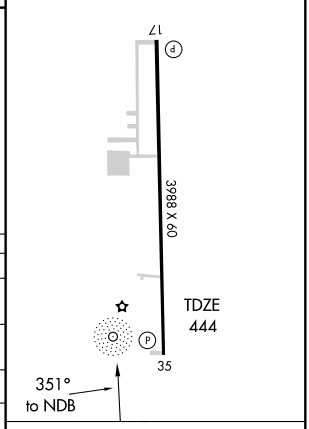
NDB RWY 35
ATHENS MUNI (F44)

⚠ NA — Use Tyler Pounds altimeter setting. If not received, use East Texas Rgnl altimeter setting. When neither received, procedure not authorized.	MISSED APPROACH: Climbing right turn to 2500 in AHX NDB holding pattern.
FORT WORTH CENTER **135.25 265.1**	UNICOM **123.0** (CTAF)





CATEGORY	A	B	C	D
S-35	1140-1 696 (700-1)		1140-2 696 (700-2)	NA
CIRCLING	1140-1 696 (700-1)		1140-2 696 (700-2)	NA
EAST TEXAS RGNL ALTIMETER SETTING MINIMUMS				
S-35	1200-1 756 (800-1)	1200-1¼ 756 (800-1¼)	1200-2¼ 756 (800-2¼)	NA
CIRCLING	1200-1 756 (800-1)	1200-1¼ 756 (800-1¼)	1200-2¼ 756 (800-2¼)	NA



Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB ATA	APP CRS		
347	053°	Rwy Idg	3800
		TDZE	280
		Apt Elev	280

NDB RWY 5

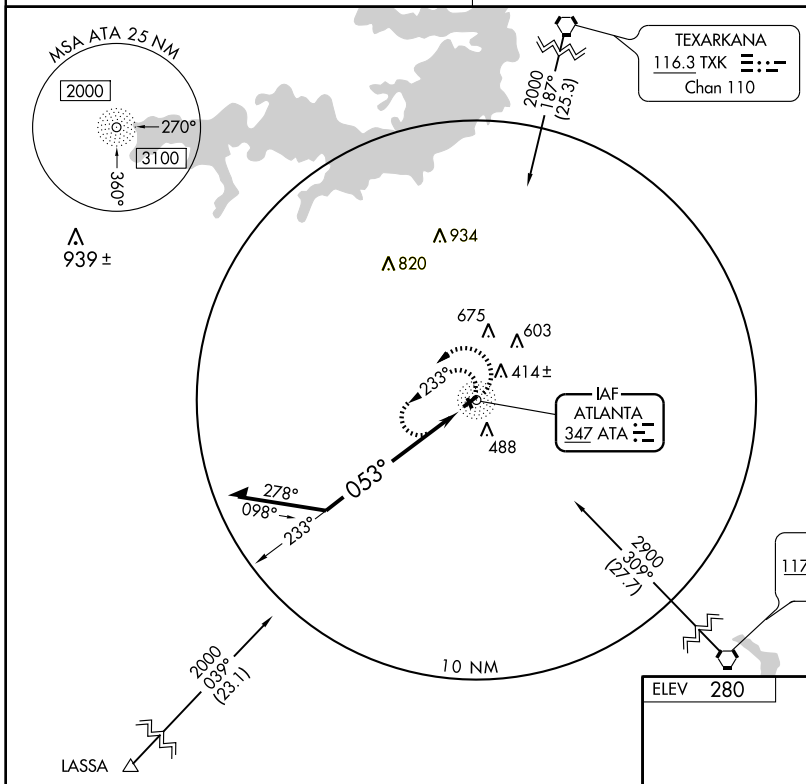
ATLANTA/HALL-MILLER MUNI (ATA)

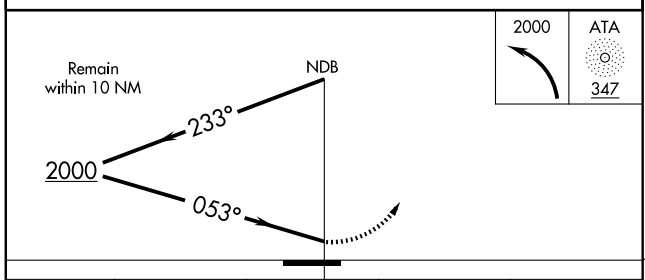
NA

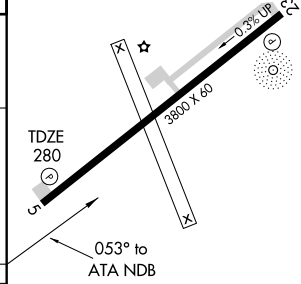
Visibility reduction by helicopters NA. Use Texarkana altimeter setting, when not received use Mount Pleasant altimeter setting and increase all MDA 40 feet and all Cat B visibility ¼ mile.

MISSED APPROACH: Climbing left turn to 2000 in ATA NDB holding pattern.

FORT WORTH CENTER	CTAF
123.925 269.475	122.9







CATEGORY	A	B	C	D
S-5	1220-1¼	940 (1000-1¼)	NA	
CIRCLING	1220-1¼	940 (1000-1¼)	NA	

MIRL Rwy 5-23
REIL Rwys 5 and 23

SC-2, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 5

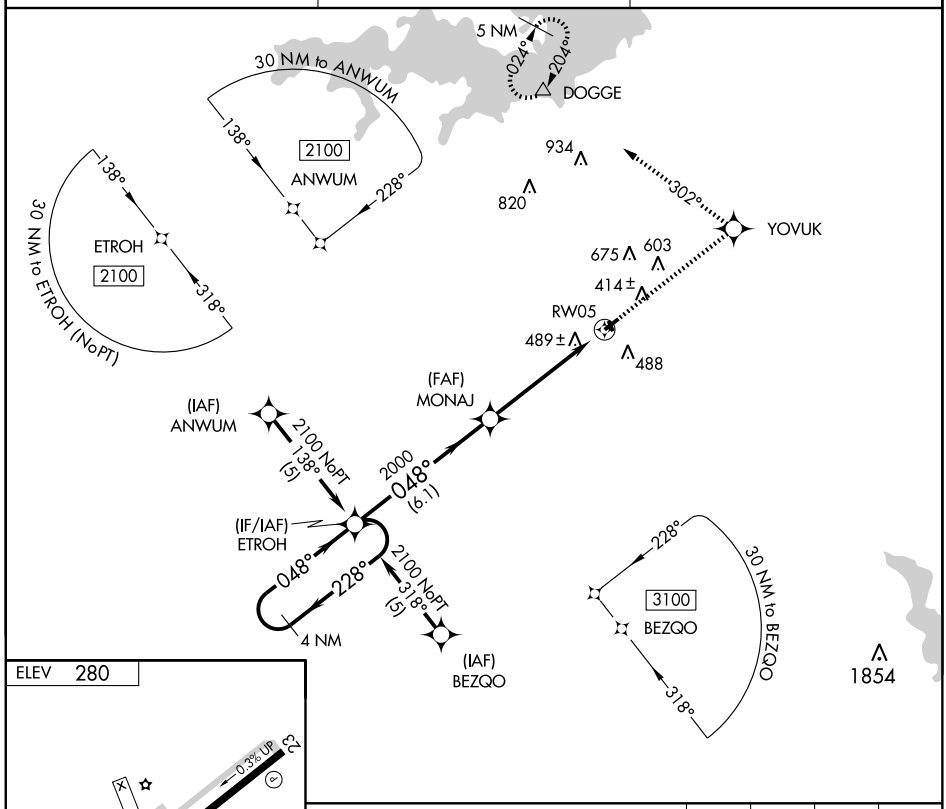
ATLANTA/HALL-MILLER MUNI (ATA)

APP CRS	Rwy Idg	3800
048°	TDZE	280
	Apt Elev	280

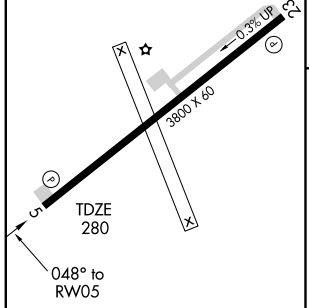
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Texarkana altimeter setting, when not received use Mount Pleasant altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climb to 3000 direct YOVUK and left turn via 302° track to DOGGE and hold.

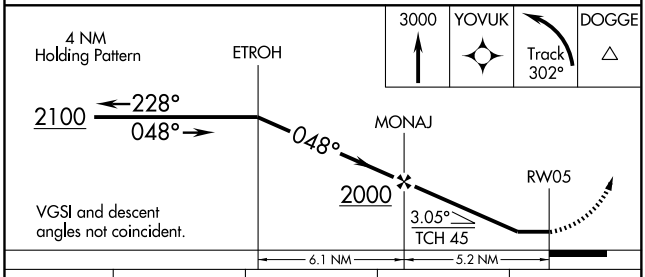
TEXARKANA ASOS	FORT WORTH CENTER	CTAF
120.2	123.925 269.475	122.9



ELEV 280



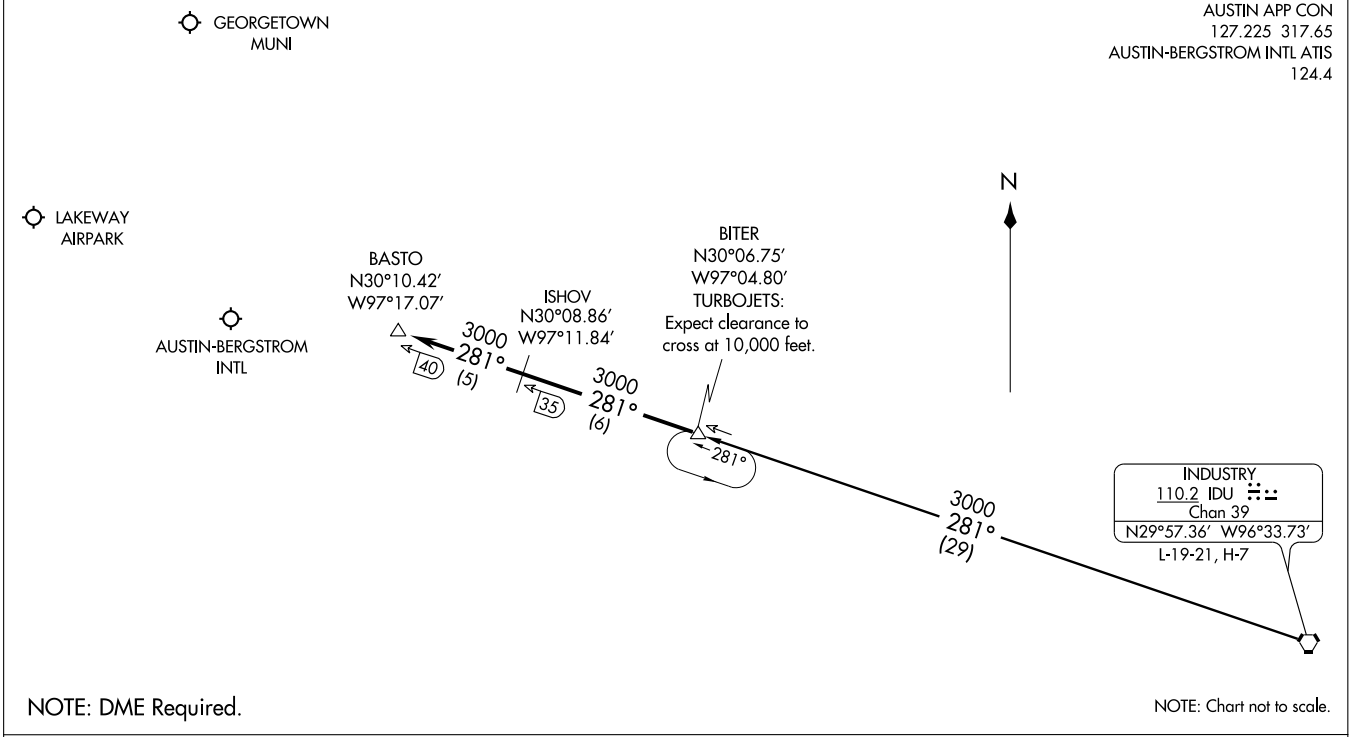
MIRL Rwy 5-23
REIL Rwys 5 and 23



CATEGORY	A	B	C	D
LNAV MDA	860-1	580 (600-1)	NA	
CIRCLING	920-1	640 (700-1)	NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

BITER FOUR ARRIVAL (BITER.BITER4)

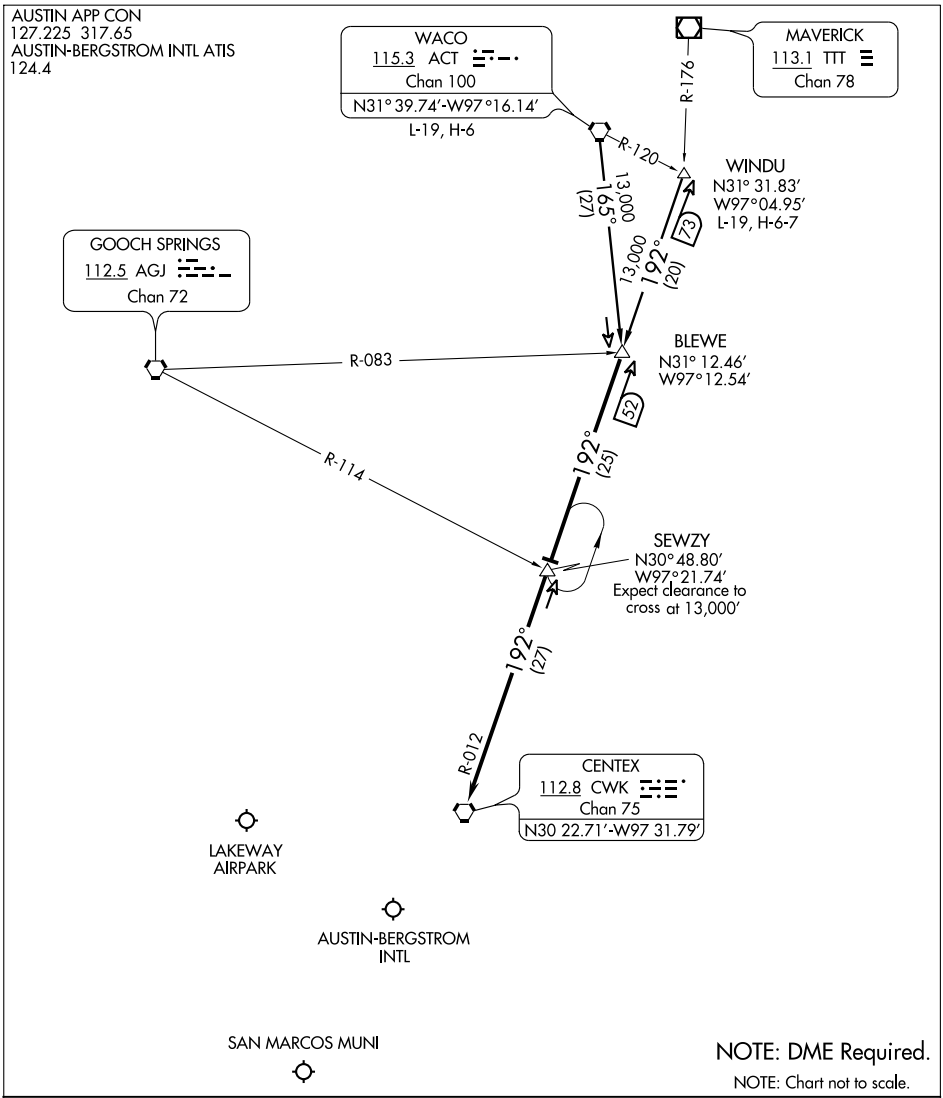


INDUSTRY TRANSITION (IDU.BITER4): From over IDU VORTAC via IDU R-281 to BITER INT. Thence . . . .

. . . . From over BITER INT via IDU R-281 to BASTO INT (MEA 3000). Expect radar vectors to final approach.

BLEWE TWO ARRIVAL (BLEWE.BLEWE2)

AUSTIN, TEXAS



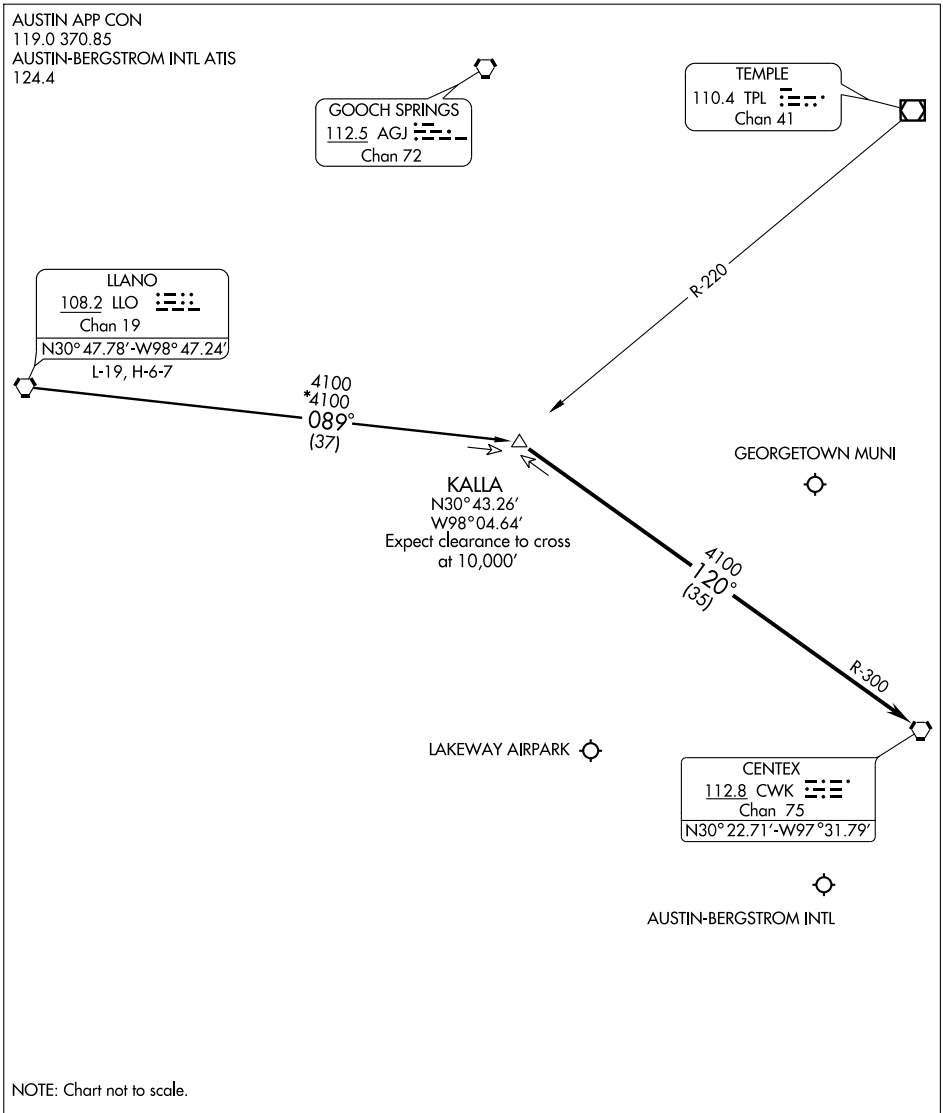
WACO TRANSITION (ACT.BLEWE2): From over ACT VORTAC via ACT R-165 to BLEWE INT. Thence . . . .

WINDU TRANSITION (WINDU.BLEWE2): From over WINDU INT via CWK R-012 to BLEWE INT. Thence . . . .

. . . . From over BLEWE INT via CWK R-012 to CWK VORTAC. Expect radar vectors to final approach.

KALLA TWO ARRIVAL (KALLA.KALLA2)

AUSTIN, TEXAS



NOTE: Chart not to scale.

LLANO TRANSITION (LLO.KALLA2): From over LLO VORTAC via LLO R-089 to KALLA INT. Thence . . . .

. . . . From over KALLA INT via CWK R-300 to CWK VORTAC. Expect radar vectors to final approach.

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3148
162°	TDZE	903
	Apt Elev	909

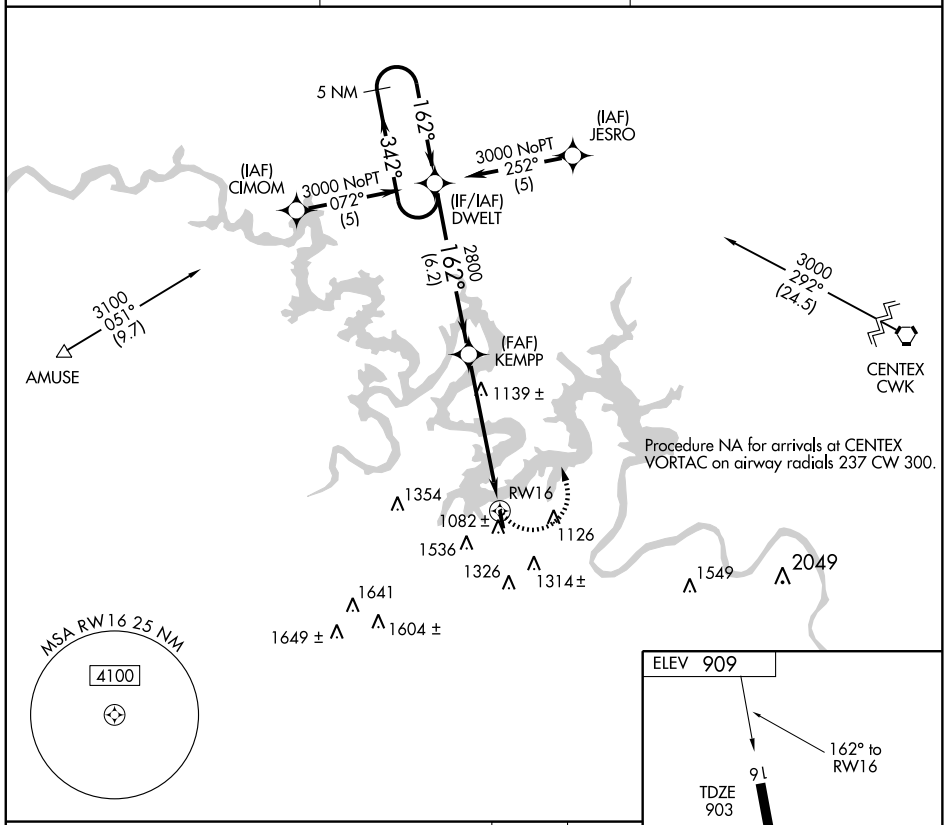
RNAV (GPS) RWY 16

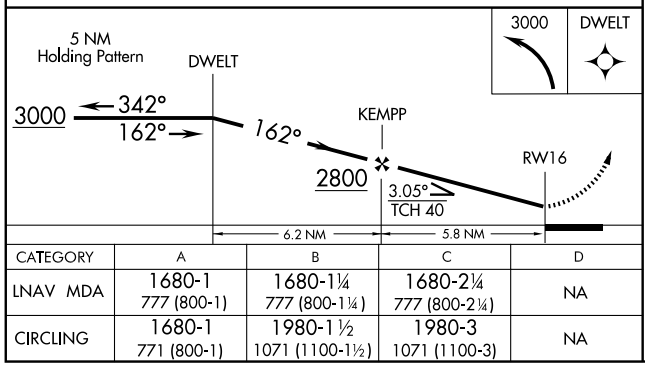
AUSTIN/ LAKEWAY AIRPARK (3R9)

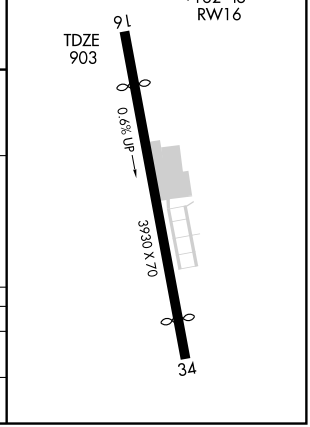
Use Georgetown Muni altimeter setting; if not received, use Austin-Bergstrom Intl altimeter setting and increase all MDAs 40 feet. Procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

MISSED APPROACH: Climbing left turn to 3000 direct DWELT and hold.

GEORGETOWN	AUSTIN APP CON	UNICOM
AWOS-3 **135.425**	**119.0 370.85**	**123.0** (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1680-1 *777* (800-1)	1680-1¼ *777* (800-1¼)	1680-2¼ *777* (800-2¼)	NA
CIRCLING	1680-1 *771* (800-1)	1980-1½ 1071 (1100-1½)	1980-3 1071 (1100-3)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CWK 112.8 Chan 75	APP CRS 081°	Rwy Idg N/A TDZE N/A Apt Elev 909

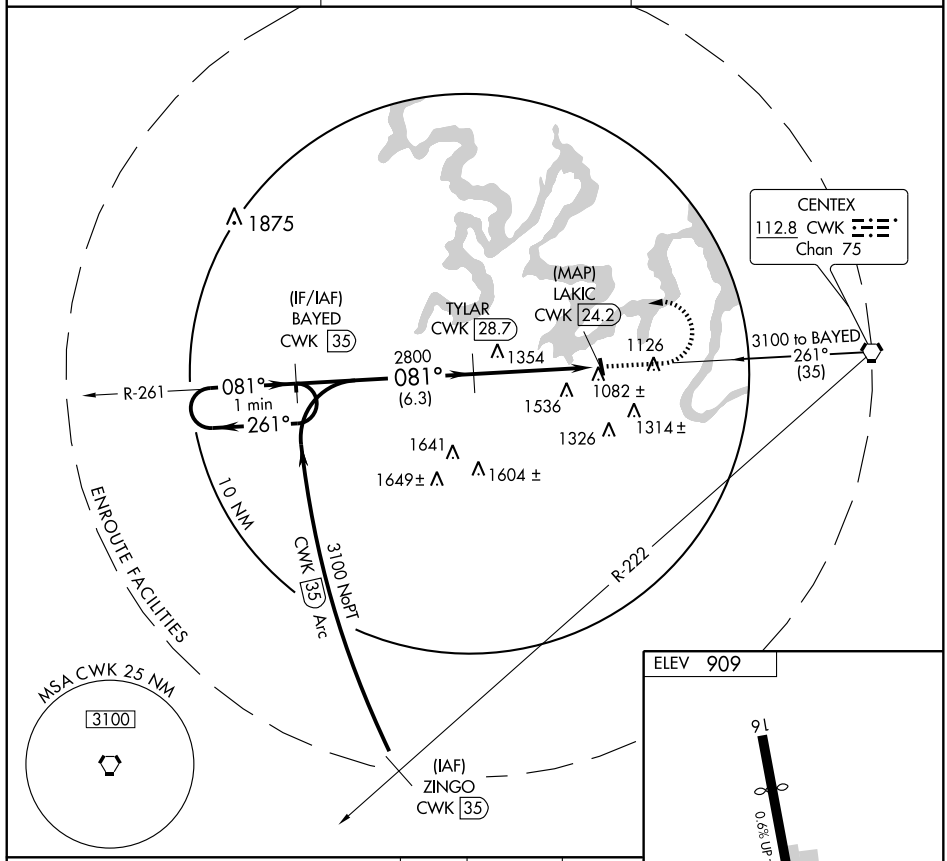
VOR/DME-A

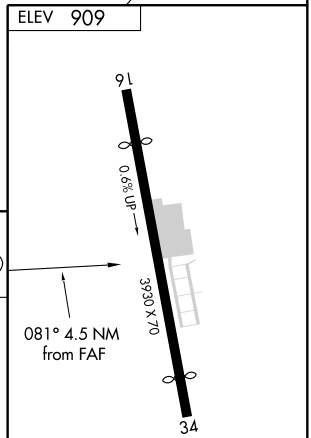
AUSTIN/ LAKEWAY AIRPARK (3R9)

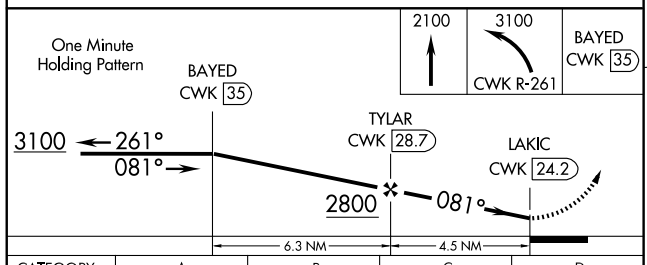
▼ NA Use Georgetown Muni altimeter setting; if not received, use Austin-Bergstrom Intl altimeter setting and increase all MDAs 40 feet. Procedure NA at night.

MISSED APPROACH: Climb to 2100 then climbing left turn to 3100 via CWK VORTAC R-261 to BAYED/35 DME and hold.

GEORGETOWN AWOS-3 135.425	AUSTIN APP CON 119.0 370.85	UNICOM 123.0 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1920-1¼ 1011 (1100-1¼)	1980-1½ 1071 (1100-1½)	1980-3 1071 (1100-3)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

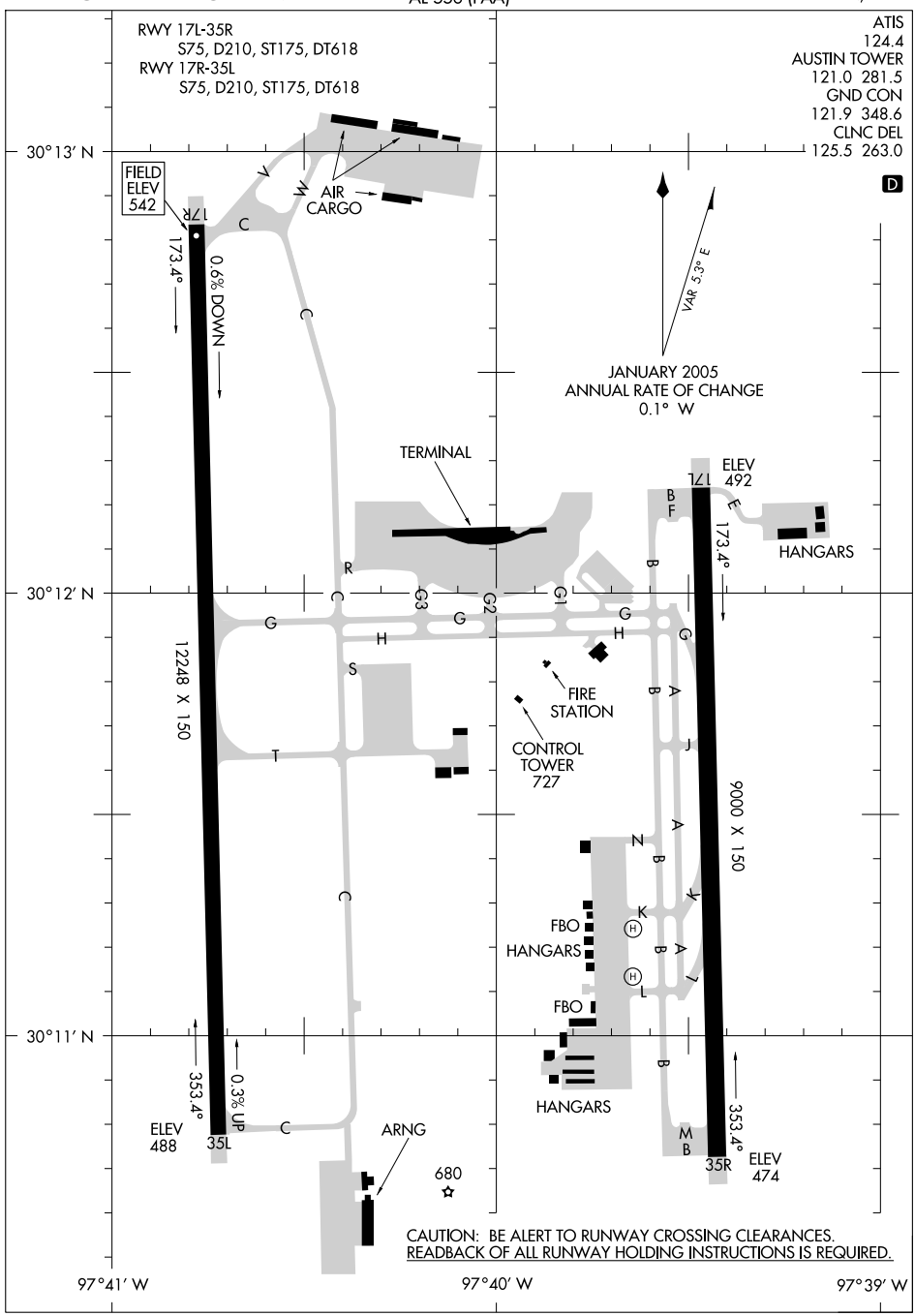
09295

AIRPORT DIAGRAM

AL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)

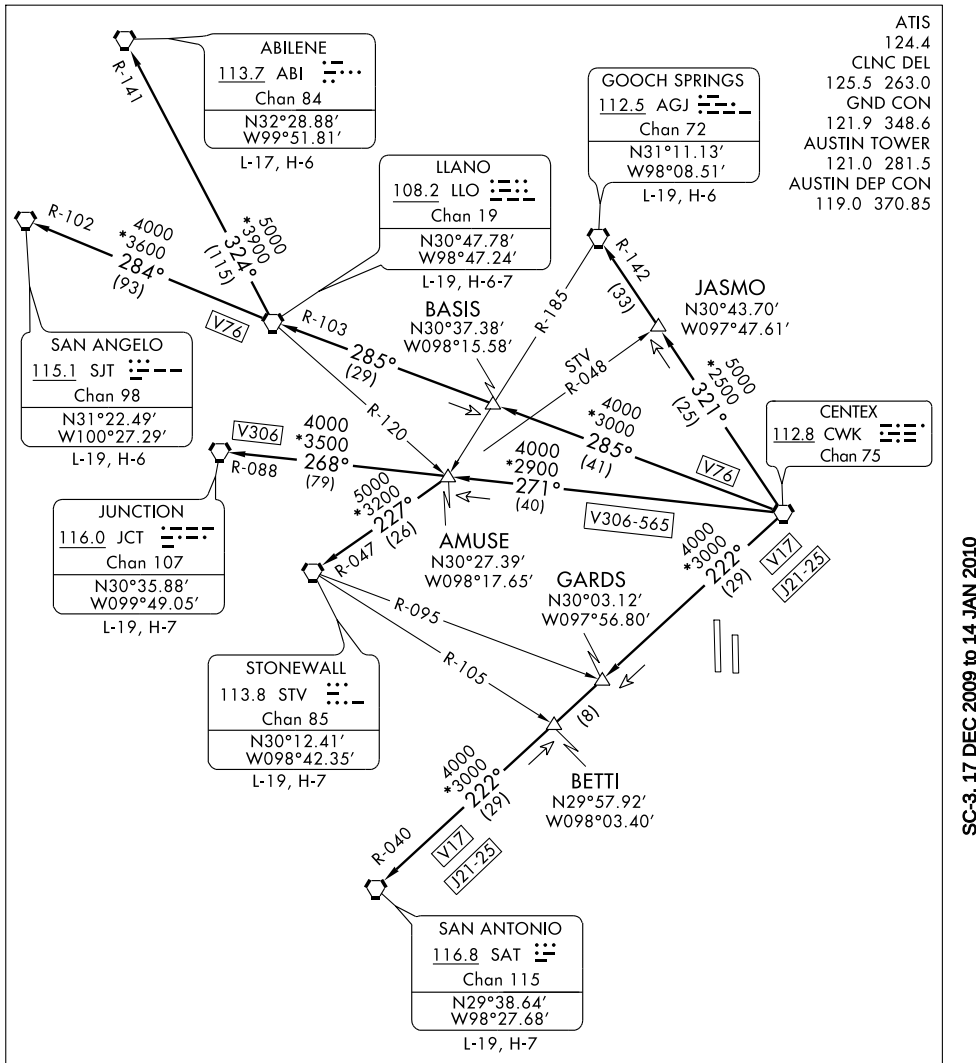
AUSTIN, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN THREE DEPARTURE

SL-556 (FAA)



TAKE-OFF MINIMUMS:

Rwys 17L/R, 35L/R: Standard.

TAKE-OFF OBSTACLE NOTES:

Rwy 17L: Trees beginning 498′ from DER, 576′ left of centerline, up to 80′ AGL/517′ MSL.
Tree 617′ from DER, 585′ right of centerline, 55′ AGL/498′ MSL.
Rwy 17R: Trees 1007′ from DER, 739′ right of centerline, up to 61′ AGL/523′ MSL.
Rwy 35R: Tree 817′ from DER, 664′ right of centerline, 55′ AGL/528′ MSL.

NOTE: RADAR required.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 35L/R,17L/R: Fly tower assigned heading for vectors, maintain 4000, expect filed altitude 10 minutes after departure, thence via assigned transition.

ABILENE TRANSITION (AUS3.ABI): From over CWK VORTAC via CWK R-285 and LLO R-103 to LLO VORTAC, then via LLO R-324 and ABI R-141 to ABI VORTAC.

GOOCH SPRINGS TRANSITION (AUS3.AGJ): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC.

JUNCTION TRANSITION (AUS3.JCT): From over CWK VORTAC via CWK R-271 and JCT R-088 to JCT VORTAC.

LLANO TRANSITION (AUS3.LLO): From over CWK VORTAC via CWK R-285 and LLO R-103 to LLO VORTAC.

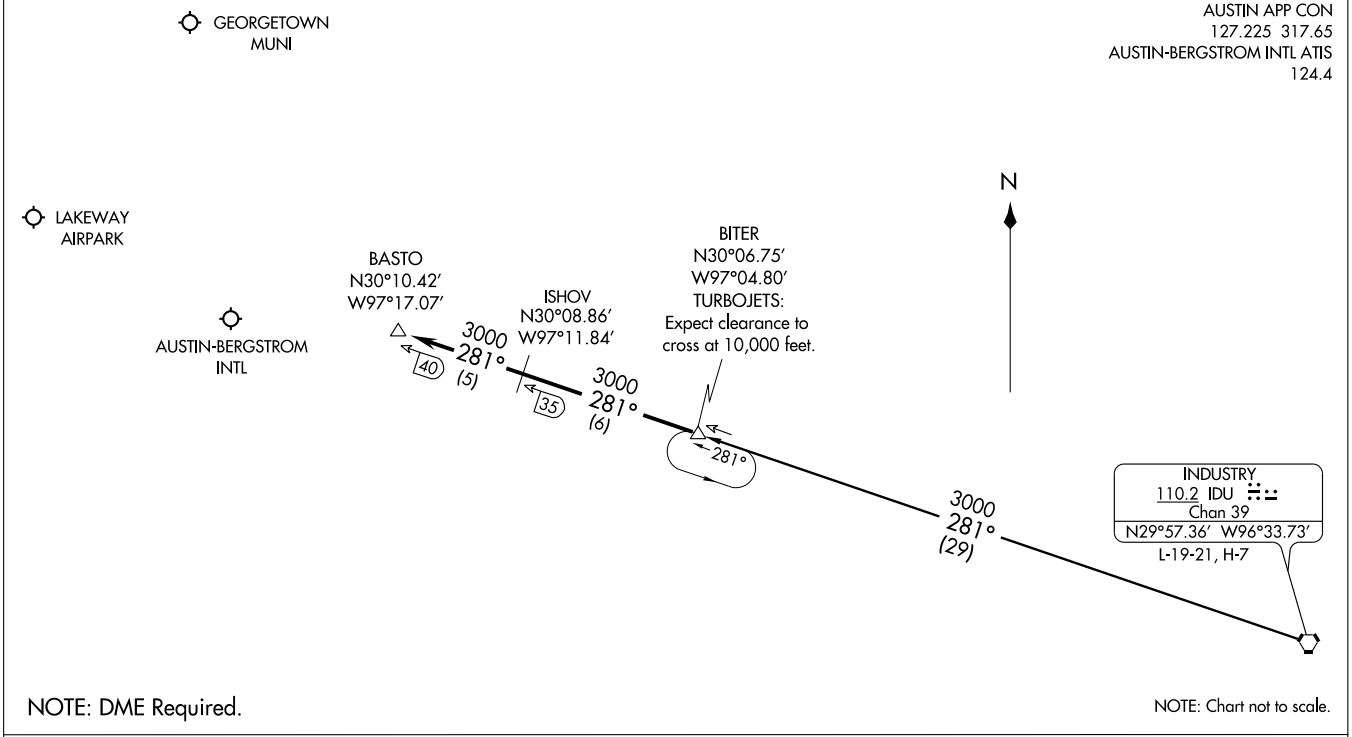
SAN ANGELO TRANSITION (AUS3.SJT): From over CWK VORTAC via CWK R-285 and LLO R-103 to LLO VORTAC, then via LLO R-284 and SJT R-102 to SJT VORTAC.

SAN ANTONIO TRANSITION (AUS3.SAT): From over CWK VORTAC via CWK R-222 and SAT R-040 to SAT VORTAC.

STONEWALL TRANSITION (AUS3.STV): From over CWK VORTAC via CWK R-271 to AMUSE INT, then via STV R-047 to STV VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

BITER FOUR ARRIVAL (BITER.BITER4)

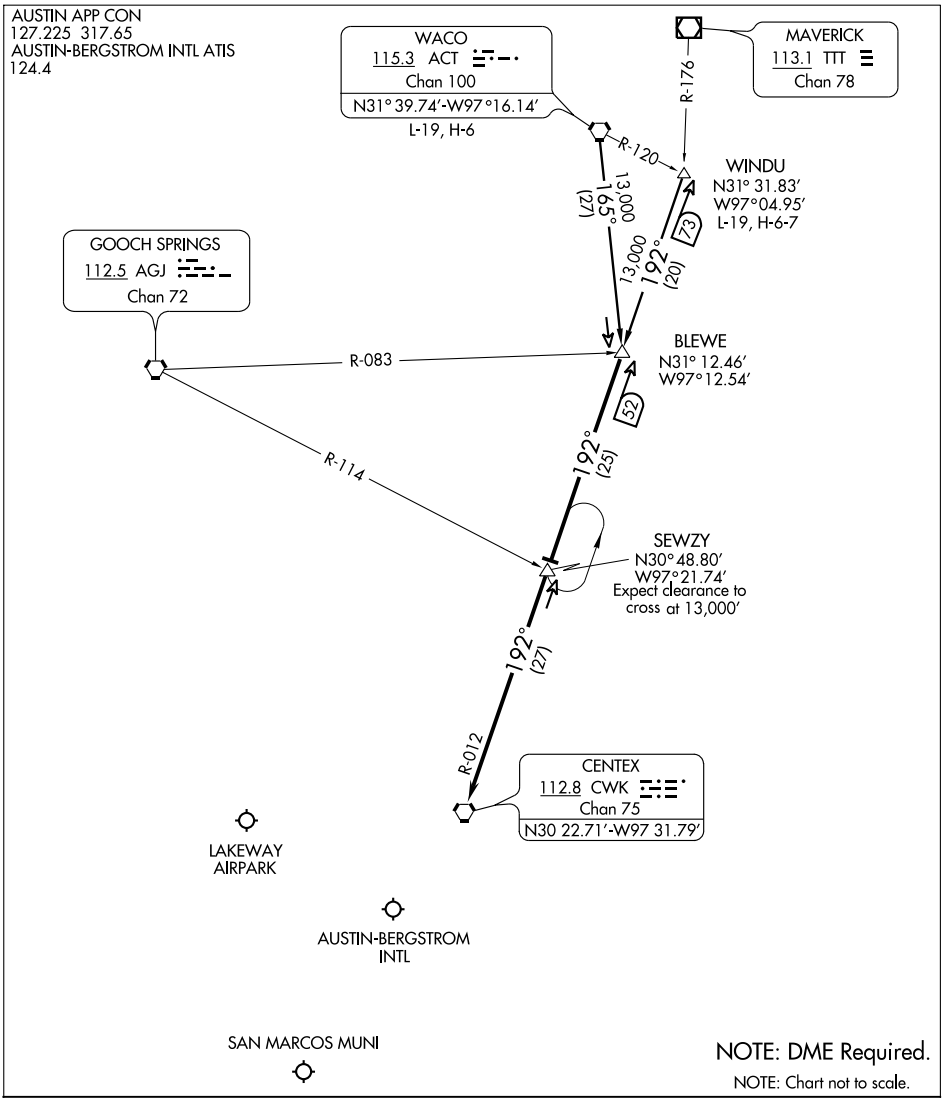


INDUSTRY TRANSITION (IDU.BITER4): From over IDU VORTAC via IDU R-281 to BITER INT. Thence . . . .

. . . . From over BITER INT via IDU R-281 to BASTO INT (MEA 3000). Expect radar vectors to final approach.

BLEWE TWO ARRIVAL (BLEWE.BLEWE2)

AUSTIN, TEXAS



WACO TRANSITION (ACT.BLEWE2): From over ACT VORTAC via ACT R-165 to BLEWE INT. Thence . . . .

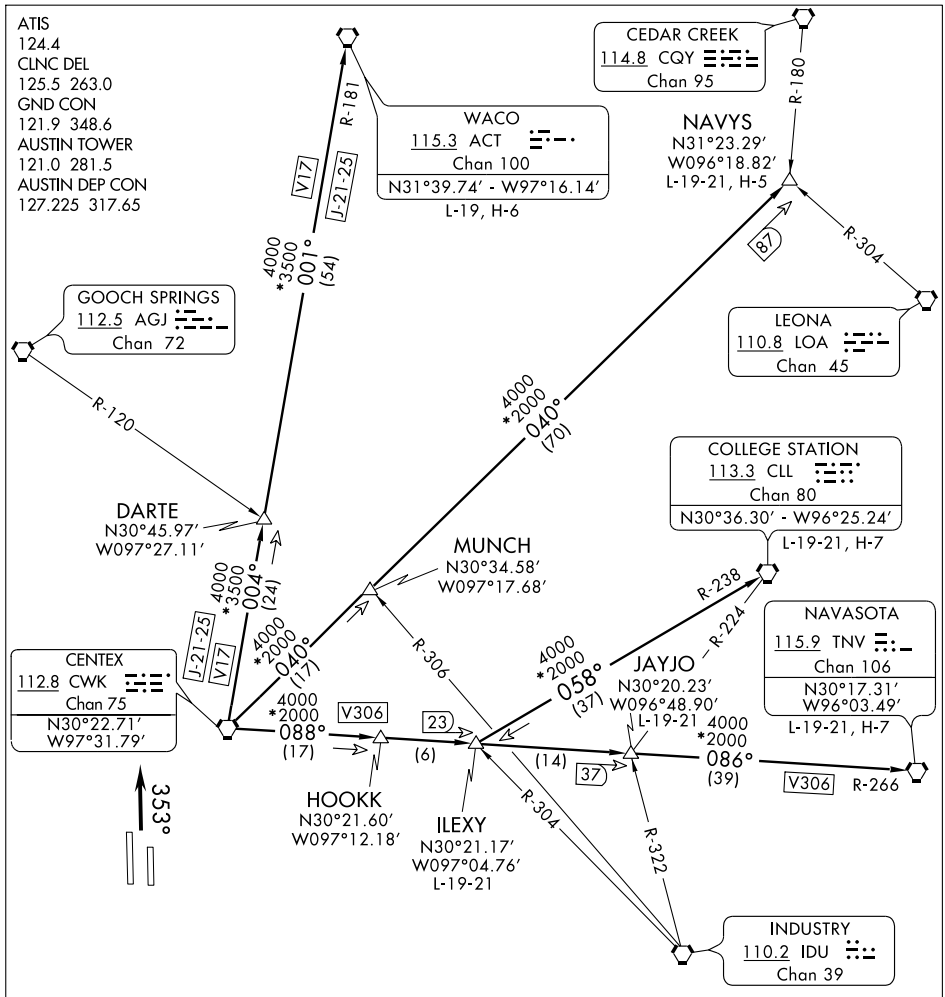
WINDU TRANSITION (WINDU.BLEWE2): From over WINDU INT via CWK R-012 to BLEWE INT. Thence . . . .

. . . . From over BLEWE INT via CWK R-012 to CWK VORTAC. Expect radar vectors to final approach.

CENTEX FOUR DEPARTURE

SL-556 (FAA)

AUSTIN-BERGSTROM INTL (AUS)
AUSTIN, TEXAS



NOTE: Radar Required.

TAKE-OFF MINIMUMS:
Rwys 17L/R, 35L/R: Standard.

TAKE-OFF OBSTACLE NOTES:

Rwy 17L: Trees beginning 498' from DER, 576' left of centerline, up to 80' AGL/517' MSL.
Tree 617' from DER, 585' right of centerline, 55' AGL/498' MSL.
Rwy 17R: Trees 1007' from DER, 739' right of centerline, up to 61' AGL/523' MSL.
Rwy 35R: Tree 817' from DER, 664' right of centerline, 55' AGL/528' MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 35L: Climb via heading 353° to 1800. Thence . . . .

TAKEOFF RWY 35R: Climb via heading 353° to 1800. Thence . . . .

TAKEOFF RWY 17 L/R: Climb via assigned heading. Thence . . . .

. . . . climb to 4000 via radar vectors to assigned transition. Expect filed altitude 10 minutes after departure.

COLLEGE STATION TRANSITION (CWK4.CLL): (For aircraft requesting 13,000' MSL to FL230.) From over CWK VORTAC via CWK R-088 to ILEXY INT, then via CLL R-238 to CLL VORTAC.

ILEXY TRANSITION (CWK4.ILEXY): (For turboprop and turbojet aircraft landing HOU; for turbojet aircraft landing EFD, GLS or LBX; for all aircraft landing IAH.) From over CWK VORTAC via CWK R-088 to ILEXY INT.

JAYJO TRANSITION (CWK4.JAYJO): (For piston aircraft landing HOU; for piston and turboprop aircraft landing EFD, GLS, or LBX; for all aircraft landing other West/South Houston terminal area airports.) From over CWK VORTAC via CWK R-088 to JAYJO INT.

NAVASOTA TRANSITION (CWK4.TNV): From over CWK VORTAC via CWK R-088 and TNV R-266 to TNV VORTAC.

NAVYS TRANSITION (CWK4.NAVYS): (For aircraft landing DFW terminal area requesting FL230 and below.) From over CWK VORTAC via CWK R-040 to NAVYS INT.

WACO TRANSITION (CWK4.ACT): (For aircraft requesting 12,000' MSL and below.) From over CWK VORTAC via CWK R-004 and ACT R-181 to ACT VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN, TEXAS

AL-556 (FAA)

LOC/DME I-GFQ	APP CRS	Rwy Idg	12248
110.95	173°	TDZE	542
Chan 46 (Y)		Apt Elev	542

ILS or LOC RWY 17R

AUSTIN-BERGSTROM INTL (AUS)

Simultaneous approach authorized with Rwy 17L.

MALS

MISSED APPROACH: Climb to 1000, then climbing right turn to 3100 via CWK VORTAC R-222 to GARDS Int/CWK 29.2 DME and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

RADAR REQUIRED

MSA CWK 25 NM
120°
3100
2600
025°

353°

(IF)
CHADE INT
I-GFQ 14.6
RADAR

CENTEX
112.8 CWK
Chan 75

R-281

BROMS INT
I-GFQ 10.6
RADAR

R-253

HOMAL INT
I-GFQ 6.8
RADAR

R-230

R-222

#2100 when authorized by ATC
* LOC only

2049
1402
1638
1448
1034
688±
659
799
580±
846
695±
819
842
1030

10 NM

MISSED APCH FIX
GARDS
CWK 29.2
CWK R-222
113.8 STV
Chan 85
R-095
042°
222°
R-222

LOCALIZER 110.95
I-GFQ
Chan 46 (Y)

ALTERNATE MISSED APCH FIX
CREED LOM
BS
255
173°
353°

CHADE INT
I-GFQ 14.6
RADAR

BROMS INT
I-GFQ 10.6
RADAR

HOMAL INT
I-GFQ 6.8
RADAR

#4000
173°
#3400
*#2900
GS 3.00°
TCH 59
2100
*2100
I-GFQ
3.3
I-GFQ
2.2
#2100 when authorized by ATC.

4 NM
3.8 NM
3.5 NM
1.1

1000	3100	GARDS
↑	CWK R-222	△ CWK 29.2

* LOC only

ELEV 542
D
173° 4.6 NM from FAF
17R
0.6% DOWN
TDZE
542
17L
12,248 X 150
9000 X 150
727
0.3% UP
680
35L
35R
TDZ/CL Rwys 17L and 35R
HIRL Rwy 17L-35R and 17R-35L
FAF to MAP 4.6 NM

CATEGORY	A	B	C	D	E
S-ILS 17R	742/40 200 (200-¾)				
S-LOC 17R	940/40 398 (400-¾)			940/60 398 (400-1¼)	940-1½ 398 (400-1½)
CIRCLING	1040-1 498 (500-1)		1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN, TEXAS

AL-556 (FAA)

LOC/DME I-BSM	APP CRS	Rwy Idg	12248
110.95	353°	TDZE	496
Chan 46 (Y)		Apt Elev	542

ILS or LOC RWY 35L

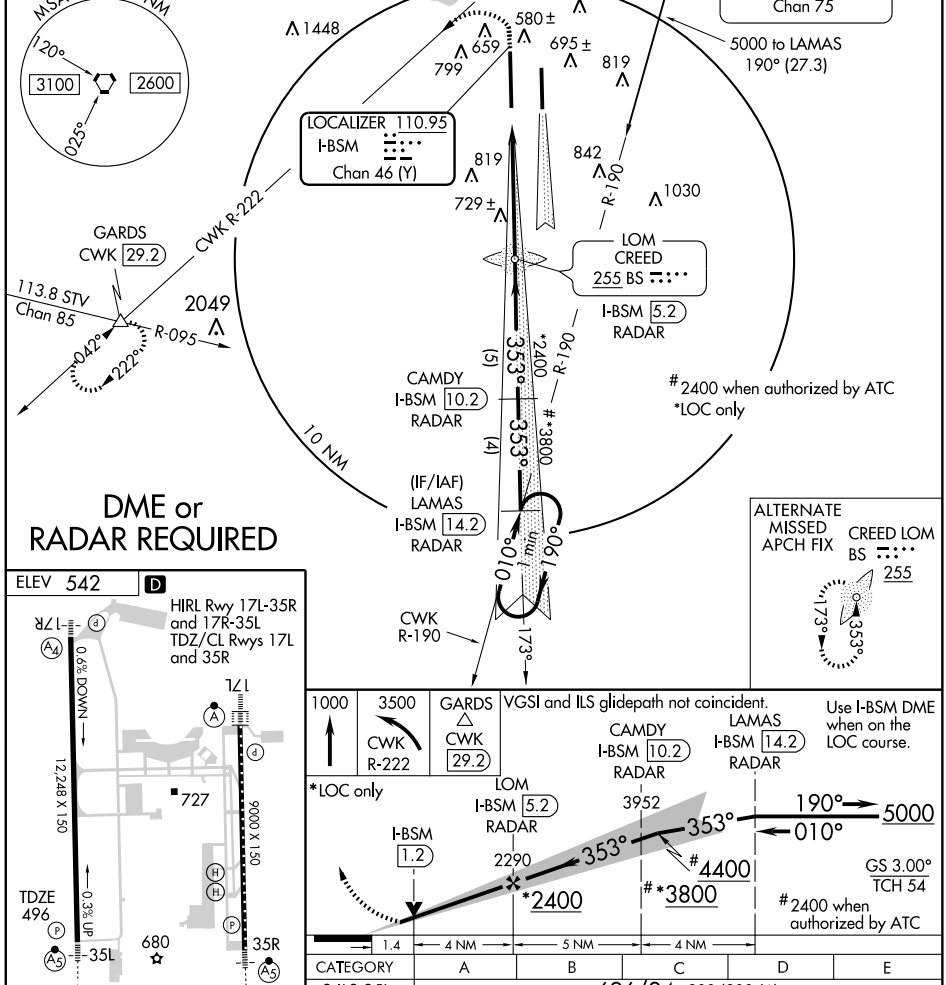
AUSTIN-BERGSTROM INTL (AUS)

▼ Simultaneous approach authorized with Rwy 35R. For inoperative MALSR, increase S-ILS 35L Cat E visibility to RVR 4000, and
▲ S-LOC 35L Cat E visibility to 1¾ mile. ** RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR (A5)

MISSED APPROACH: Climb to 1000 then climbing left turn to 3500 via CWK VORTAC R-222 to GARDS Int/CWK 29.2 DME and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95



DME or RADAR REQUIRED

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D	E
S-ILS 35L	** 696/24 200 (200-½)				
S-LOC 35L	980/24 484 (500-½)		980/40 484 (500-¾)	980/50 484 (500-1)	980/60 484 (500-1¼)
CIRCLING	1040-1 498 (500-1)		1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-VNK	APP CRS	Rwy Idg	9000
110.5	173°	TDZE	492
Chan 42		Apt Elev	542

ILS RWY 17L

AUSTIN-BERGSTROM INTL (AUS)

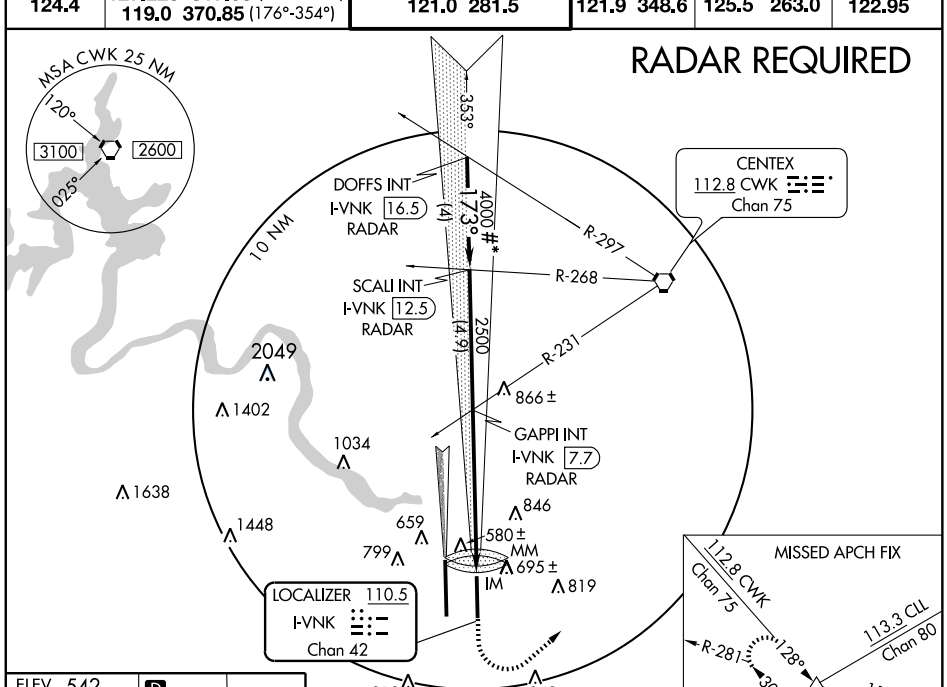
Simultaneous approach authorized with Rwy 17R.
For inoperative ALSF, increase S-ILS Cat E visibility to RVR 4000 and S-LOC Cat E visibility to 1½.

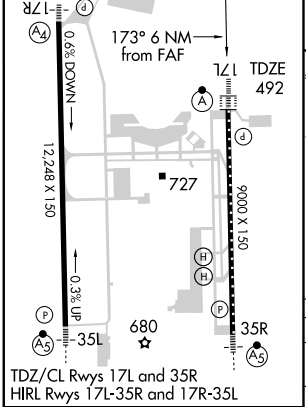
ALSF-2

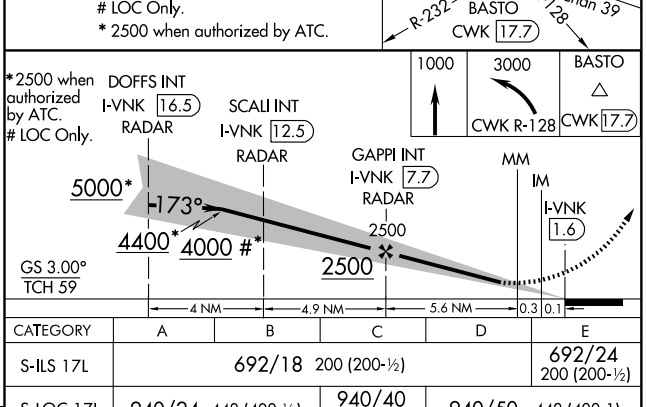
MISSED APPROACH: Climb to 1000, then climbing left turn to 3000 via CWK VORTAC R-128 to BASTO INT/CWK 17.7 DME and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

RADAR REQUIRED







FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

CATEGORY	A	B	C	D	E
S-ILS 17L	692/18 200 (200-½)				692/24 200 (200-½)
S-LOC 17L	940/24 448 (400-½)		940/40 448 (400-¾)	940/50 448 (400-1)	
CIRCLING	1040-1 498 (500-1)		1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN, TEXAS

AL-556 (FAA)

LOC I-VNK	APP CRS	Rwy Idg	9000
110.5	173°	TDZE	492
Chan 42		Apt Elev	542

ILS RWY 17L (CAT II)

AUSTIN-BERGSTROM INTL (AUS)

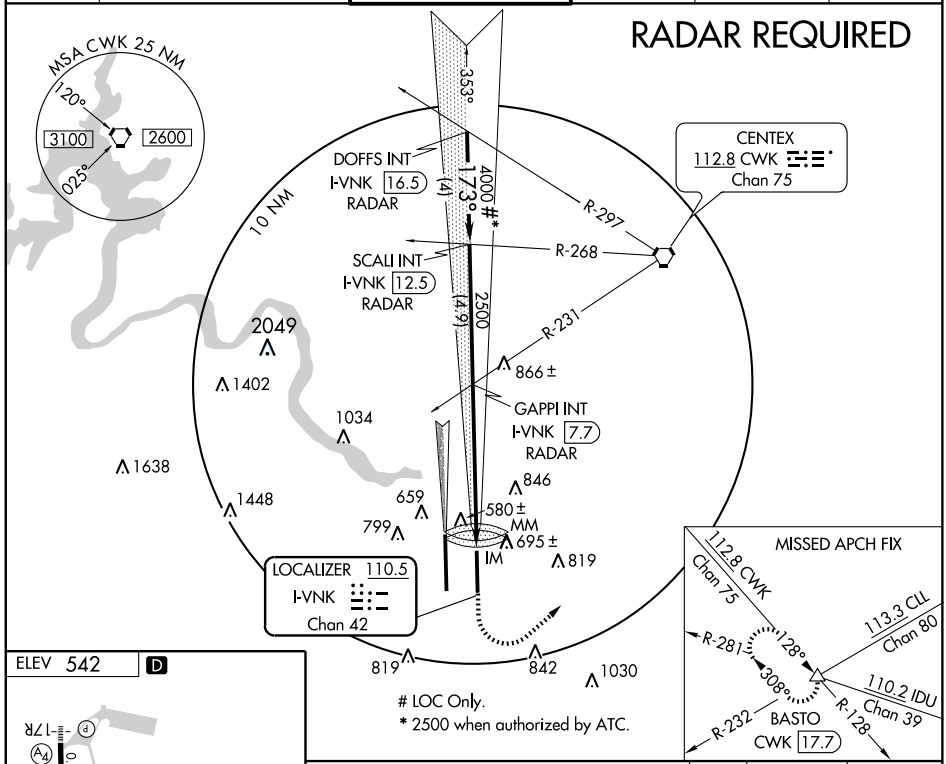
Simultaneous approach authorized with Rwy 17R.
For inoperative ALSF, increase S-ILS Cat E visibility to RVR 4000 and S-LOC Cat E visibility to 1½.

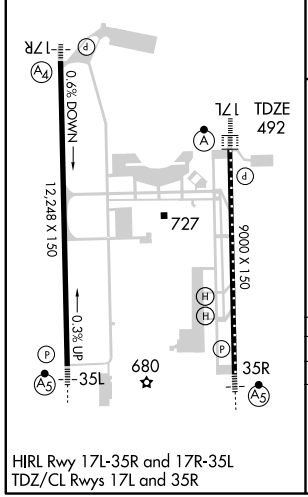
ALSF-2

MISSED APPROACH: Climb to 1000, then climbing left turn to 3000 via CWK VORTAC R-128 to BASTO INT/CWK 17.7 DME and hold.

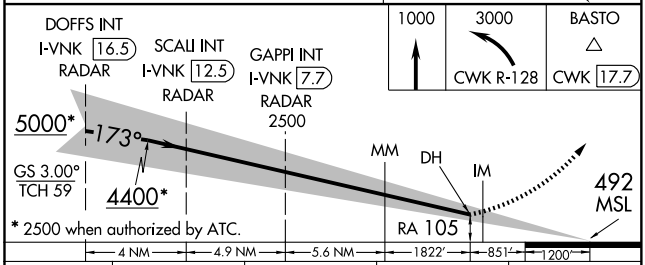
ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

RADAR REQUIRED





HIRL Rwy 17L-35R and 17R-35L
TDZ/CL Rwys 17L and 35R



CATEGORY	A	B	C	D
S-ILS 17L	RA 105/12 100 DA 592			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN, TEXAS

AL-556 (FAA)

LOC I-VNK	APP CRS	Rwy Idg	9000
110.5	173°	TDZE	492
Chan 42		Apt Elev	542

ILS RWY 17L (CAT III)

AUSTIN-BERGSTROM INTL (AUS)

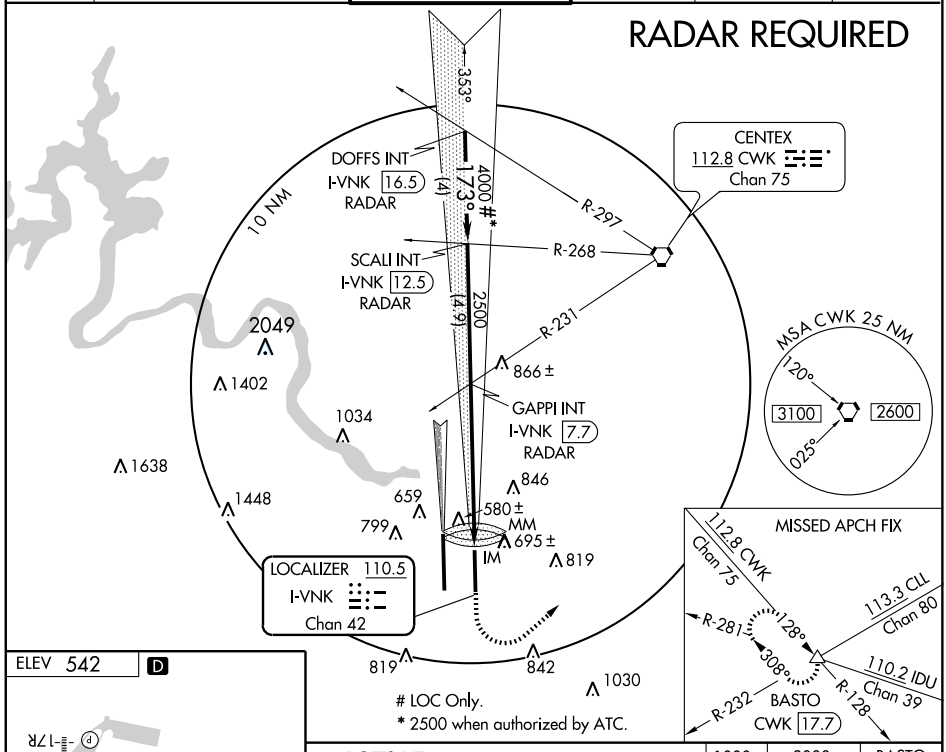
Simultaneous approach authorized with Rwy 17R.
For inoperative ALSF, increase S-ILS Cat E visibility to RVR 4000 and S-LOC Cat E visibility to 1½.

ALSF-2

MISSED APPROACH: Climb to 1000, then climbing left turn to 3000 via CWK VORTAC R-128 to BASTO INT/CWK 17.7 DME and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

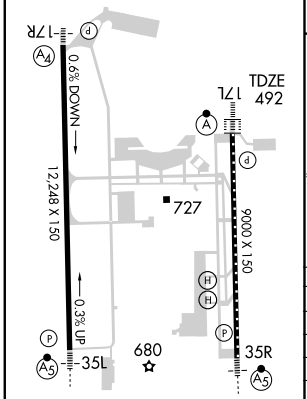
RADAR REQUIRED



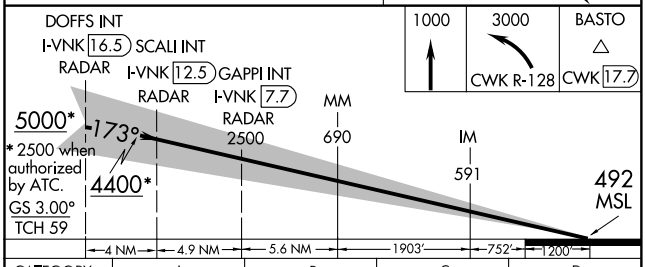
LOC Only.

* 2500 when authorized by ATC.

ELEV 542 D



HIRL Rwy 17L-35R and 17R-35L
TDZ/CL Rwys 17L and 35R



1000	3000	BASTO
	CWK R-128	CWK 17.7

CATEGORY	A	B	C	D
S-ILS 17L	CAT IIIa RVR 07			
S-ILS 17L	CAT IIIb RVR 06			
S-ILS 17L	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-HCE	APP CRS	Rwy Idg	9000
110.5	353°	TDZE	480
Chan 42		Apt Elev	542

ILS RWY 35R

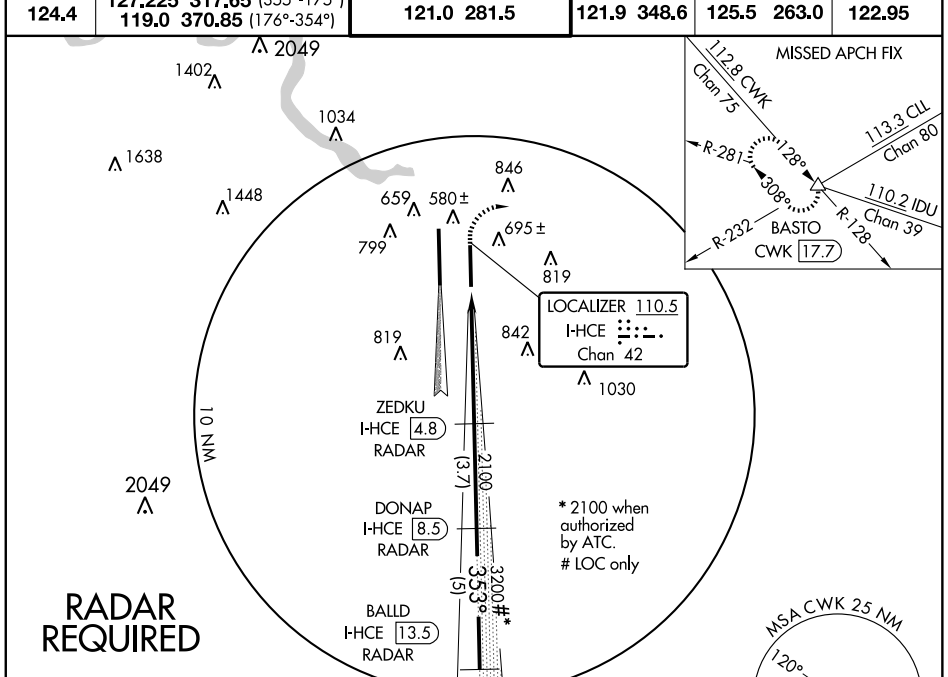
AUSTIN-BERGSTROM INTL (AUS)

Simultaneous approach authorized with Rwy 35L. For inoperative MALSR, increase S-ILS Cat E visibility to RVR 4000, and S-LOC Cat E visibility to 1¾ miles.

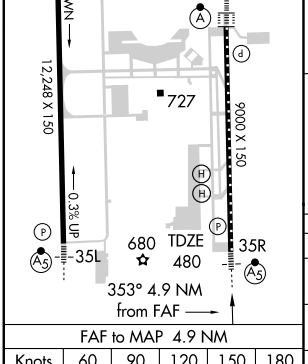
MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 via CWK VORTAC R-128 to BASTO INT/CWK 17.7 DME and hold.

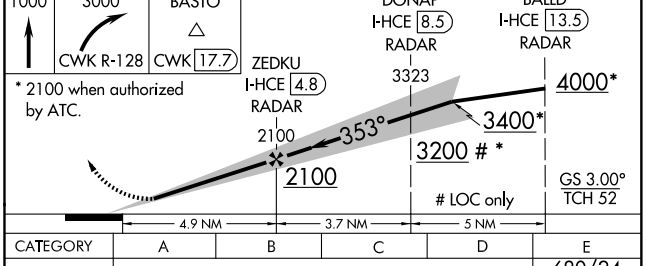
ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95



RADAR REQUIRED



FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

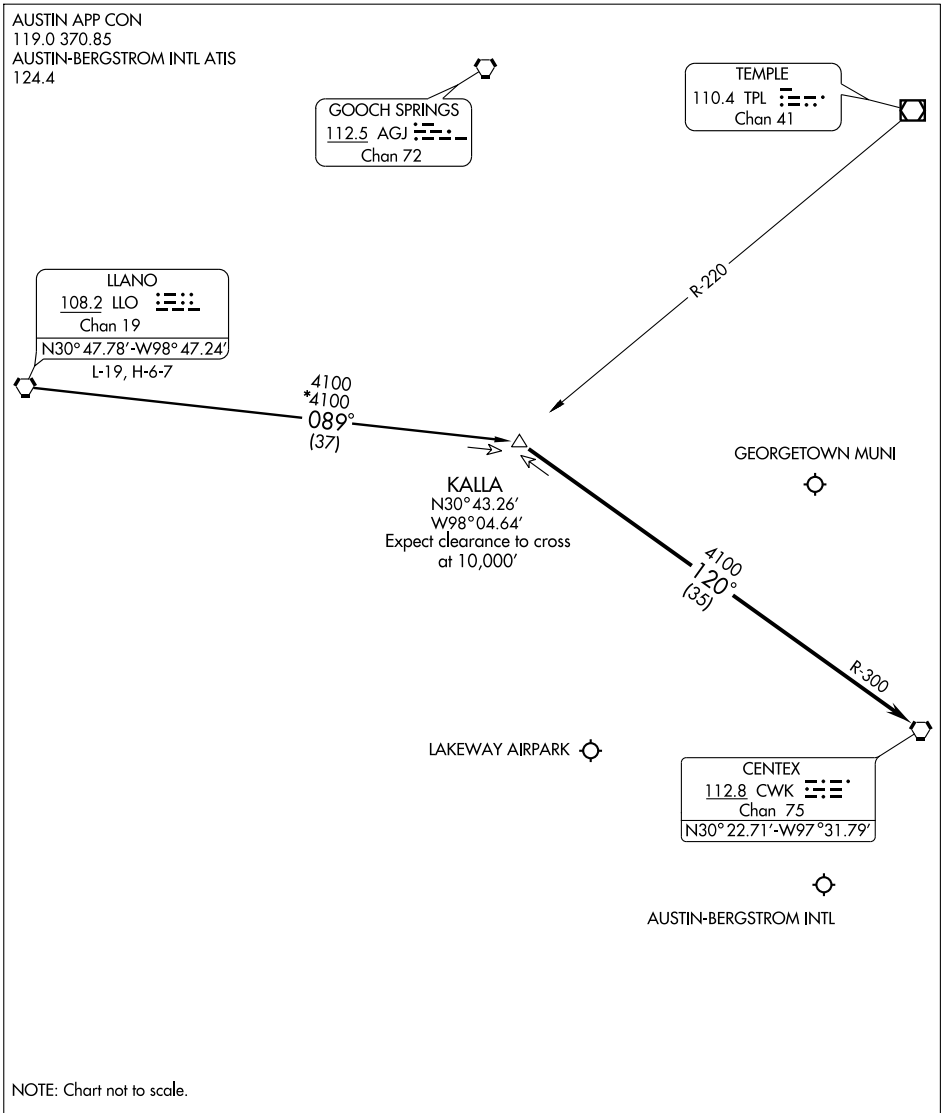


CATEGORY	A	B	C	D	E
S-ILS 35R	680/18 200 (200-½)				680/24 200 (200-½)
S-LOC 35R	980/24 500 (500-½)		980/40 500 (500-¾)	980/50 500 (500-1)	980/60 500 (500-1¼)
CIRCLING	1040-1 498 (500-1)		1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

KALLA TWO ARRIVAL (KALLA.KALLA2)

AUSTIN, TEXAS



NOTE: Chart not to scale.

LLANO TRANSITION (LLO.KALLA2): From over LLO VORTAC via LLO R-089 to KALLA INT. Thence . . . .

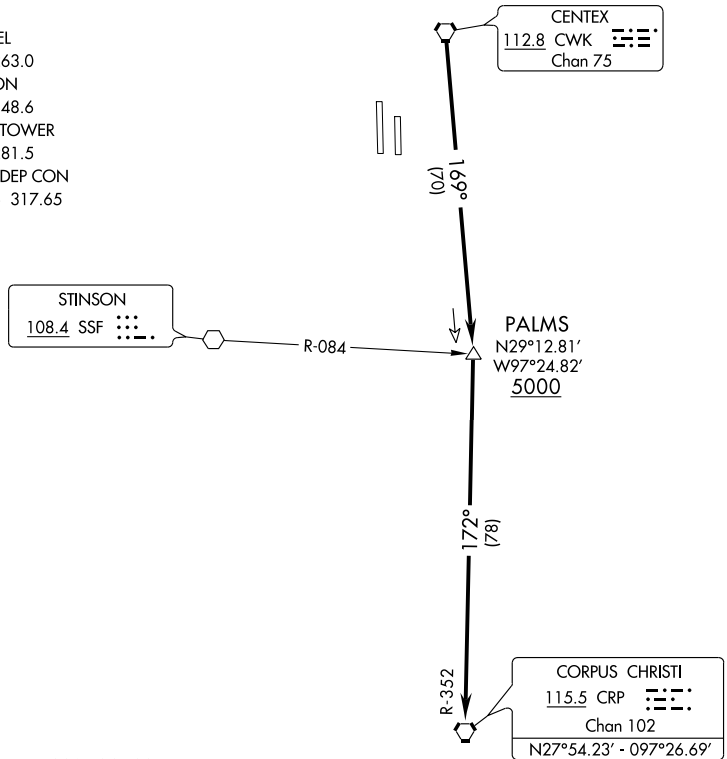
. . . . From over KALLA INT via CWK R-300 to CWK VORTAC. Expect radar vectors to final approach.

SC-3, 17 DEC 2009 to 14 JAN 2010

PALMS ONE DEPARTURE

SL-556 (FAA)

ATIS
124.4
CLNC DEL
125.5 263.0
GND CON
121.9 348.6
AUSTIN TOWER
121.0 281.5
AUSTIN DEP CON
127.225 317.65



TAKE-OFF MINIMUMS:

Rwys 17L/17R, standard.
Rwy 35L, standard with an obstacle climb of 227′ per NM to 2600.
Rwy 35R, standard with an obstacle climb of 204′ per NM to 2600.

NOTE: Rwy 17L, multiple trees beginning 498′ from departure end of runway, 576′ left of centerline, up to 80′ AGL/517′ MSL.
Tree 617′ from departure end of runway, 584′ right of centerline, 55′ AGL/498′ MSL.
NOTE: Rwy 17R, multiple trees beginning 1007′ from departure end of runway, 730′ right of centerline to 603′ left of centerline up to 61′ AGL/540′ MSL.
NOTE: Rwy 35R, tree 816′ from departure end of runway, 663′ right of centerline, 55′ AGL/528′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 35L/R,17L/R: Fly tower assigned heading for vectors to CWK VORTAC, maintain 4000, expect filed altitude 10 minutes after departure, then via CWK R-169 to PALMS INT, cross PALMS INT at or above 5000, then via CRP R-352 to CRP VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9000
173°	TDZE	492
	Apt Elev	542

RNAV (GPS) RWY 17L

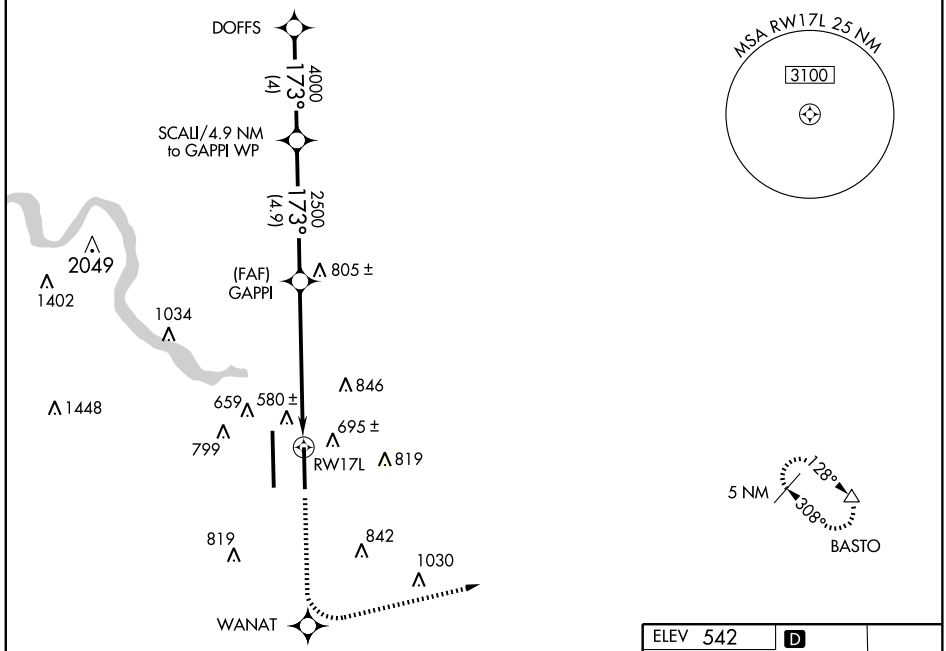
AUSTIN-BERGSTROM INTL (AUS)

Baro-VNAV NA below -16°C (4°F).
NA GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.
For inoperative ALSF, increase LNAV/VNAV and LNAV Cat E visibility to 1¾.

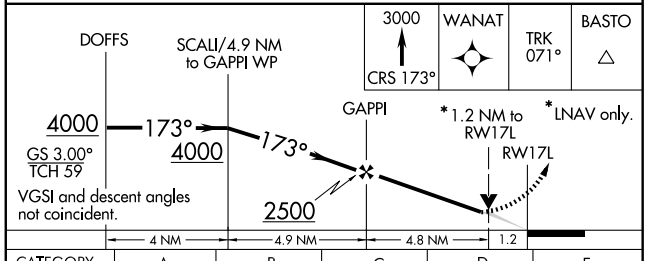
ALSF-2

MISSED APPROACH: Climb to 3000 via 173° course to WANAT then via 071° track to BASTO and hold.

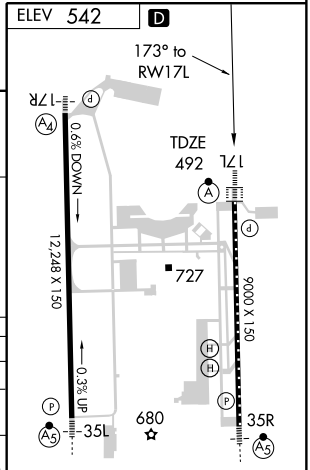
ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95



RADAR REQUIRED



CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	1000/60 508 (500-1¼)				
LNAV MDA	960/24 468 (500-½)		960/40 468 (500-¾)	960/50 468 (500-1)	960/60 468 (500-1¼)
CIRCLING	1040-1¾ 498 (500-1¾)			1160-2 618 (700-2)	1260-2½ 718 (800-2½)



HIRL Rwy 17L-35R and 17R-35L
TDZ/CL Rwys 17L and 35R

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	12248
173°	TDZE	542
	Apt Elev	542

RNAV (GPS) RWY 17R

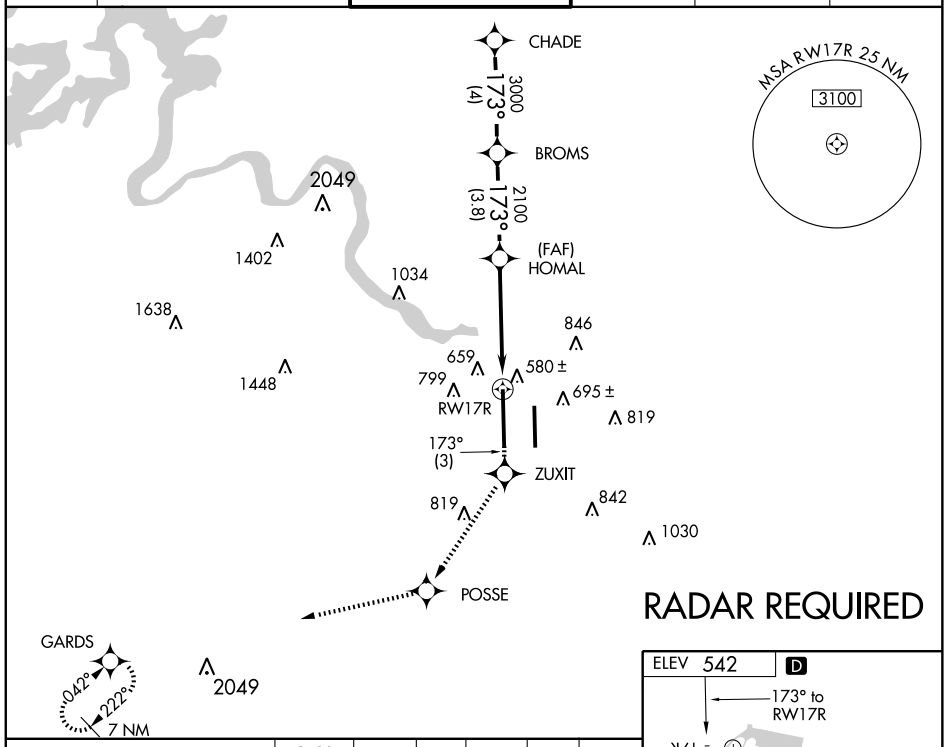
AUSTIN-BERGSTROM INTL (AUS)

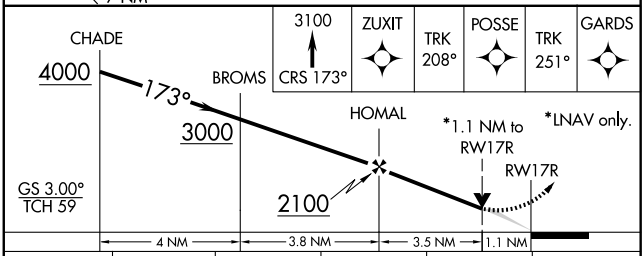
Baro-VNAV NA below -16°C (4°F).
NA GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.
Inoperative table does not apply to LNAV/VNAV.
For inoperative MALS, increase LNAV Cat E visibility to ½.

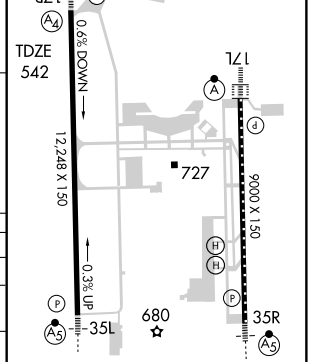
MALS

MISSED APPROACH: Climb to 3100 via 173° course to ZUXIT, then via 208° track to POSSE, then via 251° track to GARDS and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95







CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	920/60 378 (400-1¼)				
LNAV MDA	940/40 398 (400-¾)			940/60 398 (400-1¼)	
CIRCLING	1040-1¼ 498 (500-1¼)		1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

TDZ/CL Rwys 17L and 35R
HIRL Rwys 17L-35R and 17R-35L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9000
353°	TDZE	480
	Apt Elev	542

RNAV (GPS) RWY 35R

AUSTIN-BERGSTROM INTL (AUS)

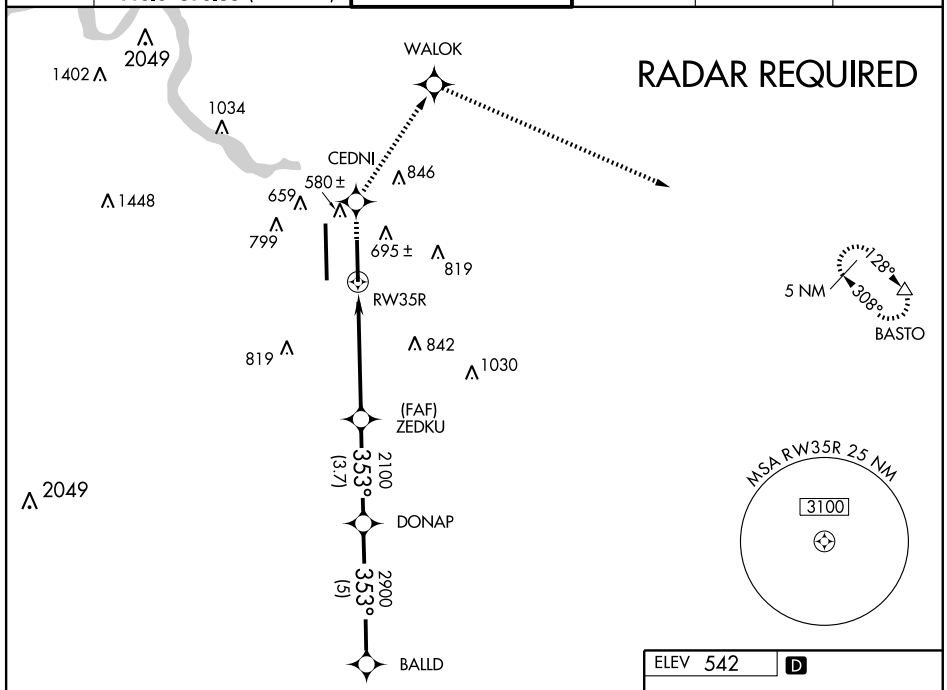
Baro-VNAV NA below -15°C (5°F).
NA GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.
For inoperative MALSR, increase LNAV/VNAV Cat E visibility to 1½ and LNAV Cat E visibility to 1¾.

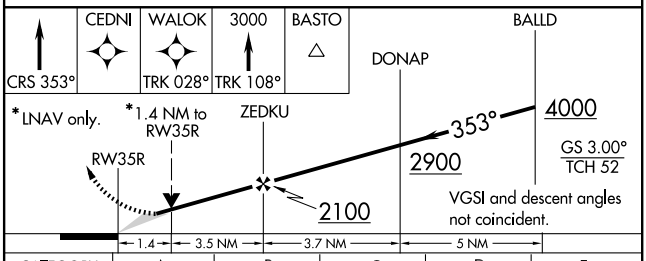
MALSR

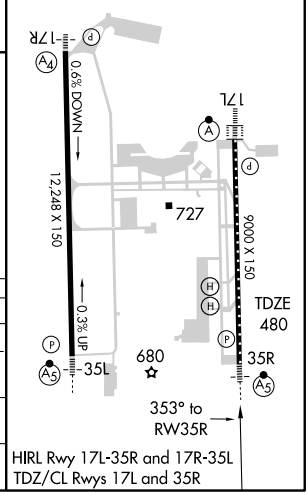
MISSED APPROACH: Climb via 353° course to CEDNI then via 028° to track to WALOK then via 108° track to 3000 to BASTO and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	880/50 400 (400-1)				
LNAV MDA	980/24 500 (500-½)		980/40 500 (500-¾)	980/50 500 (500-1)	980/60 500 (500-1¼)
CIRCLING	1040-1½ 498 (500-1½)			1160-2 618 (700-2)	1260-2½ 718 (800-2½)

HIRL Rwy 17L-35R and 17R-35L
TDZ/CL Rwys 17L and 35R

SC-3, 17 DEC 2009 to 14 JAN 2010

AUSTIN, TEXAS

AL-556 (FAA)

APP CRS	Rwy Idg	12248
353°	TDZE	496
	Apt Elev	542

RNAV (GPS) Y RWY 35L

AUSTIN-BERGSTROM INTL (AUS)

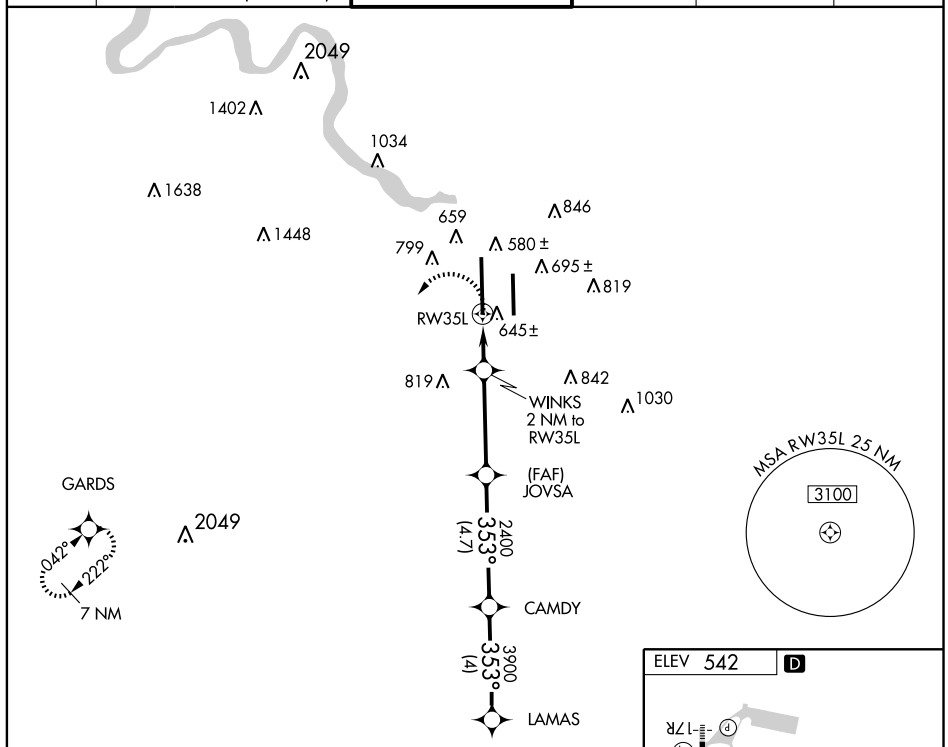
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000 and Cat E to 1½.

NA

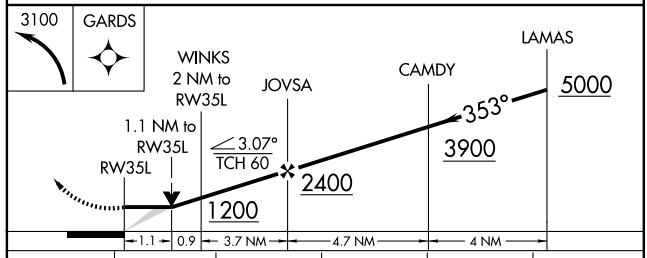
MALSR

MISSED APPROACH: Climbing left turn to 3100 direct GARDS and hold.

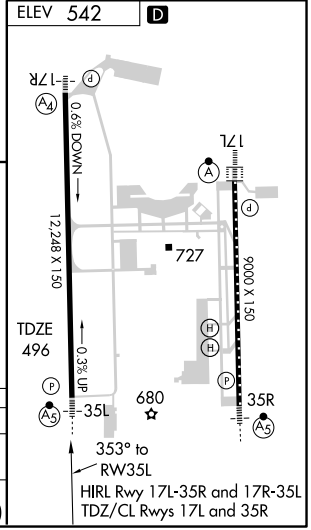
ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95



RADAR REQUIRED



CATEGORY	A	B	C	D	E
LNAV MDA	900/24	404 (400-½)	900/40 404 (400-¾)	900/50	404 (400-1)
CIRCLING	1040-1	498 (500-1)	1040-1½ 498 (500-1½)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	12248
353°	TDZE	496
	Apt Elev	542

RNAV (GPS) Z RWY 35L

AUSTIN-BERGSTROM INTL (AUS)

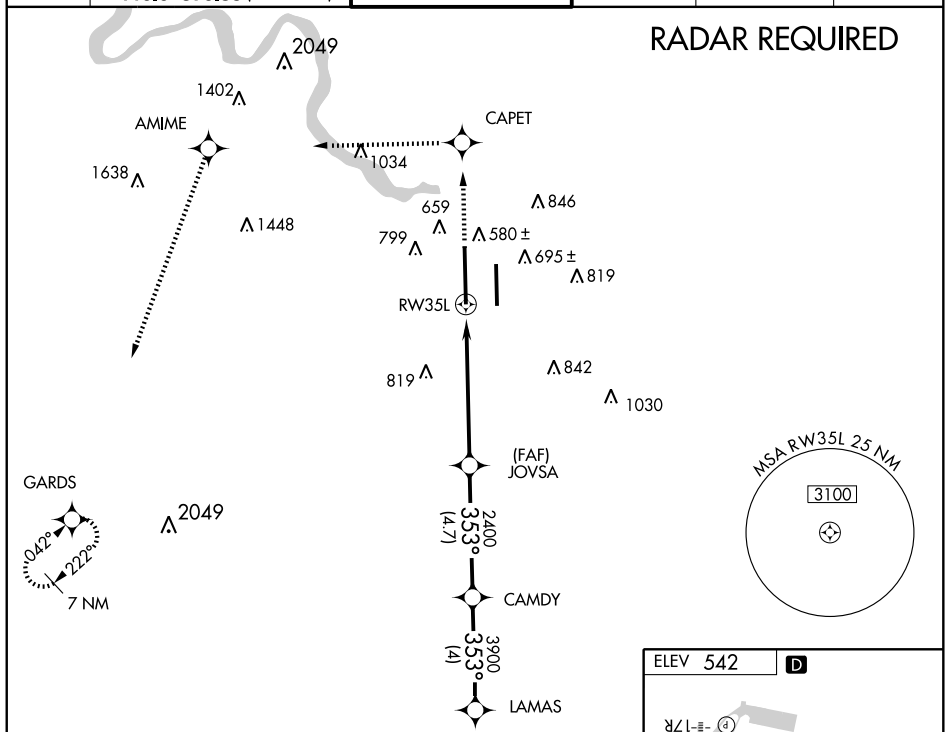
T Baro-VNAV NA Below -16°C (4°F).
NA GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.
For inoperative MALSR, increase LNAV/VNAV Cat E visibility to 1½ and LNAV Cat E visibility to 2¼.

MALSR

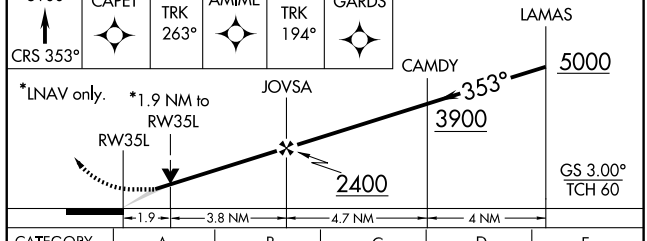
MISSED APPROACH: Climb to 3100 via 353° course to CAPET then via 263° track to AMIME then via 194° track to GARDS and hold.

ATIS	AUSTIN APP CON	AUSTIN TOWER	GND CON	CLNC DEL	UNICOM
124.4	127.225 317.65 (355°-175°) 119.0 370.85 (176°-354°)	121.0 281.5	121.9 348.6	125.5 263.0	122.95

RADAR REQUIRED

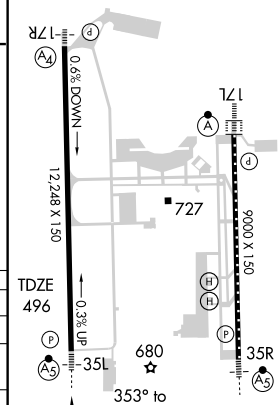


3100	CAPET	TRK 263°	AMIME	TRK 194°	GARDS
CRS 353°					



CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	900/50 404 (400-1)				
LNAV MDA	1140/24 644 (700-½)		1140/60 644 (700-1¼)	1140-1½ 644 (700-1½)	1140-1¾ 644 (700-1¾)
CIRCLING	1140-1½ 598 (600-1½)		1140-1¾ 598 (600-1¾)	1160-2 618 (700-2)	1260-2½ 718 (800-2½)

ELEV 542 D



HIRL Rwy 17L-35R and 17R-35L
TDZ/CL Rwys 17L and 35R

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB UBC	APP CRS	Rwy Idg	3906
239	358°	TDZE	1737
		Apt Elev	1737

NDB RWY 35

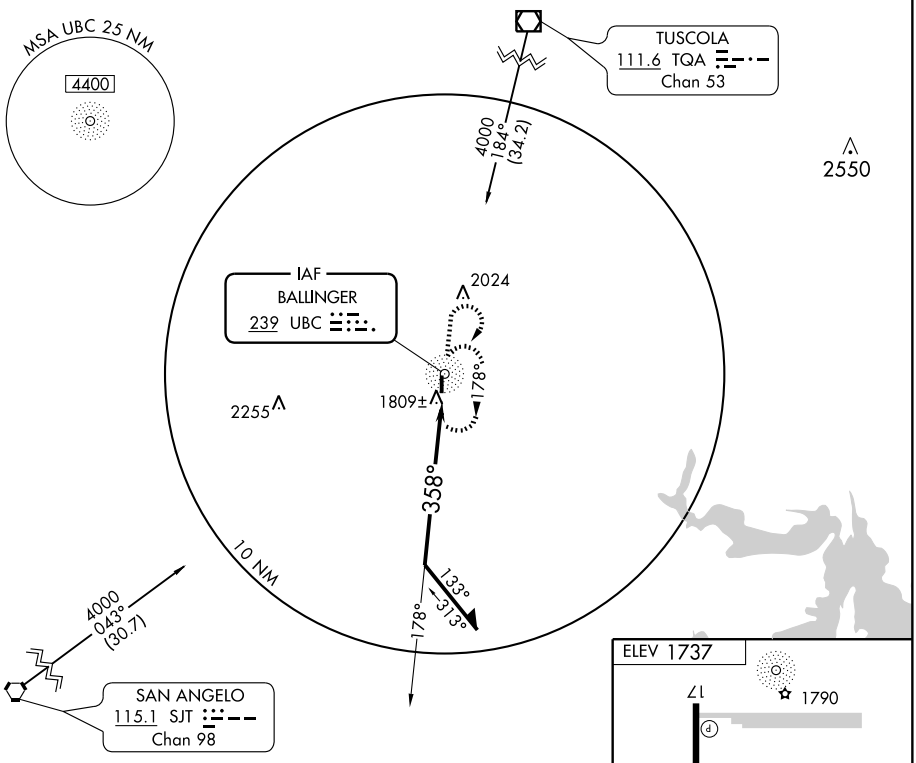
BALLINGER/BRUCE FIELD (E30)

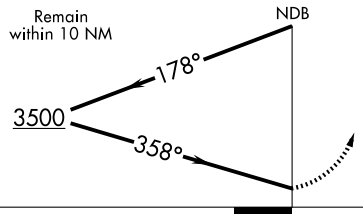
NA

Use San Angelo altimeter setting.

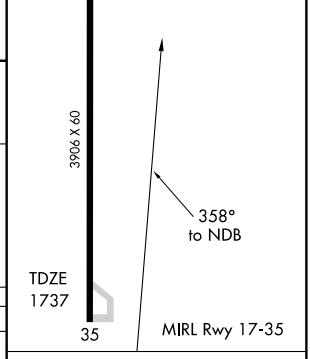
MISSED APPROACH: Climb to 3000, then climbing right turn to 3500 direct UBC NDB and hold.

SAN ANGELO APP CON*	CTAF
125.35 354.1	122.9





3000	3500	UBC 239



CATEGORY	A	B	C	D
S-35	2260-1	523 (600-1)	2260-1½ 523 (600-1½)	NA
CIRCLING	2260-1	523 (600-1)	2260-1½ 523 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3906
CH 86228	352°	TDZE	1738
W35A		Apt Elev	1738

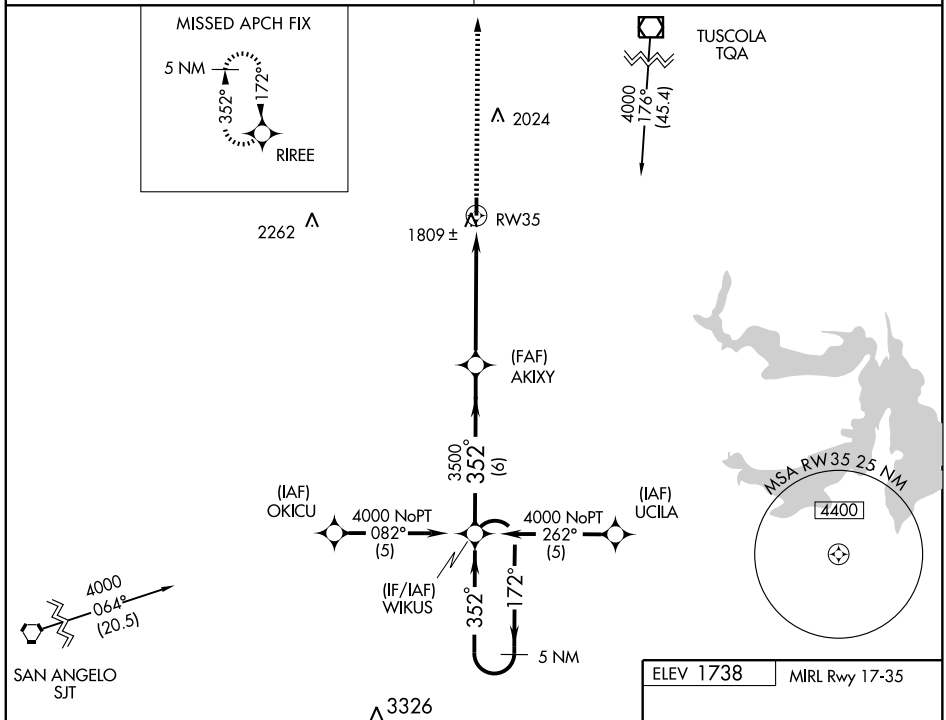
RNAV (GPS) RWY 35

BALLINGER/BRUCE FIELD (E30)

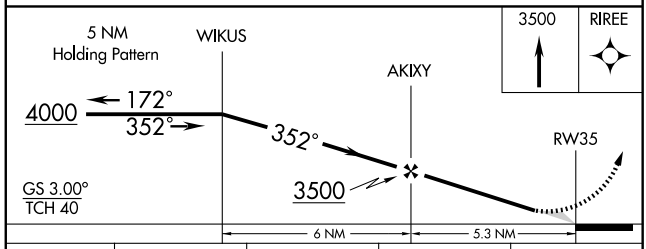
NA DME/DME RNP-0.3 NA. Use San Angelo Rgnl/Mathis Field altimeter setting, if not received use Curtis Field altimeter setting and increase all DA/MDAs 20 feet.

MISSED APPROACH: Climb to 3500 direct RIREE and hold.

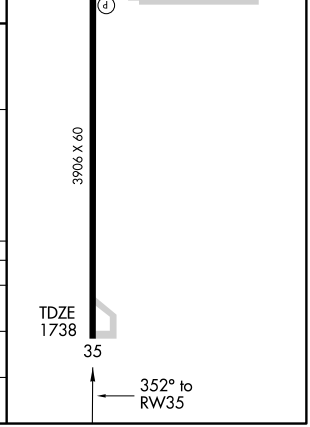
SAN ANGELO APP CON ★	CTAF
125.35 354.1	122.9



Procedure NA for arrivals at SJT VORTAC via airway radials 014 CW 102.



CATEGORY	A	B	C	D
LPV DA	2089-1¼ 351 (400-1¼)			NA
LNAV MDA	2160-1 422 (500-1)		2160-1¼ 422 (500-1¼)	NA
CIRCLING	2220-1 482 (500-1)		2220-1½ 482 (500-1½)	NA



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5107
128°	TDZE	45
	Apt Elev	45

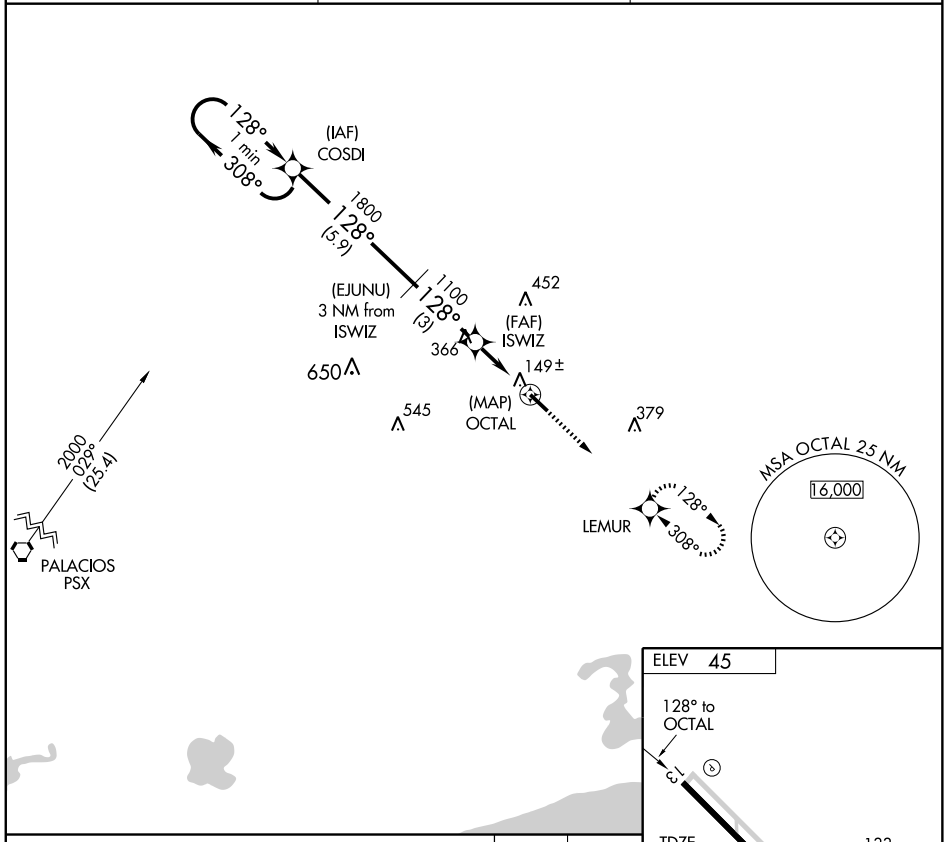
GPS RWY 13
BAY CITY MUNI (BYY)

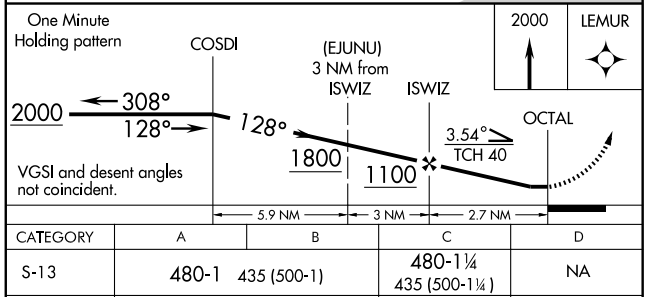
Use Palacios Muni altimeter setting.

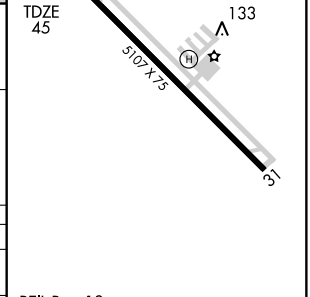
⚠ NA

MISSED APPROACH: Climb to 2000 direct LEMUR and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF)







CATEGORY	A	B	C	D
S-13	480-1	435 (500-1)	480-1¼ 435 (500-1¼)	NA
CIRCLING	520-1	475 (500-1)	520-1½ 475 (500-1½)	NA

REIL Rwy 13
MIRL Rwy 13-31

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5107
308°	TDZE	41
	Apt Elev	45

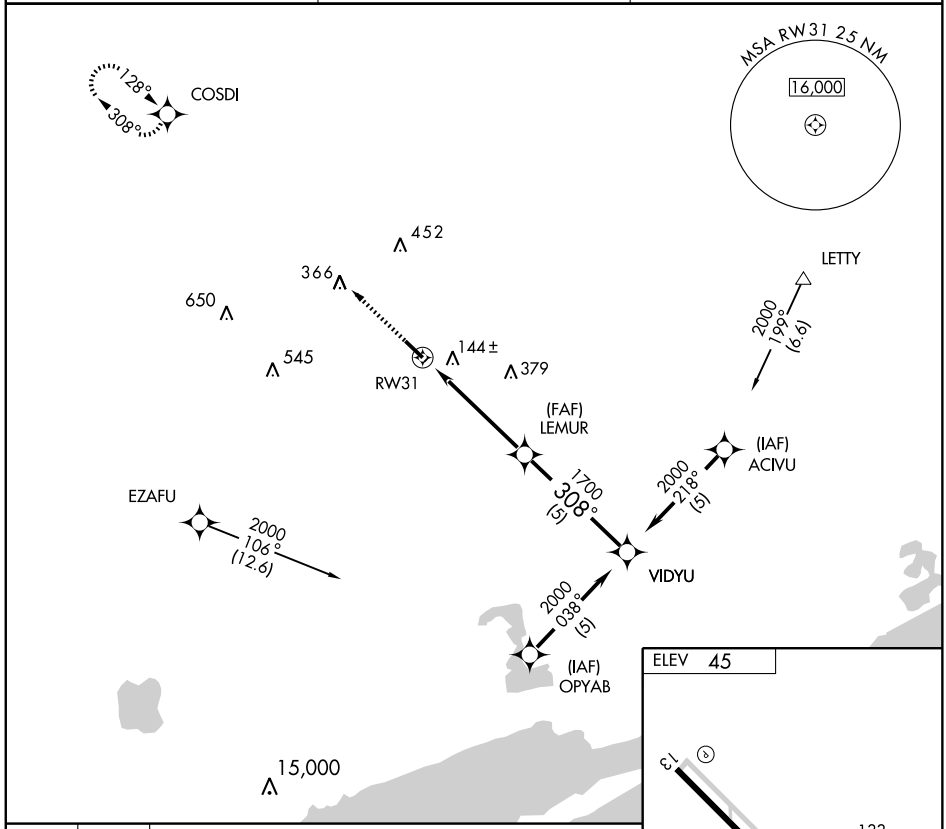
GPS RWY 31
BAY CITY MUNI (BYY)

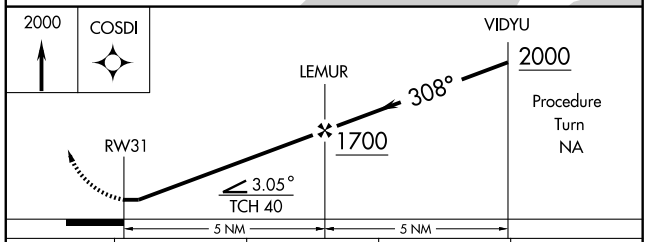
Use Palacios Muni altimeter setting.

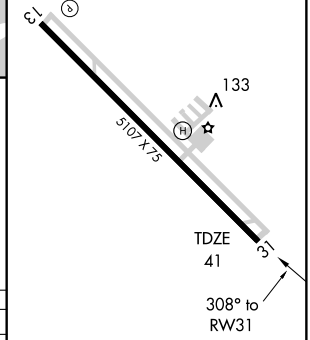
⚠ NA

MISSED APPROACH: Climb to 2000 direct COSDI WP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF)







CATEGORY	A	B	C	D
S-31	460-1	419 (500-1)	460-1¼ 419 (500-1¼)	NA
CIRCLING	520-1	475 (500-1)	520-1½ 475 (500-1½)	NA

REIL Rwy 13
MIRL Rwy 13-31

SC-5, 17 DEC 2009 to 14 JAN 2010

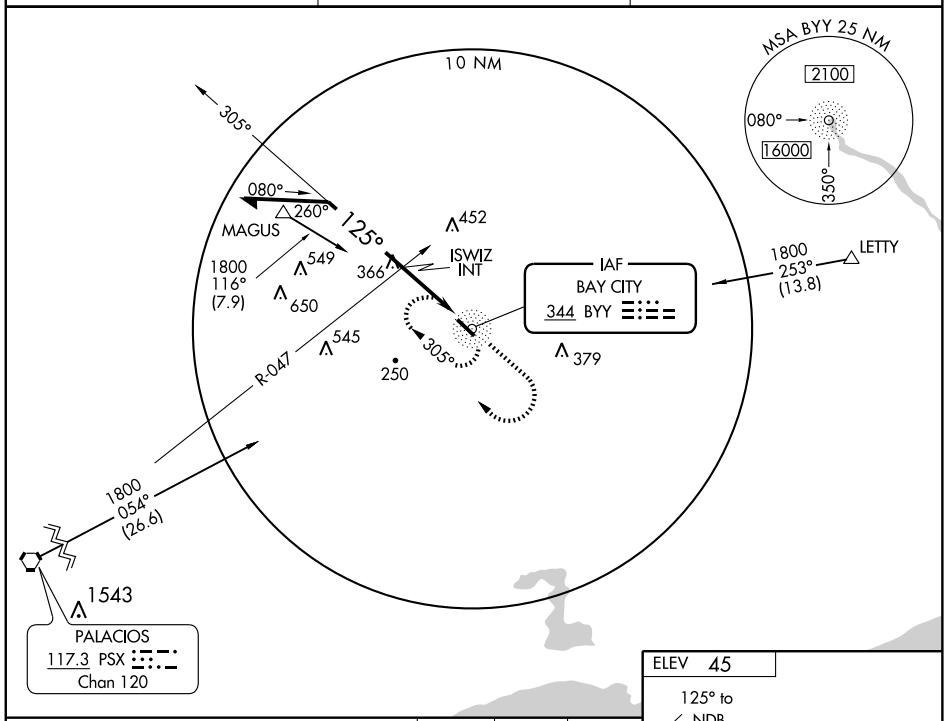
NDB BYY 344	APP CRS 125°	Rwy Idg 5107 TDZE 45 Apt Elev 45

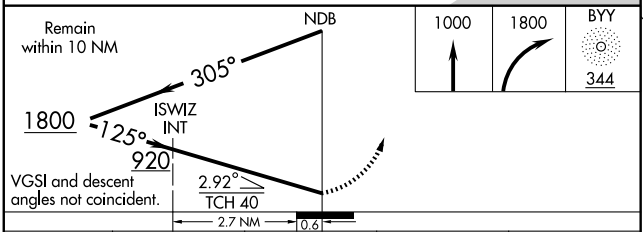
NDB RWY 13
BAY CITY MUNI (BYY)

⚠ NA — Use Palacios Muni altimeter setting.

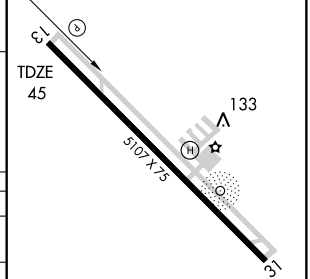
MISSED APPROACH: Climb to 1000 then climbing right turn to 1800 direct BYY NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF)





CATEGORY	A	B	C	D
S-13	920-1 875 (900-1)	920-1¼ 875 (900-1¼)	920- 2½ 875 (900-2½)	NA
CIRCLING	920-1 875 (900-1)	920-1¼ 875 (900-1¼)	920-2½ 875 (900-2½)	NA
ISWIZ MINIMUMS				
S-13	740-1	695 (700-1)	740-2 695 (700-2)	NA
CIRCLING	740-1	695 (700-1)	740-2 695 (700-2)	NA



REIL Rwy 13
MIRL Rwy 13-31

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR PSX 117.3 Chan 120	APP CRS 054°	Rwy Idg NA TDZE NA Apt Elev 45

VOR/DME-A

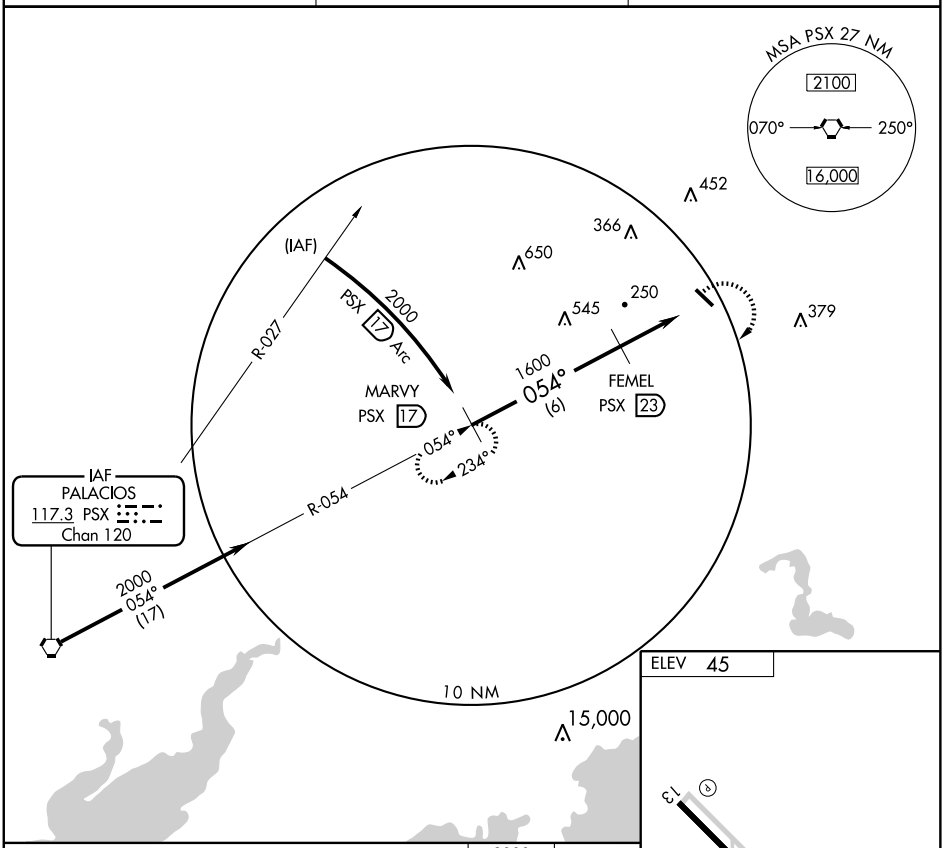
BAY CITY MUNI (BYY)

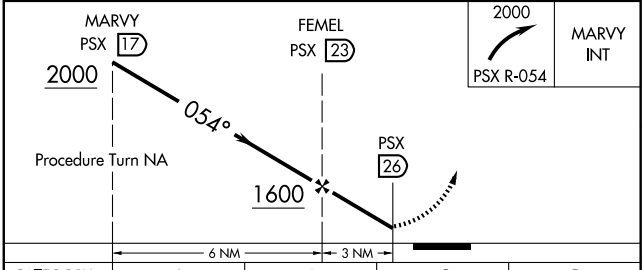
Use Palacios Muni altimeter setting.

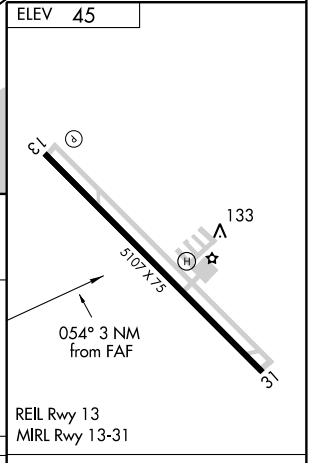
NA

MISSED APPROACH: Climbing right turn to 2000 via PSX VORTAC R-054 to MARVY/17 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	128.6 360.8	122.8 (CTAF)



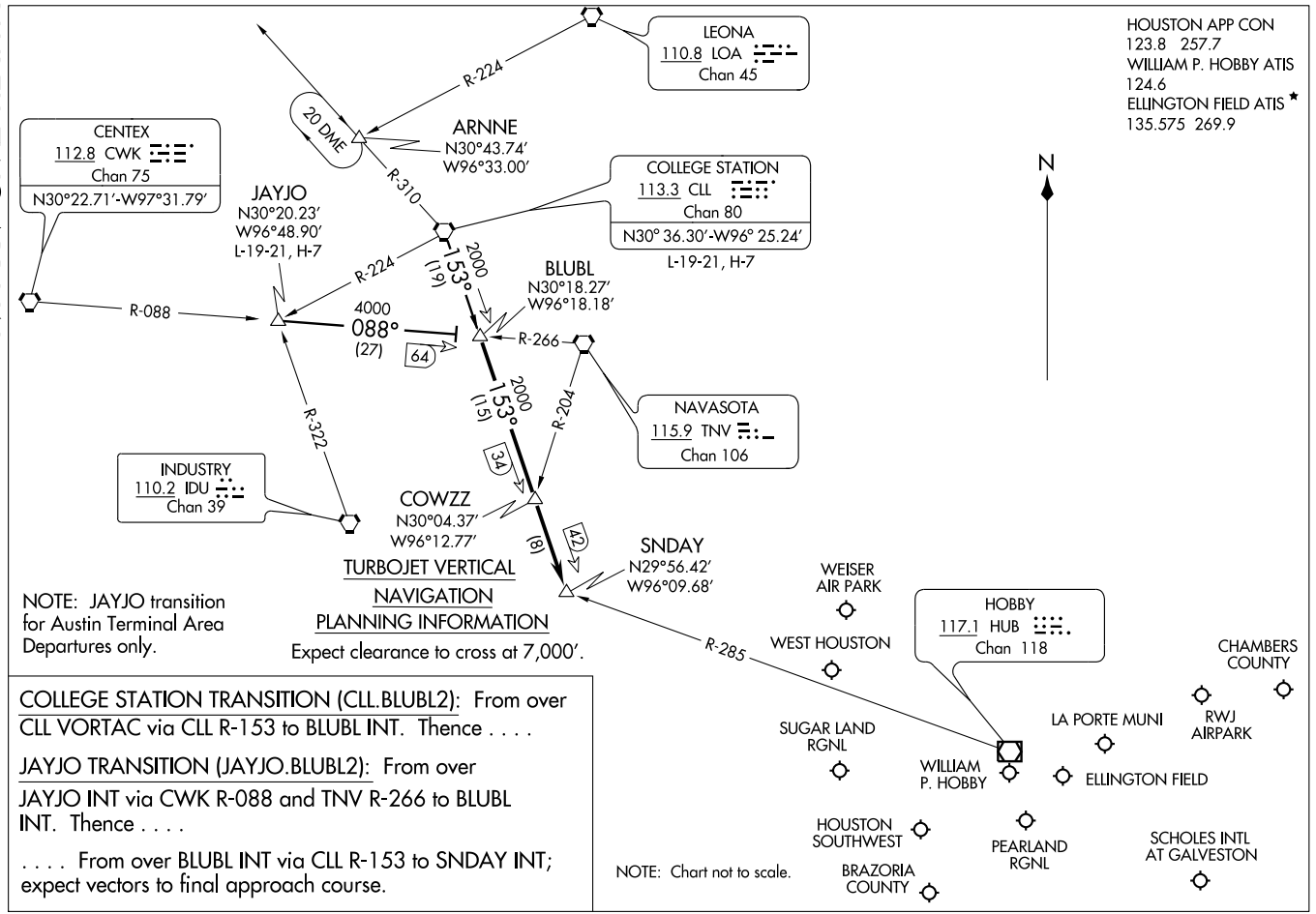




CATEGORY	A	B	C	D
CIRCLING	1080-1¼ 1035 (1100-1¼)	1080-1½ 1035 (1100-1½)	1080-3 1035 (1100-3)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010



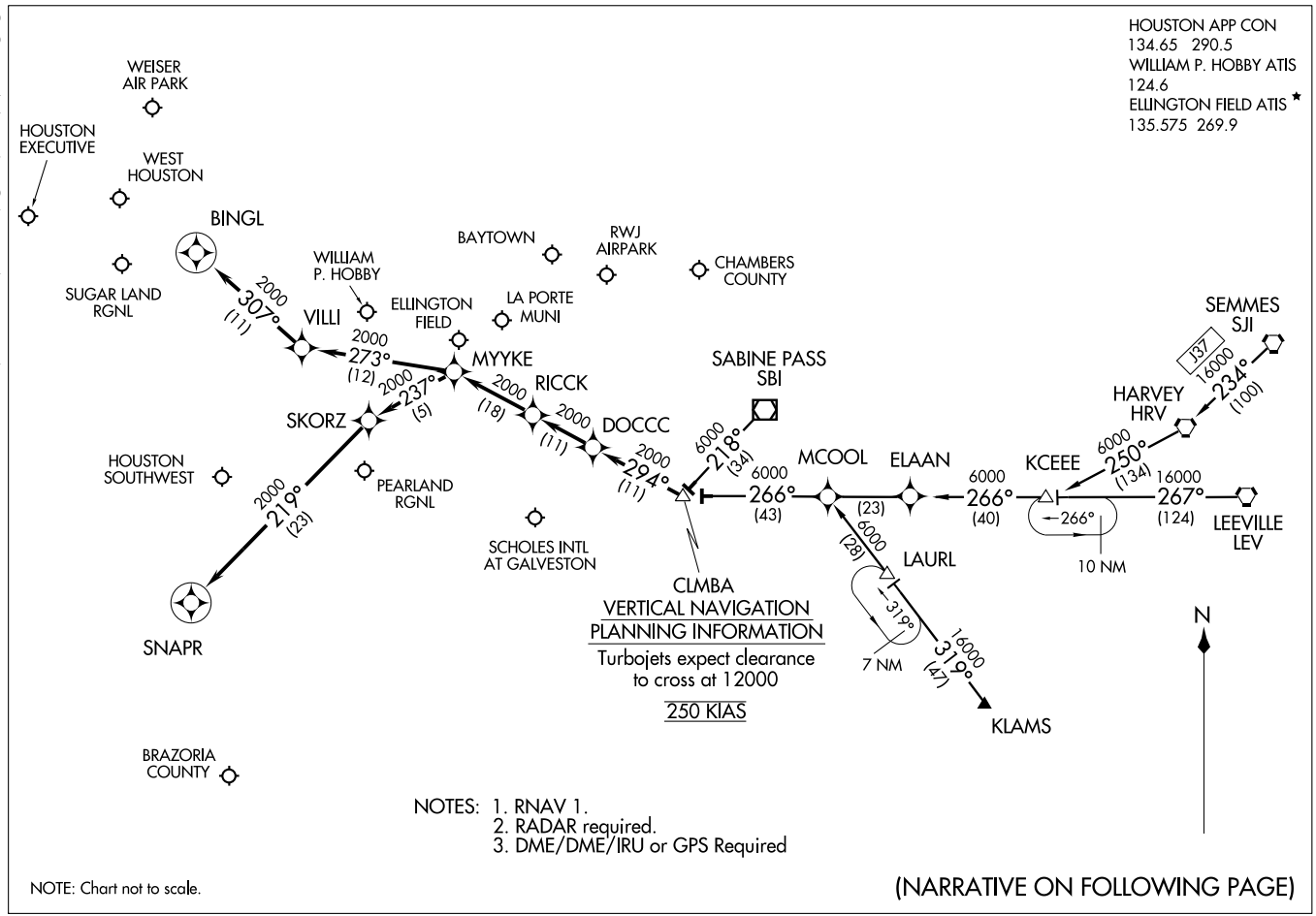
COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

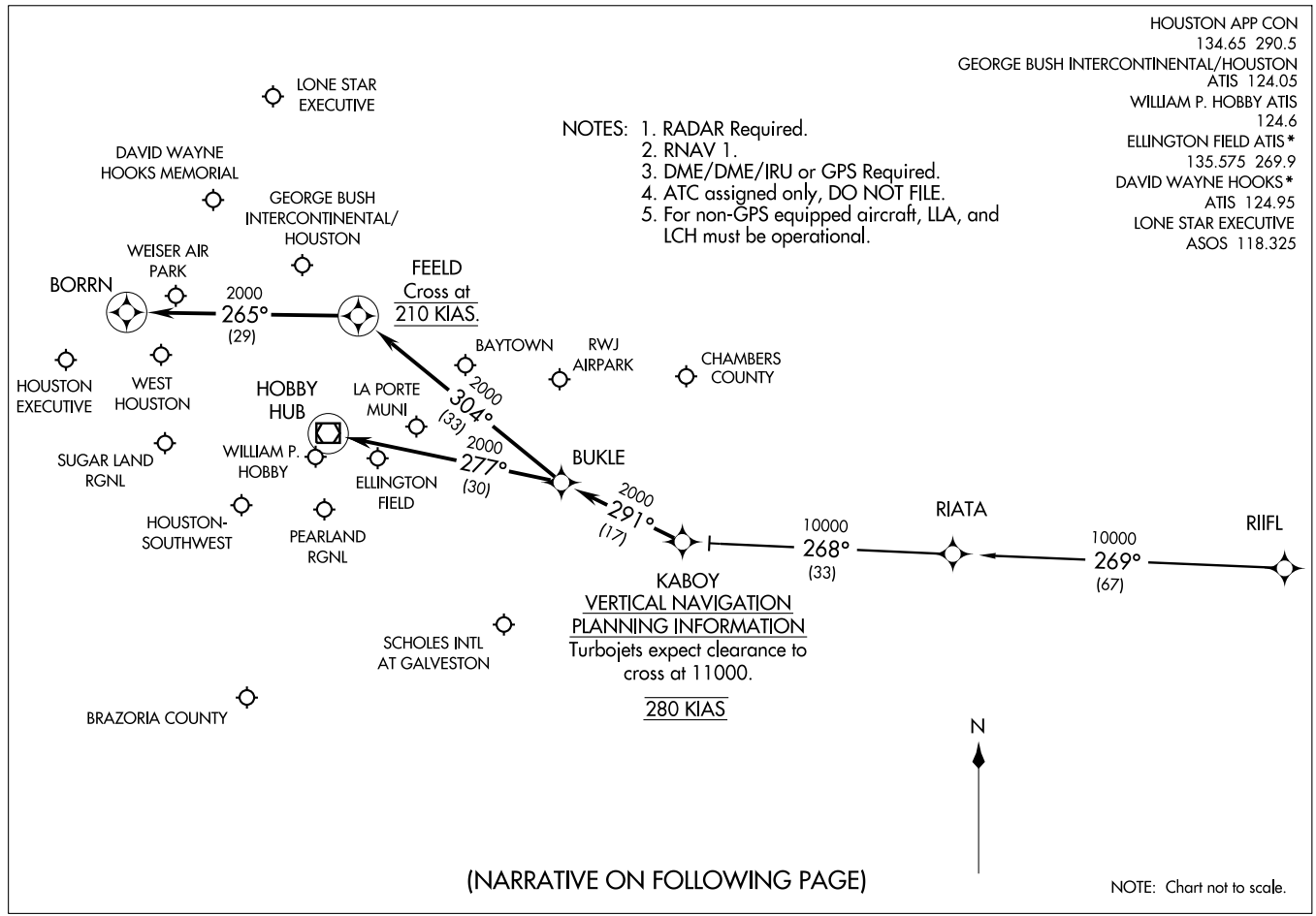
. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

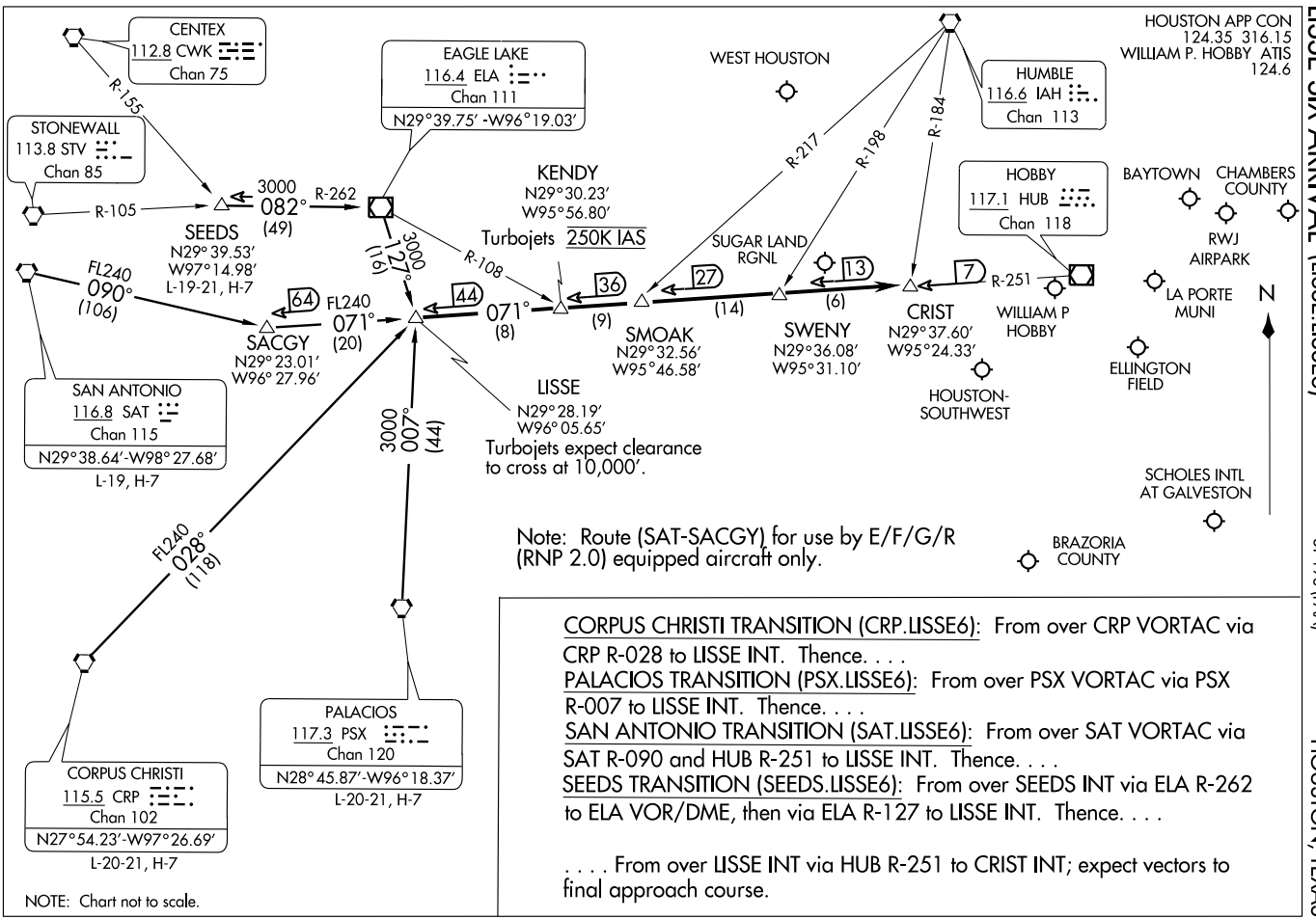
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

BAYTOWN, TEXAS

AL-6674 (FAA)

APP CRS	Rwy ldg	4096
263°	TDZE	28
	Apt Elev	33

RNAV (GPS) RWY 26

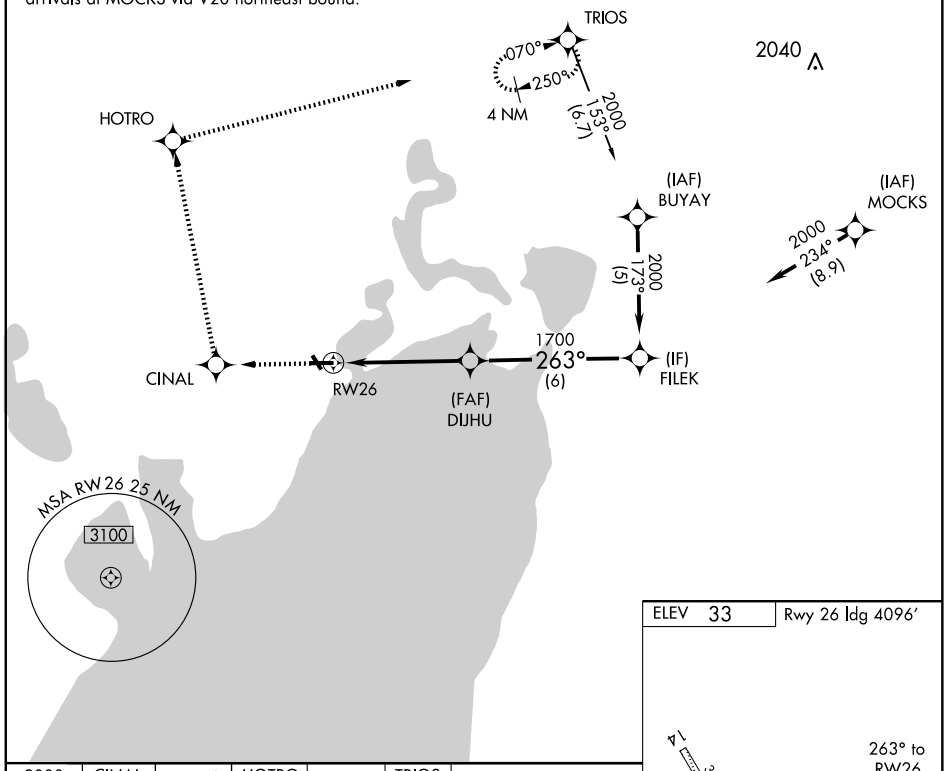
BAYTOWN/ RWJ AIRPARK (54T)

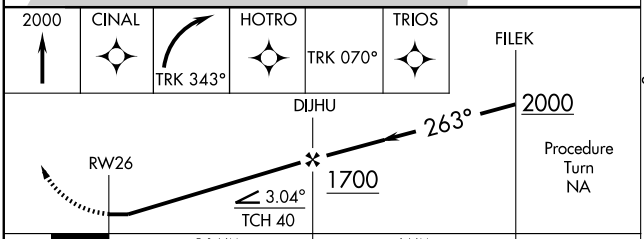
NA Use Houston, TX (William P. Hobby) altimeter setting.
DME/DME RNP-0.3 NA.
Circling NA at night to Rwy 14/32.

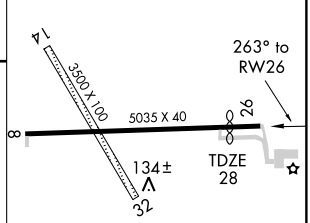
MISSED APPROACH: Climb to 2000 direct CINAL then right turn via 343° track to HOTRO and via 070° track to TRIOS and hold.

HOUSTON APP CON	UNICOM
134.45 284.0	122.7 (CTAF) L

Procedure NA for arrivals at TRIOS via V222 west bound, and arrivals at MOCKS via V20 northeast bound.







CATEGORY	A	B	C	D
LNAV MDA	460-1	432 (500-1)	460-1¼ 432 (500-1¼)	460-1½ 432 (500-1½)
CIRCLING	500-1	467 (500-1)	500-1½ 467 (500-1½)	600-2 567 (600-2)

LIRL Rwy 8-26 L

SC-5. 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3500
333°	TDZE	31
	Apt Elev	33

RNAV (GPS) RWY 32

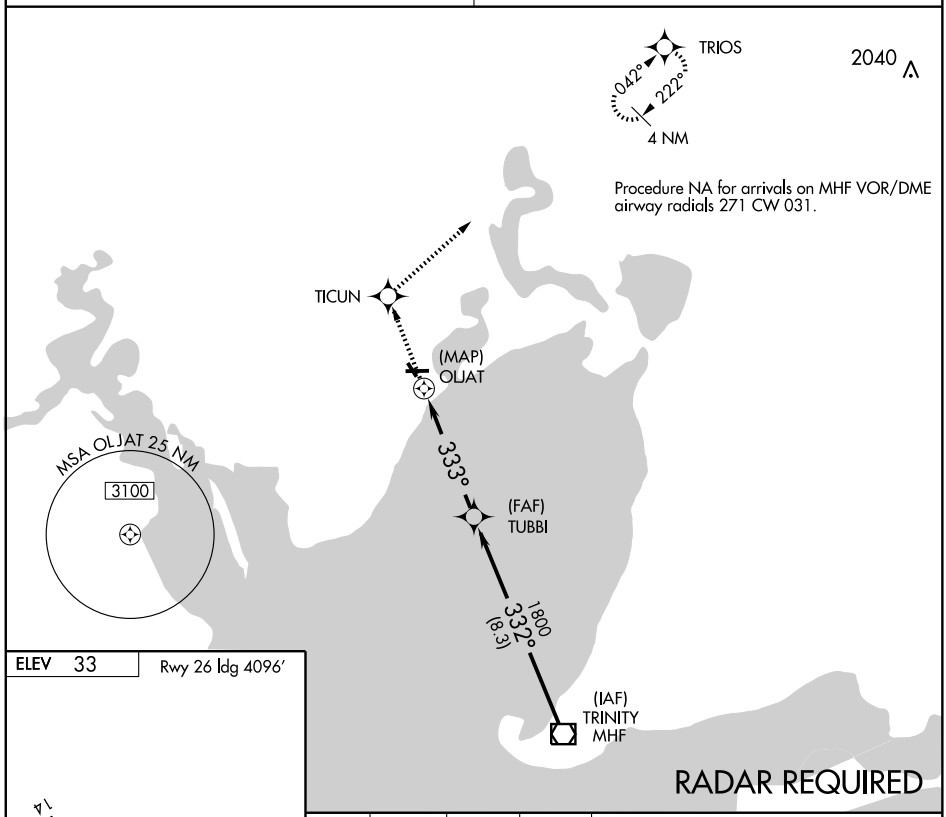
BAYTOWN/ RWJ AIRPARK (54T)

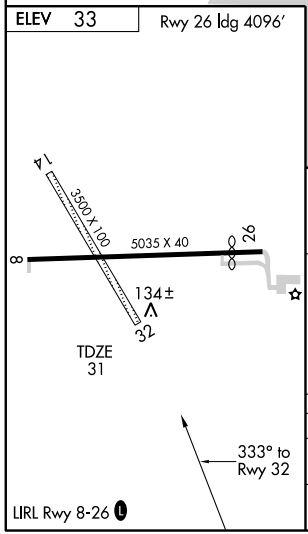
NA

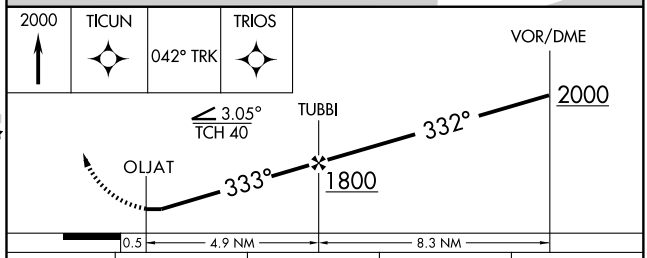
Use Houston, TX (William P. Hobby) altimeter setting.
GPS or RNP-0.3 required, DME/DME RNP-0.3 NA.
Straight in minimums NA at night.
Circling NA at night to Rwy 14/32.

MISSED APPROACH: Climb to 2000 direct TICUN then via 042° track to TRIOS and hold.

HOUSTON APP CON	UNICOM
134.45 284.0	122.7 (CTAF) L

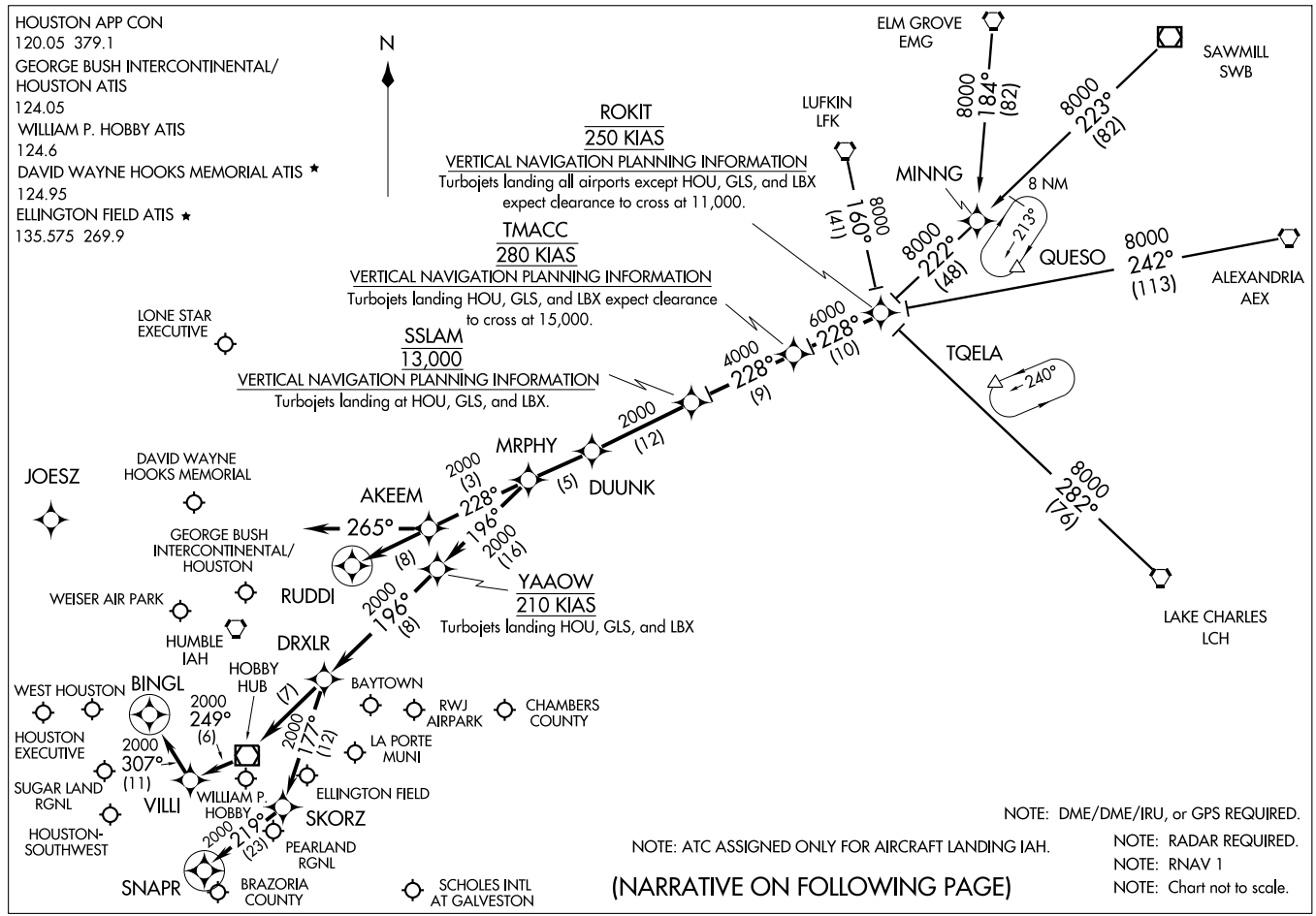






CATEGORY	A	B	C	D
LNAV MDA	460-1 429 (500-1)		NA	
CIRCLING	500-1 467 (500-1)		NA	

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

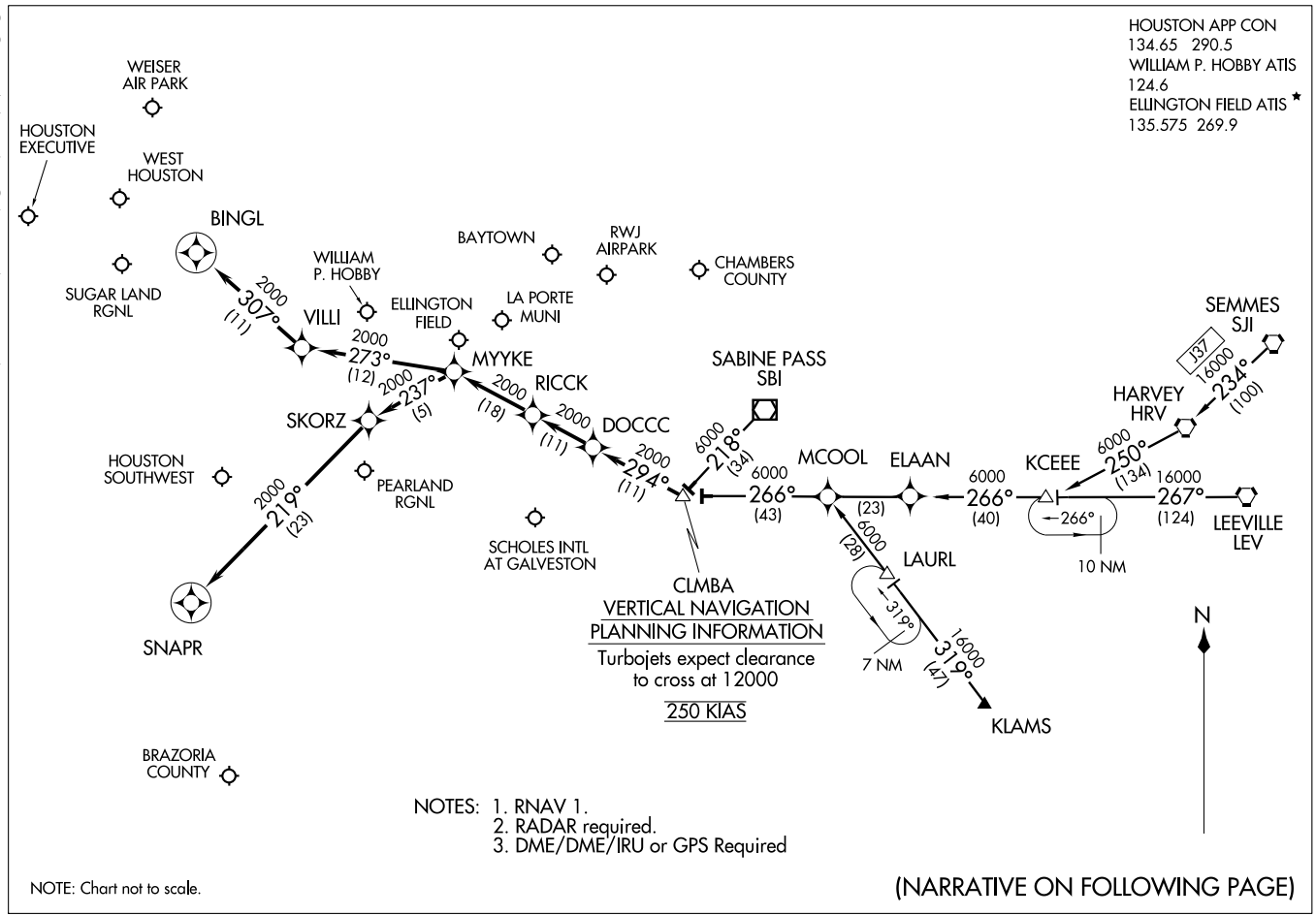
ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

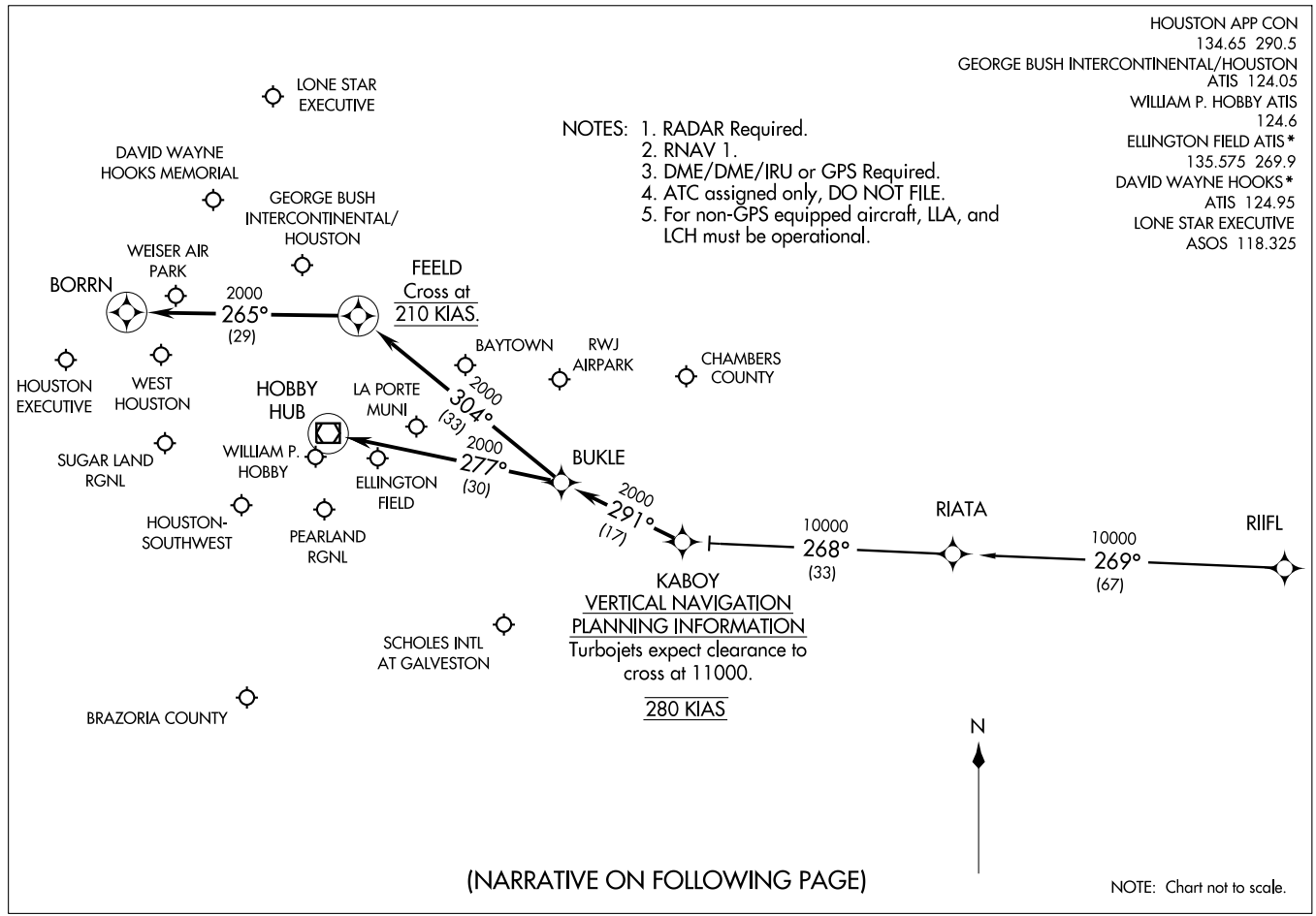
. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

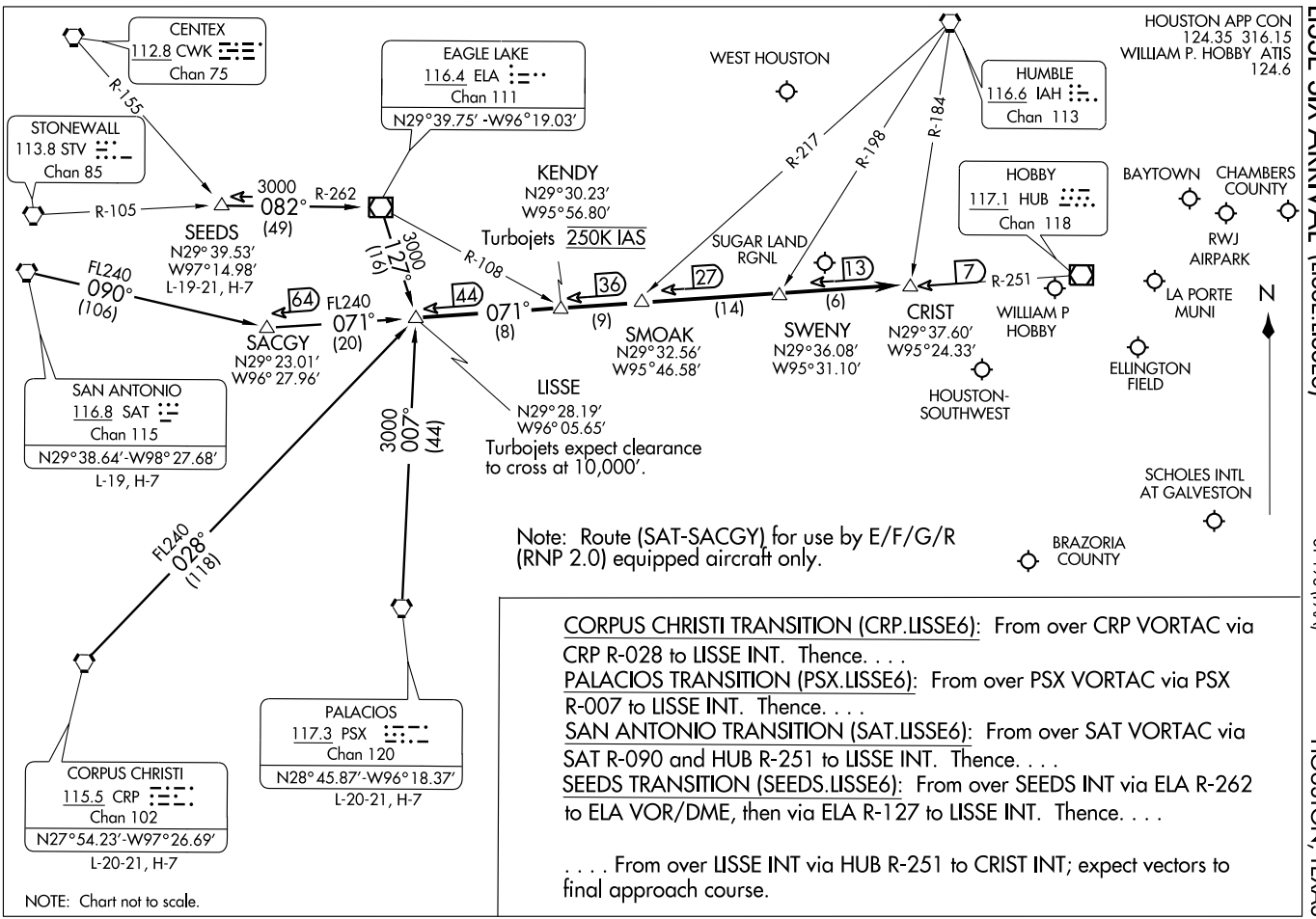
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



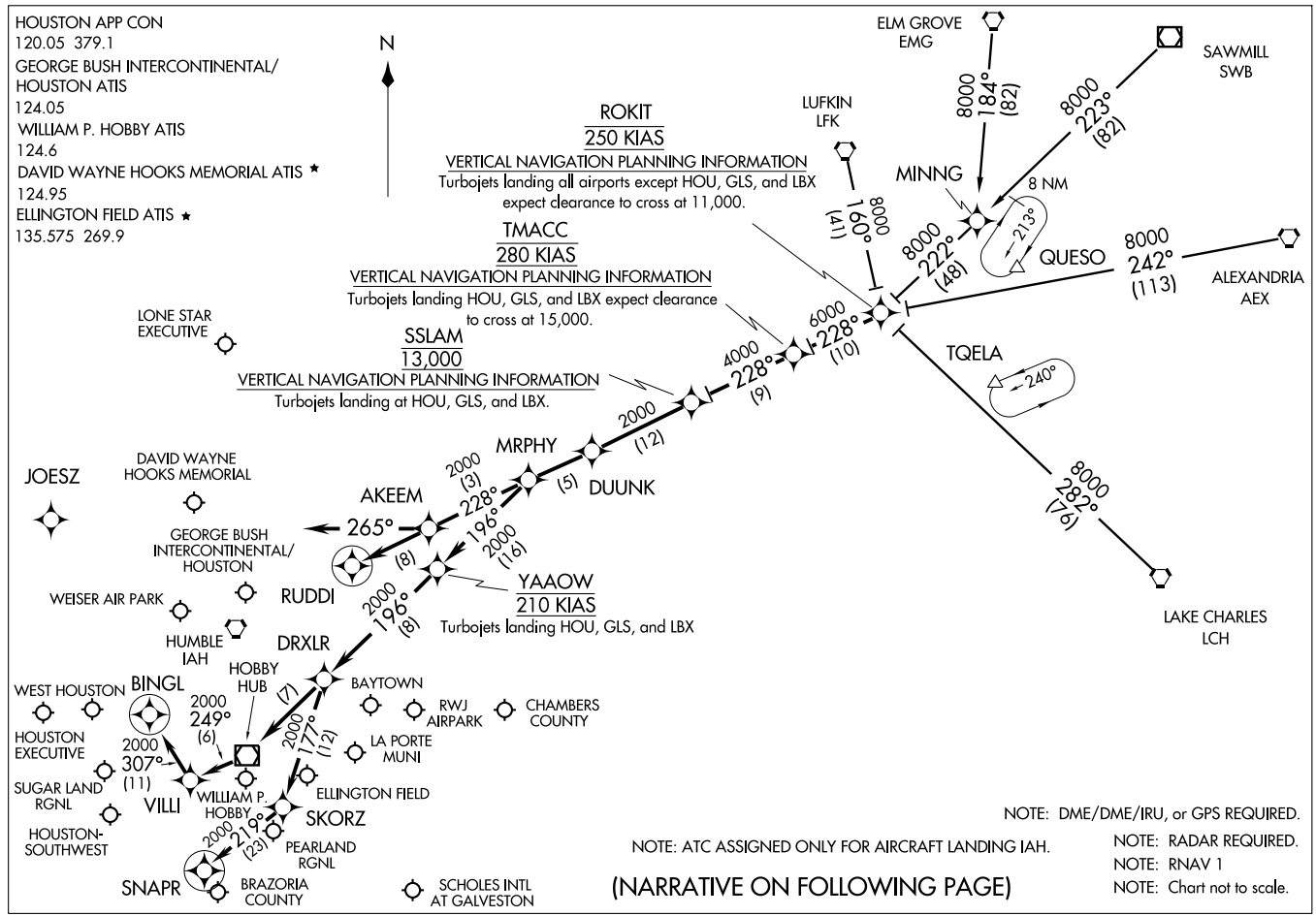
CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3668
128°	TDZE	31
	Apt Elev	32

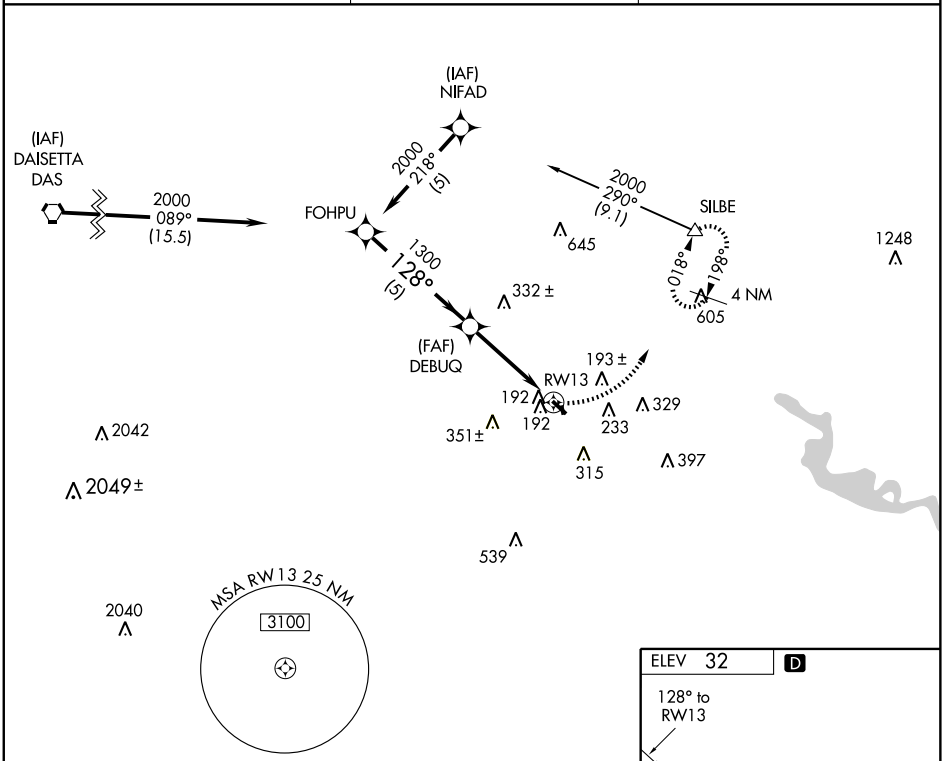
RNAV (GPS) RWY 13

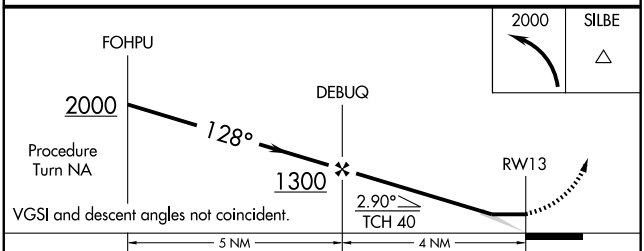
BEAUMONT MUNI (BMT)

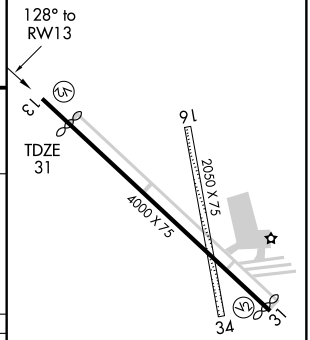
Use Beaumont-Port Arthur, TX (Southeast Texas Rgnl) altimeter setting.
NA Circling NA Rwy 16-34. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 2000 direct SILBE and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
121.3 377.1	121.75	123.0 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	540-1 509 (600-1)		540-1½ 509 (600-1½)	
CIRCLING	580-1 548 (600-1)		620-1½ 588 (600-1½)	720-2¼ 688 (700-2¼)

REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3933
311°	TDZE	31
	Apt Elev	32

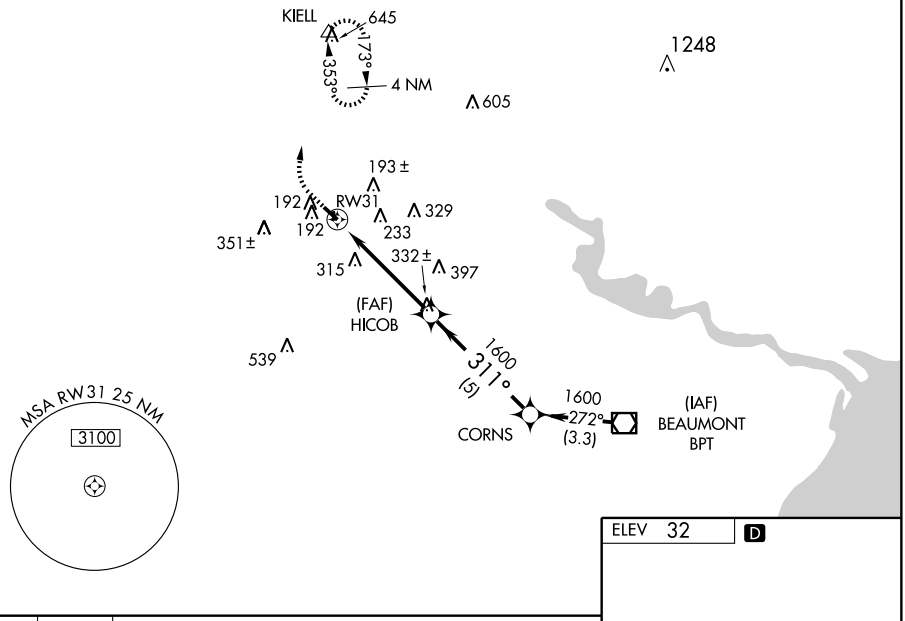
RNAV (GPS) RWY 31

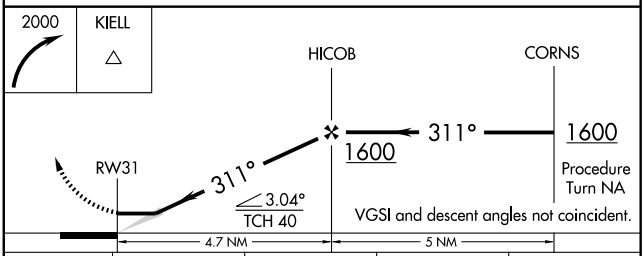
BEAUMONT MUNI (BMT)

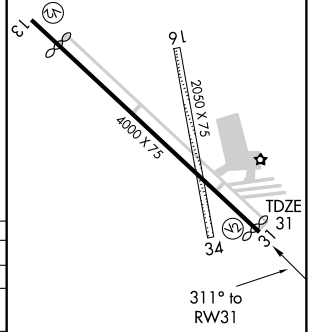
Use Beaumont-Port Arthur, TX (Southeast Texas Rgnl) altimeter setting. Circling NA to Rwy 16-34. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 2000 direct KIELL WP and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
121.3 377.1	121.75	123.0 (CTAF) L







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	600-1 568 (600-1)		600-1 ½ 568 (600-1½)	600-1 ¾ 568 (600-1¾)
CIRCLING	600-1 568 (600-1)		620-1 ½ 588 (600-1½)	720-2 ¼ 688 (700-2¼)

REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME BPT	APP CRS	Rwy Idg	3668
114.5	119°	TDZE	31
Chan 92		Apt Elev	32

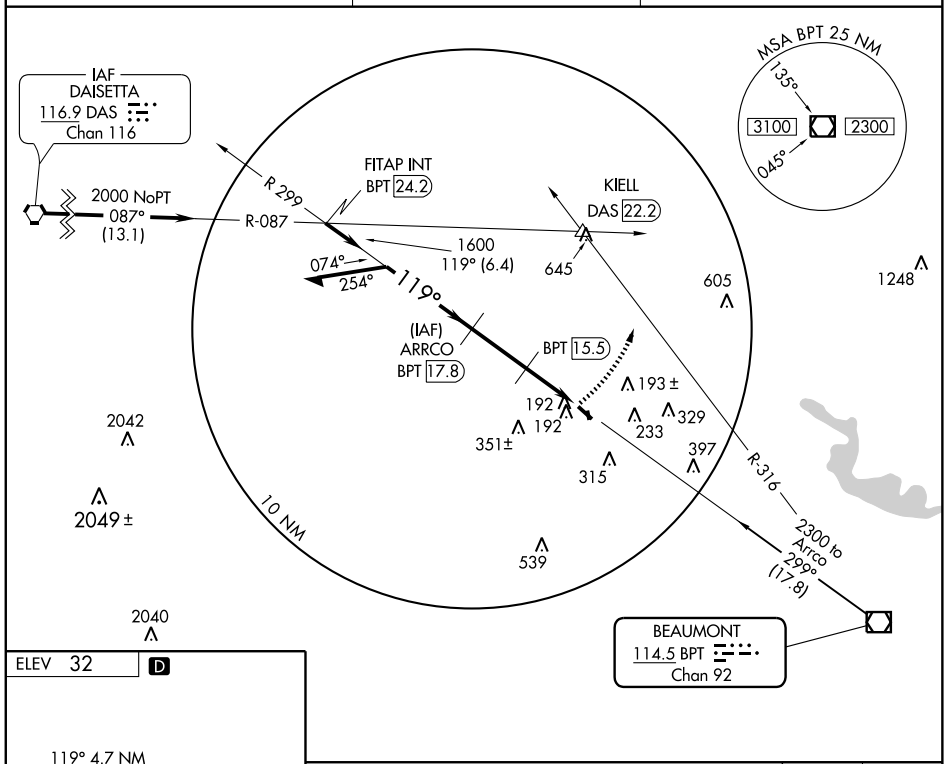
VOR/DME RWY 13

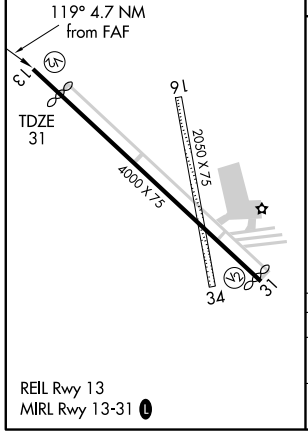
BEAUMONT MUNI (BMT)

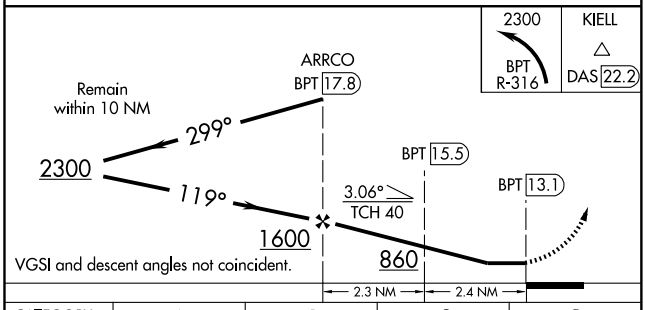
T NA — Use Beaumont-Port Arthur, TX (Southeast Texas Rgnl) altimeter setting. Circling NA Rwy 16-34.

MISSED APPROACH: Climbing left turn to 2300 via BPT R-316 to KIELL INT/DAS 22.2 DME.

HOUSTON APP CON	CLNC DEL	UNICOM
121.3 377.1	121.75	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-13	540-1 509 (600-1)		540-1½ 509 (600-1½)	
CIRCLING	580-1 548 (600-1)		620-1½ 588 (600-1½)	720-2 ¼ 688 (700-2 ¼)

REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 17 DEC 2009 to 14 JAN 2010

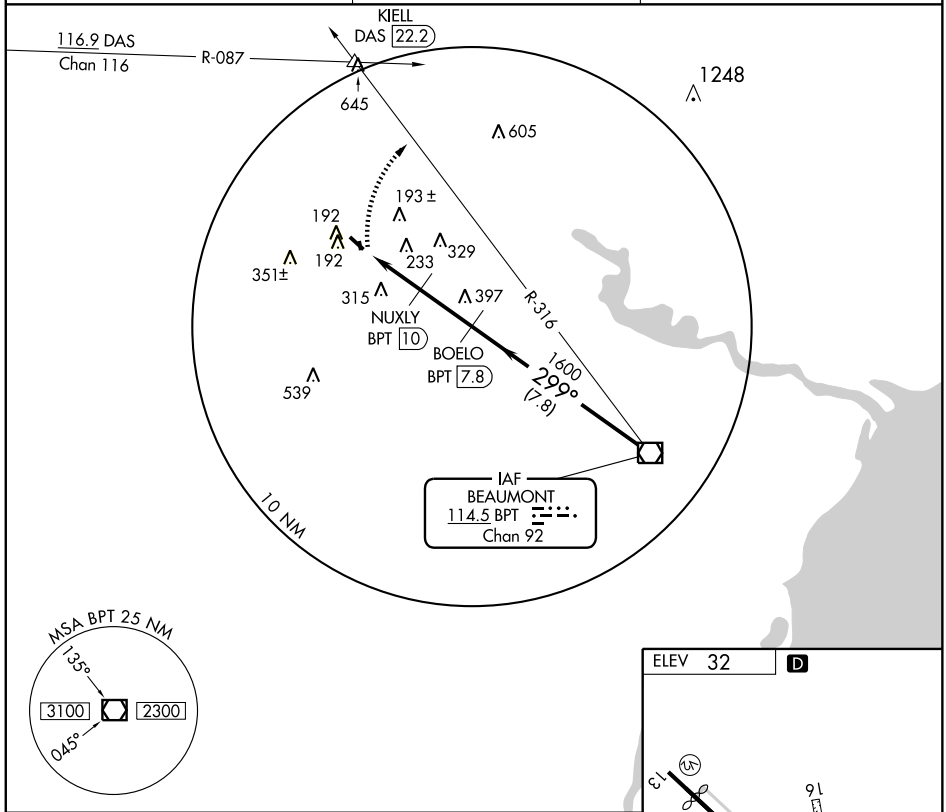
VOR/DME BPT	APP CRS	Rwy Idg	3933
114.5	299°	TDZE	32
Chan 92		Apt Elev	32

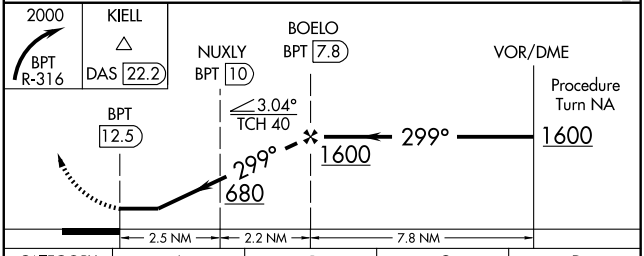
VOR/DME RWY 31
BEAUMONT MUNI (BMT)

Use Beaumont-Port Arthur, TX (Southeast Texas Rgnl) altimeter setting. Circling NA Rwy 16-34.

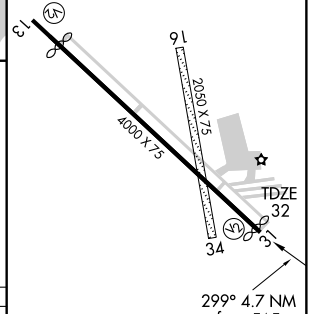
MISSED APPROACH: Climbing right turn to 2000 via BPT R-316 to KIELL INT/DAS 22.2 DME.

HOUSTON APP CON	CLNC DEL	UNICOM
121.3 377.1	121.75	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-31	600-1	568 (600-1)	600-1½ 568 (600-1½)	600-1¾ 568 (600-1¾)
CIRCLING	600-1	568 (600-1)	620-1½ 588 (600-1½)	720-2¼ 688 (700-2¼)



REIL Rwy 13
MIRL Rwy 13-31 L

SC-5, 17 DEC 2009 to 14 JAN 2010

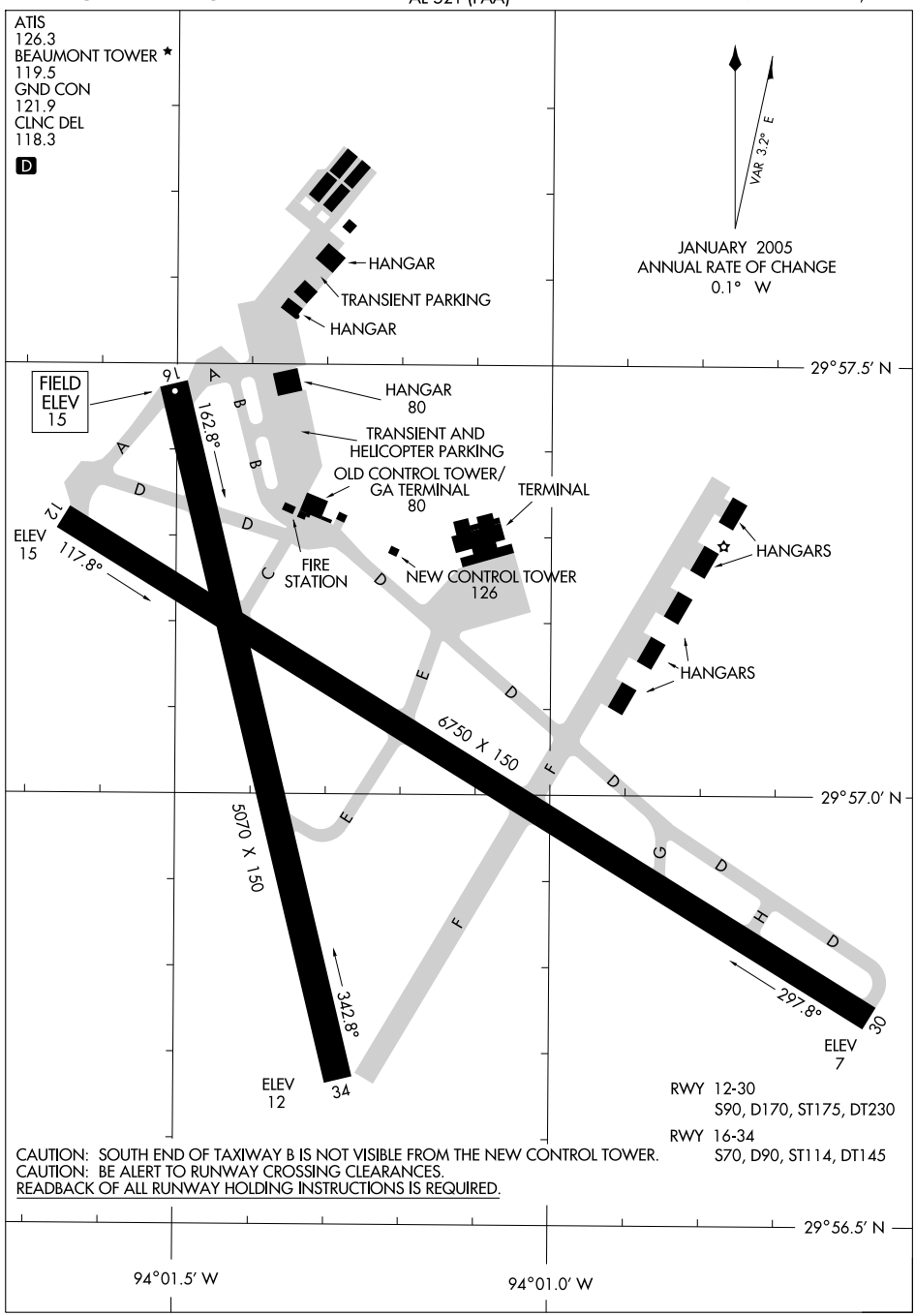
09295

AIRPORT DIAGRAM

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

AL-521 (FAA)

BEAUMONT-PORT ARTHUR, TEXAS



SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BPT	APP CRS	Rwy Idg	6750
110.15	116°	TDZE	15
Chan 38(Y)		Apt Elev	15

ILS or LOC RWY 12

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

When local altimeter setting not received, use Orange County altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase S-LOC 12 Cat A visibility to RVR 4000, Cat C to 2 miles, Cat D to 2¼ mile, Cat E to 2½ miles and increase Circling Cat C visibility to 2½ miles, Cat D to 2¾ miles and Cat E to 3 miles. COUGS Fix minimums: increase S-LOC 12 Cat E visibility to RVR 6000 and Circling Cat E visibility to 3 miles.

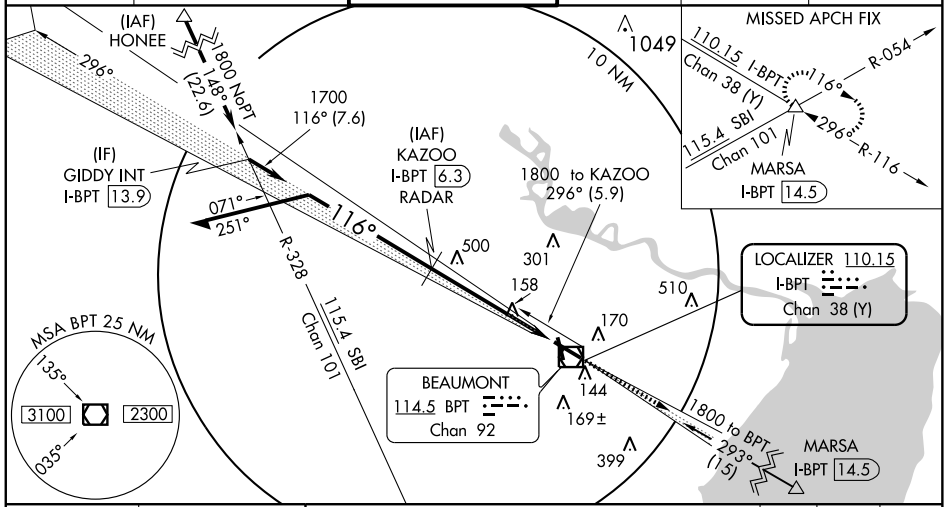
For inoperative MALSR increase S-ILS 12 Cat E visibility to RVR 4000 and S-LOC 12 Cat E to 2½ miles, COUGS Fix minimums: increase S-ILS 12 Cat E visibility to RVR 4000 and S-LOC Cat E to 1½ miles.

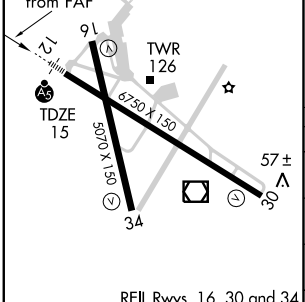
For inoperative MALSR when using Orange County altimeter setting, increase S-ILS 12 Cat E visibility to RVR 4000 and S-LOC 12 Cat A to 1 mile, and Cat E to 3 miles, COUGS Fix minimums: increase S-ILS 12 Cat E visibility to RVR 4000 and S-LOC Cat E to 1¾ miles. VDP NA when using Orange County altimeter setting. DME or RADAR required.

MALSR (A5)

MISSED APPROACH: Climb to 3000 via I-BPT SE course to MARSA Int/I-BPT 14.5 DME and hold.

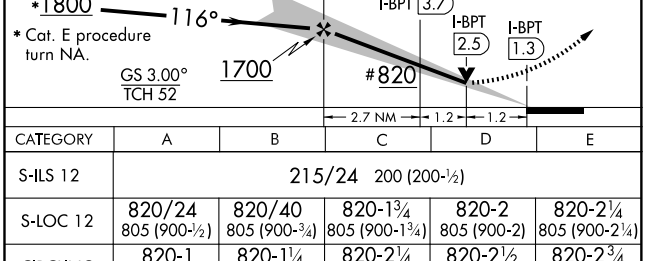
ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95





REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D	E
S-ILS 12	215/24 200 (200-½)				
S-LOC 12	820/24 805 (900-½)	820/40 805 (900-¾)	820-1¾ 805 (900-1¾)	820-2 805 (900-2)	820-2¼ 805 (900-2¼)
CIRCLING	820-1 805 (900-1)	820-1¼ 805 (900-1¼)	820-2¼ 805 (900-2¼)	820-2½ 805 (900-2½)	820-2¾ 805 (900-2¾)
COUGS FIX MINIMUMS					
S-LOC 12	460/24 445 (500-½)		460/40 445 (500-¾)	460/50 445 (500-1)	
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC I-BPT	APP CRS	Rwy Idg	6750
110.15	296°	TDZE	12
Chan 38(Y)		Apt Elev	15

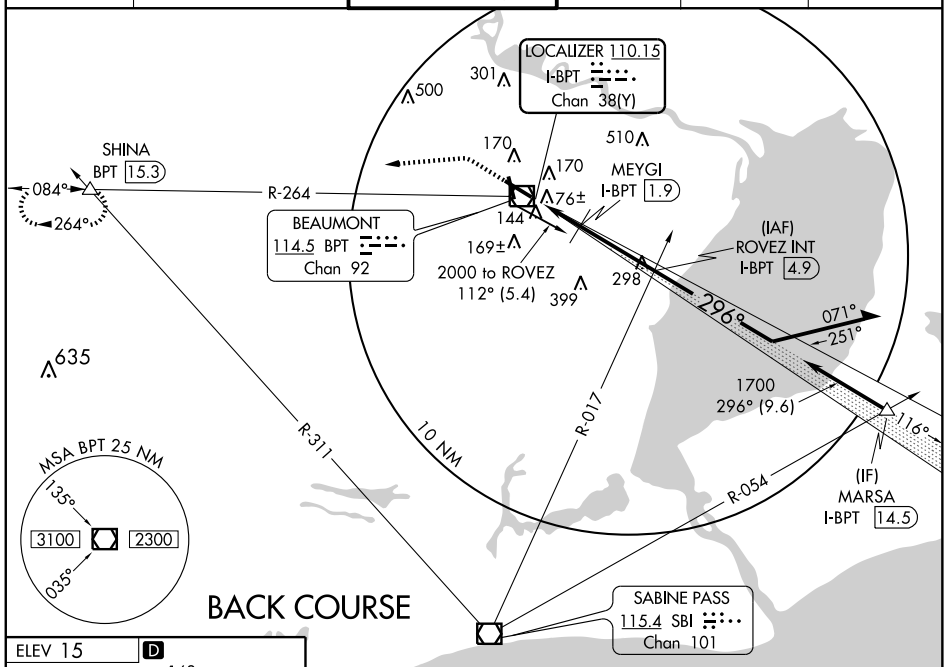
LOC BC RWY 30

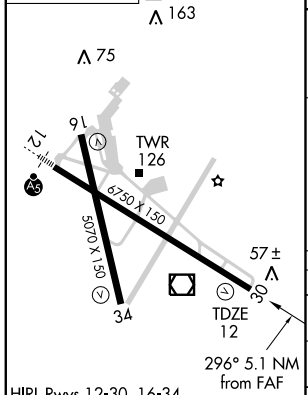
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

Visibility reduction by helicopters NA. When local altimeter setting not received, use Orange County altimeter setting and increase all MDA 40 feet, increase Circling Cat E visibility ¼ mile, MEYGI fix minimums: increase S-30 Cat C/D/E visibility ¼ mile and Circling Cat E ¼ mile.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 via BPT VOR/DME R-264 to SHINA Int/BPT 15.3 DME and hold.

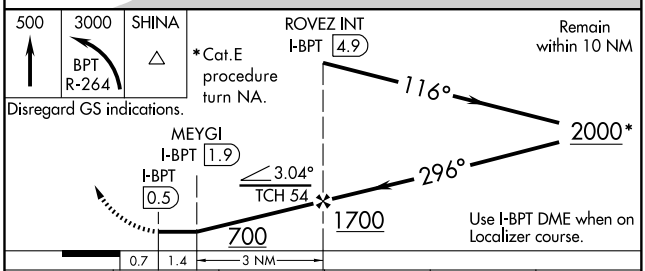
ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95





HIRL Rwys 12-30, 16-34
REIL Rwys 16, 30 and 34

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D	E
S-30	700-1 688 (700-1)		700-2 688 (700-2)	700-2¼ 688 (700-2¼)	700-2½ 688 (700-2½)
CIRCLING	700-1 685 (700-1)		700-2 685 (700-2)	700-2¼ 685 (700-2¼)	820-2¾ 805 (900-2¾)
MEYGI FIX MINIMUMS					
S-30	400-1 388 (400-1)			400-1¼ 388 (400-1¼)	
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS		
CH 99715	116°	Rwy Idg	6750
W12A		TDZE	15
		Apt Elev	15

RNAV (GPS) RWY 12

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

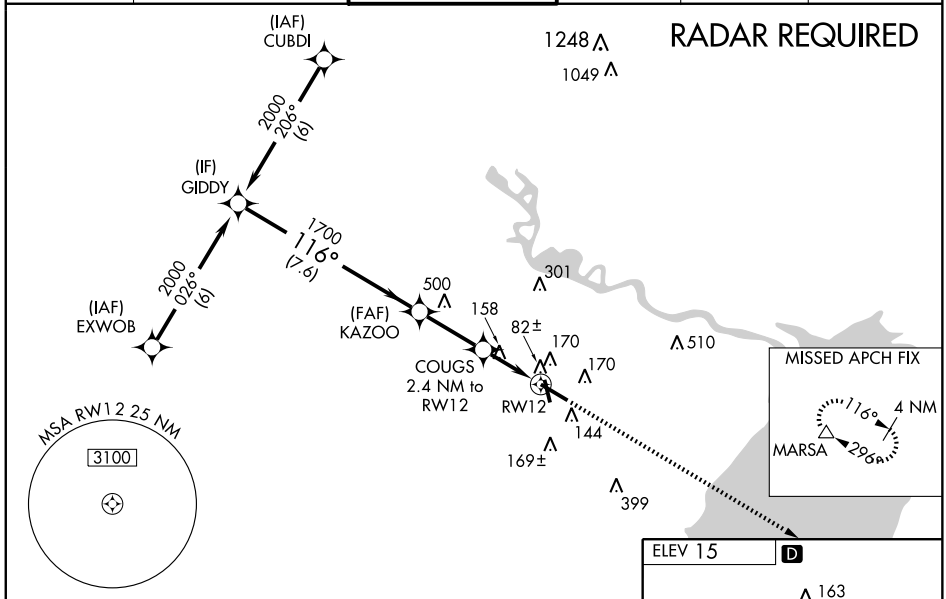
Baro-VNAV NA when using Orange County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Orange County altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LNAV/VNAV Cat E, LNAV Cat E and Circling Cat E visibility ¼ mile. For inoperative MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E to RVR 6000 and LNAV Cat E to 1½ miles. For inoperative MALSR when using Orange County altimeter setting, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E to 1½ miles, and LNAV Cat E to 1¾ miles. VDP NA when using Orange County altimeter setting.

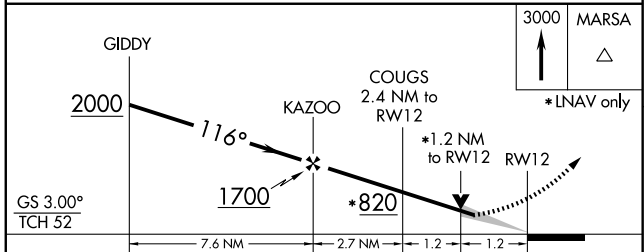
MALSR

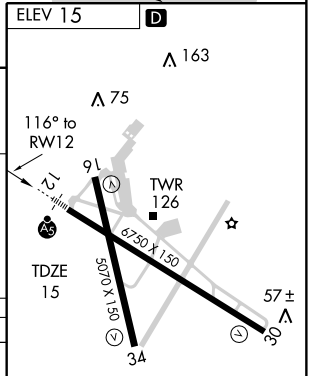
MISSED APPROACH: Climb to 3000 direct MARSA and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D	E
LPV DA	215/24 200 (200-½)				
LNAV/VNAV DA	375/40 360 (400-¾)				
LNAV MDA	460/24 445 (500-½)		460/40 445 (500-¾)	460/50 445 (500-1)	
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5070
CH 82316	161°	TDZE	15
W16A		Apt Elev	15

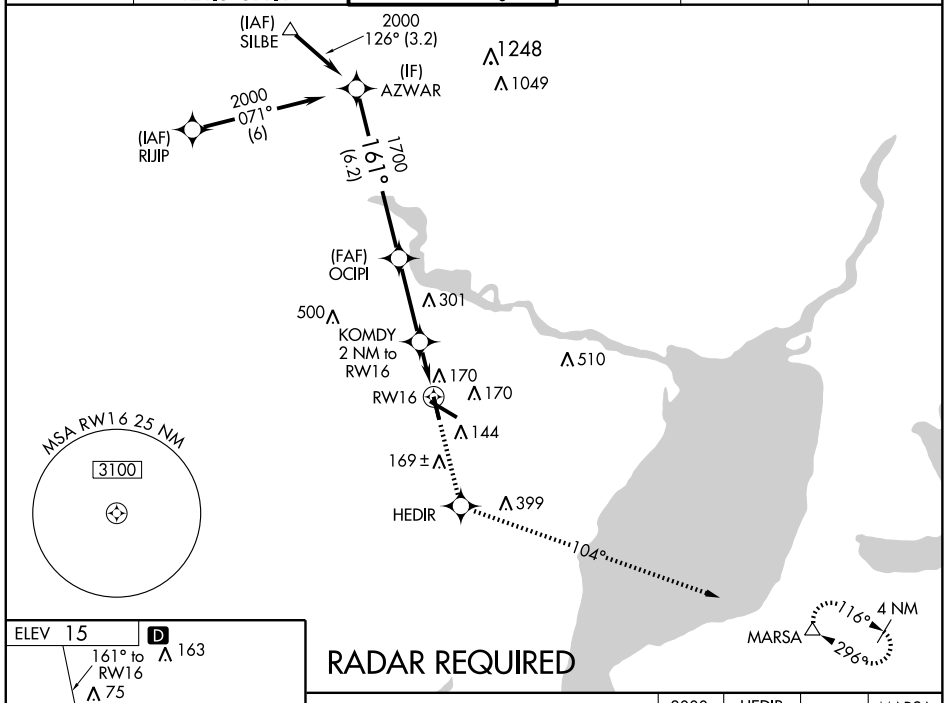
RNAV (GPS) RWY 16

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

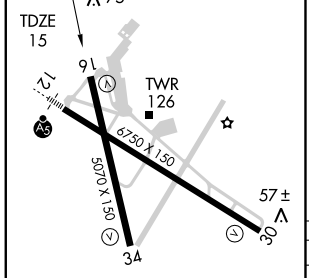
Baro-VNAV NA when using Orange County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Orange County altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LPV all Cats visibility ¼ mile, LNAV Cat D and Circling Cat E visibility ¼ mile. VDP NA when using Orange County altimeter setting.

MISSED APPROACH: Climb to 3000 direct HEDIR and via track 104° to MARSA and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95

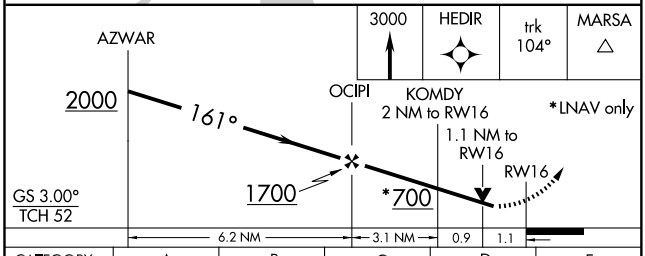


SC-5, 17 DEC 2009 to 14 JAN 2010



REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

RADAR REQUIRED



CATEGORY	A	B	C	D	E
LPV DA	273-¾ 258 (300-¾)				
LNAV/VNAV DA	422-1½ 407 (500-1½)				
LNAV MDA	420-1 405 (500-1)		420-1¼ 405 (500-1¼)		420-1½ 405 (500-1½)
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

WAAS	APP CRS	Rwy Idg	6750
CH 69216	296°	TDZE	12
W30A		Apt Elev	15

RNAV (GPS) RWY 30

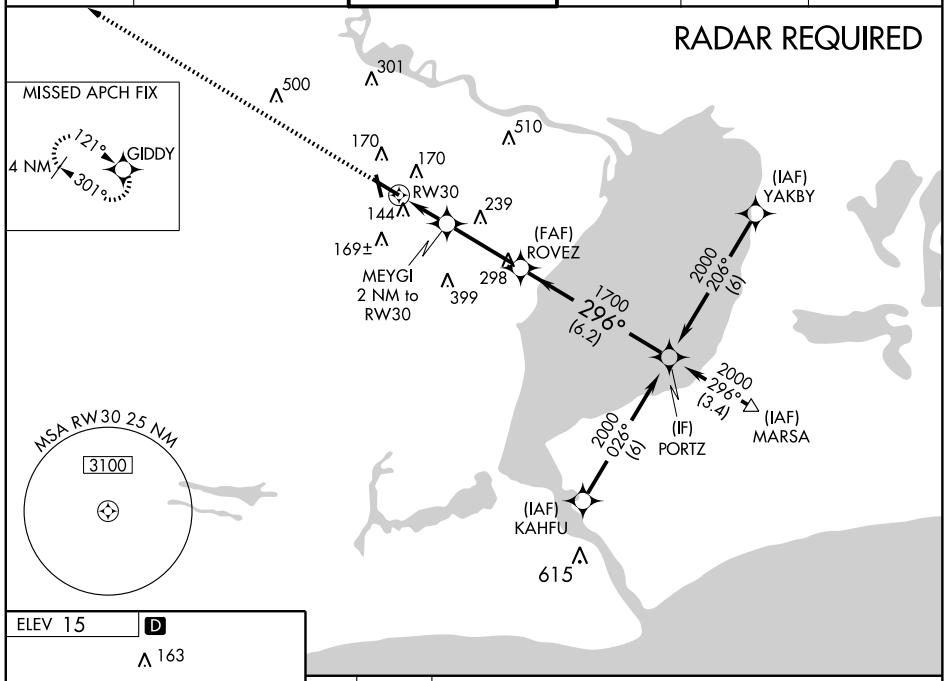
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

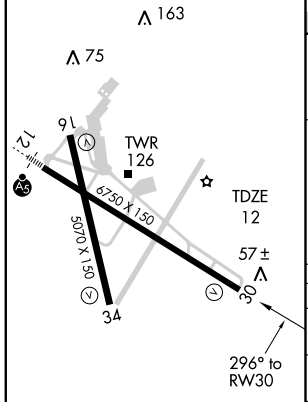
Baro-VNAV NA when using Orange County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Orange County altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, LNAV Cat E and Circling Cat E visibility ¼ mile.

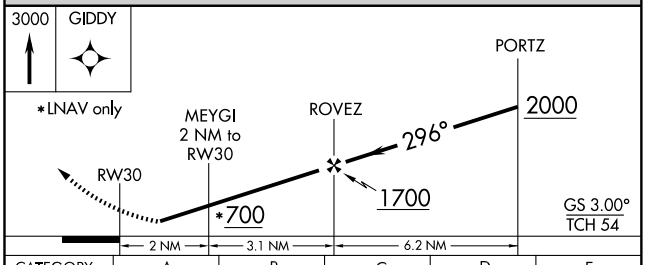
MISSED APPROACH: Climb to 3000 direct GIDDY and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D	E
LPV DA	263-¾ 251 (300-¾)				
LNAV/VNAV DA	404-1¼ 392 (400-1¼)				404-1½ 392 (400-1½)
LNAV MDA	540-1 528 (600-1)		540-1½ 528 (600-1½)	540-1¾ 528 (600-1¾)	
CIRCLING	540-1 525 (600-1)		540-1½ 525 (600-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5070
CH 72616	341°	TDZE	15
W34A		Apt Elev	15

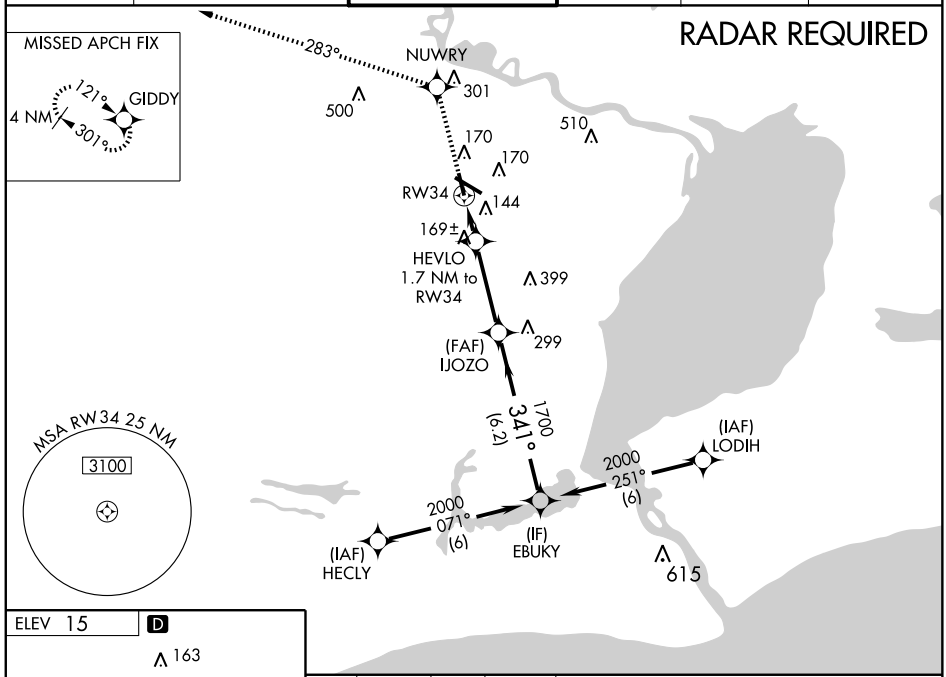
RNAV (GPS) RWY 34

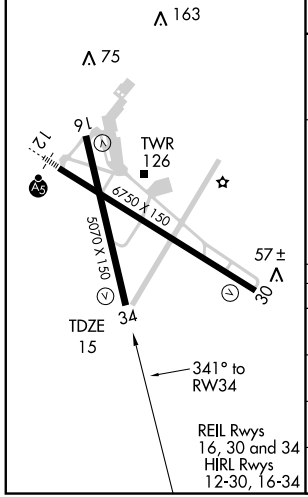
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

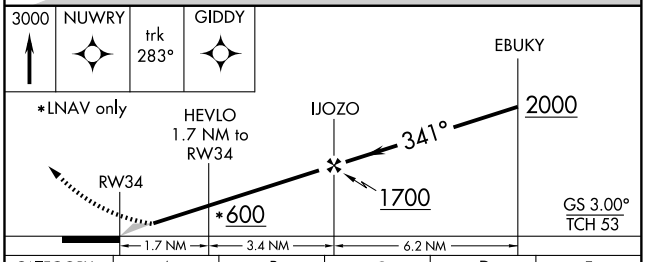
Baro-VNAV NA when using Orange County altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Orange County altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LNAV Cat C and Circling Cat E visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct NUWRY and via track 283° to GIDDY and hold.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF) L	121.9	118.3	122.95







CATEGORY	A	B	C	D	E
LPV DA	215-¾ 200 (200-¾)				
LNAV/VNAV DA	437-1½ 422 (500-1½)				
LNAV MDA	480-1 465 (500-1)		480-1¼ 465 (500-1¼)	480-1½ 465 (500-1½)	480-1¾ 465 (500-1¾)
CIRCLING	480-1 465 (500-1)		480-1½ 465 (500-1½)	580-2 565 (600-2)	820-2¾ 805 (900-2¾)

SC-5, 17 DEC 2009 to 14 JAN 2010

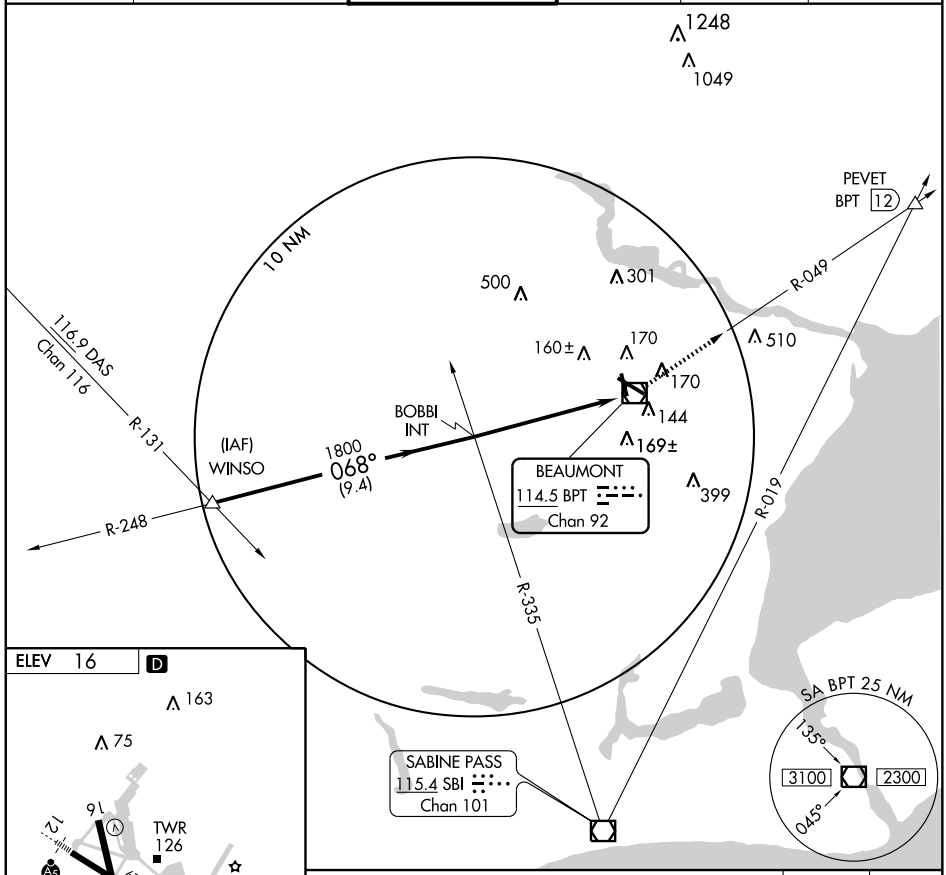
VOR/DME BPT	APP CRS	Rwy Idg	N/A
114.5	068°	TDZE	N/A
Chan 92		Apt Elev	16

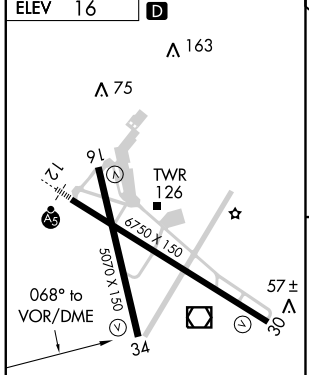
VOR-A

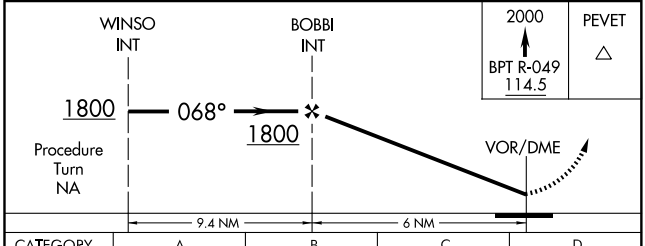
BEAUMONT-PORT ARTHUR/ SOUTHEAST TEXAS RGNL (BPT)

MISSED APPROACH: Climb to 2000 via BPT VOR/DME R-049 to PEVET Int.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95







CATEGORY	A	B	C	D
CIRCLING	480-1 464 (500-1)		480-1½ 464 (500-1½)	580-2 564 (600-2)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME BPT	APP CRS	Rwy Idg	N/A
114.5	249°	TDZE	N/A
Chan 92		Apt Elev	16

VOR-B

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

MISSED APPROACH: Climb to 1800 via BPT R-264 to SHINA Int.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95

1049

10 NM

500 301 510 1700 249° (15.9)

170 170 144 169± 399

(IAF) WASPY R-069

R-264

ODDRI INT BPT 4

BEAUMONT 114.5 BPT Chan 92

R-038

R-010

MSA BPT 25 NM 135° 3100 2300 045°

SHINA BPT 15.3 114.5 BPT Chan 92 R-264 115.4 SBI Chan 101 R-311

MISSED APCH FIX

SABINE PASS 115.4 SBI Chan 101

ELEV 16 D 163 75 91 127 TWR 126 6750 X 150 5070 X 150 249° to VOR/DME 57± 34 50

1800 BPT R-264 114.5

SHINA

ODDRI INT BPT 4

WASPY INT

Procedure Turn NA

249° 1700 1700

VOR/DME

4 NM 15.9 NM

CATEGORY	A	B	C	D
CIRCLING	560-1 544 (600-1)		560-1½ 544 (600-1½)	580-2 564 (600-2)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

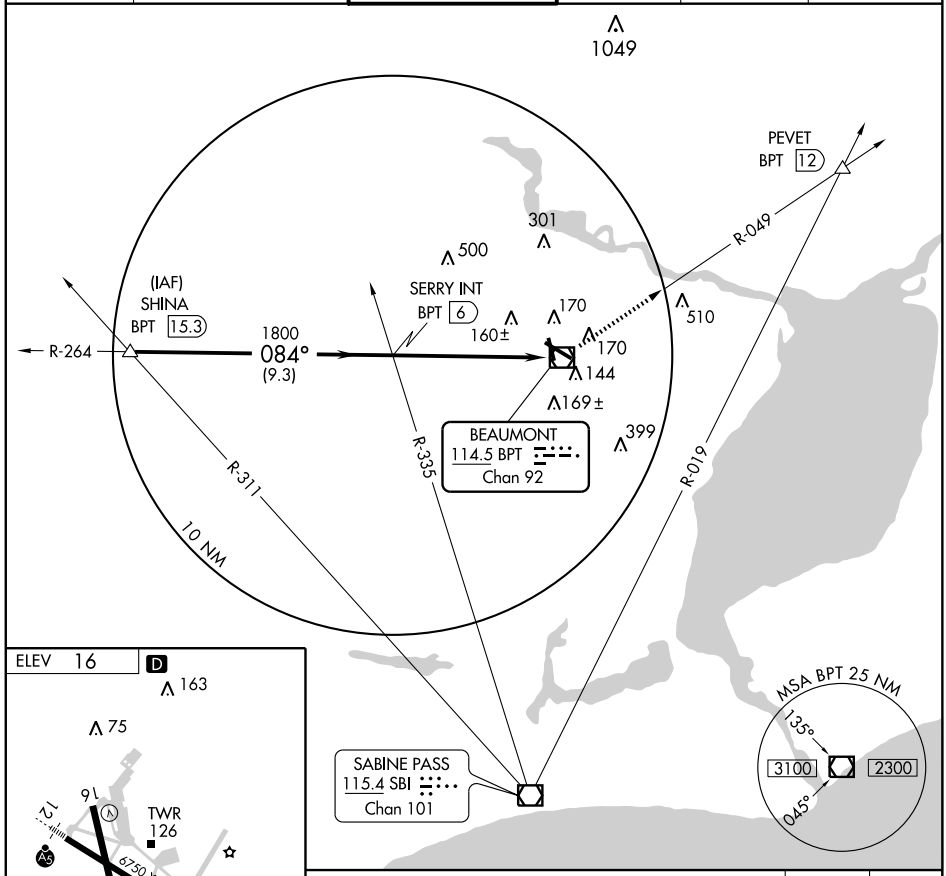
VOR/DME BPT	APP CRS	Rwy Idg	N/A
114.5	084°	TDZE	N/A
Chan 92		Apt Elev	16

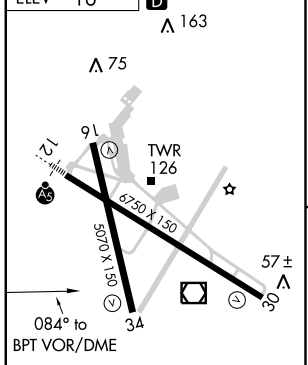
VOR-C

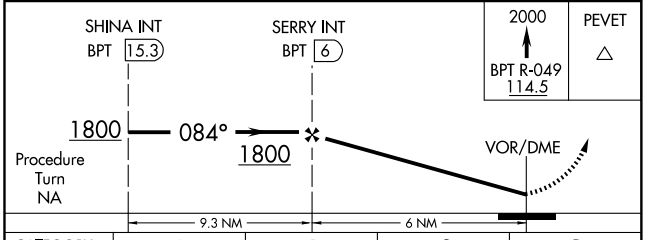
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

MISSED APPROACH: Climb to 2000 via BPT VOR/DME R-049 to PEVET Int.

ATIS	HOUSTON APP CON	BEAUMONT TOWER ★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95







REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

CATEGORY	A	B	C	D
CIRCLING	480-1	464 (500-1)	480-1½ 464 (500-1½)	580-2 564 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

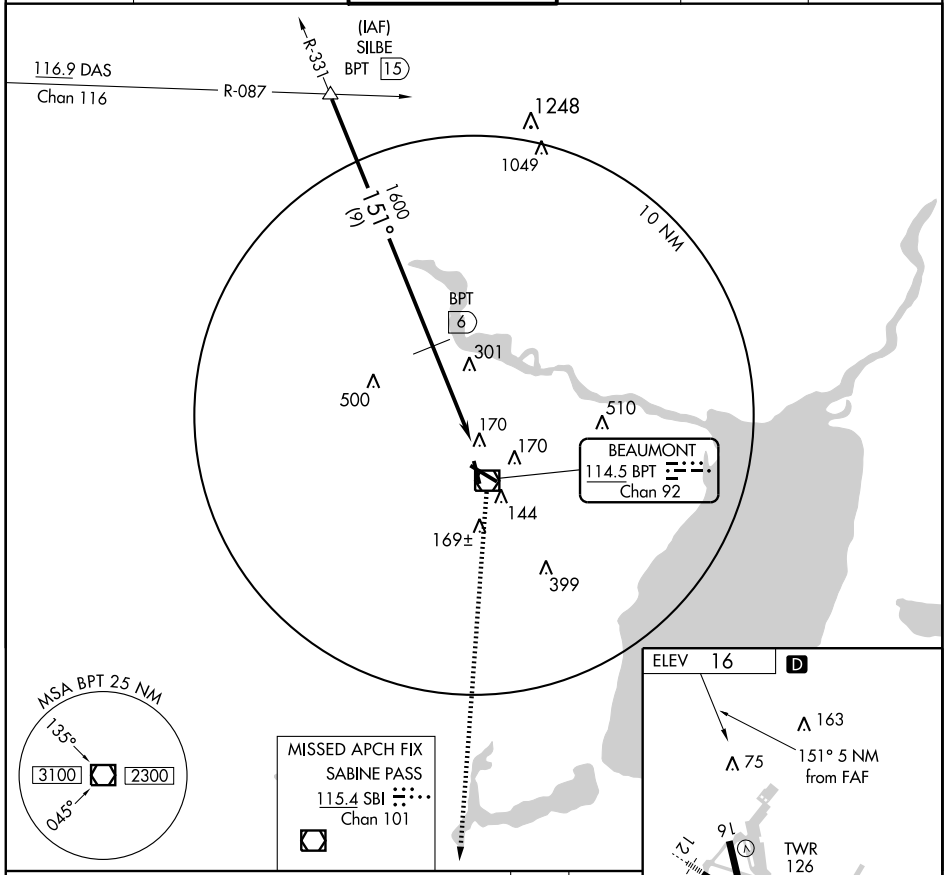
VOR/DME BPT	APP CRS	Rwy Idg	N/A
114.5	151°	TDZE	N/A
Chan 92		Apt Elev	16

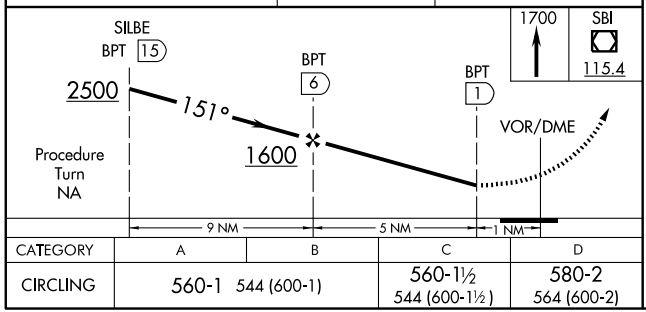
VOR/DME-D

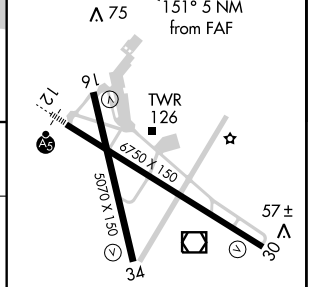
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

MISSED APPROACH: Climb to 1700 direct SBI VOR/DME.

ATIS	HOUSTON APP CON	BEAUMONT TOWER★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95







CATEGORY	A	B	C	D
CIRCLING	560-1 544 (600-1)		560-1½ 544 (600-1½)	580-2 564 (600-2)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

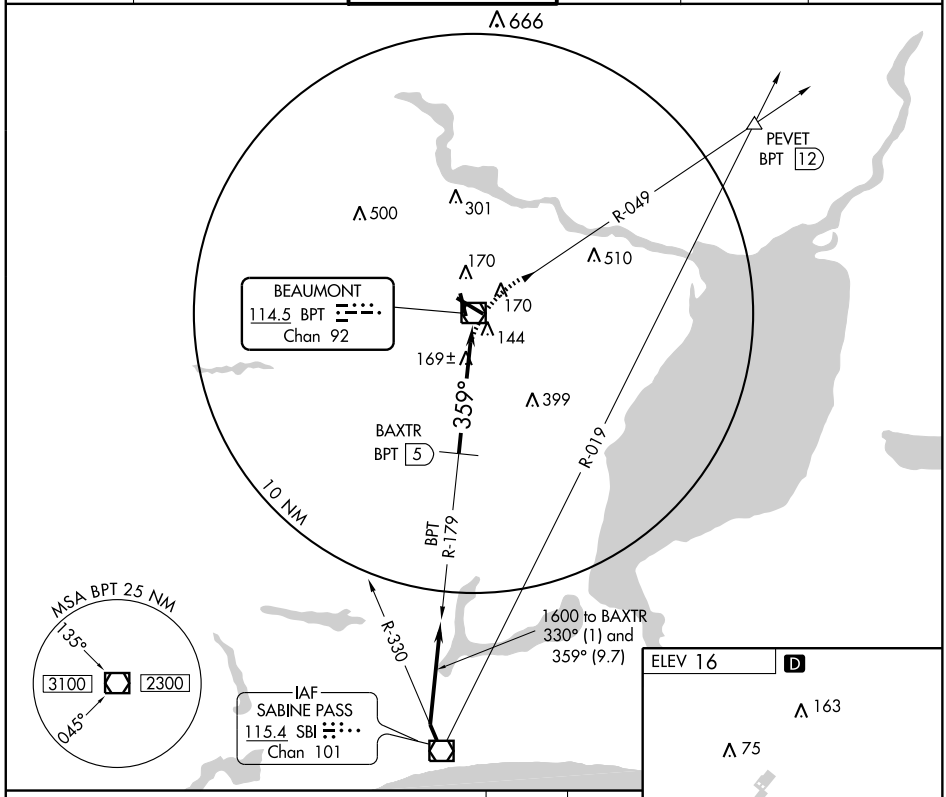
VOR BPT 114.5 Chan 92	APP CRS 359°	Rwy Idg 5070 TDZE 16 Apt Elev 16

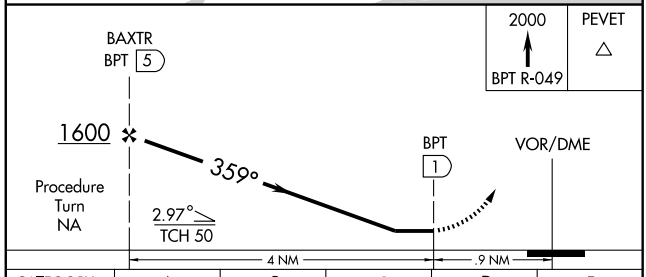
VOR/DME RWY 34

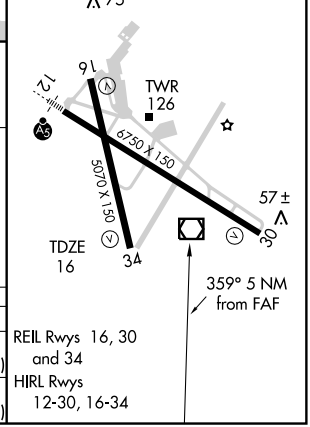
BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

MISSED APPROACH: Climb to 2000 via BPT VOR/DME R-049 to PEVET Int.

ATIS	HOUSTON APP CON	BEAUMONT TOWER★	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95







CATEGORY	A	B	C	D	E
S-34	500-1¼ 484 (500-1¼)			500-1½ 484 (500-1½)	500-1¾ 484 (500-1¾)
CIRCLING	500-1¼ 484 (500-1¼)		500-1½ 484 (500-1½)	580-2 564 (600-2)	820-2¾ 804 (900-2¾)

REIL Rwys 16, 30 and 34

HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME BPT	APP CRS	Rwy Idg	6750
114.5	120°	TDZE	16
Chan 92		Apt Elev	16

VOR RWY 12

BEAUMONT-PORT ARTHUR/SOUTHEAST TEXAS RGNL (BPT)

For inoperative MALSR, increase S-12 Cats A/B visibility to RVR 5000 and Cat D to RVR 6000.
* Cat E procedure turn not authorized.

MALSR

MISSED APPROACH: Climb to 1700 via BPT R-113 to MARSA Int/BPT 15 DME.

ATIS	HOUSTON APP CON	BEAUMONT TOWER *	GND CON	CLNC DEL	UNICOM
126.3	121.3 377.1	119.5 (CTAF)	121.9	118.3	122.95

RADAR or DME REQUIRED

MISSED APCH FIX

MARSA
BPT 15
114.5 BPT Chan 92 R-113
115.4 SBI Chan 101 R-054

R-300
R-087
1248
IAF
DAISETTA
116.9 DAS Chan 116
1600 NoPT to COMPA 087° (14) and 120° (18.4)
075°
255°
120°
500
301
(IAF)
COMPA
BPT 5 /RADAR
BEAUMONT
114.5 BPT Chan 92
170
170
510
MM
144
169±
R-113
399
10 NM
MSA BPT 25 NM
135°
045°
3100
2300
1600
344°
(18.8)
SABINE PASS
115.4 SBI Chan 101

ELEV 16 D
163
75
TDZE 16
91
127
TWR 126
6750 X 150
5070 X 150
120° to VORTAC
57±
30
34

Remain within 10 NM
COMPA*
BPT 5 /RADAR
300°
120°
1600
1600
VORTAC
1700
BPT R-113
MARSA
*Cat E procedure not authorized.
5 NM

CATEGORY	A	B	C	D	E
S-12	420/40 404 (500-¾)			420/50 404 (500-1)	
CIRCLING	480-1 464 (500-1)		480-1½ 464 (500-1½)	580-2 564 (600-2)	820-2¾ 804 (900-2¾)

REIL Rwys 16, 30 and 34
HIRL Rwys 12-30, 16-34

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4551
124°	TDZE	268
	Apt Elev	268

RNAV (GPS) RWY 12
BEEVILLE MUNI (BEA)

Use Corpus Christi Intl altimeter setting.
NA DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct JOSUK and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.675	134.6 322.5	122.8 L (CTAF)

Radar required for arrivals at CUVUM

(IAF) CUVUM
(IAF) THREE RIVERS THX
(IF/IAF) NEYIB
2000 NoPT 088° (10.2) 4 NM
2000 NoPT 214° (5)
124° 304°
2000 124° (6.2)
(FAF) ECEPA
2000 NoPT 034° (6.4)
(IAF) ZAMLI
882
850 703 669 620 542 685
RW12
MSA RW12 25 NM
2100
KINGSVILLE 4 MOA
JOSUK 124° 4 NM 304°

ELEV 268
124° to RW12
8 L
2530 X 60
12
TDZE 268
36
4551 X 75
0.5% UP
30

4 NM Holding Pattern
2000 JOSUK
NEYIB ECEPA
2000 304° 124° 124° 2000
VGSI and descent angles not coincident.
RW12
3.05° TCH 40
6.2 NM 5.2 NM

CATEGORY	A	B	C	D
LNAV MDA	1000-1 732 (800-1)		1000-2 732 (800-2)	NA
CIRCLING	1000-1 732 (800-1)	1020-1¼ 752 (800-1¼)	1120-2½ 852 (900-2½)	NA

MIRL Rwy 12-30 L

SC-3, 17 DEC 2009 to 14 JAN 2010

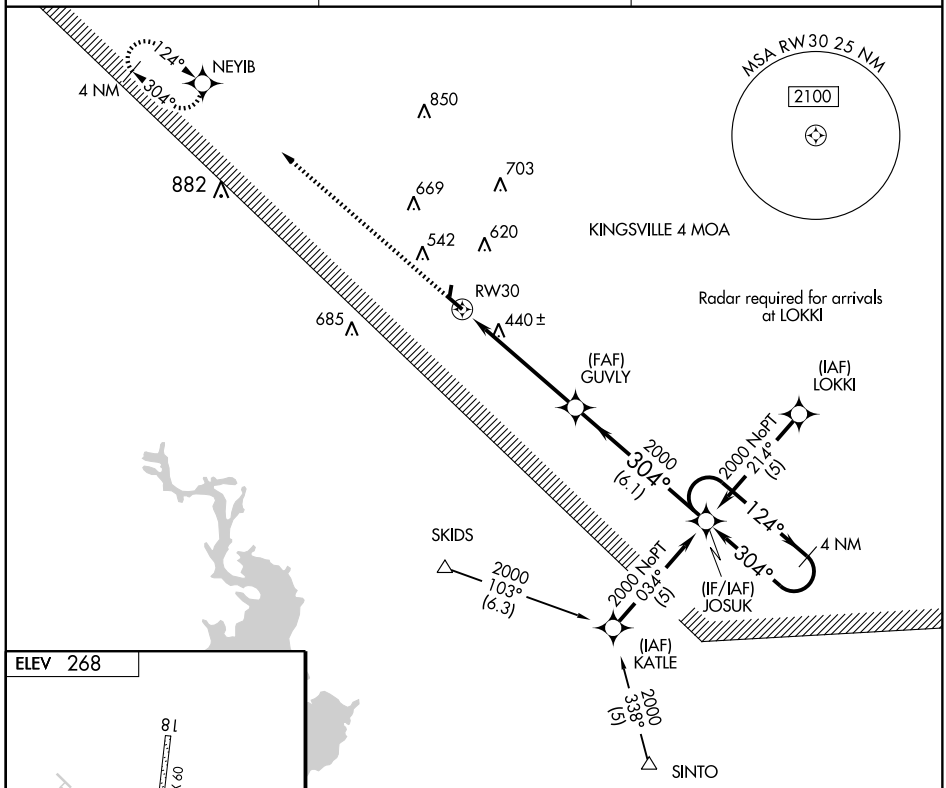
APP CRS	Rwy Idg	4551
304°	TDZE	262
	Apt Elev	268

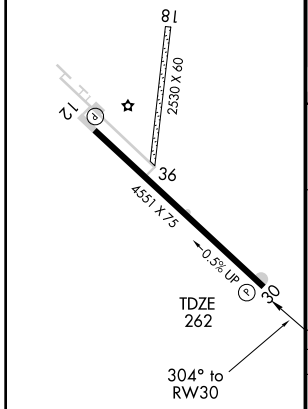
RNAV (GPS) RWY 30
BEEVILLE MUNI (BEA)

Use Corpus Christi Intl altimeter setting.
NA DME/DME RNP-0.3 NA.

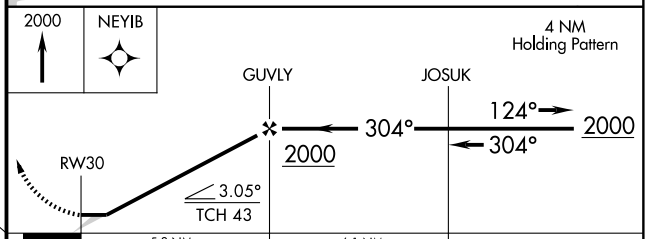
MISSED APPROACH: Climb to 2000 direct NEYIB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.675	134.6 322.5	122.8 L (CTAF)





MIRL Rwy 12-30 L



CATEGORY	A	B	C	D
LNAV MDA	1060-1 798 (800-1)	1060-1¼ 798 (800-1¼)	1060-2¼ 798 (800-2¼)	NA
CIRCLING	1060-1 792 (800-1)	1060-1¼ 792 (800-1¼)	1120-2½ 852 (900-2½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC THX	APP CRS	Rwy Idg	4551
111.4	106°	TDZE	268
Chan 51		Apt Elev	268

VOR/DME RWY 12

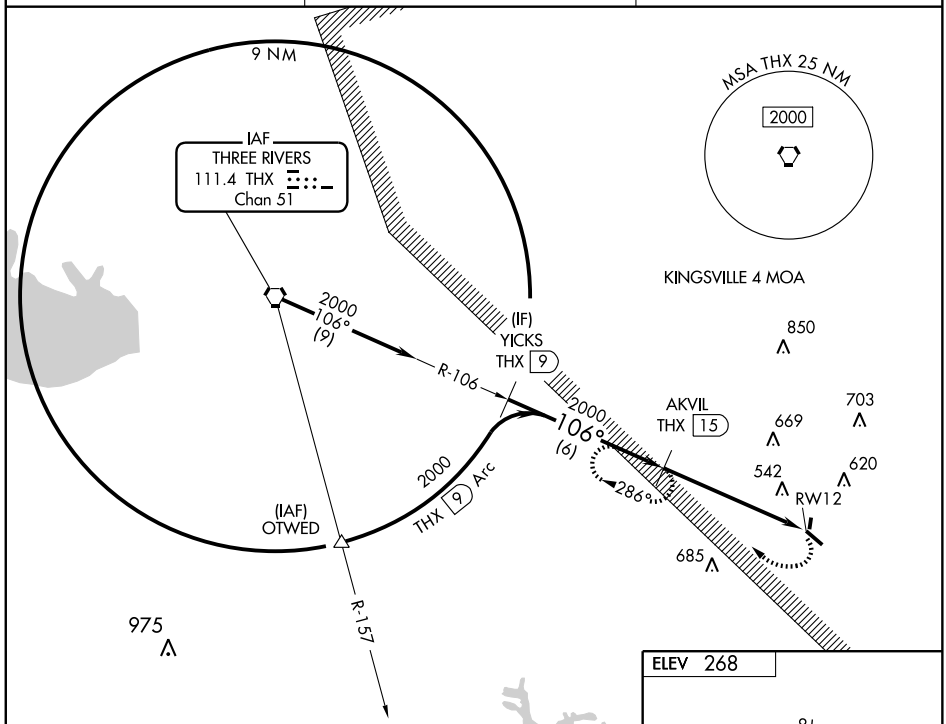
BEEVILLE MUNI (BEA)

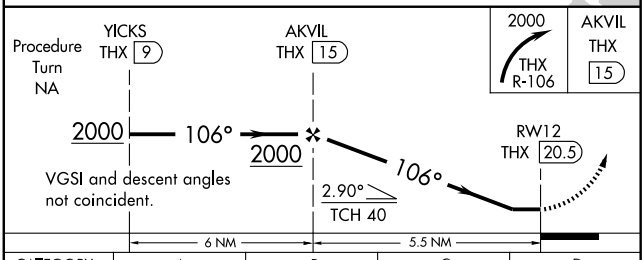
Use Corpus Christi Intl altimeter setting.

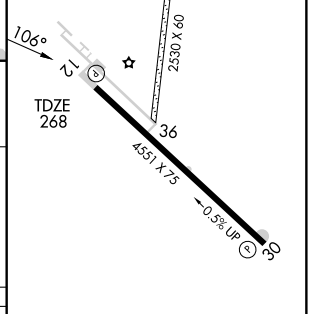
NA

MISSED APPROACH: Climbing right turn to 2000 via THX VORTAC R-106 to AKVIL THX VORTAC 15 DME and hold. Continue climb-in-hold to 2000.

AWOS-3	HOUSTON CENTER	UNICOM
118.675	134.6 322.5	122.8 L (CTAF)







CATEGORY	A	B	C	D
S-12	1000-1 732 (800-1)	1000-1¼ 732 (800-1¼)	1000-2 732 (800-2)	NA
CIRCLING	1000-1 732 (800-1)	1020-1¼ 752 (800-1¼)	1120-2½ 852 (900-2½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4032
161°	TDZE	2706
	Apt Elev	2706

RNAV (GPS) RWY 16

BIG LAKE/ REAGAN COUNTY (E41)

▼ Use San Angelo altimeter setting; If not received, procedure NA.		MISSED APPROACH: Climb to 5000 direct JEKAB and hold.
▲ NA Circling NA east of Rwy 16-34. DME/DME RNP-0.3 NA.		
SAN ANGELO ASOS 128.45	FORT WORTH CENTER 126.15 322.55	CTAF 122.9	123.5 (L)

RADAR REQUIRED

TEXON MOA

5 NM 341° 161°

(IF/IAF) IVIDE

(IAF) HISPI

(IAF) COLKO

5000 NoPT 071° (5)

5000 NoPT 251° (5)

4500 161° (6)

30 NM to IVIDE (NoPT)

5000

IVIDE

071° 251°

(FAF) RUGPY

HISPI

5000

251° 341°

30 NM to HISPI

2794±

3214

RW16

2961

071° COLKO 5000 341°

30 NM to COLKO

JEKAB 161° 341° 5 NM

ELEV 2706

161° to RW16

TDZE 2706

9L

4032 X 50

3460 X 80

6 27

34

MIRL Rwy 16-34 (L)

5 NM Holding Pattern

IVIDE

RUGPY

5000

341° 161°

161°

4500

3.05°

TCH 40

RW16

6 NM 5.4 NM

5000 JEKAB

CATEGORY	A	B	C	D
LNAV MDA	3460-1 754 (800-1)	3460-1¼ 754 (800-1¼)	3460-2¼ 754 (800-2¼)	NA
CIRCLING	3460-1 754 (800-1)	3460-1¼ 754 (800-1¼)	3460-2¼ 754 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8802
173°	TDZE	2562
	Apt Elev	2573

RNAV (GPS) RWY 17

BIG SPRING McMAHON-WRINKLE (BPG)

When VGSI inoperative, circling Rwy 6 NA at night. Circling NA east of Rwy 17-35. Inoperative table does not apply to LNAV Cat C. DME/DME RNP-0.3 NA. VDP NA when using Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase all MDA 140 feet, increase LNAV Cats C and D and circling Cat C visibility ½ mile, circling Cat D visibility ¼ mile.

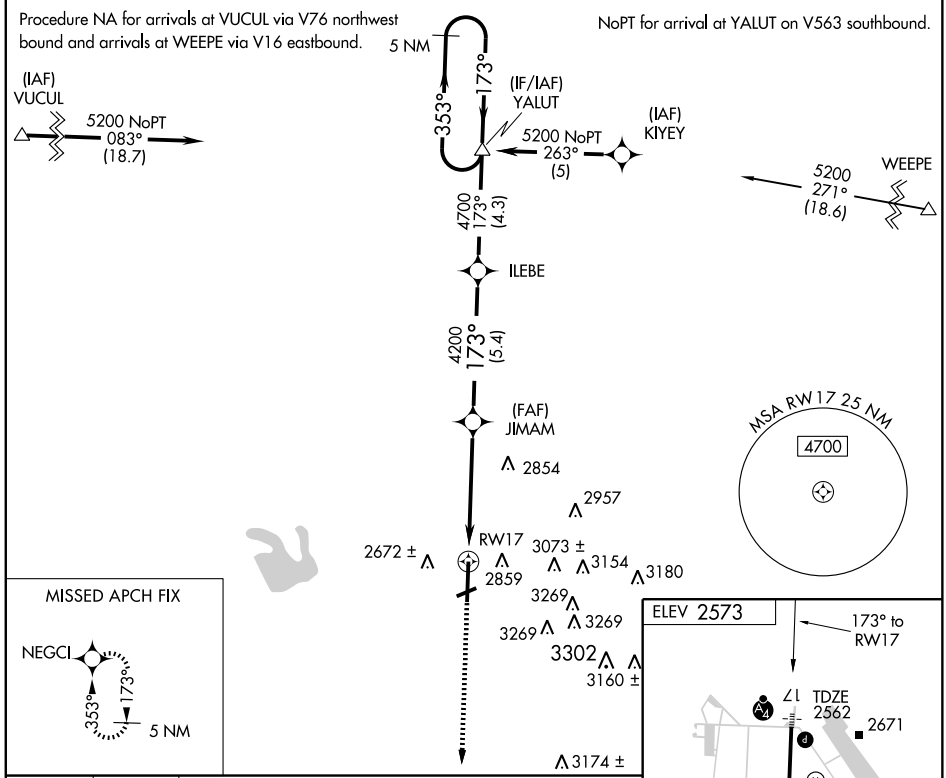
SSALS

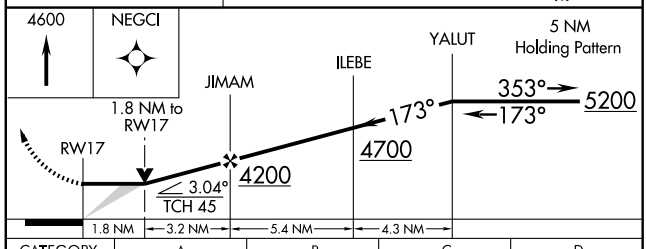
MISSED APPROACH: Climb to 4600 direct NEGCI and hold.

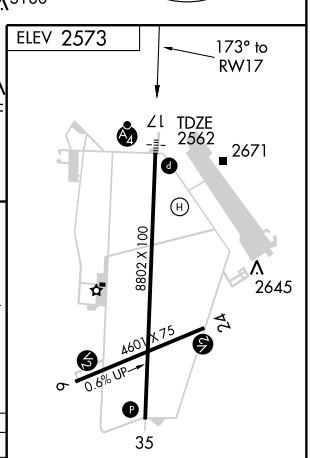
AWOS-3	FORT WORTH CENTER	UNICOM
118.025	133.7 350.2	122.8 (CTAF) L

Procedure NA for arrivals at VUCUL via V76 northwest bound and arrivals at WEEPE via V16 eastbound.

NoPT for arrival at YALUT on V563 southbound.







CATEGORY	A	B	C	D
LNAV MDA	3160-¾ 598 (600-¾)		3160-1½ 598 (600-1½)	3160-1¾ 598 (600-1¾)
CIRCLING	3160-1 587 (600-1)		3160-1½ 587 (600-1½)	3160-2 587 (600-2)

MIRL Rwys 6-24 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS		
353°	Rwy Idg	8802
	TDZE	2563
	Apt Elev	2573

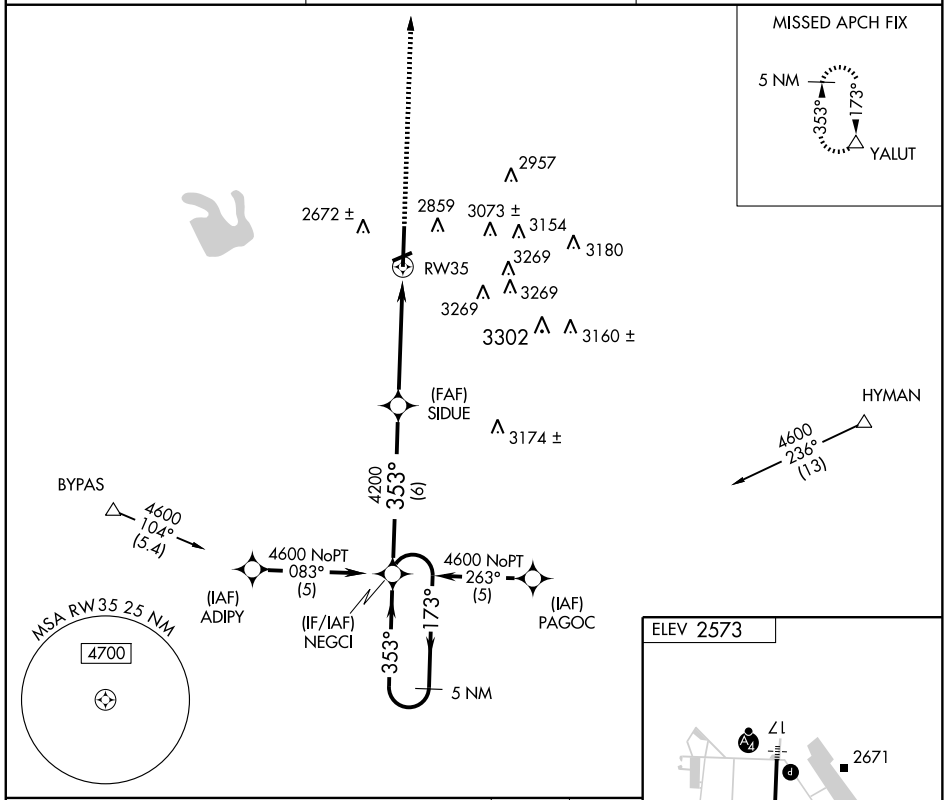
RNAV (GPS) RWY 35

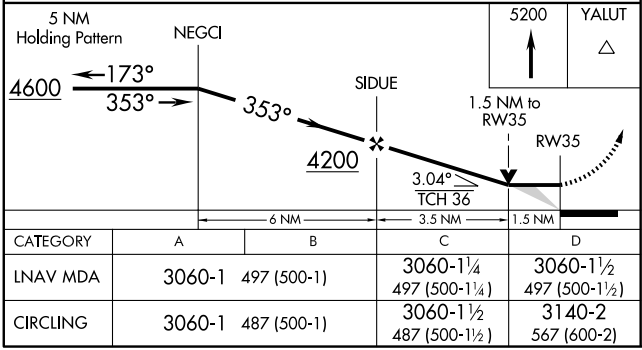
BIG SPRING McMAHON-WRINKLE (BPG)

When VGSI inoperative, circling Rwy 6 NA at night. Circling NA East of Rwy 17-35. DME/DME RNP-0.3 NA. VDP NA when using Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase all MDA 140 feet, increase LNAV Cats C and D visibility ½ mile and circling Cats C and D visibility ¼ mile.

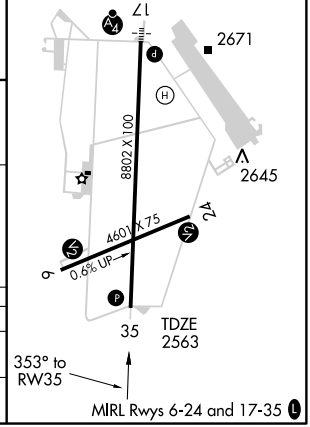
MISSED APPROACH: Climb to 5200 direct YALUT and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	133.7 350.2	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	3060-1	497 (500-1)	3060-1¼ 497 (500-1¼)	3060-1½ 497 (500-1½)
CIRCLING	3060-1	487 (500-1)	3060-1½ 487 (500-1½)	3140-2 567 (600-2)



SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGS 114.3 Chan 90	APP CRS 180°	Rwy Idg 8802 TDZE 2562 Apt Elev 2573

VOR/DME RWY 17

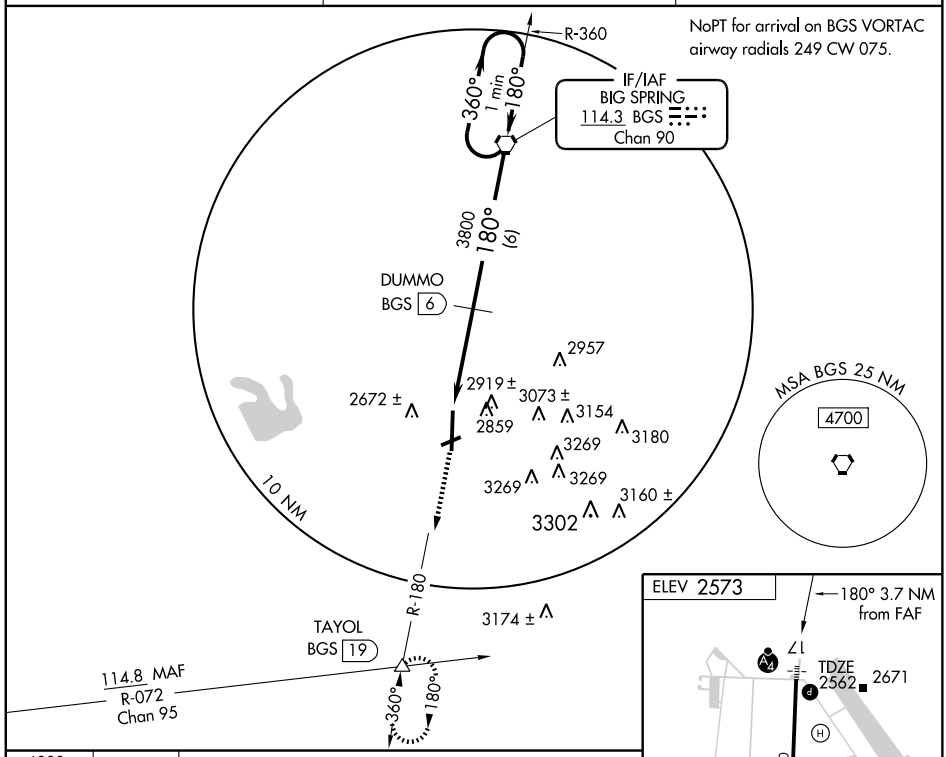
BIG SPRING McMAHON-WRINKLE (BPG)

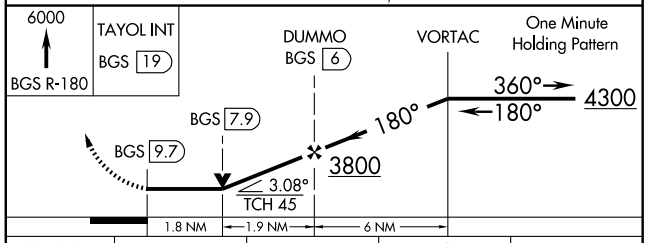
When VGSI inoperative, circling Rwy 6 NA at night. Circling NA east of Rwy 17-35. Inoperative table does not apply to S-17 Cat C, when using Midland Intl altimeter setting inoperative table does not apply to S-17 Cat B. VDP NA when using Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase all MDA 140 feet, increase S-17 Cats B, C, and D and circling Cats C and D visibility ½ mile, circling Cat B visibility ¼ mile.

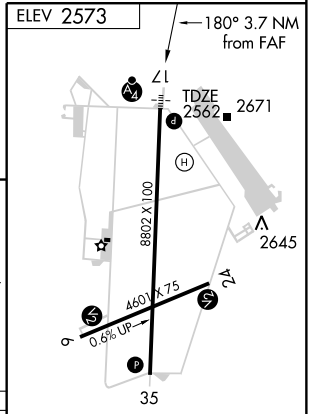
SSALS

MISSED APPROACH: Climb to 6000 via BGS VORTAC R-180 to TAYOL INT/BGS 19 DME and hold, continue climb-in-hold to 6000.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	133.7 350.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	3180-¾ 618 (700-¾)		3180-1¾ 618 (700-1¾)	3180-2 618 (700-1)
CIRCLING	3180-1 607 (700-1)		3180-1¾ 607 (700-1¾)	3180-2 607 (700-2)

MIRL Rwys 6-24 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGS	APP CRS	Rwy Idg	8802
114.3	359°	TDZE	2563
Chan 90		Apt Elev	2573

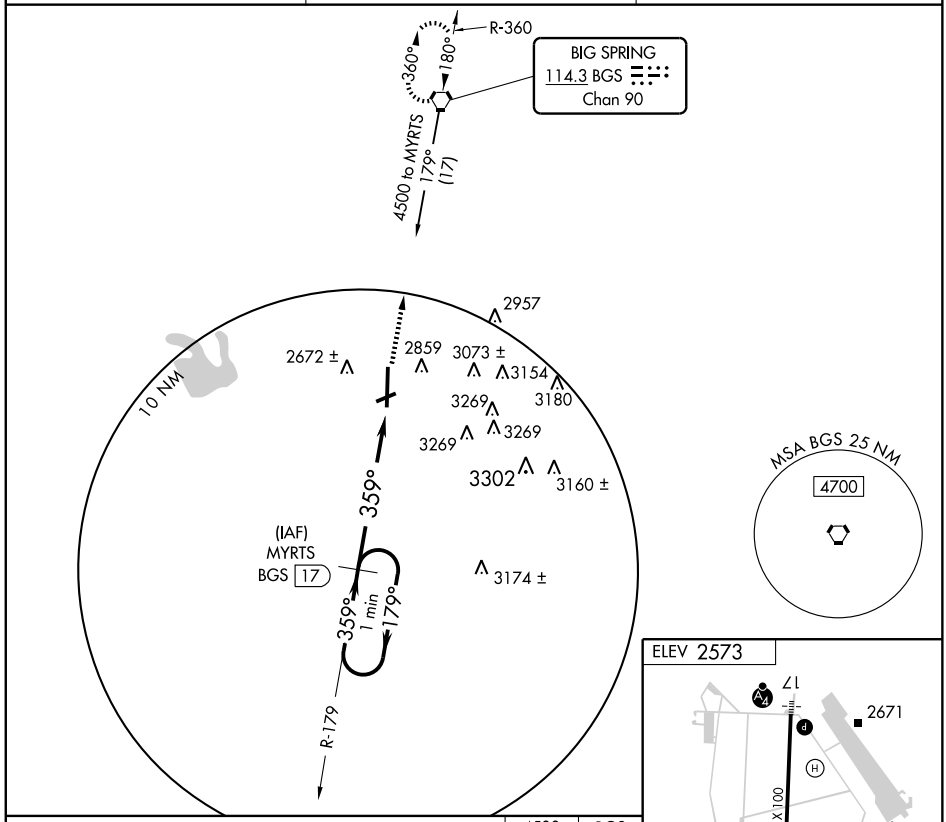
VOR/DME RWY 35

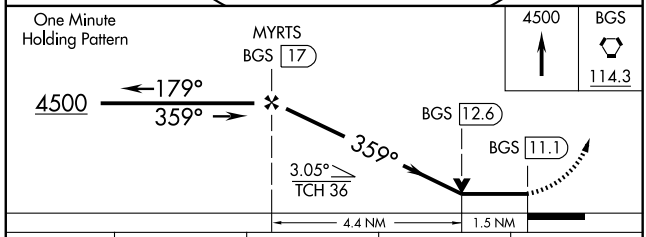
BIG SPRING McMAHON-WRINKLE (BPG)

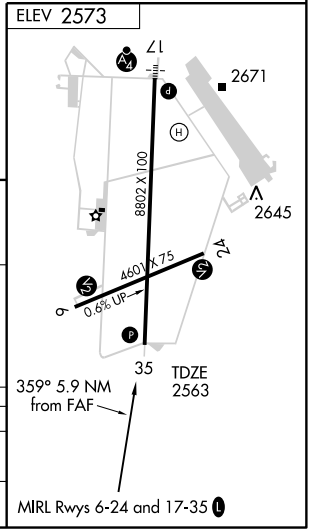
When VGSI inoperative, circling Rwy 6 NA at night. Circling NA east of Rwy 17-35. VDP NA when using Midland Intl altimeter setting. When local altimeter setting not received, use Midland Intl altimeter setting and increase all MDA 140 feet, increase S-35 Cats C and D and circling Cats C and D visibility ¼ mile.

MISSED APPROACH: Climb to 4500 direct to BGS VORTAC and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	133.7 350.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	3080-1	517 (600-1)	3080-1½ 517 (600-1½)	3080-1¾ 517 (600-1¾)
CIRCLING	3080-1	507 (600-1)	3080-1½ 507 (600-1½)	3140-2 567 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

BONHAM, TEXAS

AL-6722 (FAA)

APP CRS	Rwy Idg	4000
176°	TDZE	618
	Apt Elev	618

RNAV (GPS) RWY 17

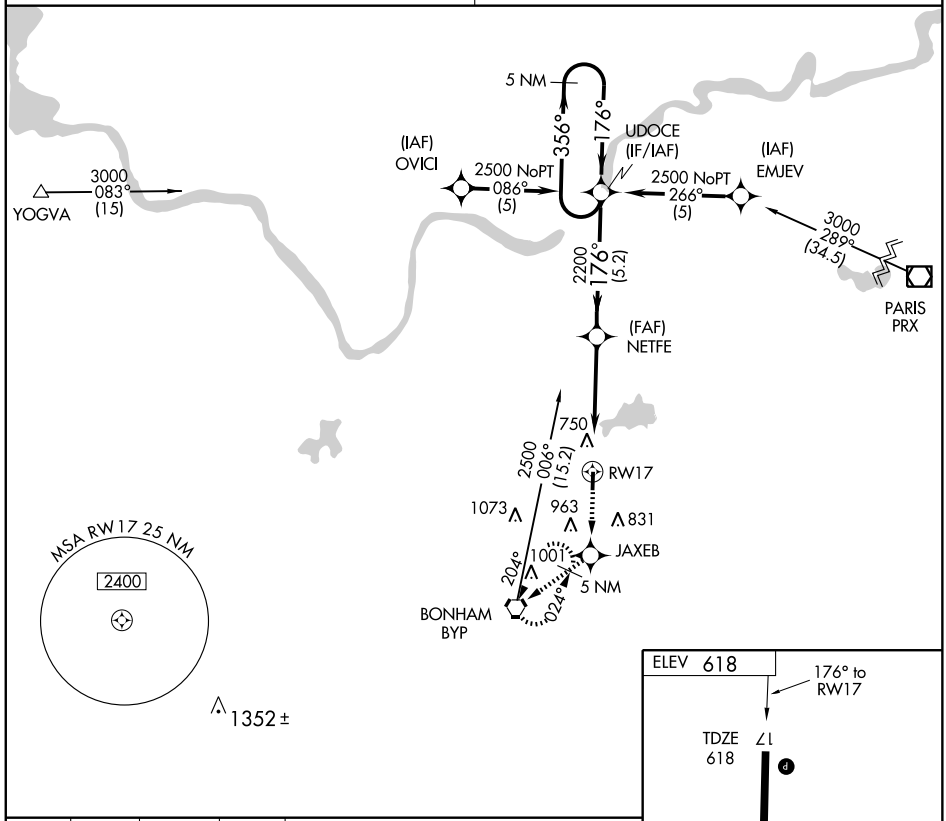
BONHAM/ JONES FIELD (FØØ)

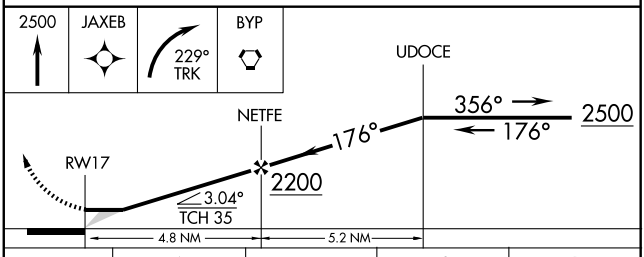
DME/DME RNP-0.3 NA. Use Majors altimeter setting; if not received, use Paris altimeter setting and increase all MDAs 20 feet.

NA

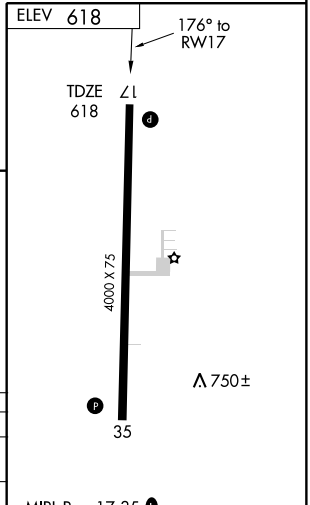
MISSED APPROACH: Climb to 2500 direct JAXEB and via 229° track to BYP VORTAC and hold, continue climb-in-hold to 2500.

FORT WORTH CENTER	UNICOM
127.6 254.3	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1140-1	522 (600-1)	NA	
CIRCLING	1200-1	582 (600-1)	NA	



MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
356°	TDZE	618
	Apt Elev	618

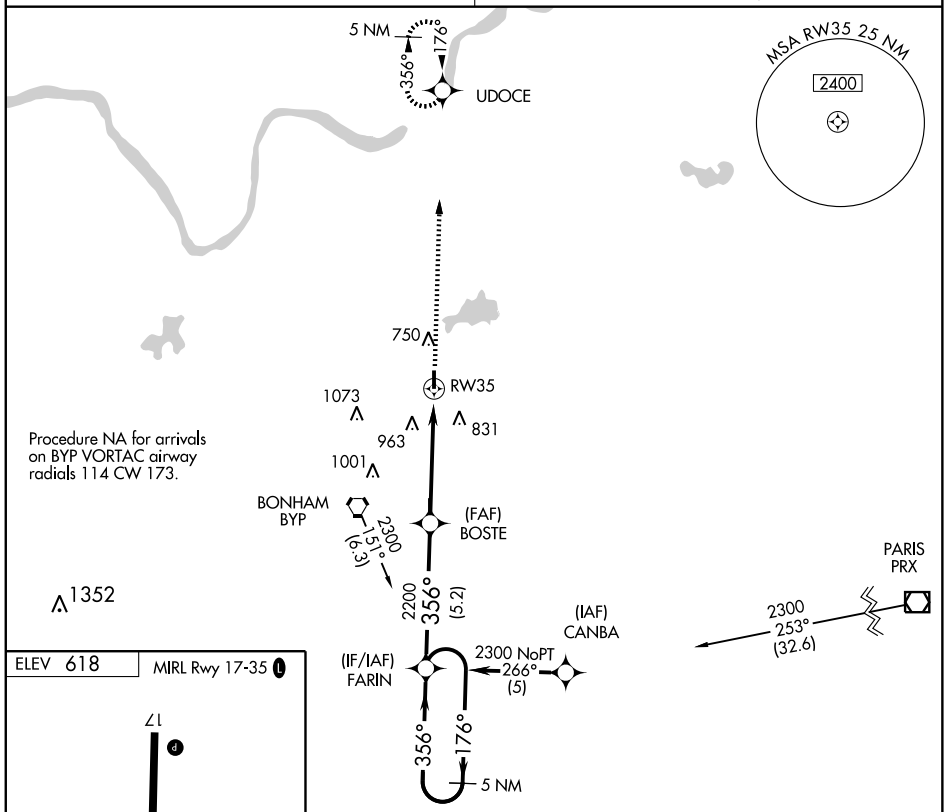
RNAV (GPS) RWY 35

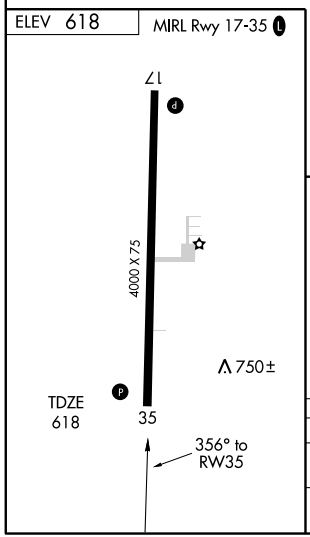
BONHAM/ JONES FIELD (F00)

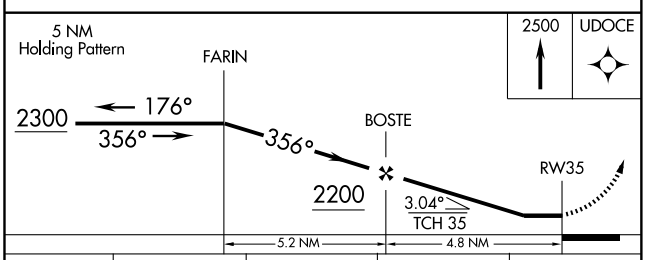
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Majors altimeter setting; if not received, use Paris altimeter setting.

MISSED APPROACH: Climb to 2500 direct UDOCE and hold.

FORT WORTH CENTER	UNICOM
127.6 254.3	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1340-1	722 (800-1)	NA	
CIRCLING	1340-1	722 (800-1)	NA	

VORTAC BYP	APP CRS	Rwy Idg	4000
114.6	202°	TDZE	618
Chan 93		Apt Elev	618

VOR/DME RWY 17

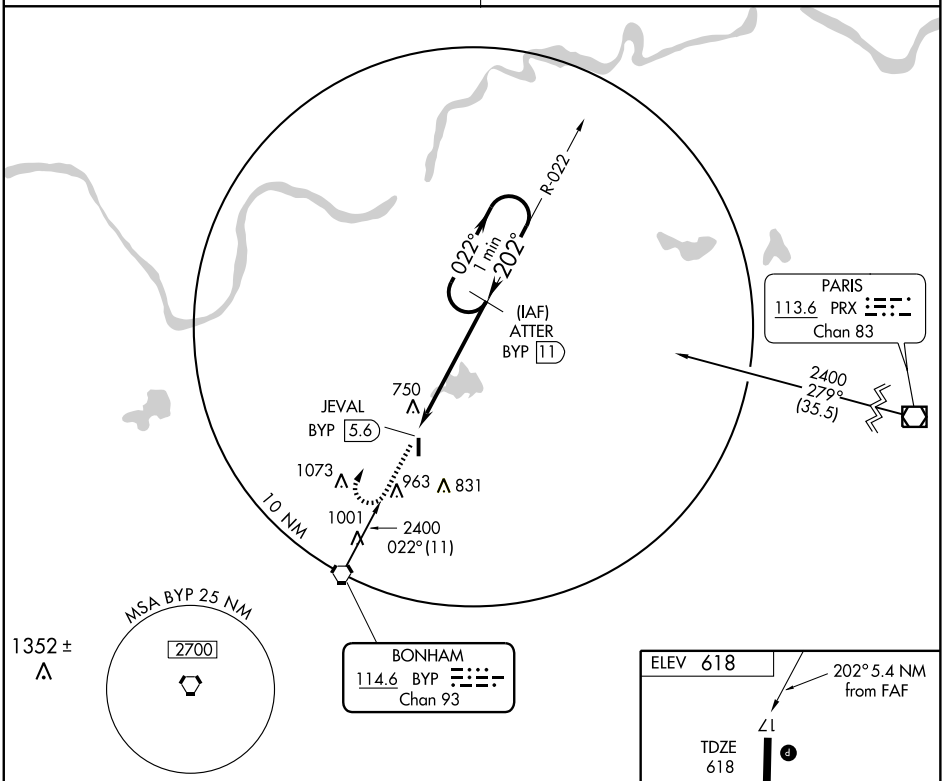
BONHAM/ JONES FIELD (F00)

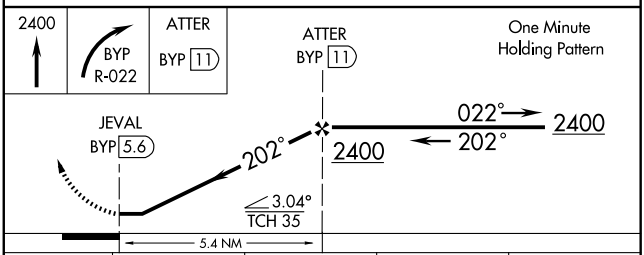
Use Majors altimeter setting; if not received, use Paris altimeter setting and increase all MDAs 20 feet.

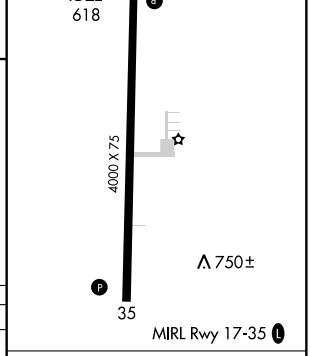
NA

MISSED APPROACH: Climb to 2400, then right turn via BYP R-022 to ATTER/11 DME and hold.

FORT WORTH CENTER	UNICOM
127.6 254.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	1140-1	522 (600-1)	NA	
CIRCLING	1200-1	582 (600-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6300
171°	TDZE	3013
	Apt Elev	3055

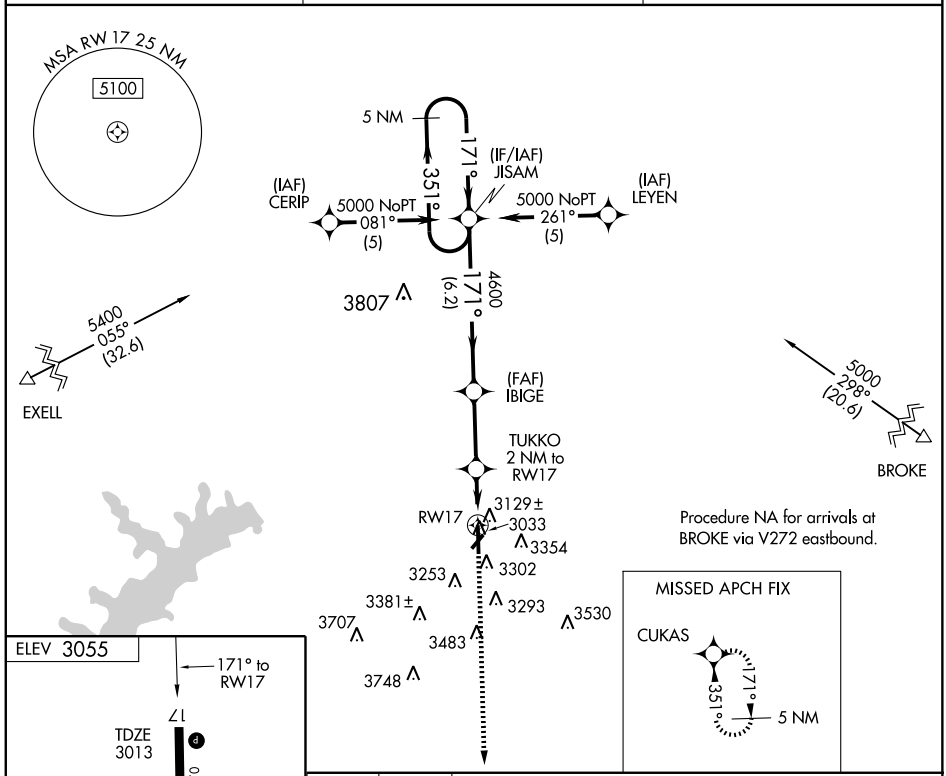
RNAV (GPS) RWY 17

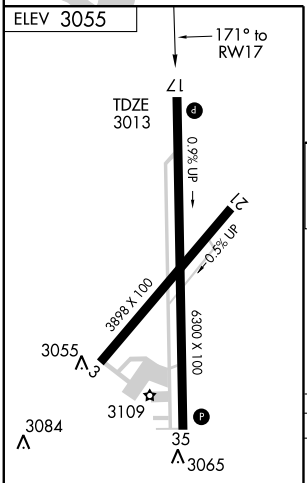
BORGER/HUTCHINSON COUNTY (BGD)

When local altimeter setting not received, use Pampa altimeter setting; increase all MDA 80 feet, LNAV and circling Cat C and D visibilities ¼ mile. VDP NA when using Pampa altimeter setting. DME/DME RNP-0.3 NA.

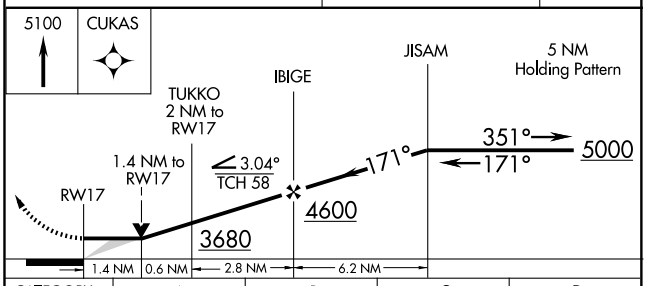
MISSED APPROACH: Climb to 5100 direct CUKAS and hold.

ASOS	AMARILLO APP CON ★	UNICOM
118.325	119.5 307.0	123.0 (CTAF) L





MIRL Rwys 3-21 and 17-35 L



CATEGORY	A	B	C	D
LNAV MDA	3500-1 487 (500-1)		3500-1¼ 487 (500-1¼)	3500-1½ 487 (500-1½)
CIRCLING	3620-1 565 (600-1)	3660-1 605 (700-1)	3660-1¾ 605 (700-1¾)	3660-2 605 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6300
351°	TDZE	3055
	Apt Elev	3055

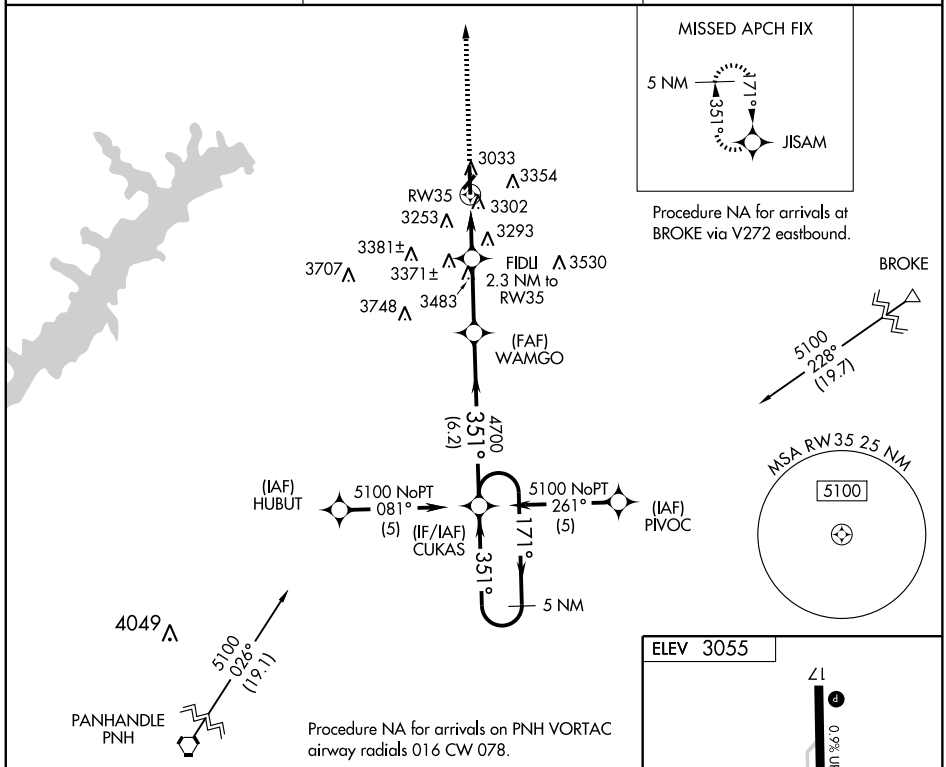
RNAV (GPS) RWY 35

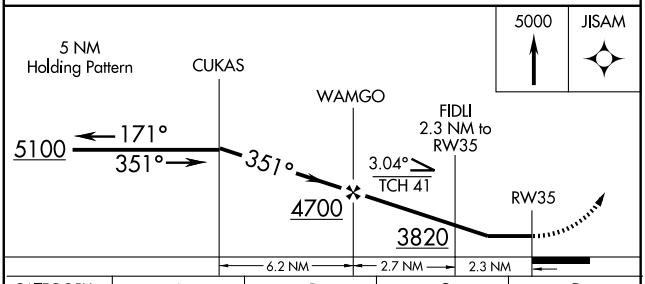
BORGER/HUTCHINSON COUNTY (BGD)

When local altimeter setting not received, use Pampa altimeter setting; increase all MDA 80 feet, LNAV Cat D and circling Cat C, D visibility ¼ mile. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

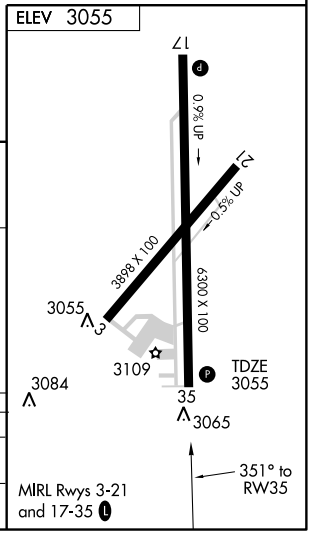
MISSED APPROACH: Climb to 5000 direct JISAM and hold.

ASOS	AMARILLO APP CON ★	UNICOM
118.325	119.5 307.0	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	3560-1 505 (600-1)		3560-1½ 505 (600-1½)	
CIRCLING	3620-1 565 (600-1)	3660-1 605 (700-1)	3660-1¾ 605 (700-1¾)	3660-2 605 (700-2)



SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD	APP CRS	Rwy Idg	6300
108.6	355°	TDZE	3055
Chan 23		Apt Elev	3055

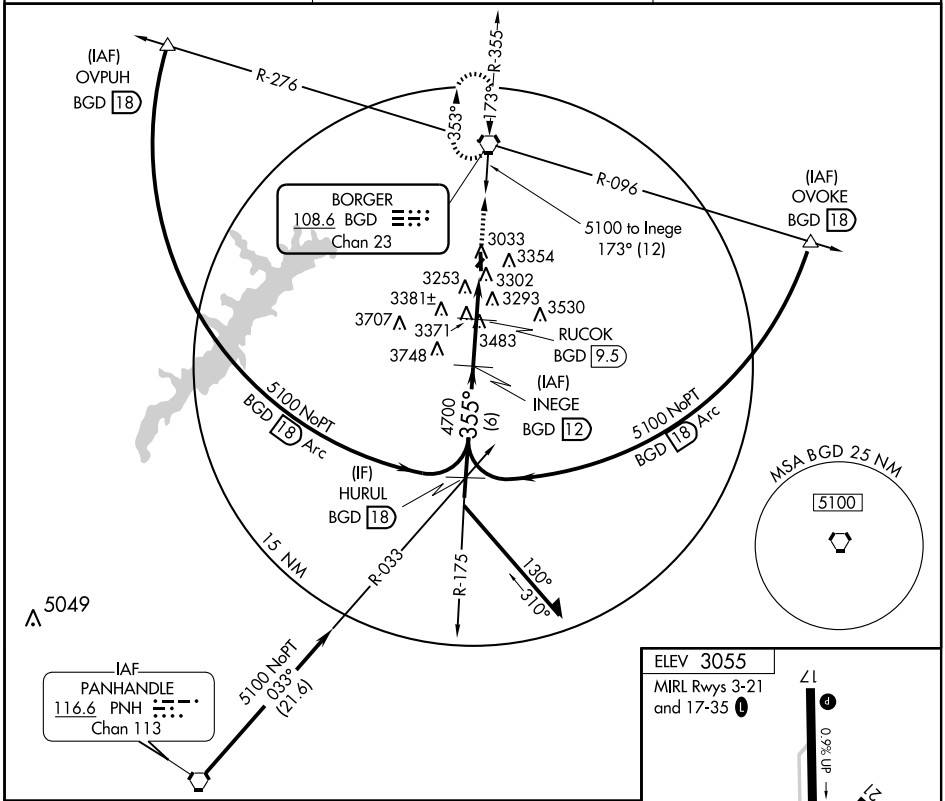
VOR/DME RWY 35

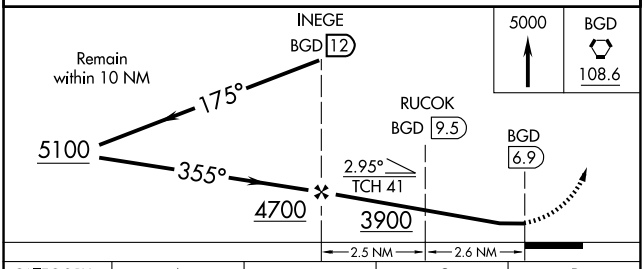
BORGER/ HUTCHINSON COUNTY (BGD)

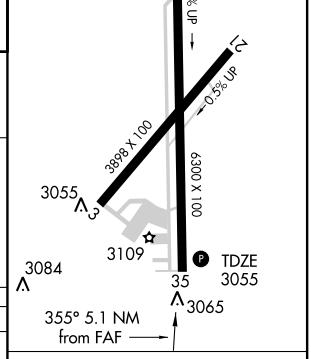
Visibility reduction by helicopters NA. When local altimeter setting not received, use Perry Lefors Field altimeter setting; increase all MDA 80 feet and increase all Cat C and D visibilities ¼ mile.

MISSED APPROACH: Climb to 5000 direct BGD VORTAC and hold.

ASOS	AMARILLO APP CON ★	UNICOM
118.325	119.5 307.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-35	3680-1	625 (700-1)	3680-1¾ 625 (700-1¾)	3680-2 625 (700-2)
CIRCLING	3680-1	625 (700-1)	3680-1¾ 625 (700-1¾)	3680-2 625 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD 108.6 Chan 23	APP CRS 175°	Rwy Idg 6300 TDZE 3013 Apt Elev 3055

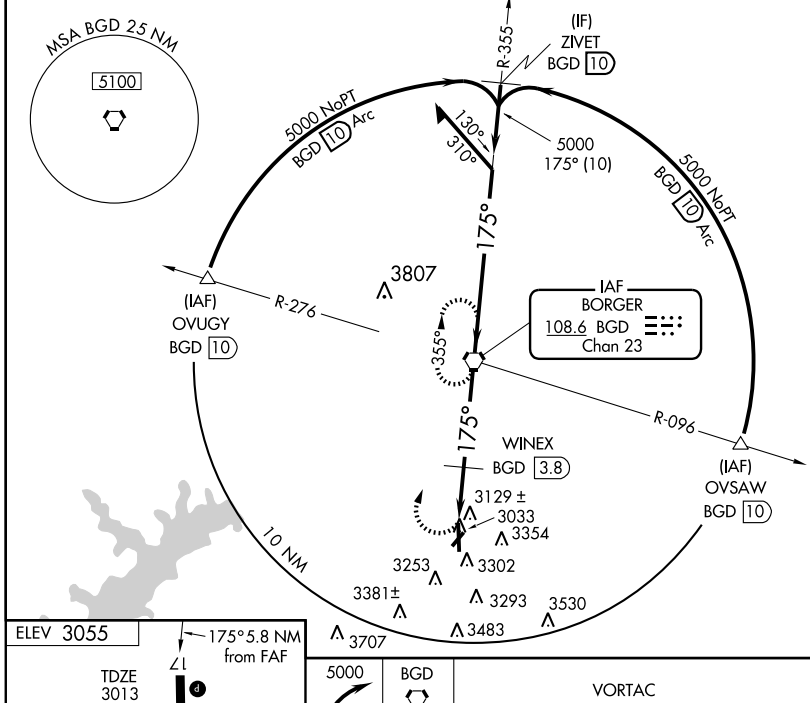
VOR RWY 17

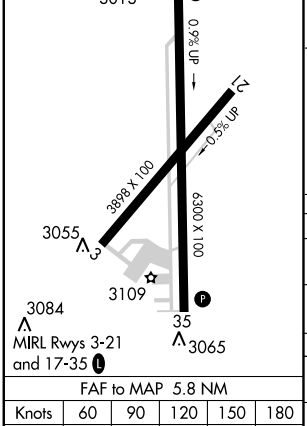
BORGER/HUTCHINSON COUNTY (BGD)

Visibility reduction by helicopters NA. When local altimeter setting not received, use Pampa altimeter setting; increase all MDA 80 feet and S-17 Cat C, D visibility and circling Cat C, D visibility ¼ mile, increase WINEX fix minimums S-17 Cat D visibility ¼ mile and circling Cat C, D visibility ¼ mile.

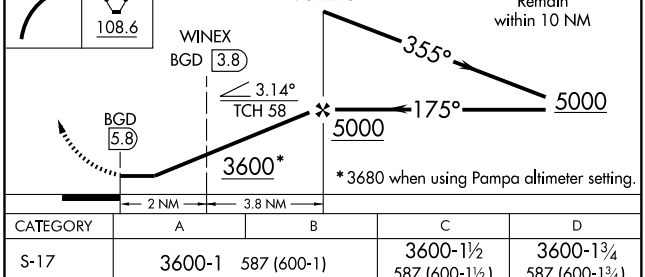
MISSED APPROACH: Climbing right turn to 5000 direct BGD VORTAC and hold.

ASOS	AMARILLO APP CON ★	UNICOM
118.325	119.5 307.0	123.0 (CTAF) L





FAF to MAP 5.8 NM					
Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56



CATEGORY	A	B	C	D
S-17	3600-1 587 (600-1)		3600-1½ 587 (600-1½)	3600-1¾ 587 (600-1¾)
CIRCLING	3620-1 565 (600-1)	3660-1 605 (700-1)	3660-1¾ 605 (700-1¾)	3660-2 605 (700-2)
WINEX FIX MINIMUMS				
S-17	3520-1 507 (500-1)		3520-1½ 507 (500-1½)	
CIRCLING	3620-1 565 (600-1)	3660-1 605 (700-1)	3660-1¾ 605 (700-1¾)	3660-2 605 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB GMZ	APP CRS	Rwy Idg	3603
356	160°	TDZE	1101
		Apt Elev	1101

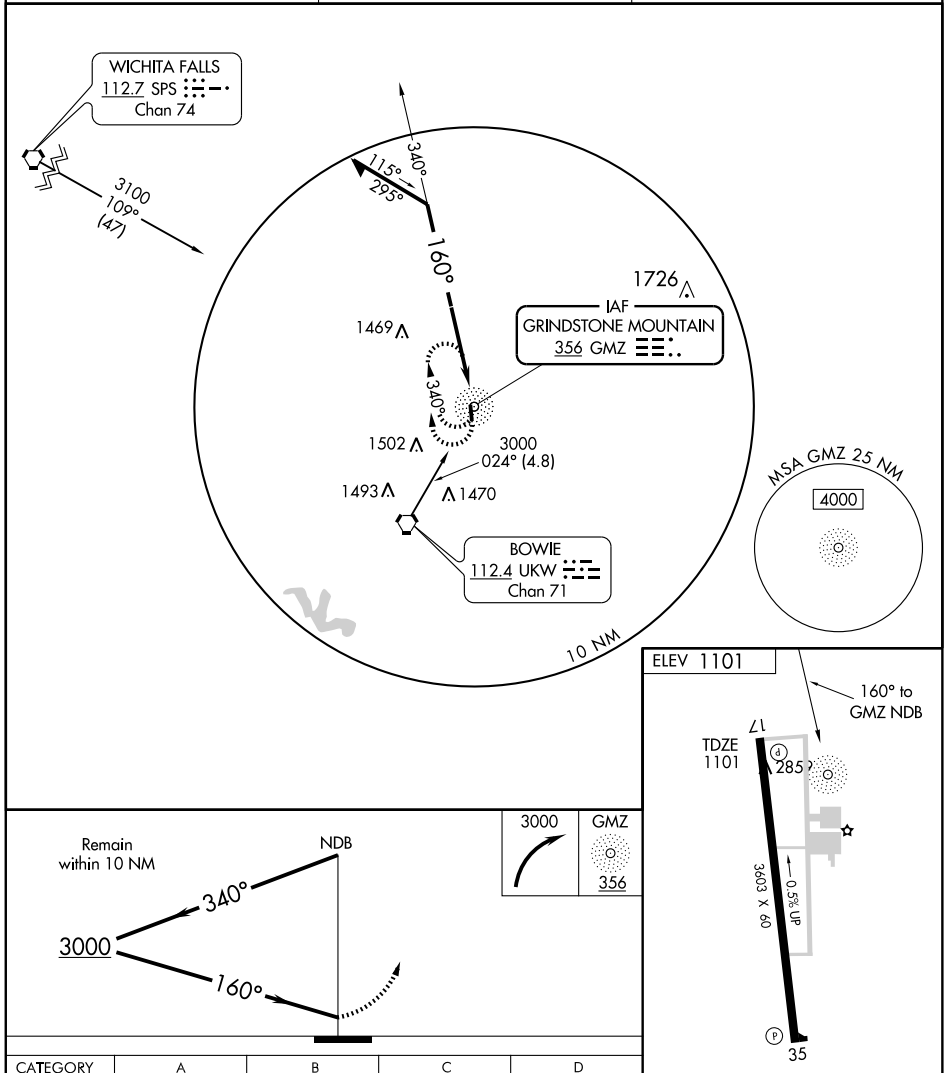
NDB RWY 17
BOWIE MUNI (ØF2)

Use Sheppard AFB/Wichita Falls Muni, TX altimeter setting.

NA

MISSED APPROACH: Climbing right turn to 3000 in GMZ NDB holding pattern.

AWOS-3	FORT WORTH CENTER	UNICOM
118.75	133.25 285.55	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-17	1880-1 779 (800-1)	1880-1¼ 779 (800-1¼)	1880-2¼ 779 (800-2¼)	NA
CIRCLING	1880-1 779 (800-1)	1880-1¼ 779 (800-1¼)	1880-2¼ 779 (800-2¼)	NA

MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB GMZ 356	APP CRS 353°	Rwy Idg 3603 TDZE 1098 Apt Elev 1101

NDB RWY 35

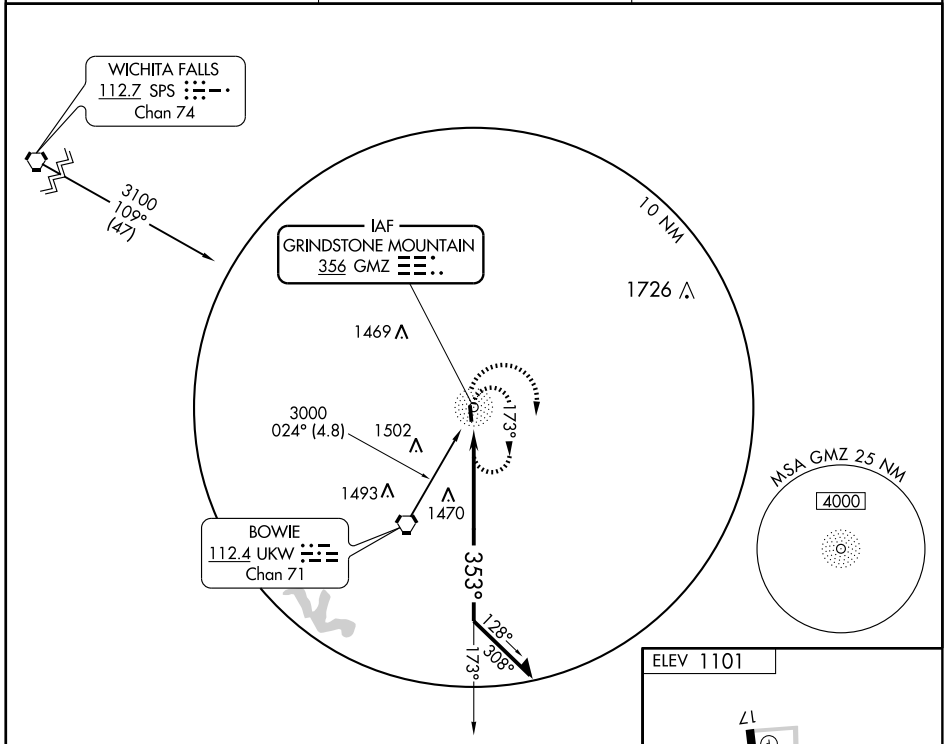
BOWIE MUNI (ØF2)

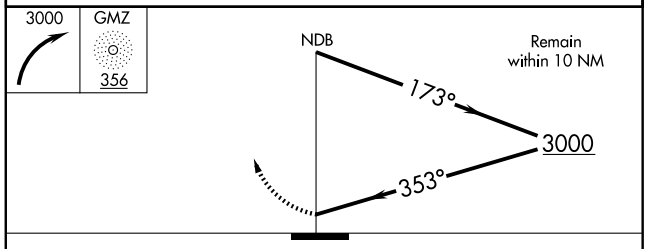
NA

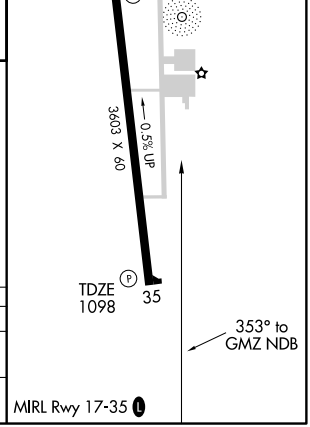
Use Sheppard AFB/Wichita Falls Muni, TX altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 in GMZ NDB holding pattern.

AWOS-3	FORT WORTH CENTER	UNICOM
118.75	133.25 285.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	1980-1¼ 882 (900-1¼)		1980-2¾ 882 (900-2¾)	NA
CIRCLING	1980-1¼ 879 (900-1¼)		1980-2¾ 879 (900-2¾)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3603
167°	TDZE	1101
	Apt Elev	1101

RNAV (GPS) RWY 17

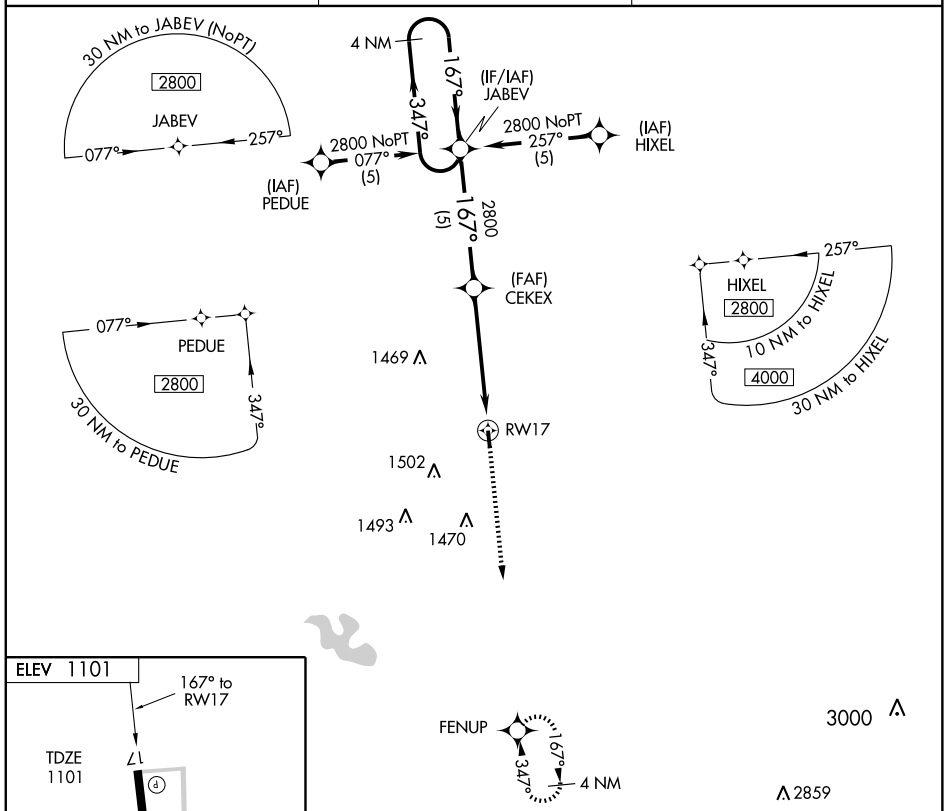
BOWIE MUNI (ØF2)

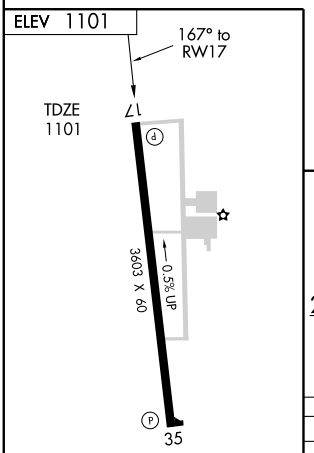
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Use Sheppard AFB/Wichita Falls Muni altimeter setting.

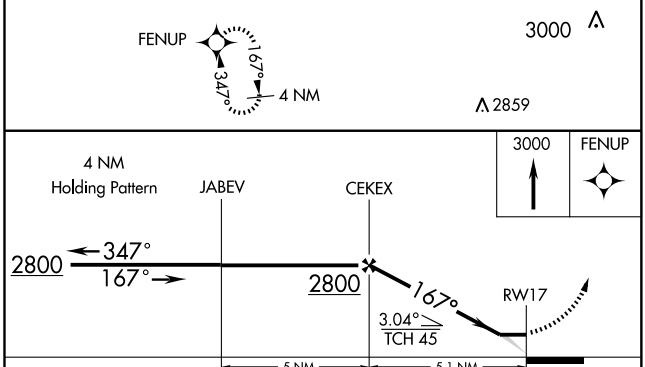
NA

MISSED APPROACH: Climb to 3000 direct to FENUP WP and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.75	133.25 285.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1640-1	539 (600-1)	1640-1½ 539 (600-1½)	NA
CIRCLING	1660-1	559 (600-1)	1680-1½ 579 (600-1½)	NA

MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3603
347°	TDZE	1098
	Apt Elev	1101

RNAV (GPS) RWY 35

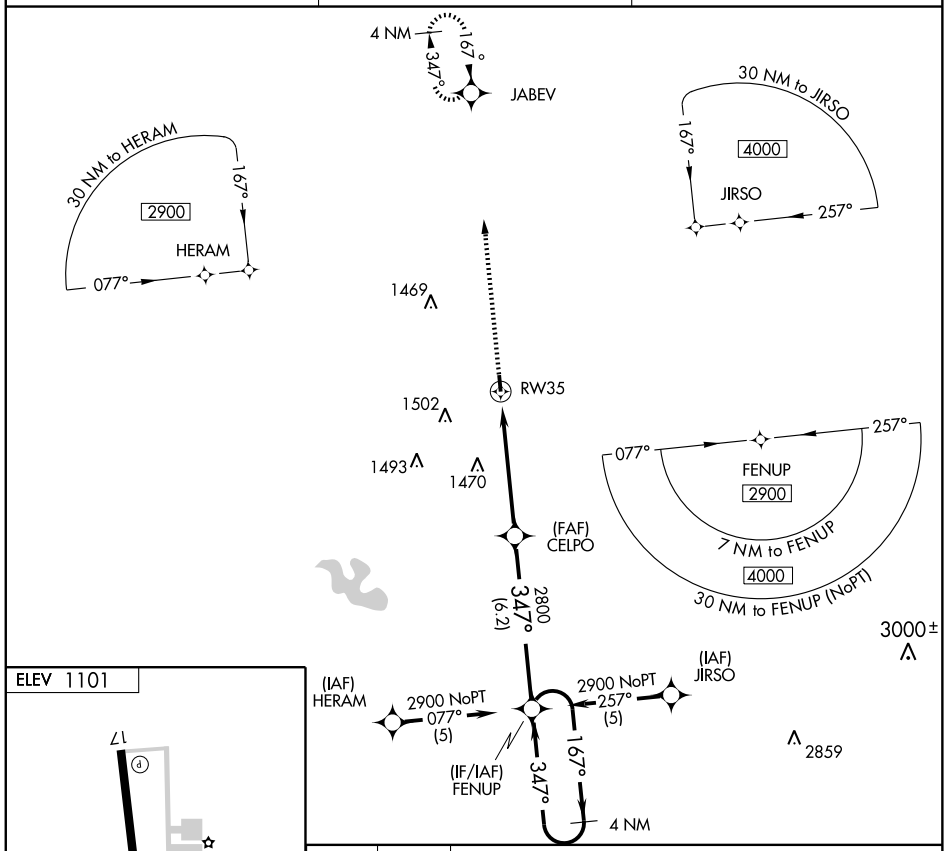
BOWIE MUNI (ØF2)

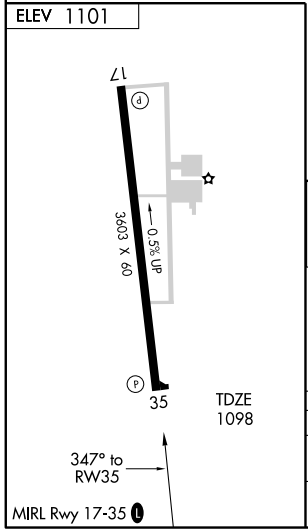
NA

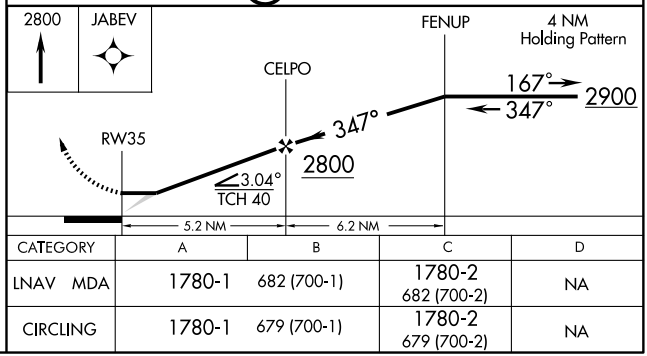
DME/DME RNP-0.3 NA. Use Decatur altimeter setting; when not received, use Gainsville altimeter setting and increase all MDA 60 feet, increase Cat B and C visibility ¼ mile.

MISSED APPROACH: Climb to 2800 direct JABEV and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.75	133.25 285.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1780-1	682 (700-1)	1780-2 682 (700-2)	NA
CIRCLING	1780-1	679 (700-1)	1780-2 679 (700-2)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB BBD 380	APP CRS 167°	Rwy Idg 4605 TDZE 1827 Apt Elev 1827

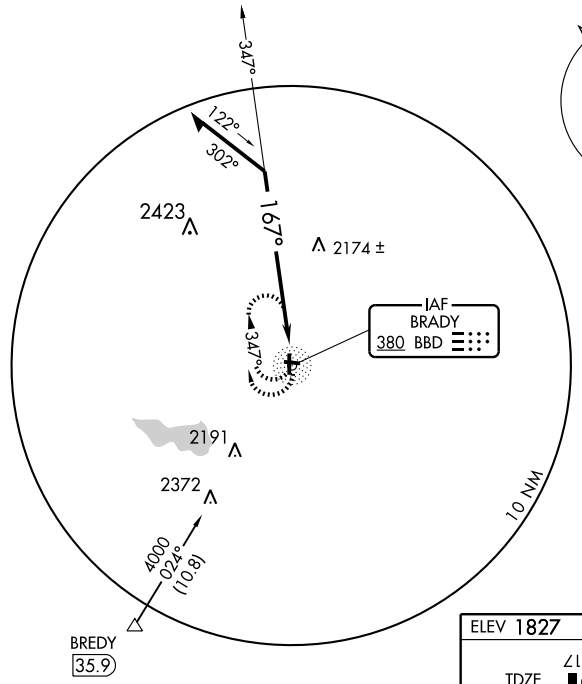
NDB RWY 17

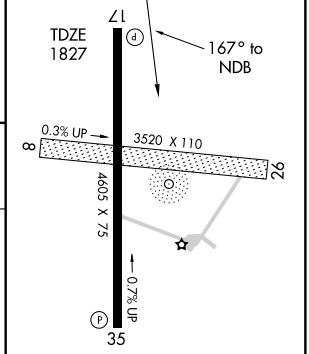
BRADY/CURTIS FIELD (BBD)

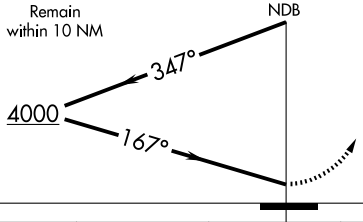
Circling to Rwy 35 NA at night. Visibility reduction by helicopters NA. When local altimeter setting not received, use Junction altimeter setting and increase all MDAs 120 feet and increase S-17 and circling Cat B visibility ¼ mile and Cat C visibility ½ mile.

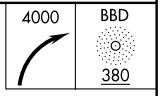
MISSED APPROACH: Climbing right turn to 4000 in BBD NDB holding pattern.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	132.35 317.5	122.8 (CTAF) L









CATEGORY	A	B	C	D
S-17	2540-1	713 (800-1)	2540-2 713 (800-1)	NA
CIRCLING	2540-1	713 (800-1)	2540-2 713 (800-1)	NA

MIRL Rwy 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4605
CH 53608	173°	TDZE	1827
W17A		Apt Elev	1827

RNAV (GPS) RWY 17

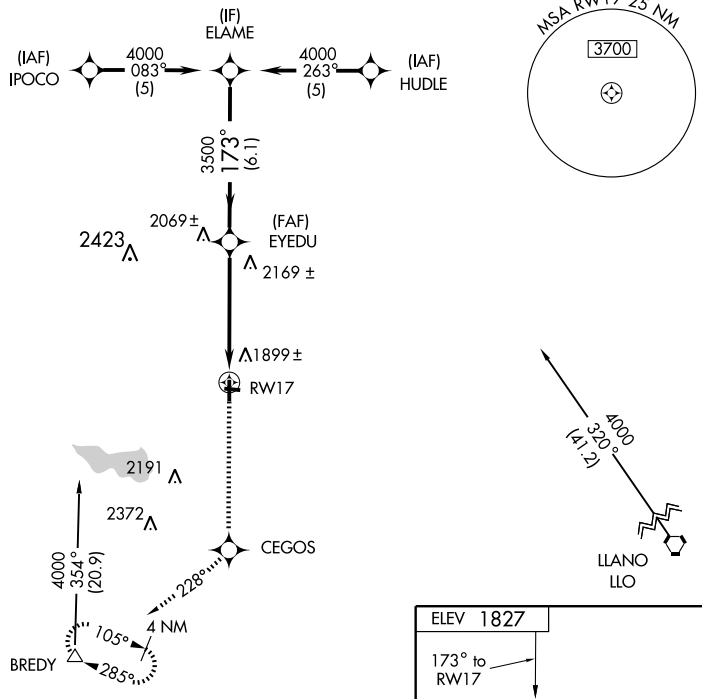
BRADY/ CURTIS FIELD (BBD)

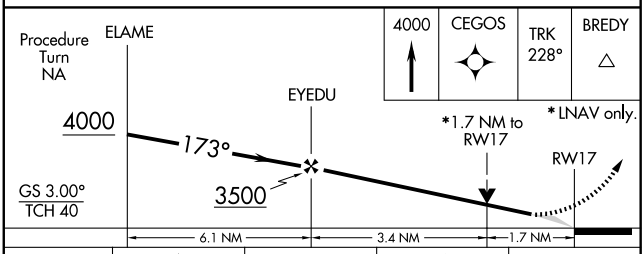
Circling to Rwy 35 NA at night. DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). When local altimeter setting not received, use Junction altimeter setting and increase all DA/MDA 120 feet, increase LPV all Cats visibility ¼ mile, LNAV and circling Cat C visibility ½ mile. VDP and Baro-VNAV NA when using Junction altimeter setting.

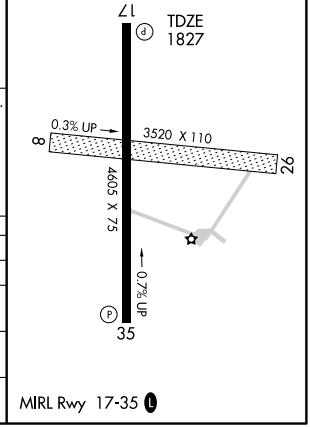
MISSED APPROACH: Climb to 4000 direct CEGOS and via 228° track to BREDY and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	132.35 317.5	122.8 (CTAF) L

Procedure NA for arrivals at LLO Vortac via V161-568 southbound.







CATEGORY	A	B	C	D
LPV DA	2077-1	250 (300-1)		NA
LNAV/VNAV DA	2191-1¼	364 (400-1¼)		NA
LNAV MDA	2420-1	593 (600-1)	2420-1½ 593 (600-1½)	NA
CIRCLING	2420-1	593 (600-1)	2420-1½ 593 (600-1½)	NA

MIRL Rwy 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4605
CH 49108	353°	TDZE	1823
W35A		Apt Elev	1827

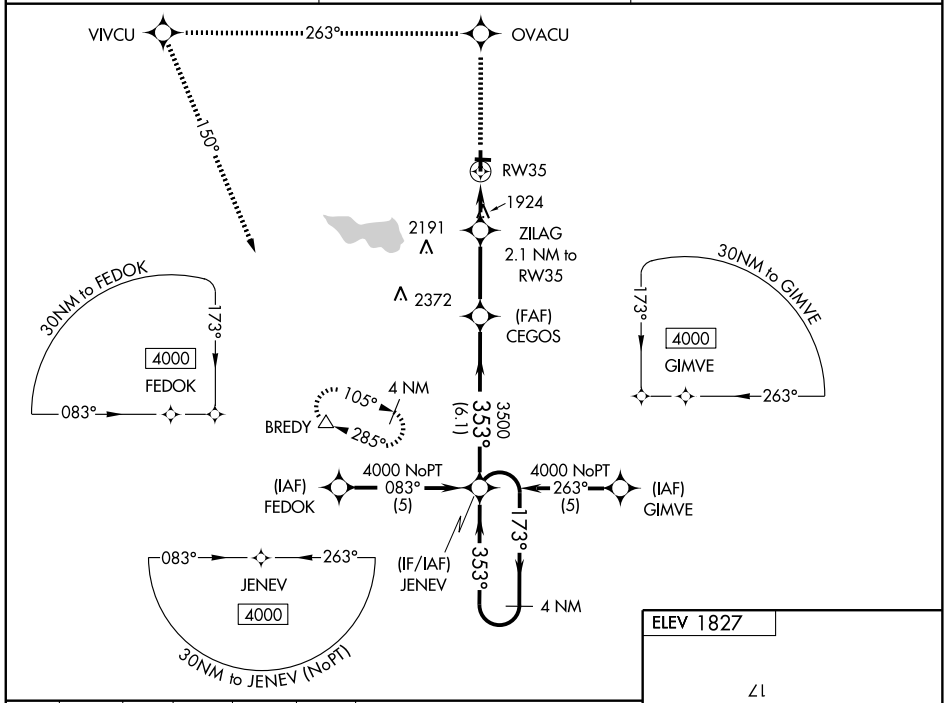
RNAV (GPS) RWY 35

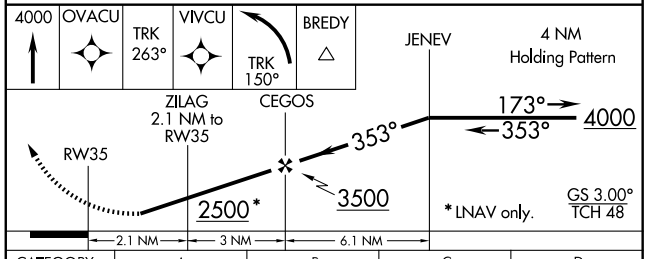
BRADY/ CURTIS FIELD (BBD)

DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). When local altimeter setting not received, use Junction altimeter setting and increase all DA/MDA 120 feet, increase LPV, LNAV/VNAV all Cats visibility ½ mile, LNAV Cat C visibility ¼ mile. Baro-VNAV NA when using Junction altimeter setting. Procedure NA at night. Visibility reduction by helicopters NA.

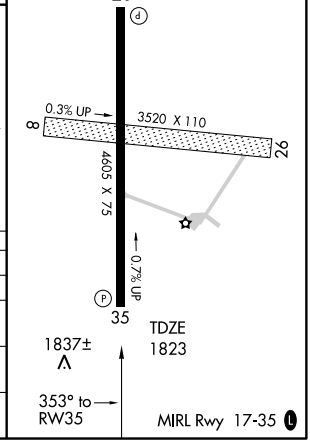
MISSED APPROACH: Climb to 4000 direct OVACU and via 263° track to VIVCU and left turn via 150° track to BREDY and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	132.35 317.5	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	2073-1 250 (300-1)			NA
LNAV/VNAV DA	2107-1 284 (300-1)			NA
LNAV MDA	2240-1 417 (500-1)		2240-1¼ 417 (500-1¼)	NA
CIRCLING	2240-1 413 (500-1)	2280-1 453 (500-1)	2280-1½ 453 (500-1½)	NA



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4998
338°	TDZE	1283
	Apt Elev	1283

GPS RWY 35

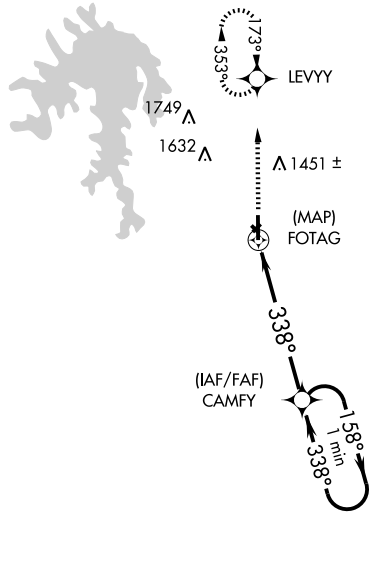
BRECKENRIDGE/STEPHENS COUNTY (BKD)

NA

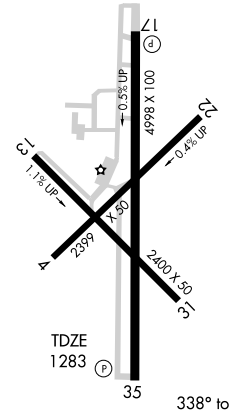
Use Abilene Regional altimeter setting.

MISSED APPROACH: Climb to 3000 direct LEVYY and hold.

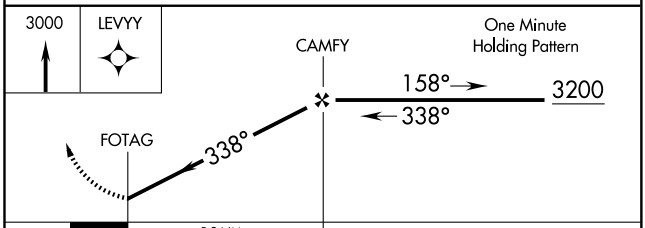
AWOS-3	FORT WORTH CENTER	UNICOM
120.175	127.0 360.6	122.8 (CTAF)



ELEV 1283



MIRL Rwy 17-35



CATEGORY	A	B	C	D
S-35	1900-1	617 (700-1)	1900-1¾ 617 (700-1¾)	1900-2 617 (700-2)
CIRCLING	1900-1	617 (700-1)	1900-1¾ 617 (700-1¾)	1940-2 657 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5496
165°	TDZE	308
	Apt Elev	308

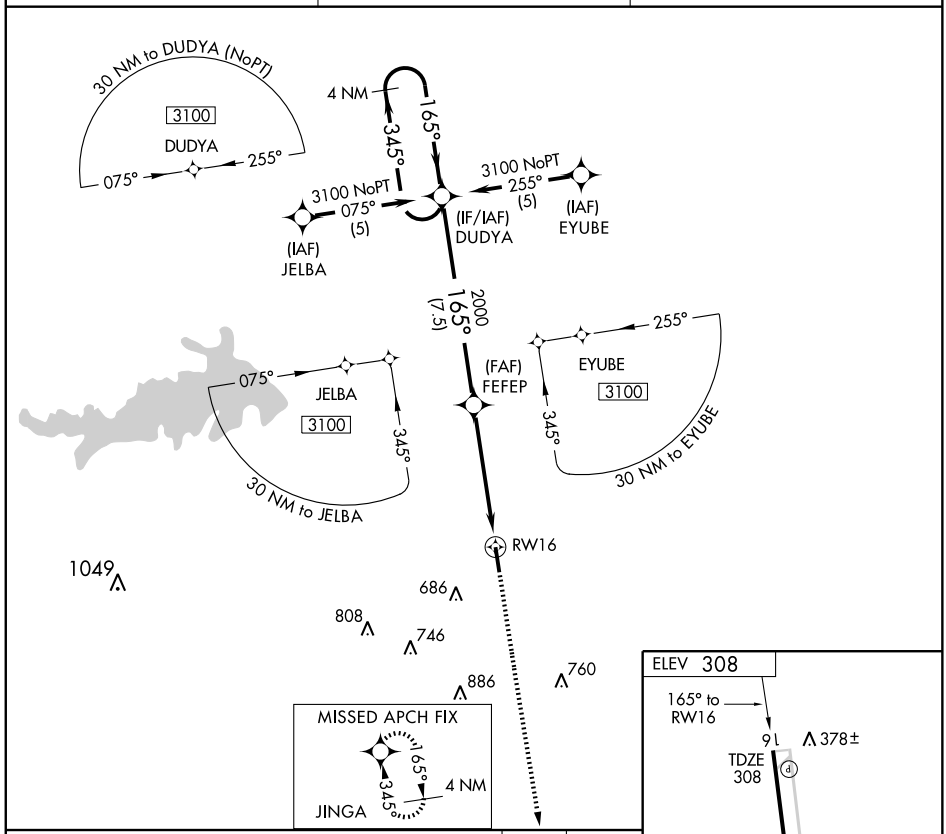
RNAV (GPS) RWY 16
BRENHAM MUNI (11R)

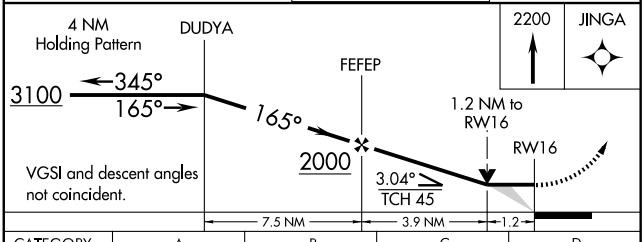
When local altimeter setting not received, use College Station altimeter setting and increase all MDAs 60 ft. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

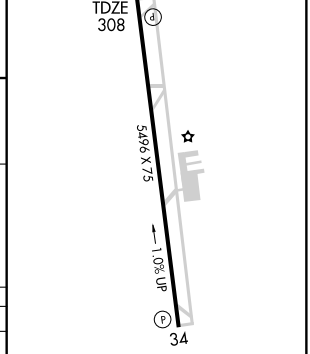
NA

MISSED APPROACH: Climb to 2200 direct JINGA WP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
121.125	120.4 371.9	123.075 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	780-1	472 (500-1)	780-1¼ 472 (500-1¼)	780-1½ 472 (500-1½)
CIRCLING	780-1	472 (500-1)	800-1½ 492 (500-1½)	1040-2¼ 732 (800-2¼)

MIRL Rwy 16-34 L
REIL Rwys 16 and 34

RNAV (GPS) RWY 34

BRENHAM MUNI (11R)

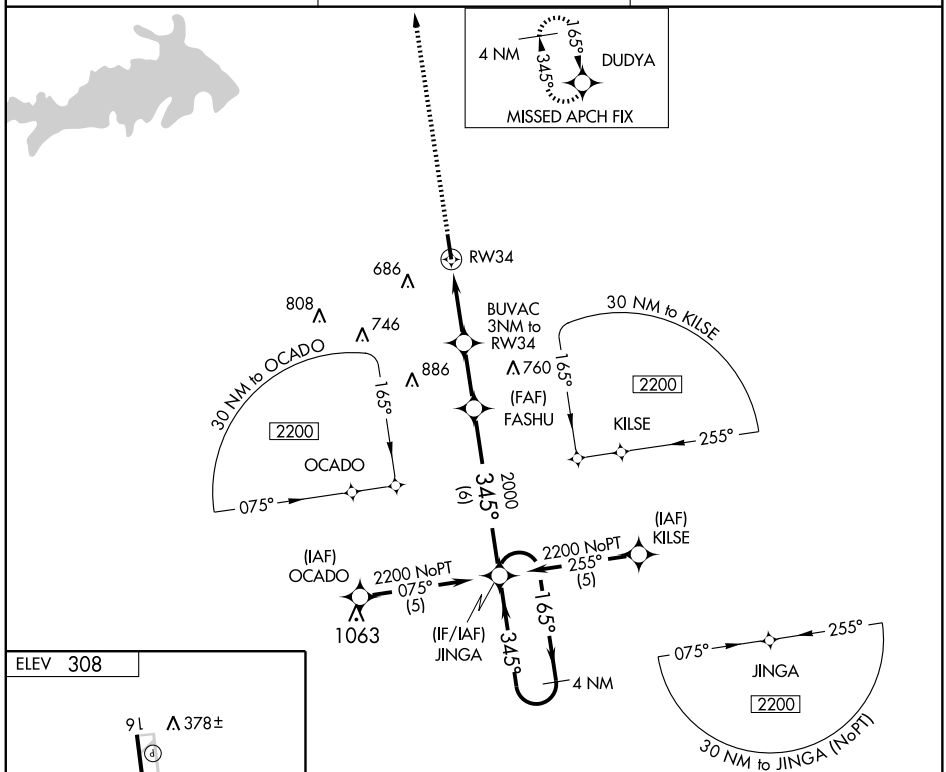
APP CRS	Rwy Idg	5496
345°	TDZE	269
	Apt Elev	308

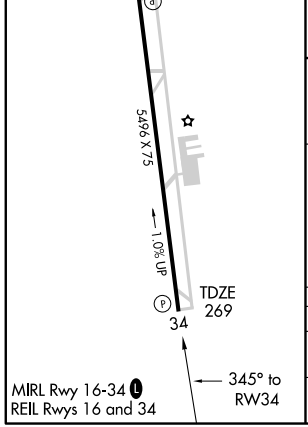
When local altimeter setting not received, use College Station altimeter setting and increase all MDAs 60 ft. GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.

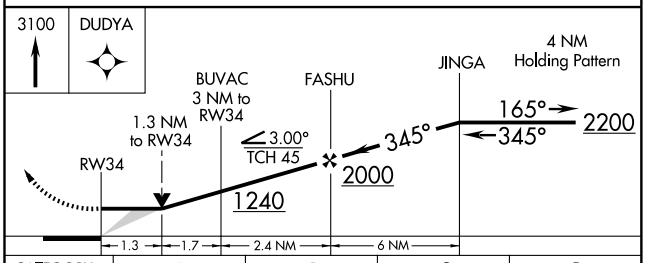
NA

MISSED APPROACH: CLimb to 3100 direct DUDYA WP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
121.125	120.4 371.9	123.075 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1 431 (400-1)		700-1¼ 431 (400-1¼)	700-1½ 431 (400-1½)
CIRCLING	780-1 472 (500-1)		800-1½ 492 (500-1½)	1040-2¼ 732 (800-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

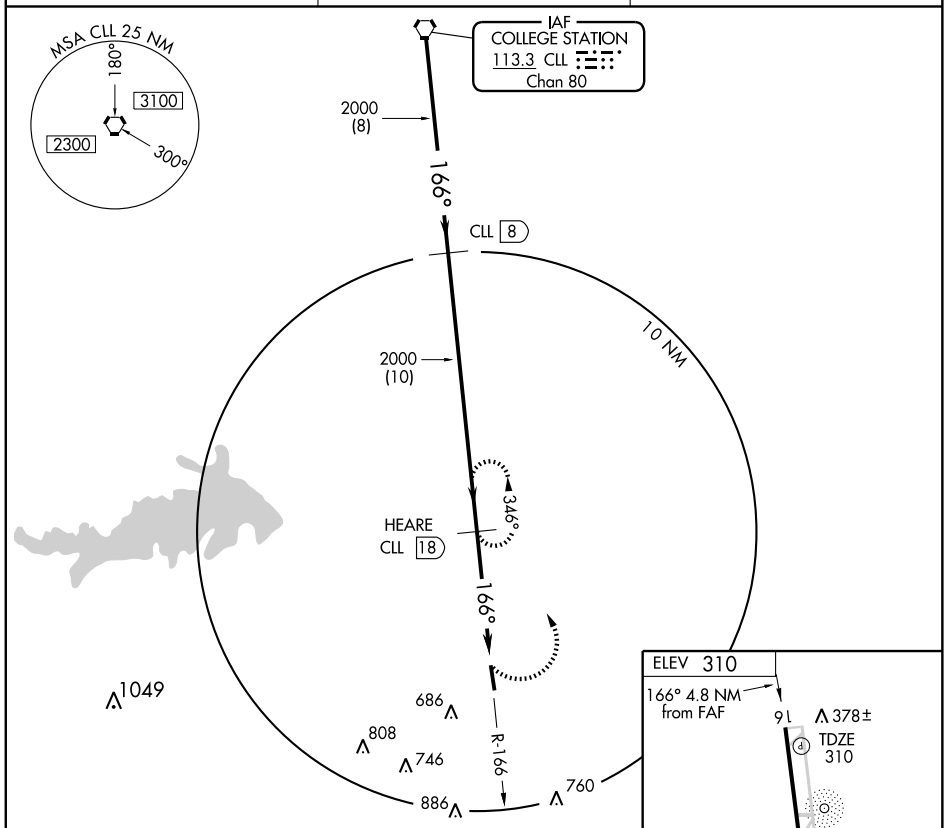
VOR CLL 113.3 Chan 80	APP CRS 166°	Rwy Idg 5496 TDZE 310 Apt Elev 310

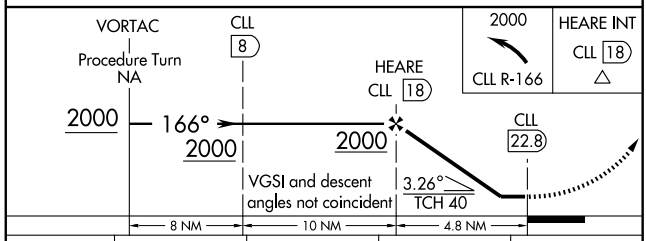
VOR/DME RWY 16
BRENHAM MUNI (11R)

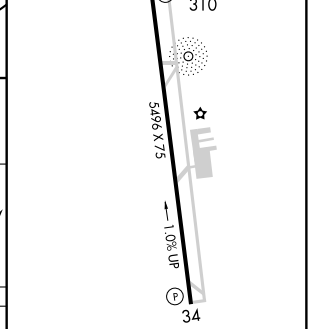
NA

MISSED APPROACH: Climbing left turn to 2000 via CLL R-166 to HEARE/18 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
121.125	120.4 371.9	123.075 (CTAF) L







CATEGORY	A	B	C	D
S-16	920-1	610 (700-1)	920-1¾ 610 (700-1¾)	920-2 610 (700-2)
CIRCLING	920-1	610 (700-1)	920-1¾ 610 (700-1¾)	1080-2½ 770 (800-2½)

MIRL Rwy 16-34 L
REIL Rwys 16 and 34

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC UKW 112.4 Chan 71	APP CRS 175°	Rwy Idg 4004 TDZE 841 Apt Elev 852

VOR/DME RWY 17

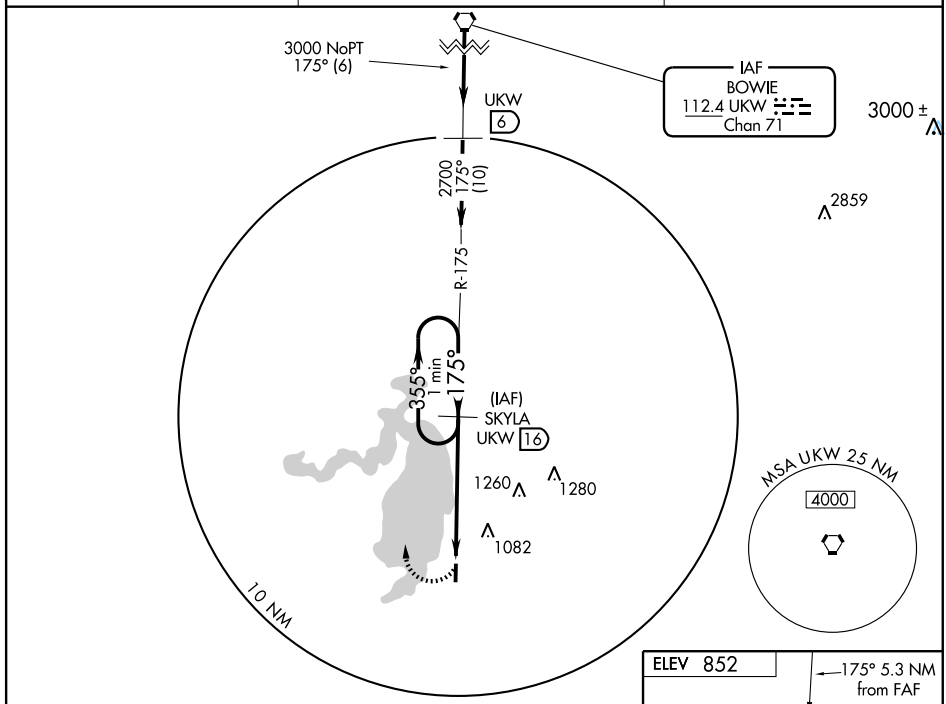
BRIDGEPORT MUNI (XBP)

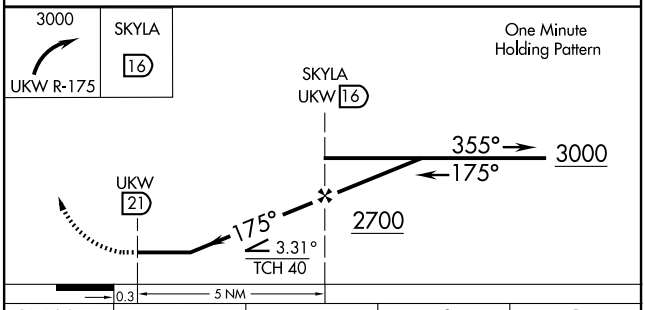
NA

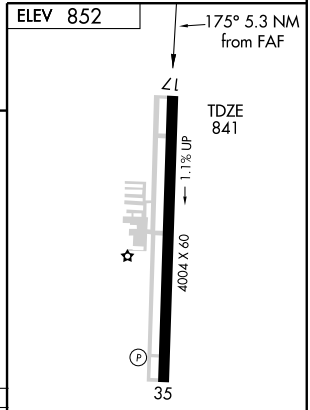
Use Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 via UKW R-175 to SKYLA/16 DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.225	127.0 360.6	123.0 (CTAF)







CATEGORY	A	B	C	D
S-17	1520-1 679 (700-1)	1520-1¼ 679 (700-1¼)	NA	
CIRCLING	1560-1 708 (800-1)	1560-1¼ 708 (800-1¼)	NA	

MIRL Rwy 17-35

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5217
017°	TDZE	3256
	Apt Elev	3264

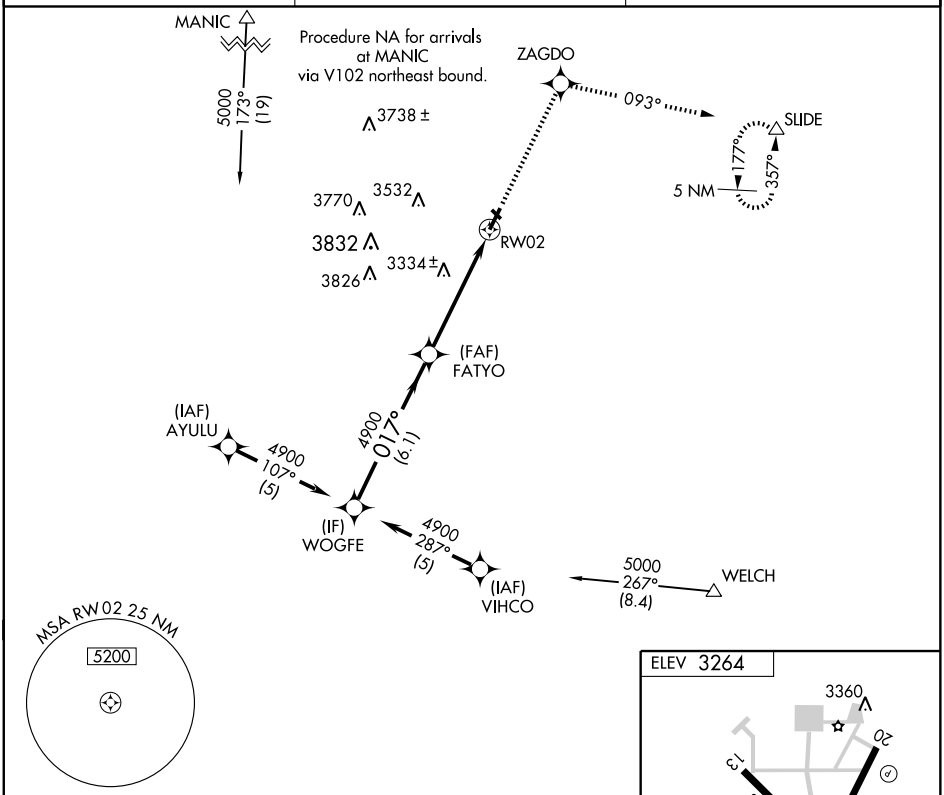
RNAV (GPS) RWY 2

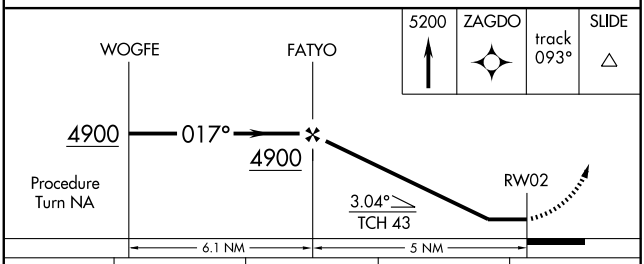
BROWNFIELD/TERRY COUNTY (BFE)

T NA DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Seminole altimeter setting, when not received, use Lubbock altimeter setting.

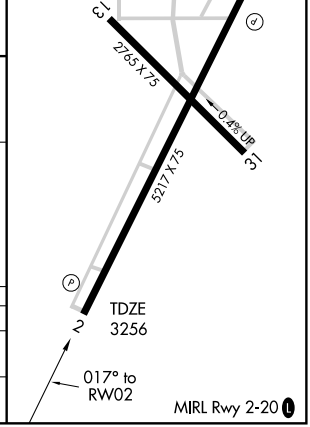
MISSED APPROACH: Climb to 5200 direct ZAGDO and via track 093° to SLIDE and hold.

SEMINOLE AWOS-3	LUBBOCK APP CON	UNICOM
118.075	119.9 335.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	3680-1 424 (500-1)		3680-1¼ 424 (500-1¼)	
CIRCLING	3760-1 496 (500-1)		3780-1½ 516 (600-1½)	3920-2 656 (700-2)



APP CRS	Rwy Idg	5217
197°	TDZE	3264
	Apt Elev	3264

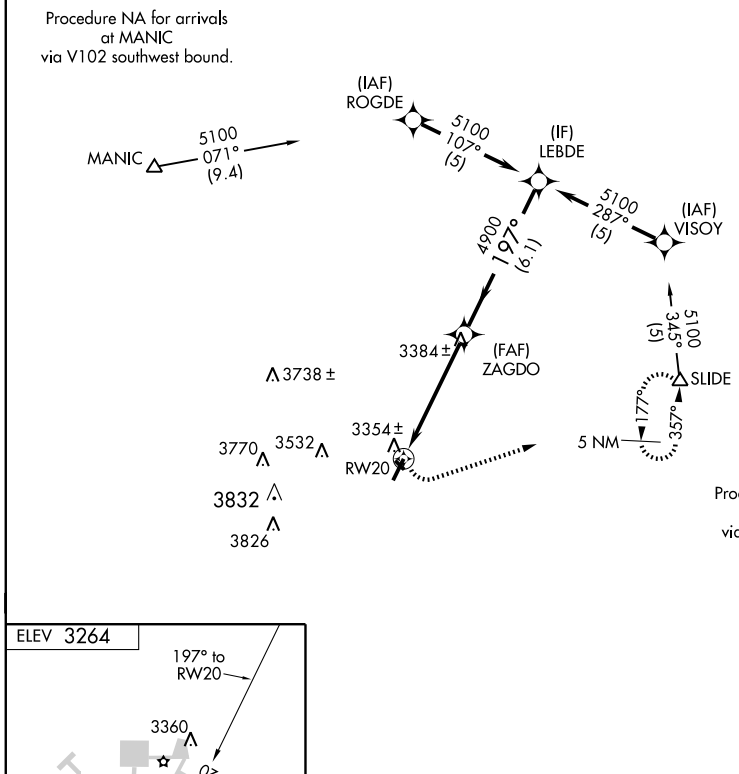
RNAV (GPS) RWY 20

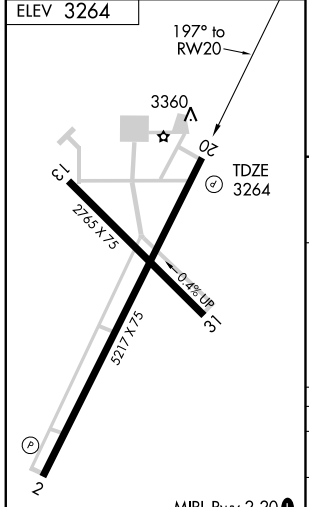
BROWNFIELD/ TERRY COUNTY (BFE)

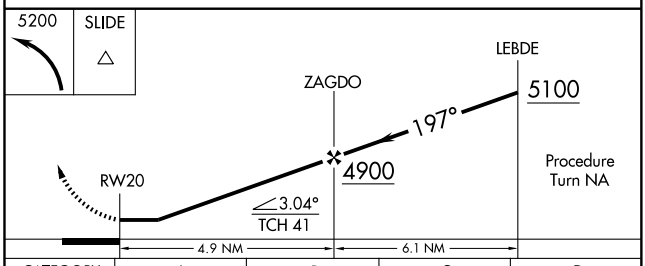
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Seminole altimeter setting, when not received, use Lubbock altimeter setting.

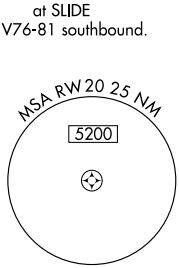
MISSED APPROACH: Climbing left turn to 5200 direct SLIDE and hold.

SEMINOLE AWOS-3	LUBBOCK APP CON	UNICOM
118.075	119.9 335.6	122.8 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	3700-1 436 (500-1)		3700-1¼ 436 (500-1¼)	3700-1½ 436 (500-1½)
CIRCLING	3760-1 496 (500-1)		3780-1½ 516 (600-1½)	3920-2 656 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

09183

AIRPORT DIAGRAM

BROWNSVILLE/ SOUTH PADRE ISLAND INTL (BRO)
BROWNSVILLE, TEXAS
AL-61 (FAA)

ATIS
128.55
BROWNSVILLE TOWER ★
118.9 239.3
GND CON
121.9

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

D

25°55′ N

116

17 ELEV 20

HANGARS

FIRE STATION

AIR FREIGHT TERMINAL

13R ELEV 17

13L ELEV 17

177.0°

130.2°

3000 X 75

FBO
107

HANGARS

PASSENGER TERMINAL

CONTROL TOWER
127

6000 X 150

310.2°

31R

ELEV 19

7399 X 150

25°54′ N

357.0°

35

FIELD ELEV 22

310.2°

31L

ELEV 20

RWY 13L-31R
S10, D50
RWY 13R-31L
S75, D170, ST175, DT240
RWY 17-35
S75, D144, ST175, DT150

VAR 5.2° E

JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W

97°26′ W

97°25′ W

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-BRO	APP CRS	Rwy Idg	7399
110.3	128°	TDZE	19
Chan 40		Apt Elev	22

ILS or LOC RWY 13R

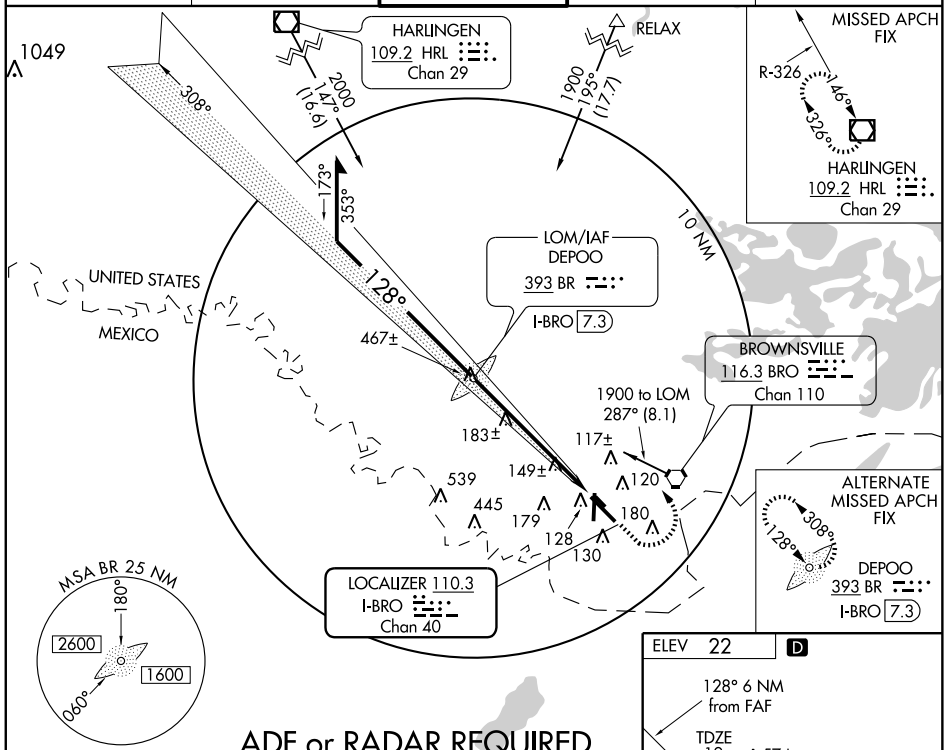
BROWNSVILLE/ SOUTH PADRE ISLAND INTL (BRO)

⚠ When local altimeter setting not received use Port Isabel altimeter setting and increase all DA 38 feet and all MDAs 40 feet and S-LOC 13R Cat D visibility to RVR 5000. For inoperative MALSR increase S-ILS 13R all Cats visibility to RVR 5000.

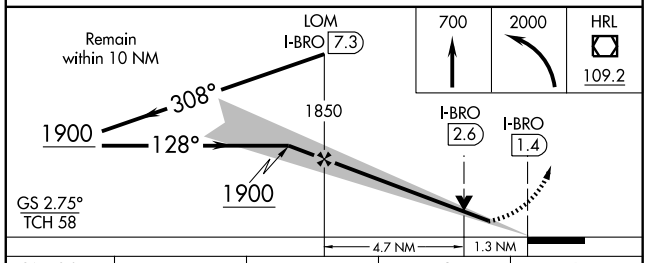
MALSR

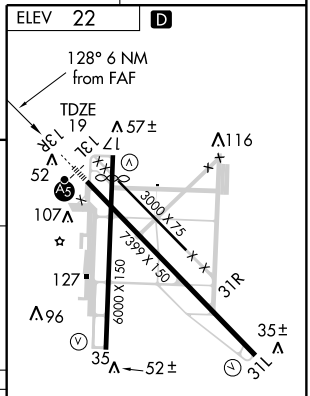
MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER ★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) 239.3	121.9	122.95



ADF or RADAR REQUIRED





MIRL Rwy 17-35
HIRL Rwy 13R-31L

CATEGORY	A	B	C	D
S-ILS 13R	219/24		200 (200-½)	
S-LOC 13R	440/24 421 (500-½)		440/40 421 (500-¾)	
CIRCLING	440-1 418 (500-1)	540-1 518 (600-1)	540-1½ 518 (600-1½)	580-2 558 (600-1)

FAF to MAP 6 NM

Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

SC-3, 17 DEC 2009 to 14 JAN 2010

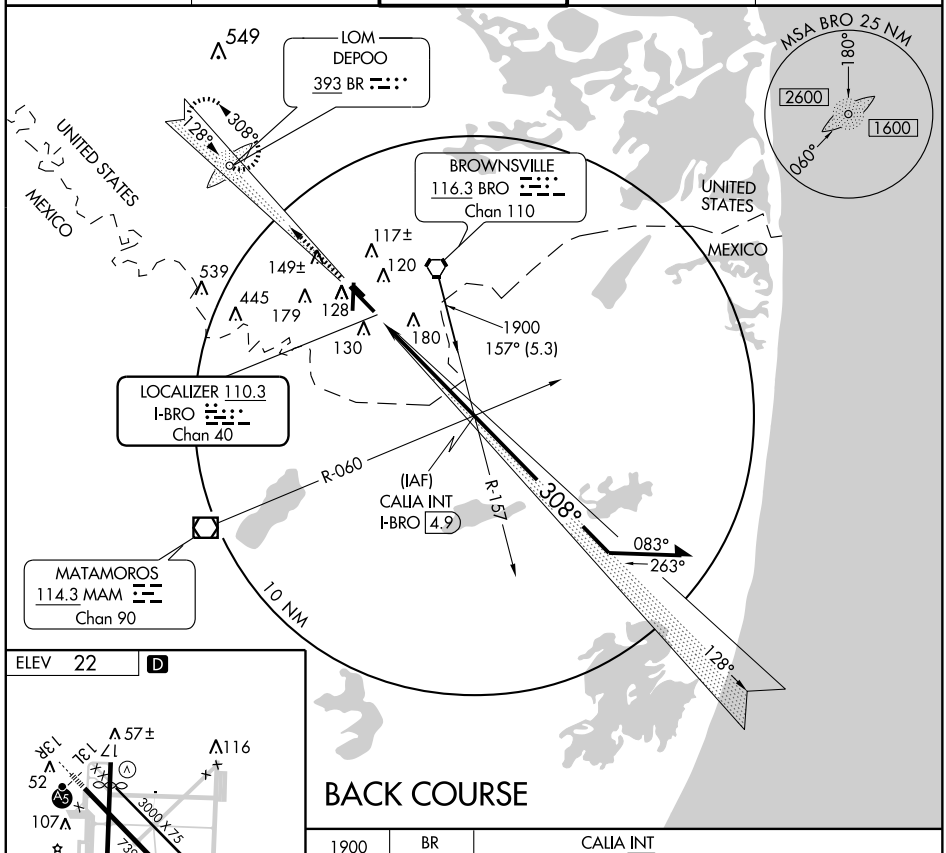
LOC I-BRO	APP CRS	Rwy Idg	7399
110.3	308°	TDZE	20
Chan 40		Apt Elev	22

LOC BC RWY 31L

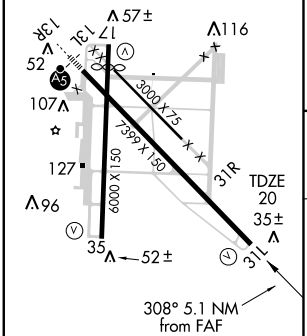
BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

MISSED APPROACH: Climb to 1900 direct BR LOM and hold.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) 239.3	121.9	122.95

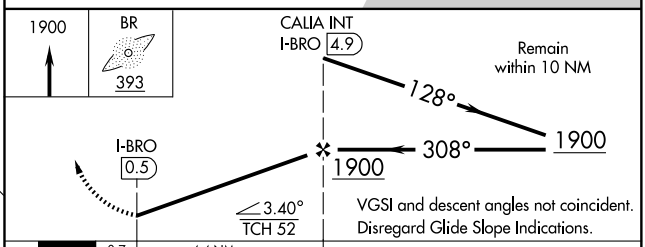


ELEV 22 D



MIRL Rwy 17-35
HIRL Rwy 13R-31L

BACK COURSE



FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

CATEGORY	A	B	C	D
S-31L		340-1 320 (400-1)		
CIRCLING	440-1 418 (500-1)	480-1 458 (500-1)	480-1½ 458 (500-1½)	580-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7399
128°	TDZE	19
	Apt Elev	22

RNAV (GPS) RWY 13R

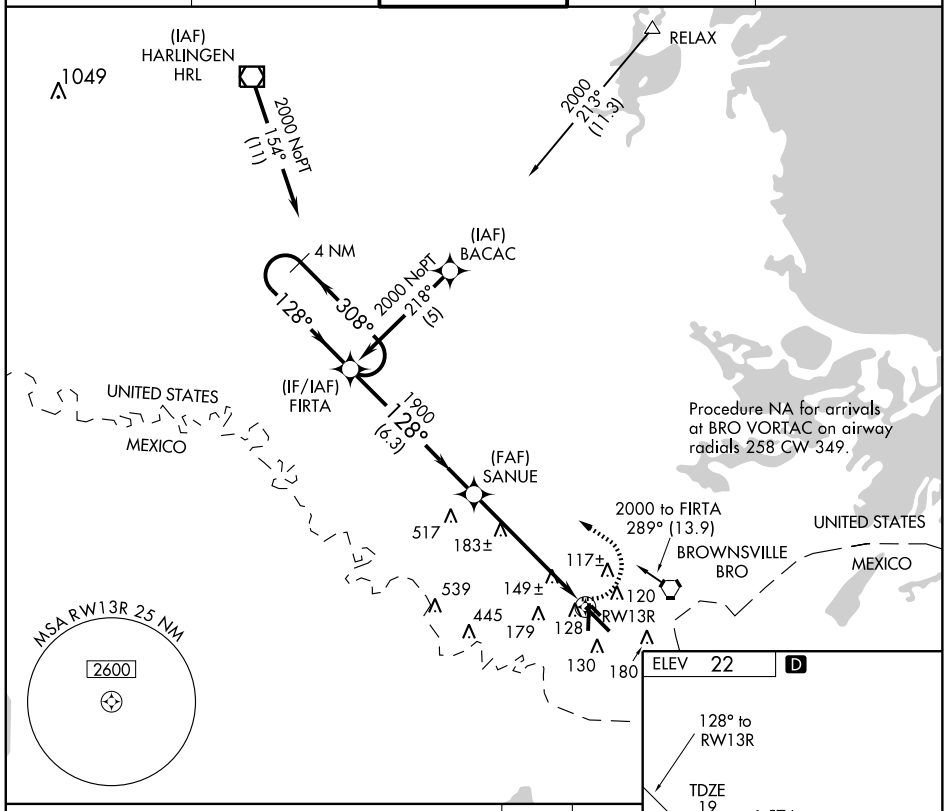
BROWNSVILLE/ SOUTH PADRE ISLAND INTL (BRO)

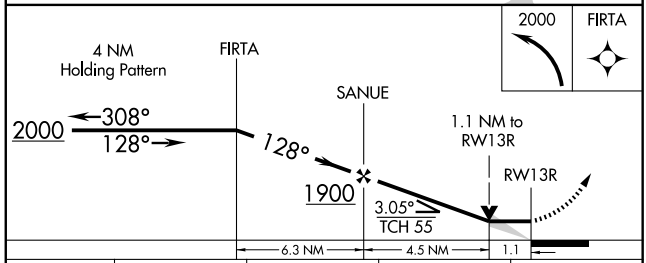
⚠ When local altimeter setting not received use Port Isabel altimeter setting and increase all MDAs 40 feet. For inoperative MALSR increase LNAV Cat D visibility to RVR 6000. VDP NA when using Port Isabel altimeter setting. DME/DME RNP-0.3 NA.

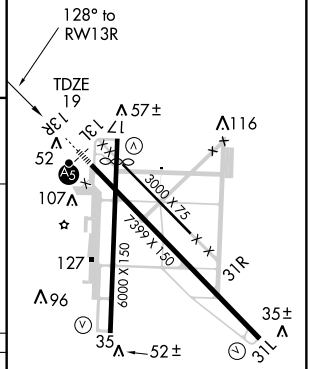
MALSR

MISSED APPROACH: Climbing left turn to 2000 direct FIRTA and hold.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) 239.3	121.9	122.95







CATEGORY	A	B	C	D
LNAV MDA	440/24 421 (500-½)		440/40 421 (500-¾)	440/50 421 (500-1)
CIRCLING	440-1 418 (500-1)	540-1 518 (600-1)	540-1½ 518 (600-1½)	580-2 558 (600-2)

MIRL Rwy 17-35
HIRL Rwy 13R-31L

SC-3, 17 DEC 2009 to 14 JAN 2010

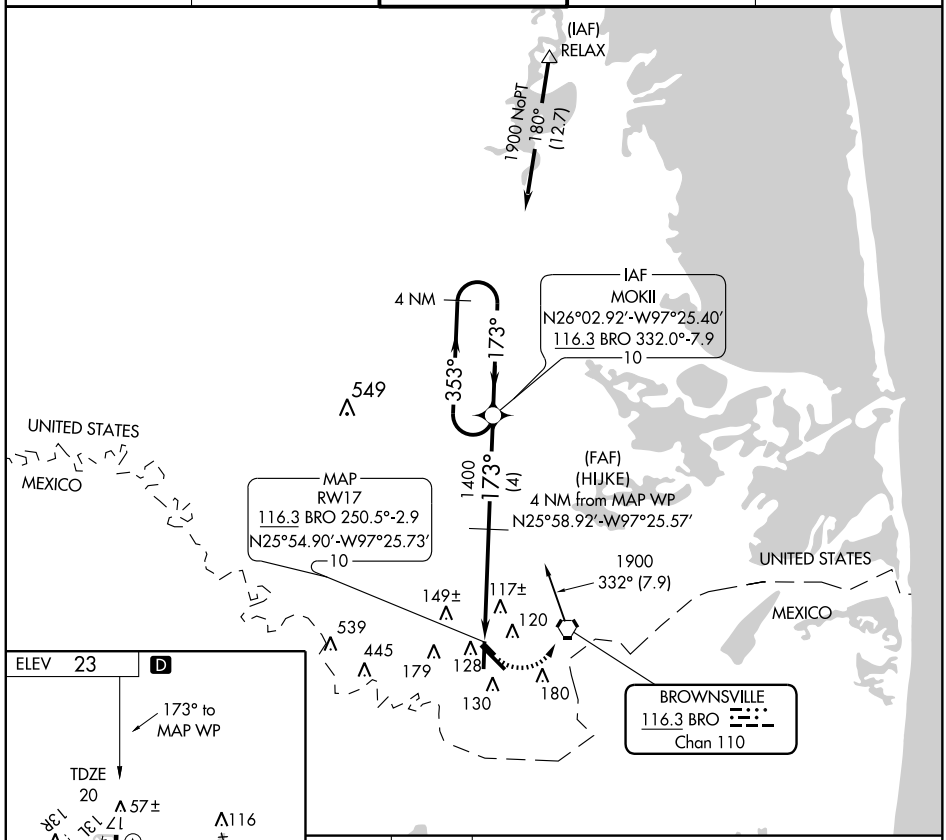
VORTAC BRO 116.3 Chan110	APP CRS 173°	Rwy Idg 5810 TDZE 20 Apt Elev 23

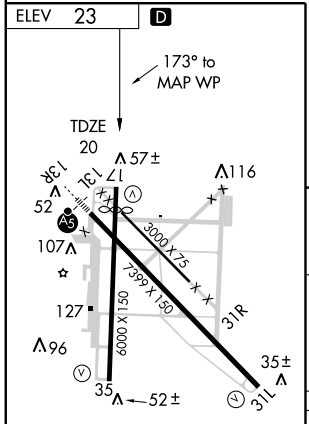
VOR/DME RNAV or GPS RWY 17

BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

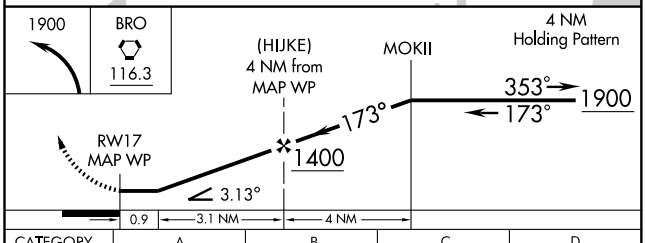
Night straight in minimums NA	MISSED APPROACH: Climbing left turn to 1900 direct BRO VORTAC.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER ★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) L 239.3	121.9	122.95





MIRL Rwy 17-35
HIRL Rwy 13R-31L



CATEGORY	A	B	C	D
S-17	400-1 380 (400-1)			400-1¼ 380 (400-1¼)
CIRCLING	420-1 397 (400-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

BROWNSVILLE, TEXAS

AL-61 (FAA)

VORTAC BRO	APP CRS	Rwy Idg	6000
116.3	353°	TDZE	23
Chan 110		Apt Elev	23

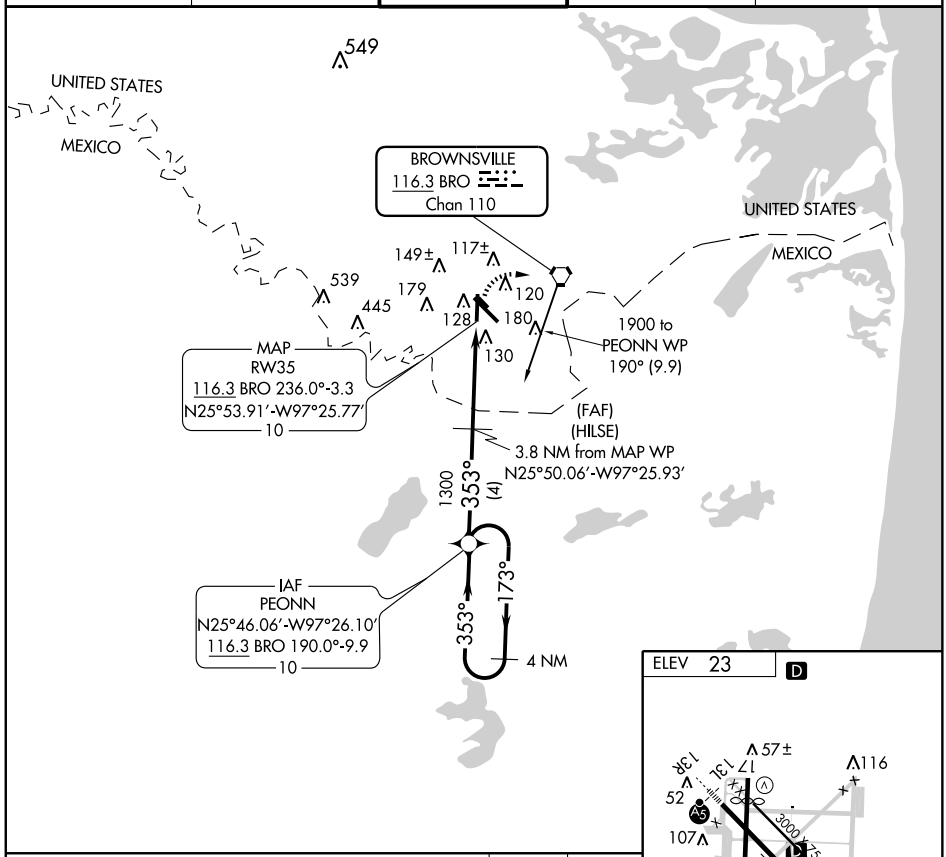
VOR/DME RNAV or GPS RWY 35

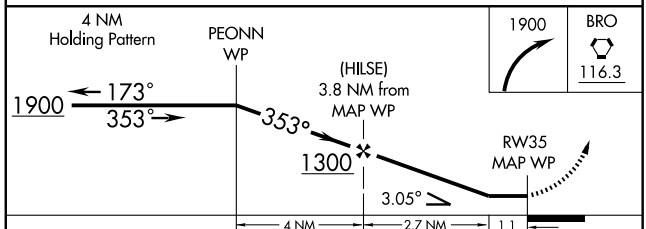
BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

Night straight in minimums not authorized when BRO tower closed.

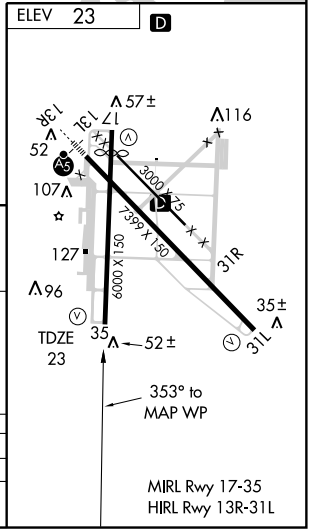
MISSED APPROACH: Climbing right turn to 1900 direct BRO VORTAC.

ATIS	VALLEY APP CON	BROWNSVILLE TOWER ★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) Ⓛ 239.3	121.9	122.95





CATEGORY	A	B	C	D
S-35	440-1 417 (500-1)		440-1¼ 417 (500-1¼)	
CIRCLING	440-1 417 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)



SC-3, 17 DEC 2009 to 14 JAN 2010

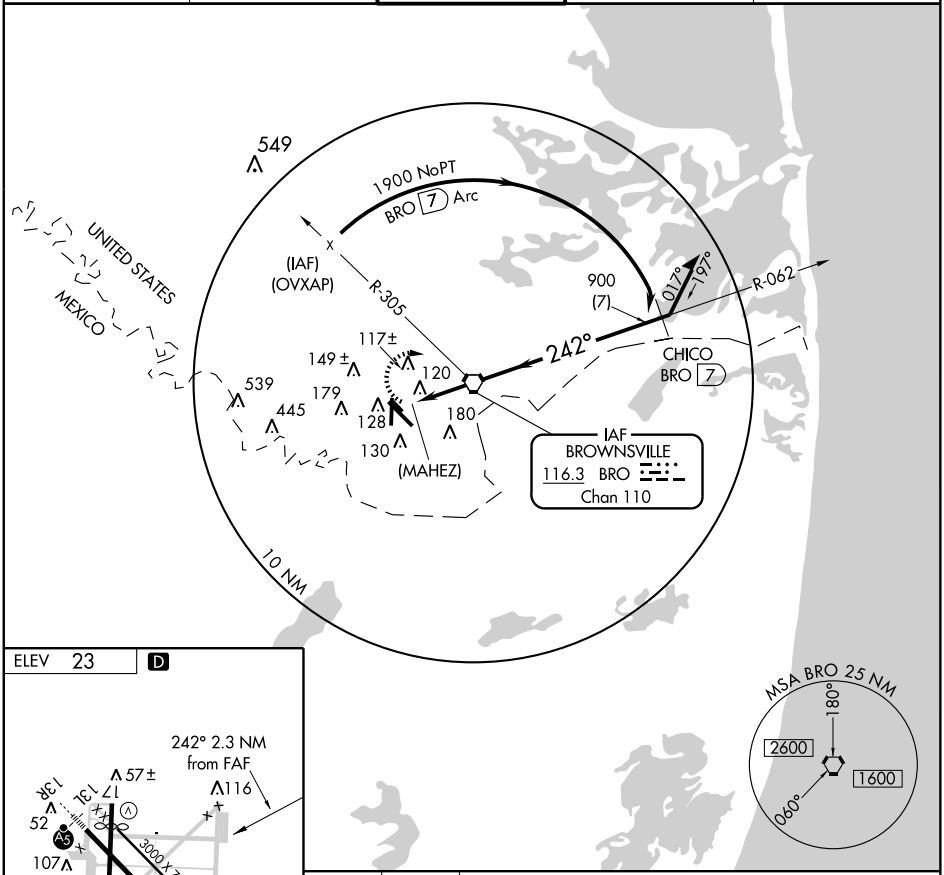
VORTAC BRO 116.3 Chan110	APP CRS 242°	Rwy Idg N/A TDZE N/A Apt Elev 23

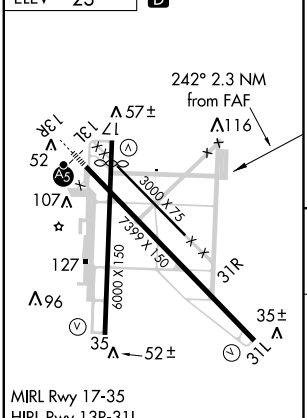
VOR or TACAN or GPS-A

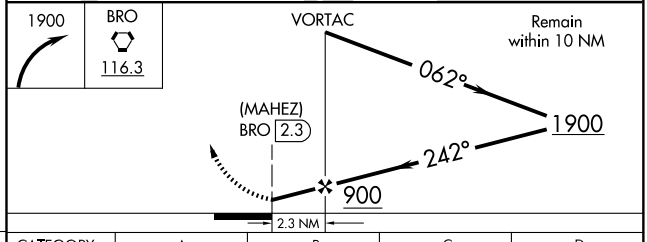
BROWNSVILLE/SOUTH PADRE ISLAND INTL (BRO)

MISSED APPROACH: Climbing right turn to 1900 direct BRO VORTAC. (TACAN aircraft climbing right turn to 1900 via BRO R-062 to CHICO/BRO 7 DME and hold NE, right turn, 242° inbound).

ATIS	VALLEY APP CON	BROWNSVILLE TOWER★	GND CON	UNICOM
128.55	119.5 257.6	118.9 (CTAF) 239.3	121.9	122.95







FAF to MAP 2.3 NM					
Knots	60	90	120	150	180
Min:Sec	2:18	1:32	1:09	0:55	0:46

CATEGORY	A	B	C	D
CIRCLING	440-1 417 (500-1)	480-1 457 (500-1)	480-1½ 457 (500-1½)	580-2 557 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

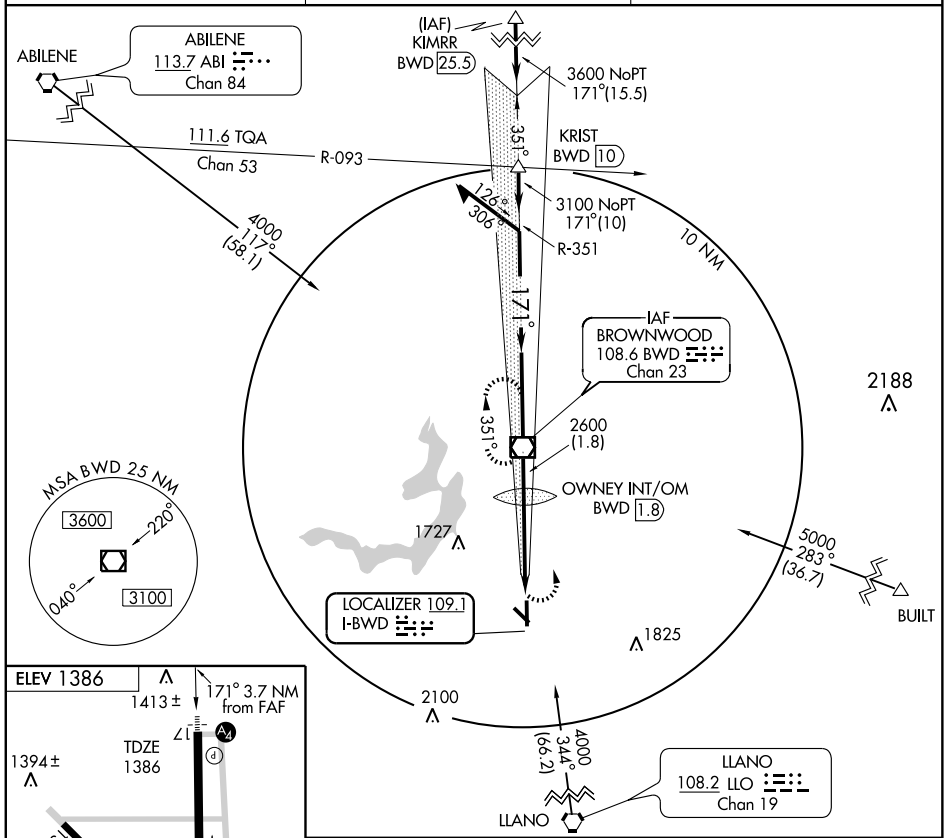
LOC I-BWD	APP CRS	Rwy Idg	5599
109.1	171°	TDZE	1386
		Apt Elev	1386

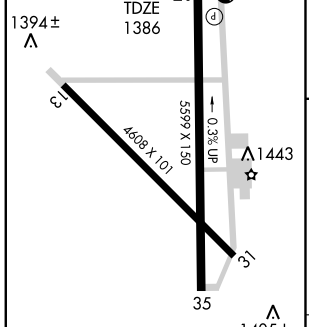
LOC RWY 17

BROWNWOOD RGNL (BWD)

NA	MALS	MISSED APPROACH: Climbing left turn to 3600 direct BWD VOR/DME and hold.
Inoperative table does not apply.		

AWOS-3	FORT WORTH CENTER	UNICOM
118.325	127.45 290.3	122.8 (CTAF) L

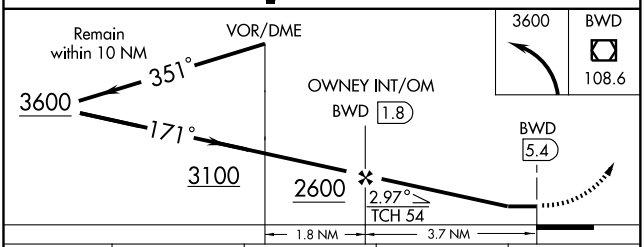




MIRL Rwys 13-31 L and 17-35 L

FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14



CATEGORY	A	B	C	D
S-17	1820-1 434 (500-1)		1820-1¼ 434 (500-1¼)	1820-1½ 434 (500-1½)
CIRCLING	1820-1 434 (500-1)	1840-1 454 (500-1)	1840-1½ 454 (500-1½)	1940-2 554 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70325 W17A	APP CRS 171°	Rwy Idg 5599 TDZE 1387 Apt Elev 1387

RNAV (GPS) RWY 17

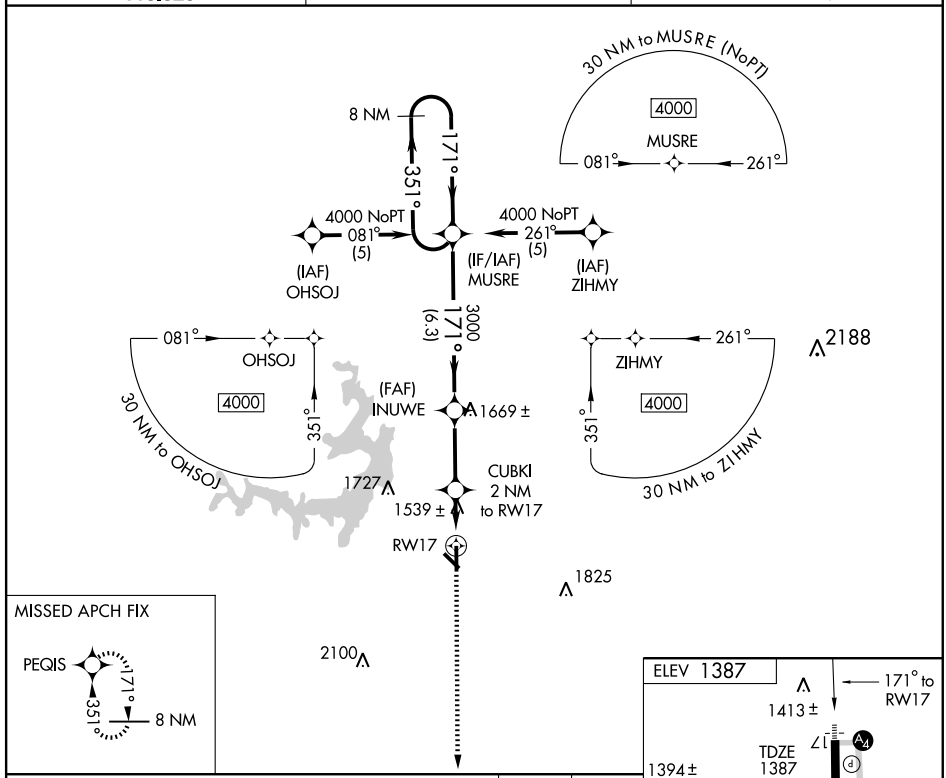
BROWNWOOD RGNL (BWD)

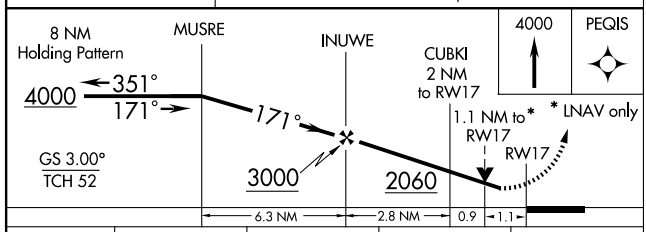
⚠ If local altimeter setting not received, use Comanche County-City altimeter setting and increase all DAs/MDAs 60 feet. Inoperative table does not apply to LPV all CATs and LNAV CAT C. VDP NA with Comanche County-City Altimeter setting. DME/DME RNP-0.3 NA.

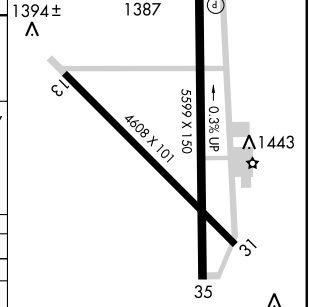
MALS A4

MISSED APPROACH: Climb to 4000 direct PEQIS and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.325	127.45 290.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1637-¾	250 (300-¾)		
LNAV/VNAV DA	NA			
LNAV MDA	1800-¾ 413 (500-¾)		1800-1¼ 413 (500-1¼)	
CIRCLING	1840-1 453 (500-1)		1840-1½ 453 (500-1½)	1940-2 553 (600-2)

MIRL Rwys 13-31 L and 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

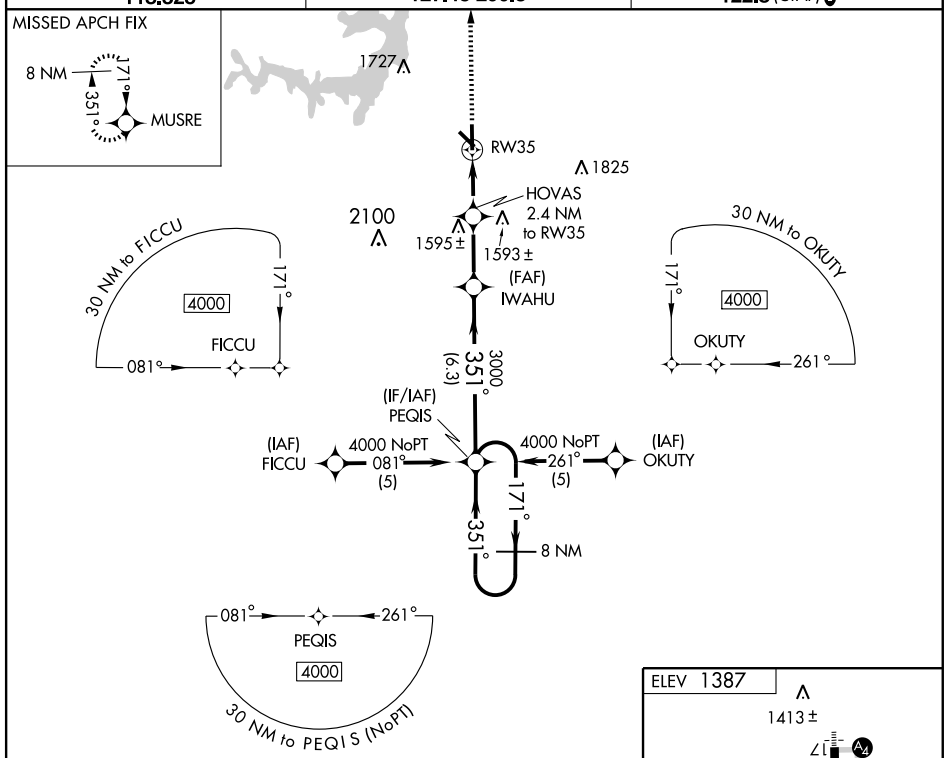
WAAS CH 77525 W35A	APP CRS 351°	Rwy Idg 5599 TDZE 1386 Apt Elev 1387

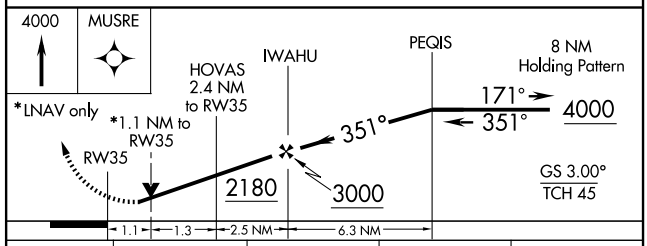
RNAV (GPS) RWY 35
BROWNWOOD RGNL (BWD)

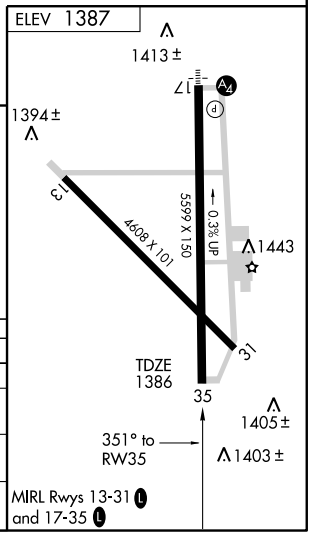
⚠ If local altimeter setting not received, use Comanche County-City altimeter setting and increase all DAs/MDAs 60 feet. VDP NA with Comanche County-City altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 4000 direct MUSRE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.325	127.45 290.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1636-1 250 (300-1)			
LNAV/VNAV DA	NA			
LNAV MDA	1780-1 394 (400-1)			1780-1¼ 394 (400-1¼)
CIRCLING	1840-1 453 (500-1)		1840-1½ 453 (500-1½)	1940-2 553 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME BWD	APP CRS	Rwy Idg	5599
108.6	351°	TDZE	1385
Chan 23		Apt Elev	1386

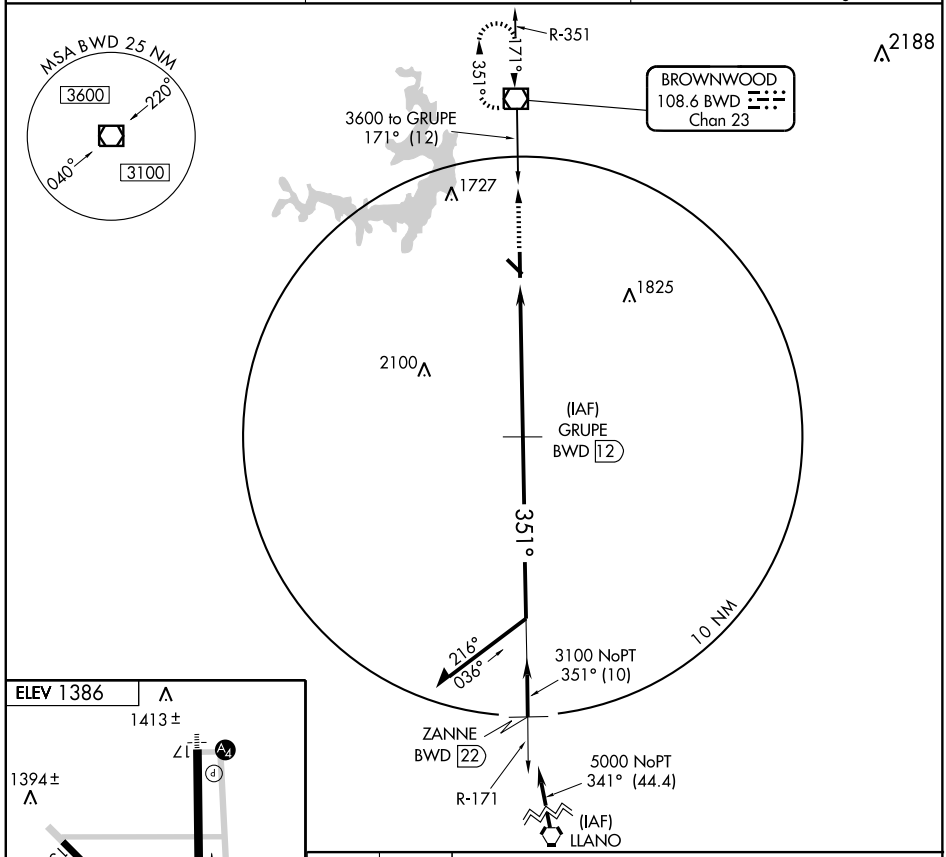
VOR/DME RWY 35

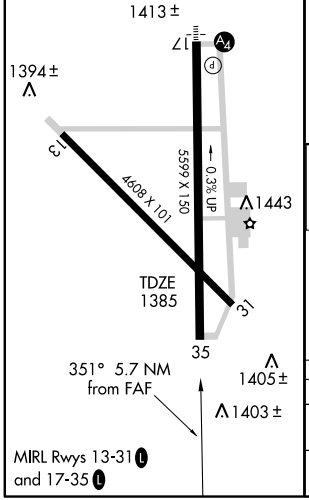
BROWNWOOD RGNL (BWD)

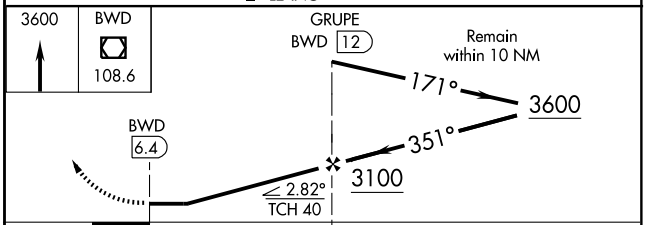
NA

MISSED APPROACH: Climb to 3600 direct BWD VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.325	127.45 290.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	1880-1	495 (500-1)	1880-1¼ 495 (500-1¼)	1880-1½ 495 (500-1½)
CIRCLING	1880-1	494 (500-1)	1880-1½ 494 (500-1½)	1940-2 554 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME BWD	APP CRS	Rwy Idg	5599
108.6	171°	TDZE	1386
Chan 23		Apt Elev	1386

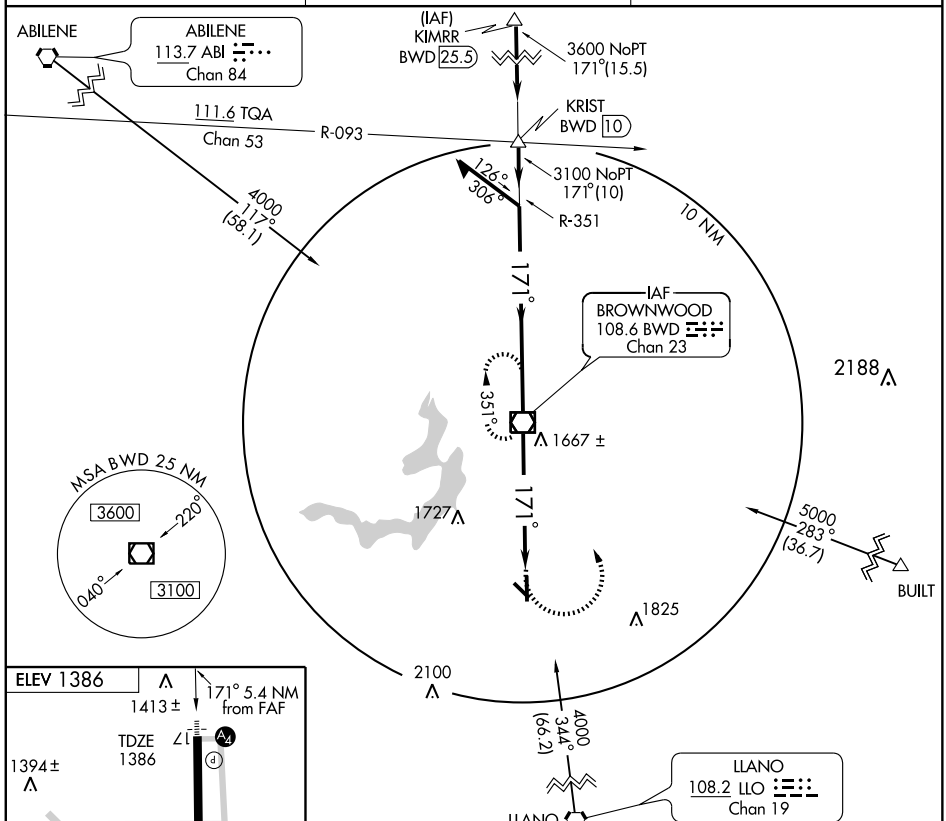
VOR RWY 17
BROWNWOOD RGNL (BWD)

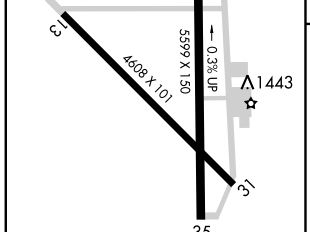
NA Inoperative table does not apply.

MALS (A4)

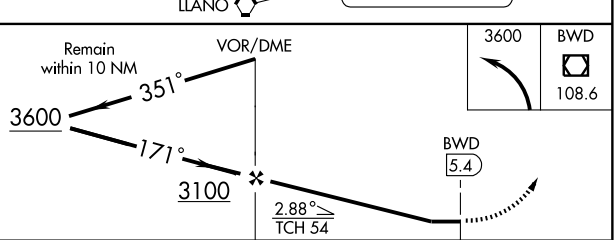
MISSED APPROACH: Cimbing left turn to 3600 direct BWD VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.325	127.45 290.3	122.8 (CTAF) L





FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48



CATEGORY	A	B	C	D
S-17	1820-1 434 (500-1)		1820-1¼ 434 (500-1¼)	1820-1½ 434 (500-1½)
CIRCLING	1820-1 434 (500-1)	1840-1 454 (500-1)	1840-1½ 454 (500-1½)	1940-2 554 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4000
CH 69403	148°	TDZE	361
W15A		Apt Elev	367

RNAV (GPS) RWY 15

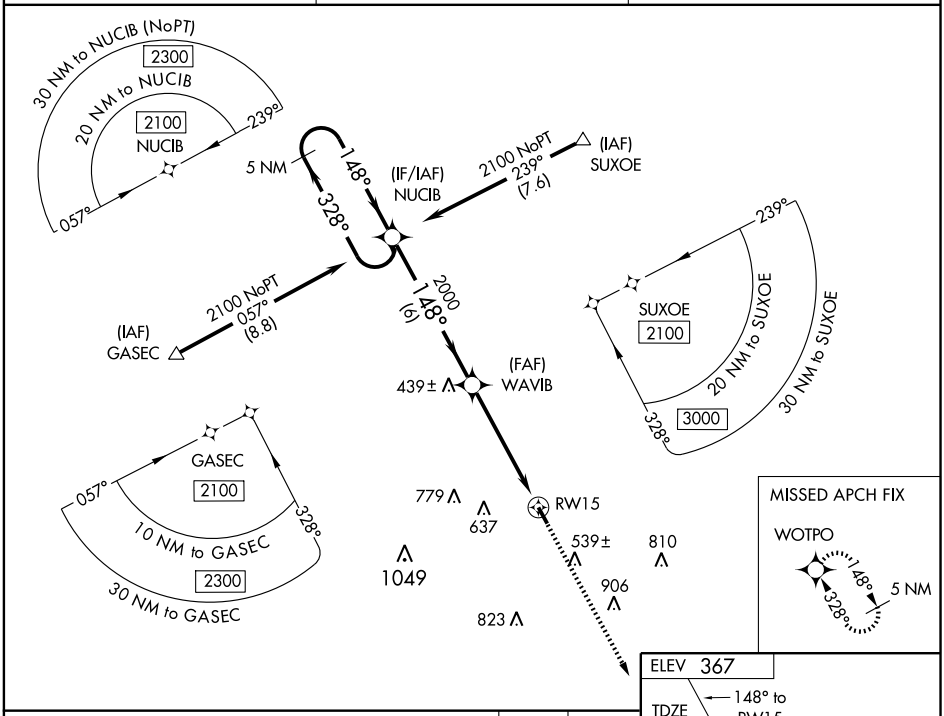
BRYAN/COULTER FIELD (CFD)

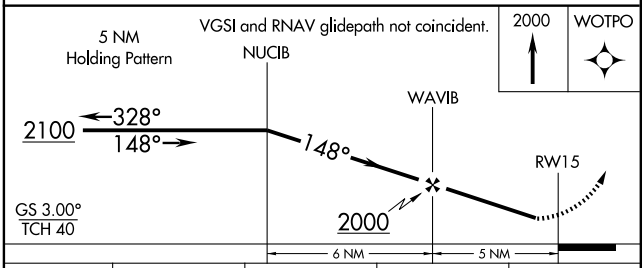
T NA W

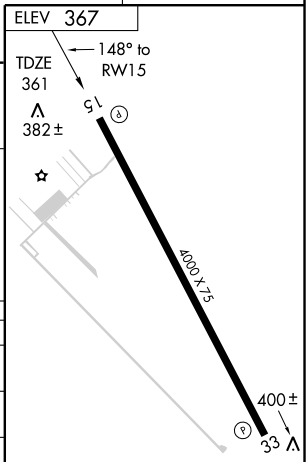
BARO-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use College Station altimeter setting; if not received, use Caldwell Muni altimeter setting and increase all DAs 31 feet and all MDAs 40 feet.

MISSED APPROACH: Climb to 2000 direct WOTPO and hold.

COLLEGE STATION ASOS	HOUSTON CENTER	UNICOM
126.85	120.4 371.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	636-1 275 (300-1)		NA	
LNAV/VNAV DA	707-1¼ 346 (400-1¼)		NA	
LNAV MDA	720-1 359 (400-1)		NA	
CIRCLING	740-1 373 (400-1)	820-1 453 (500-1)	NA	

REIL Rwy 15-33
MIRL Rwy 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4000
CH 70603	328°	TDZE	367
W33A		Apt Elev	367

RNAV (GPS) RWY 33

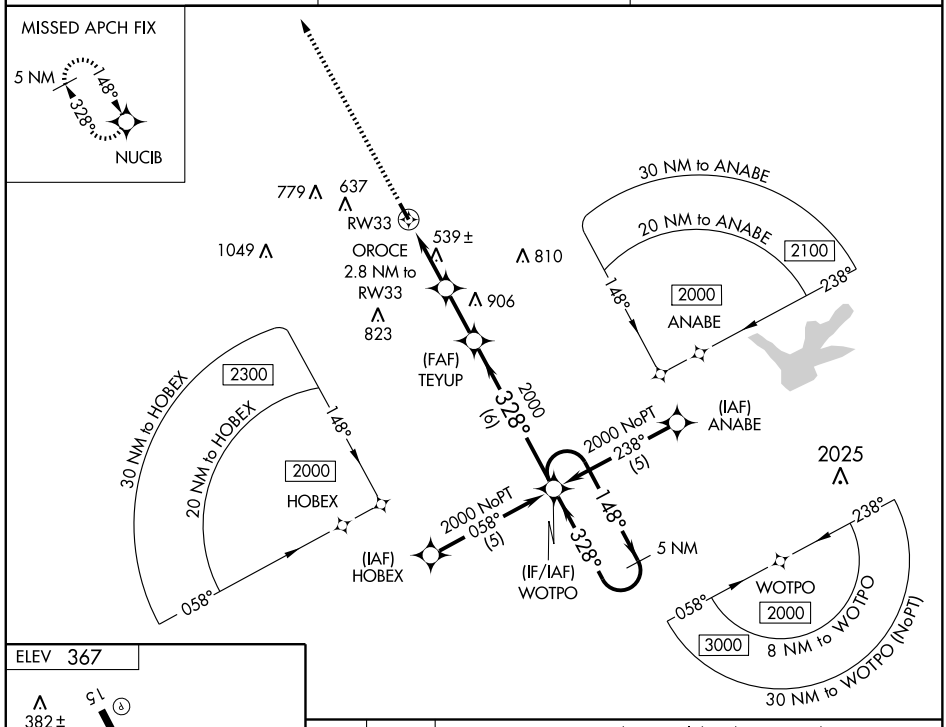
BRYAN/COULTER FIELD (CFD)

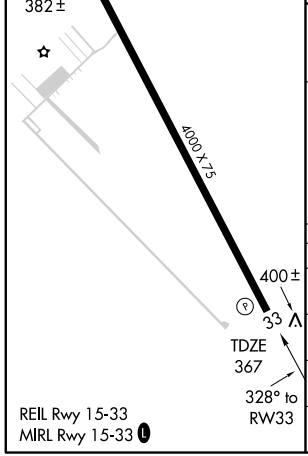
T
A NA
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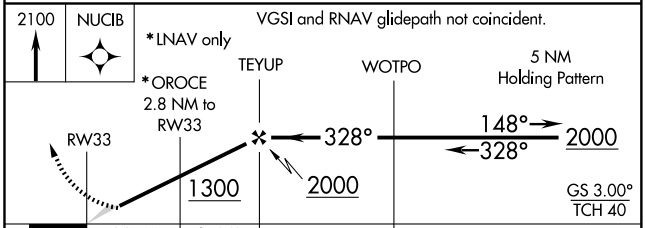
BARO-VNAV NA. DME/DME RNP-0.3 NA. Use College Station altimeter setting; if not received, use Caldwell Muni altimeter setting and increase all DAs 31 feet and all MDAs 40 feet.

MISSED APPROACH: Climb to 2100 direct NUCIB and hold.

COLLEGE STATION ASOS	HOUSTON CENTER	UNICOM
126.85	120.4 371.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	642-1	275 (300-1)	NA	
LNAV/VNAV DA	695-1¼	328 (400-1¼)	NA	
LNAV MDA	880-1	513 (600-1)	NA	
CIRCLING	880-1	513 (600-1)	NA	

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC CLL	APP CRS	Rwy Idg	N/A
113.3	207°	TDZE	N/A
Chan 80		Apt Elev	367

VOR/DME-A

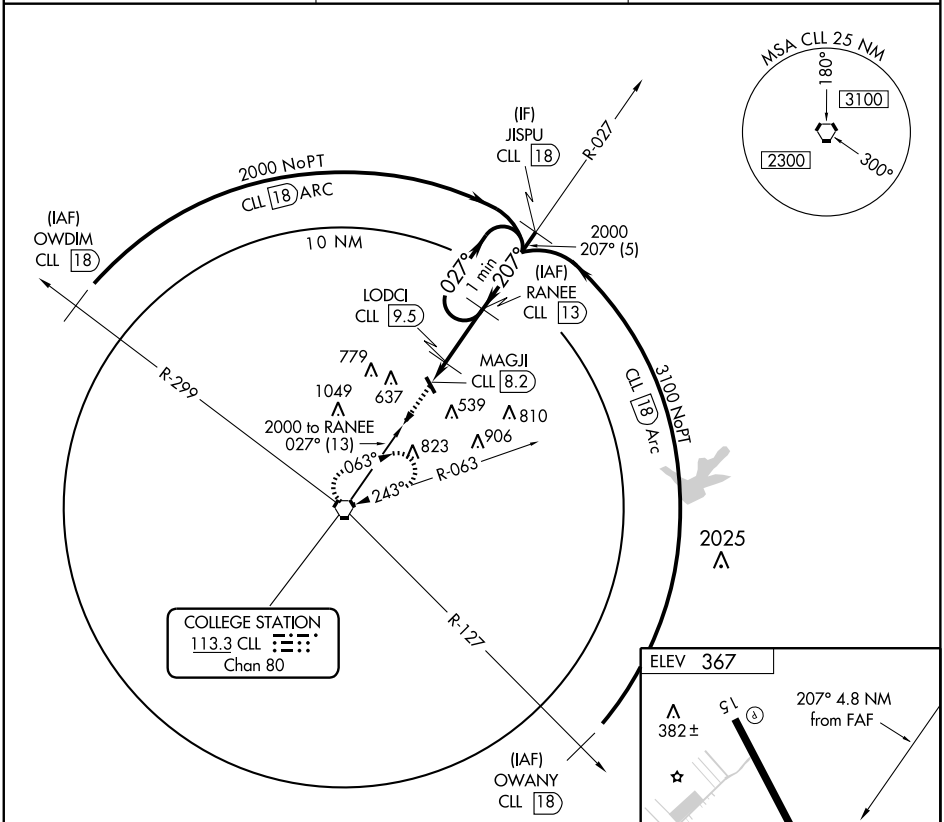
BRYAN/COULTER FIELD (CFD)

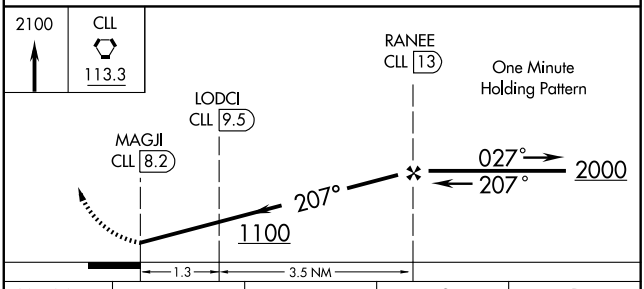
▼ NA

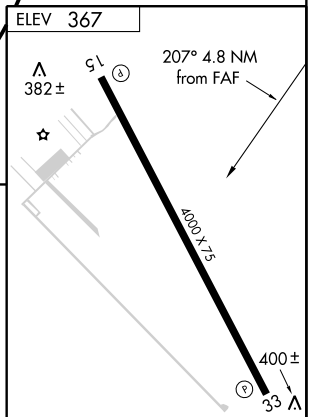
Use College Station altimeter setting; if not received, use Caldwell Muni altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 2100 direct CLL VORTAC and hold.

COLLEGE STATION ASOS	HOUSTON CENTER	UNICOM
126.85	120.4 371.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	800-1 433 (500-1)	820-1 453 (500-1)	NA	

REIL Rwy 15-33
MIRL Rwy 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB BMQ 341	APP CRS 015°	Rwy Idg 5000 TDZE 1270 Apt Elev 1284

NDB RWY 1

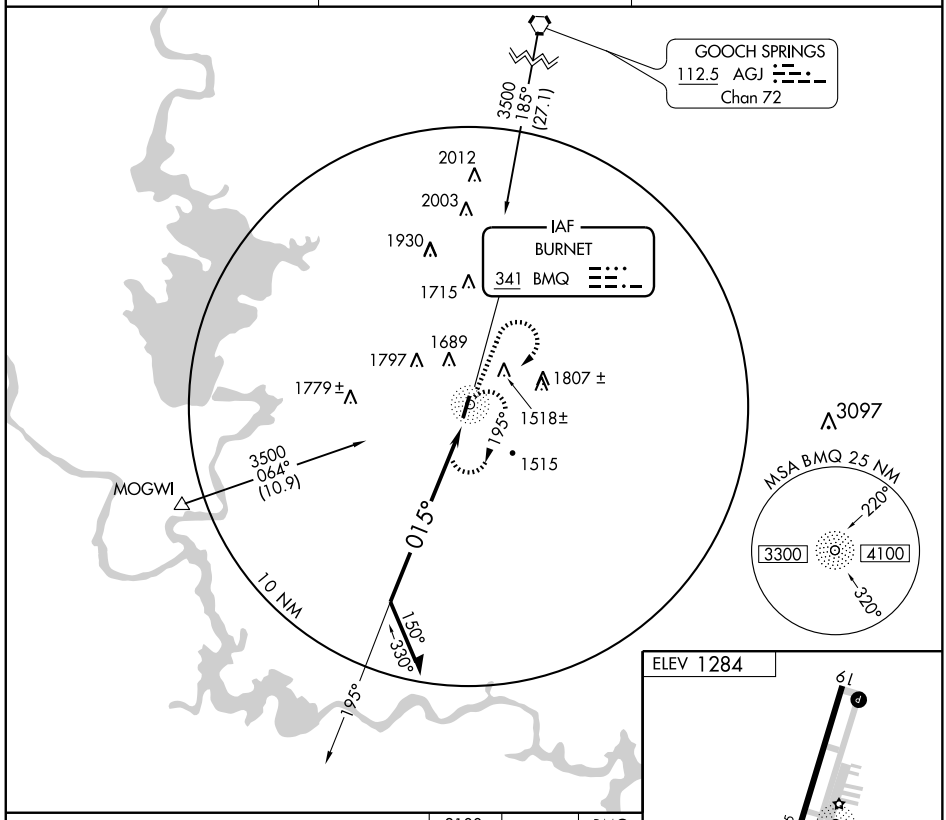
BURNET MUNI/KATE CRADDOCK FIELD (BMQ)

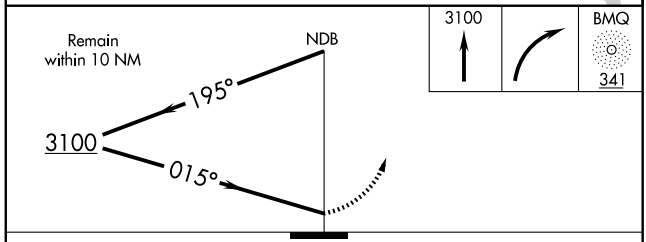
When local altimeter setting not received, use Lago Vista altimeter setting and increase all MDA 60 feet, increase S-1 Cats B and C visibility ¼ mile and Circling Cat C visibility ¼ mile.

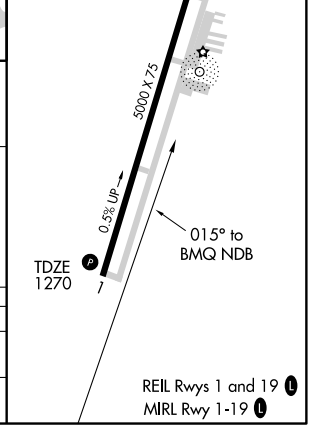
NA

MISSED APPROACH: Climb to 3100 then right turn direct BMQ NDB and hold.

ASOS	HOUSTON CENTER	UNICOM
119.925	132.35 317.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-1	1960-1 690 (700-1)		1960-2 690 (700-2)	NA
CIRCLING	2000-1 716 (800-1)	2040-1¼ 756 (800-1¼)	2040-2¼ 756 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
009°	TDZE	1270
	Apt Elev	1284

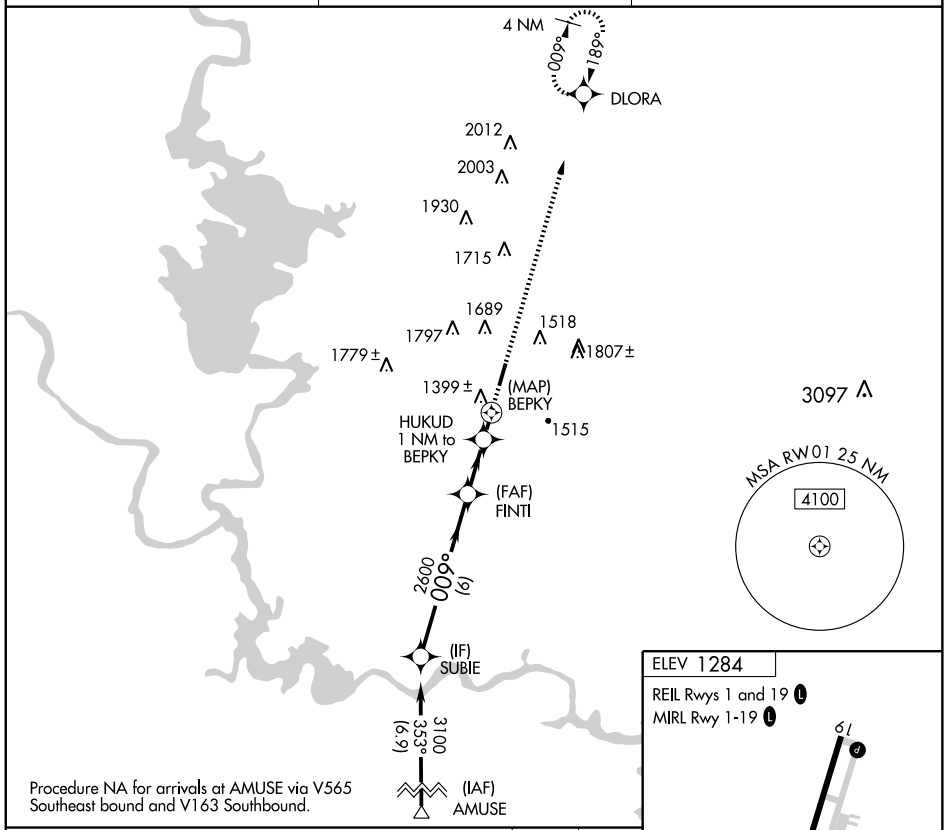
RNAV (GPS) RWY 1

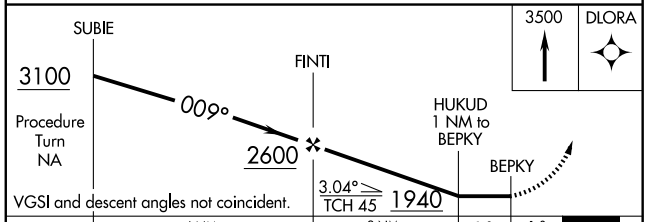
BURNET MUNI/KATE CRADDOCK FIELD (BMQ)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Lago Vista altimeter setting and increase all MDA 60 feet, increase Circling Cat C visibility ¼ mile.

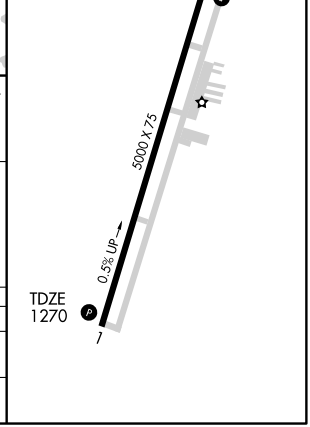
MISSED APPROACH: Climb to 3500 direct DLORA and hold.

ASOS	HOUSTON CENTER	UNICOM
119.925	132.35 317.5	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1660-1¼ 390 (400-1¼)			NA
CIRCLING	2000-1¼ 716 (800-1¼)	2040-1¼ 756 (800-1¼)	2040-2¼ 756 (800-2¼)	NA



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
189°	TDZE	1284
	Apt Elev	1284

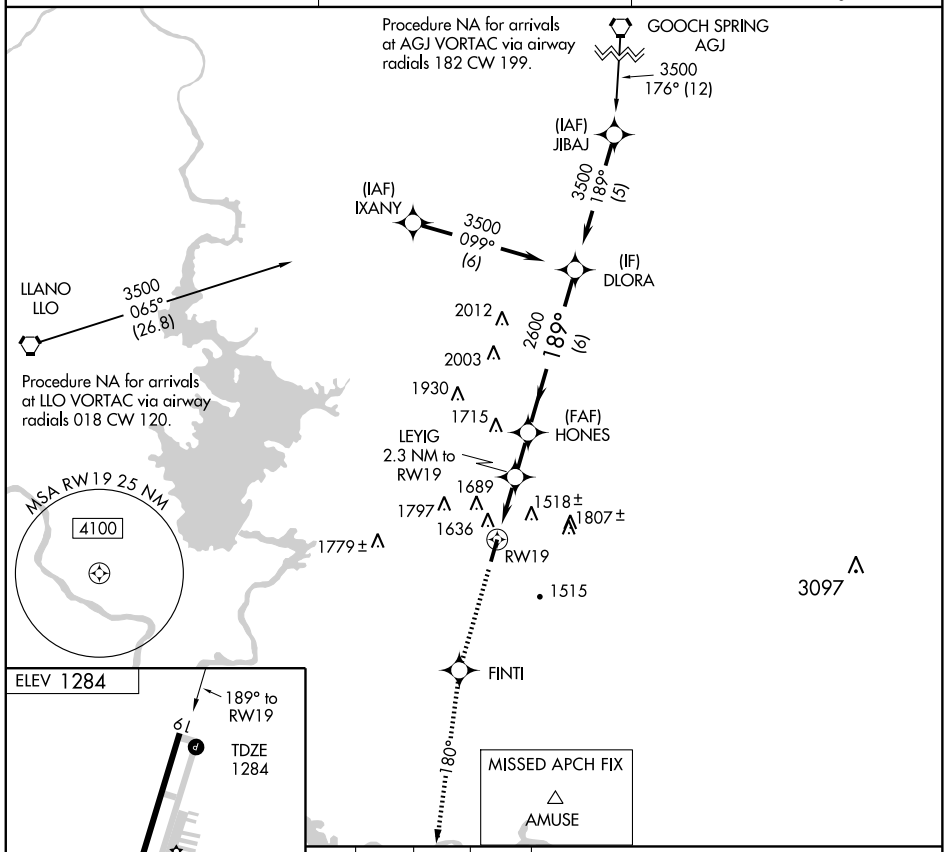
RNAV (GPS) RWY 19

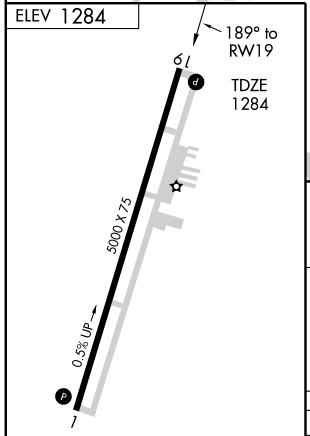
BURNET MUNI/KATE CRADDOCK FIELD (BMQ)

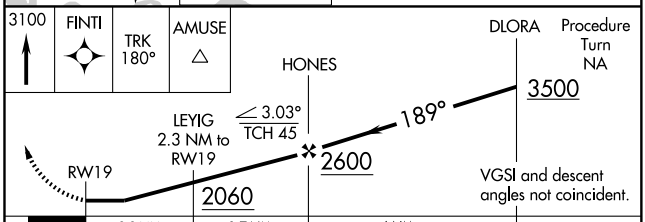
DME/DME RNP-0.3 NA Visibility reduction by helicopters NA.
When local altimeter setting not received, use Lago Vista altimeter setting and increase all MDA 60 feet, increase LNAV and Circling Cat C visibilities ¼ mile.

MISSED APPROACH: Climb to 3100 direct FINTI then via track 180° to AMUSE.

ASOS	HOUSTON CENTER	UNICOM
119.925	132.35 317.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1940-1 656 (700-1)		1940-1¾ 656 (700-1¾)	NA
CIRCLING	2000-1 716 (800-1)	2040-1¼ 756 (800-1¼)	2040-2¼ 756 (800-2¼)	NA

REIL Rwys 1 and 19 L
MIRL Rwy 1-19 L

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB MII	APP CRS	Rwy Idg	4000
316	346°	TDZE	541
		Apt Elev	542

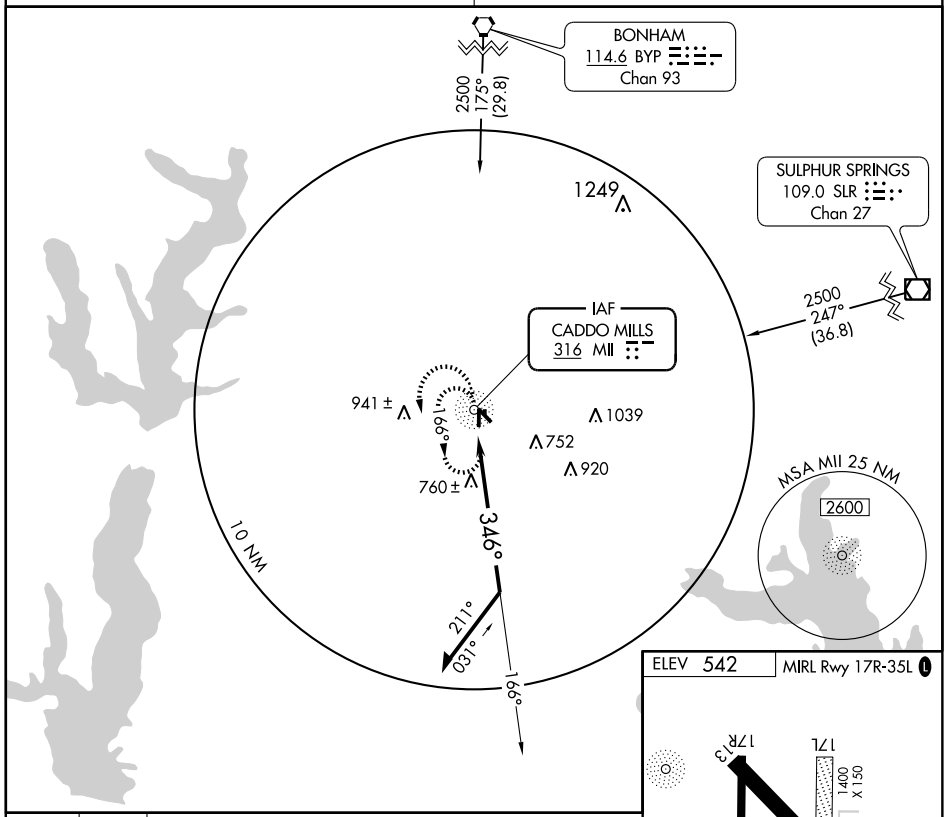
NDB RWY 35L
CADDO MILLS MUNI (7F3)

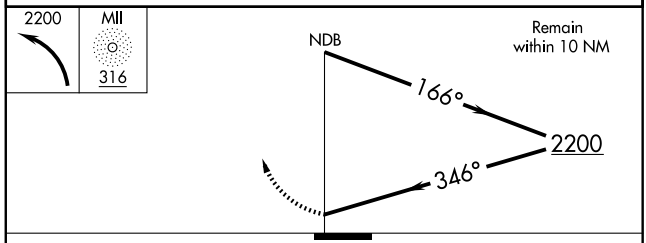
Use Dallas-Love Field altimeter setting, if not received use Dallas-Fort Worth Intl altimeter setting and increase all MDAs 20 feet. Circling NA to Rwy 17L/35R.

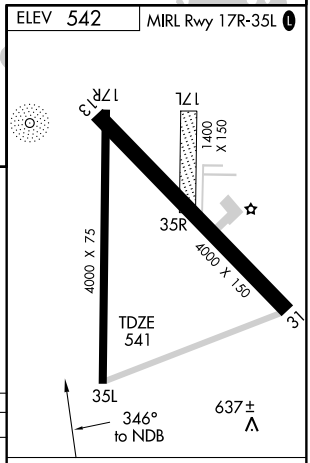
NA

MISSED APPROACH: Climbing left turn to 2200 in MII NDB holding pattern.

FORT WORTH CENTER	UNICOM
132.85 397.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35L	1260-1	719 (800-1)	1260-2 719 (800-2)	NA
CIRCLING	1260-1	718 (800-1)	1260-2 718 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
355°	TDZE	541
	Apt Elev	542

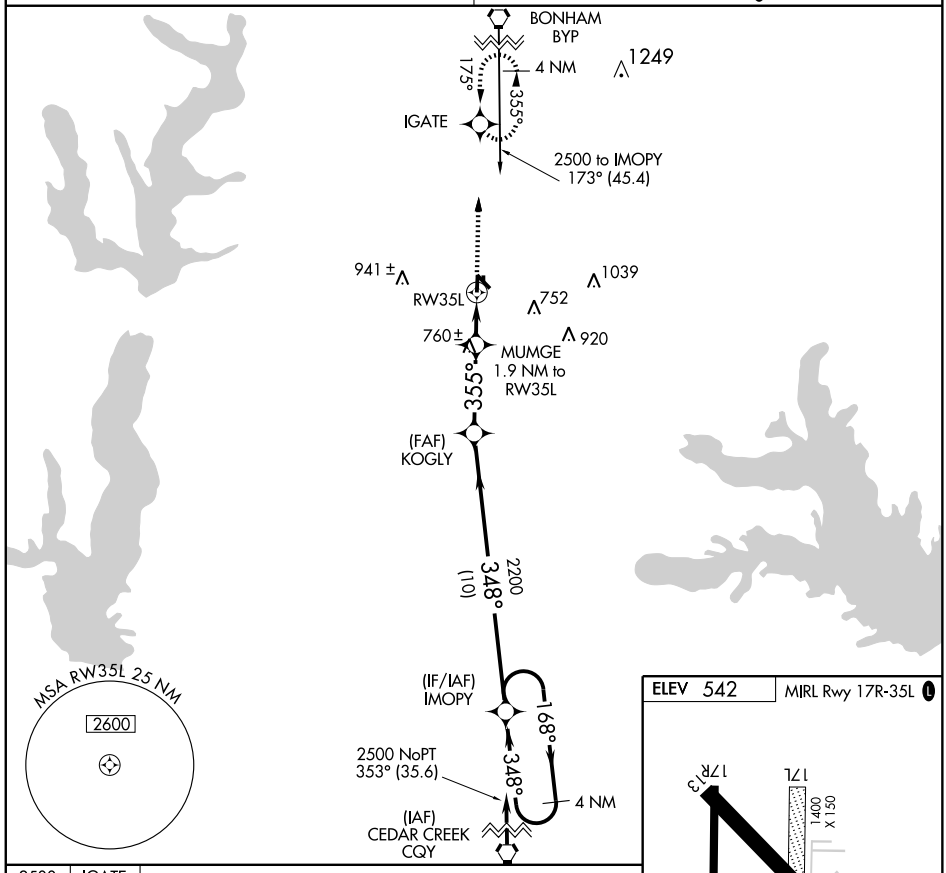
RNAV (GPS) RWY 35L
CADDO MILLS MUNI (7F3)

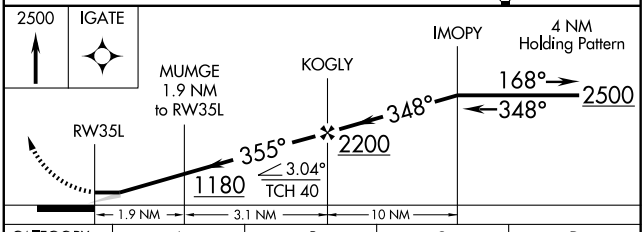
Use Dallas-Love Field altimeter setting, if not received use Dallas-Fort Worth Intl altimeter setting and increase all MDAs 20 feet. Circling NA to Rwy 17L-35R. DME/DME RNP-0.3 not authorized.

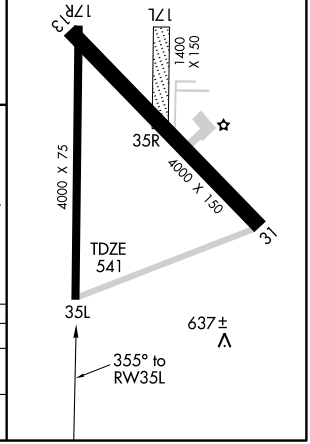
NA

MISSED APPROACH: Climb to 2500 direct IGATE WP and hold.

FORT WORTH CENTER	UNICOM
132.85 397.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	980-1	439 (500-1)	980-1¼ 439 (500-1¼)	NA
CIRCLING	1040-1	498 (500-1)	1040-1½ 498 (500-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC CLL 113.3 Chan 80	APP CRS 243°	Rwy Idg N/A TDZE N/A Apt Elev 390

VOR/DME or GPS-A

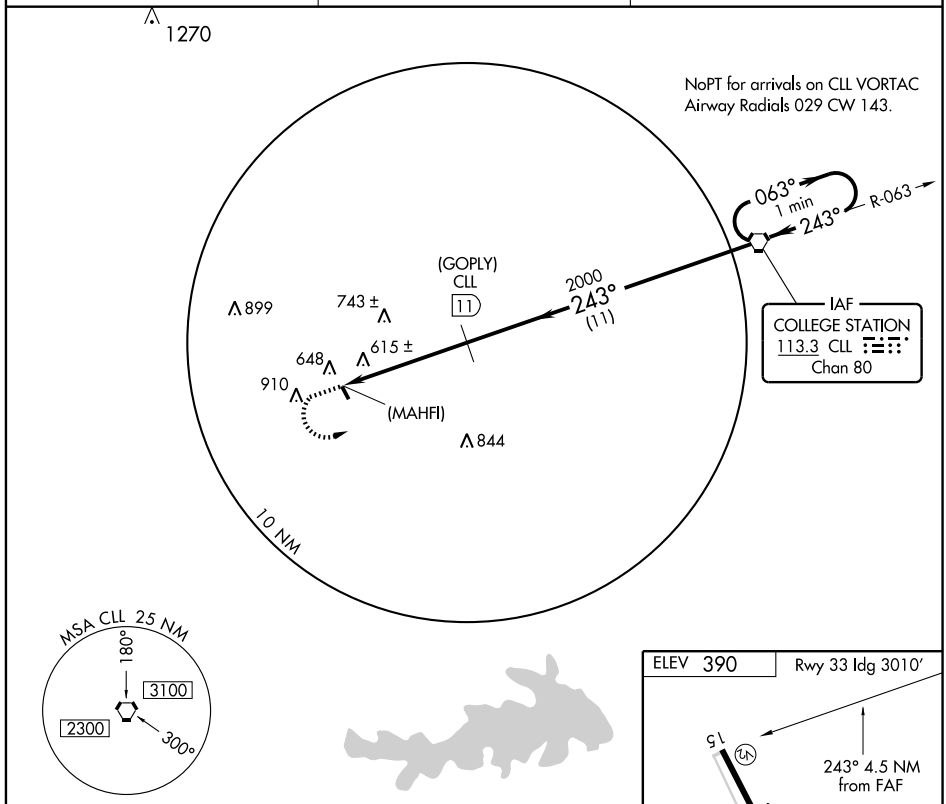
CALDWELL MUNI (RWV)

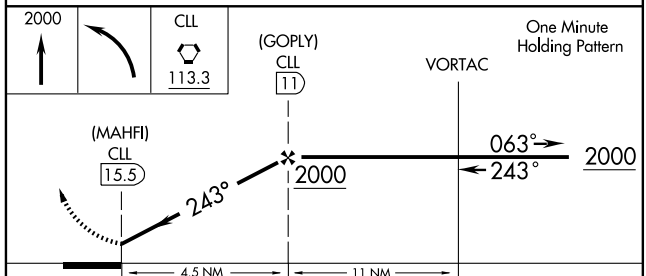
NA

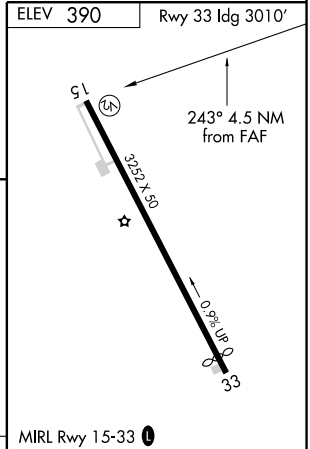
Use College Station altimeter setting.
Circling not authorized east of Rwy 15-33.

MISSED APPROACH: Climb to 2000 then left turn direct CLL VORTAC.

AWOS-3	HOUSTON CENTER	CTAF
118.35	120.4 371.9	122.9 L







CATEGORY	A	B	C	D
CIRCLING	1060-1 670 (700-1)	1240-1¼ 850 (900-1¼)	1300-2 ¾ 910 (1000-2¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
036°	TDZE	2387
	Apt Elev	2396

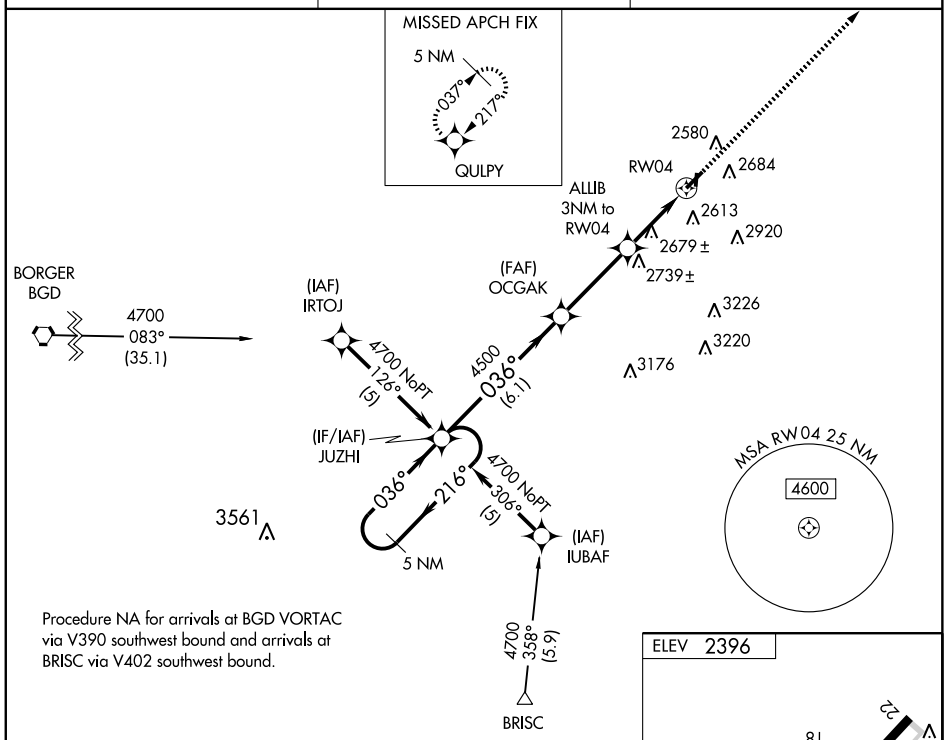
RNAV (GPS) RWY 4

CANADIAN/ HEMPHILL COUNTY (HHF)

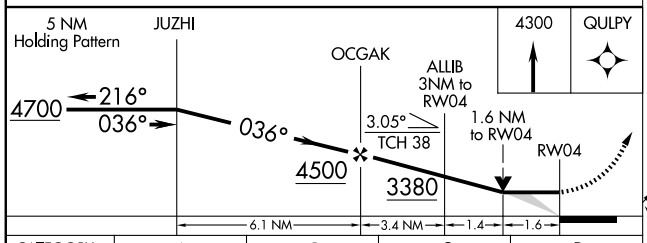
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Gage altimeter setting and increase all MDA 120 feet, increase LNAV Cat C and D visibility ½ mile, increase circling Cat B visibility ¼ mile, Cat C and D visibility ½ mile. VDP NA when using Gage altimeter setting.

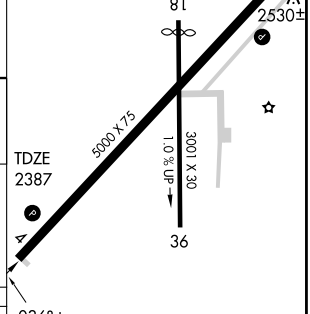
MISSED APPROACH: Climb to 4300 direct QULPY and hold.

AWOS-3	FORT WORTH RADIO	CTAF
119.025	122.1R 255.4	122.9 L



Procedure NA for arrivals at BGD VORTAC via V390 southwest bound and arrivals at BRISC via V402 southwest bound.





CATEGORY	A	B	C	D
LNAV MDA	2940-1	553 (600-1)	2940-1½ 553 (600-1½)	2940-1¾ 553 (600-1¾)
CIRCLING	3040-1	644 (700-1)	3040-2 644 (700-2)	3160-2½ 764 (800-2½)

REIL Rwys 4 and 22 L
MIRL Rwy 4-22 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
216°	TDZE	2382
	Apt Elev	2396

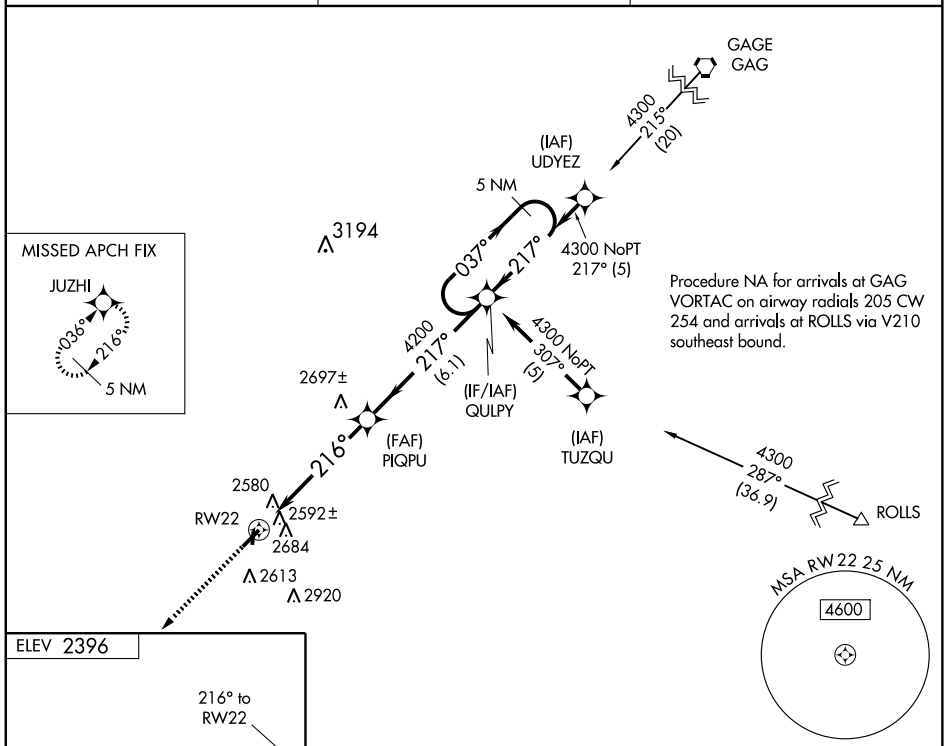
RNAV (GPS) RWY 22

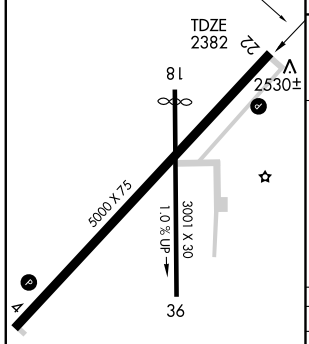
CANADIAN/ HEMPHILL COUNTY (HHF)

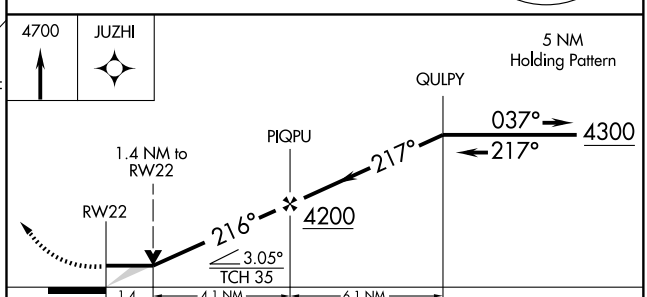
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Gage altimeter setting and increase all MDA 120 feet. Increase LNAV Cat C and D visibility ¼ mile, increase circling Cat B visibility ¼ mile, Cat C and D visibility ½ mile. VDP NA when using Gage altimeter setting.

MISSED APPROACH: Climb to 4700 direct JUZHI and hold.

AWOS-3	FORT WORTH RADIO	CTAF
119.025	122.1R 255.4	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	2860-1	478 (500-1)	2860-1¼ 478 (500-1¼)	2860-1½ 478 (500-1½)
CIRCLING	3040-1	644 (700-1)	3040-2 644 (700-2)	3160-2½ 764 (800-2½)

REIL Rwys 4 and 22 L
MIRL Rwy 4-22 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS		
307°	Rwy Idg	4997
	TDZE	590
	Apt Elev	599

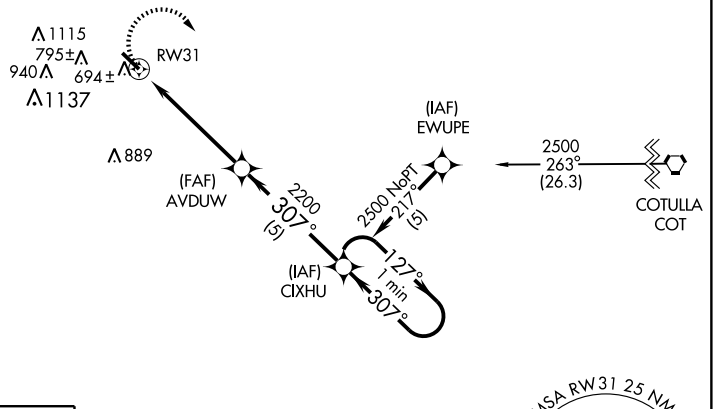
GPS RWY 31

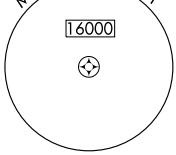
CARRIZO SPRINGS/ DIMMIT COUNTY (CZT)

Use Cotulla altimeter setting; when not received, procedure NA.
NA

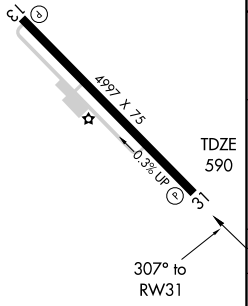
MISSED APPROACH: Climbing right turn to 2500 direct CIXHU and hold.

HOUSTON CENTER	UNICOM
126.1 327.0	**122.8** (CTAF)

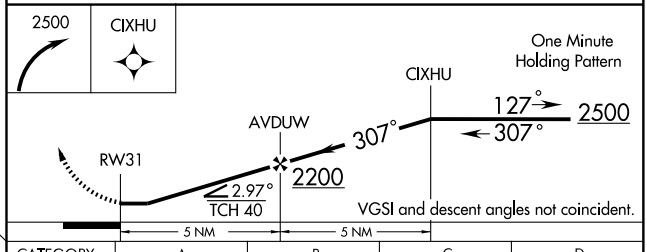




ELEV 599



MIRL Rwy 13-31



CATEGORY	A	B	C	D
S-31	1040-1 450 (500-1)		1040-1¼ 450 (500-1¼)	NA
CIRCLING	1120-1 521 (600-1)	1200-1 601 (700-1)	1240-1¾ 641 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB DMD	APP CRS		
343	300°	Rwy Idg	4997
		TDZE	590
		Apt Elev	599

NDB RWY 31

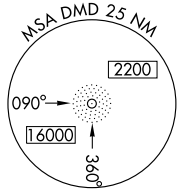
CARRIZO SPRINGS/ DIMMIT COUNTY (CZT)

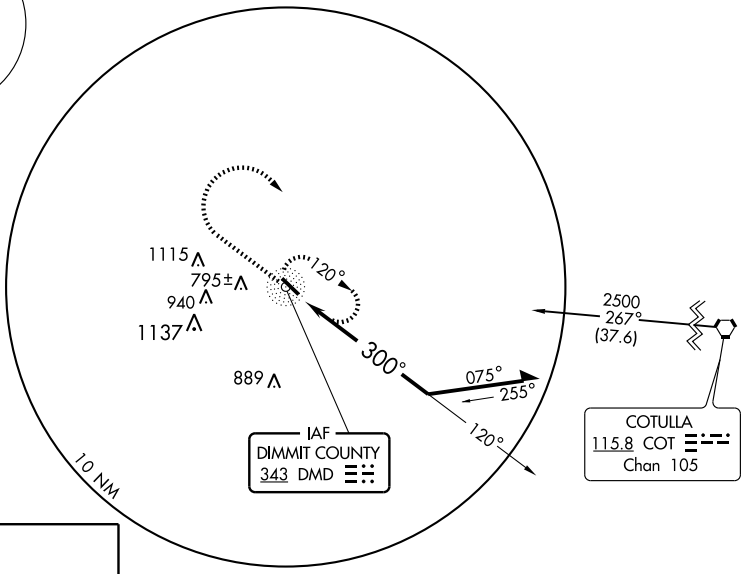
Use Cotulla altimeter setting; when not received, procedure NA.

NA

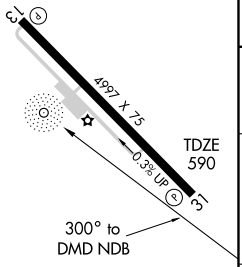
MISSED APPROACH: Climb to 2500 then right turn direct DMD NDB and hold.

HOUSTON CENTER	UNICOM
126.1 327.0	122.8 (CTAF)



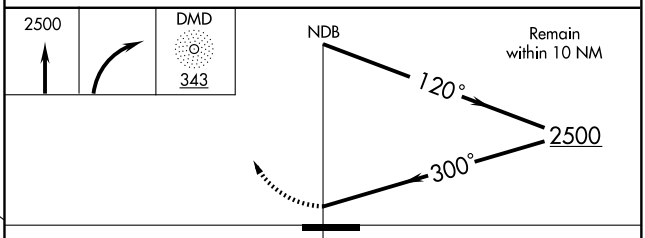


ELEV 599



MIRL Rwy 13-31

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-31	1260-1	670 (700-1)	1260-1½ 670 (700-1½)	NA
CIRCLING	1260-1 661 (700-1)	1260-1 661 (700-1)	1260-1¾ 661 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB RPF	APP CRS	Rwy Idg	4000
332	359°	TDZE	248
		Apt Elev	248

NDB RWY 35

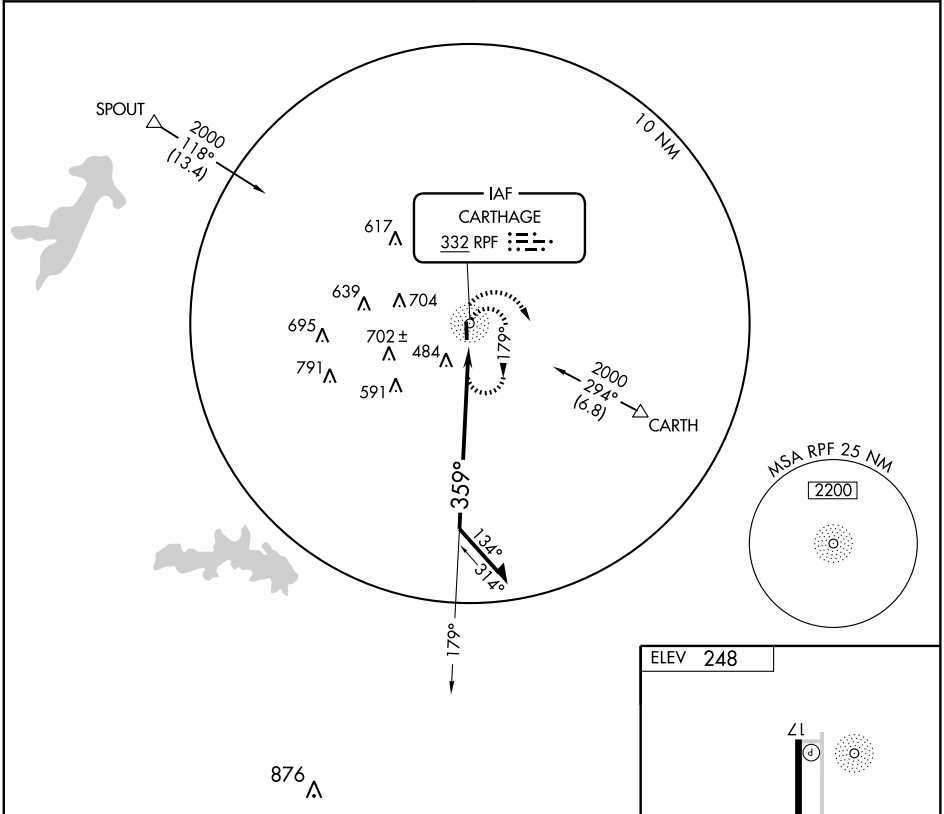
CARTHAGE/ PANOLA COUNTY-SHARPE FIELD (4F2)

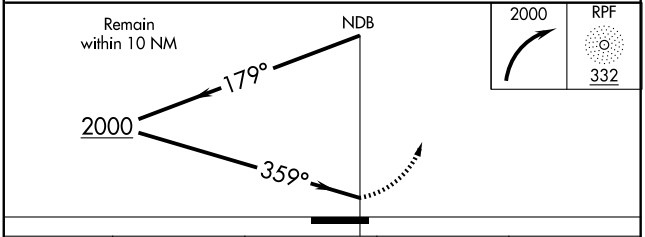
⚠ NA — Use Shreveport Regional altimeter setting; when not received use East Texas Rgnl altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 in RPF NDB holding pattern.

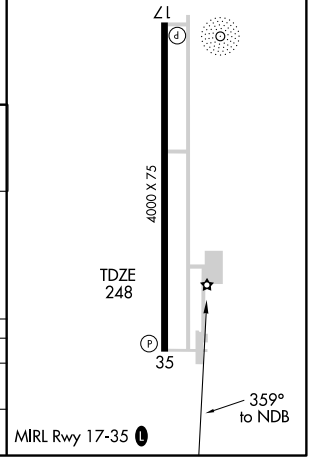
SHREVEPORT APP CON ★ 119.9 335.55

UNICOM 122.8 (CTAF) L





CATEGORY	A	B	C	D
S-35	1000-1 752 (800-1)	1000-1¼ 752 (800-1¼)	1000-2¼ 752 (800-2¼)	NA
CIRCLING	1000-1 752 (800-1)	1000-1¼ 752 (800-1¼)	1000-2¼ 752 (800-2¼)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
174°	TDZE	247
	Apt Elev	248

RNAV (GPS) RWY 17

CARTHAGE/ PANOLA COUNTY-SHARPE FIELD (4F2)

⚠ NA

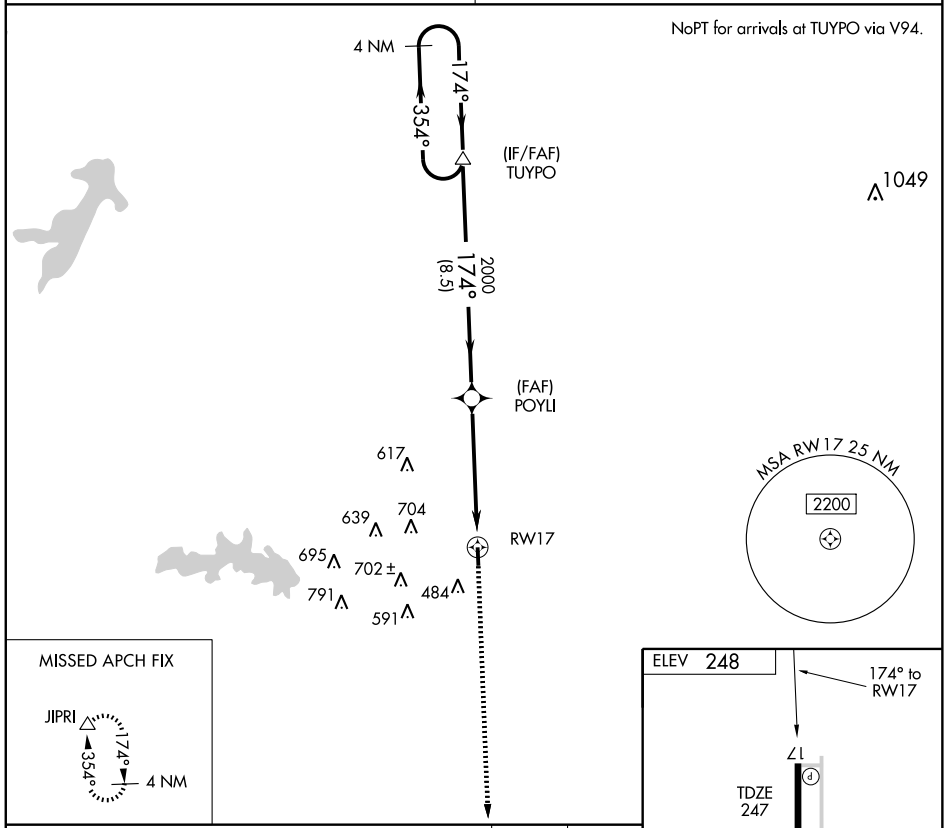
DME/DME RNP-0.3 NA. Use Shreveport Rgnl altimeter setting; when not received use East Texas Rgnl altimeter setting.

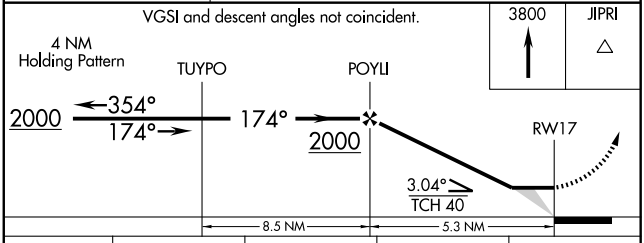
MISSED APPROACH: Climb to 3800 direct JIPRI and hold, continue climb-in-hold to 3800.

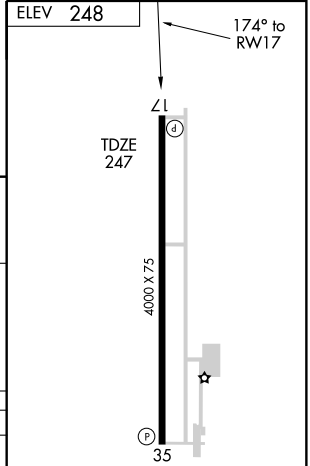
SHREVEPORT APP CON ★
119.9 335.55

UNICOM
122.8 (CTAF) L

NoPT for arrivals at TUYPO via V94.







CATEGORY	A	B	C	D
LNAV MDA	760-1	513 (600-1)	760-1½ 513 (600-1½)	NA
CIRCLING	920-1	672 (700-1)	920-2 672 (700-2)	NA

MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

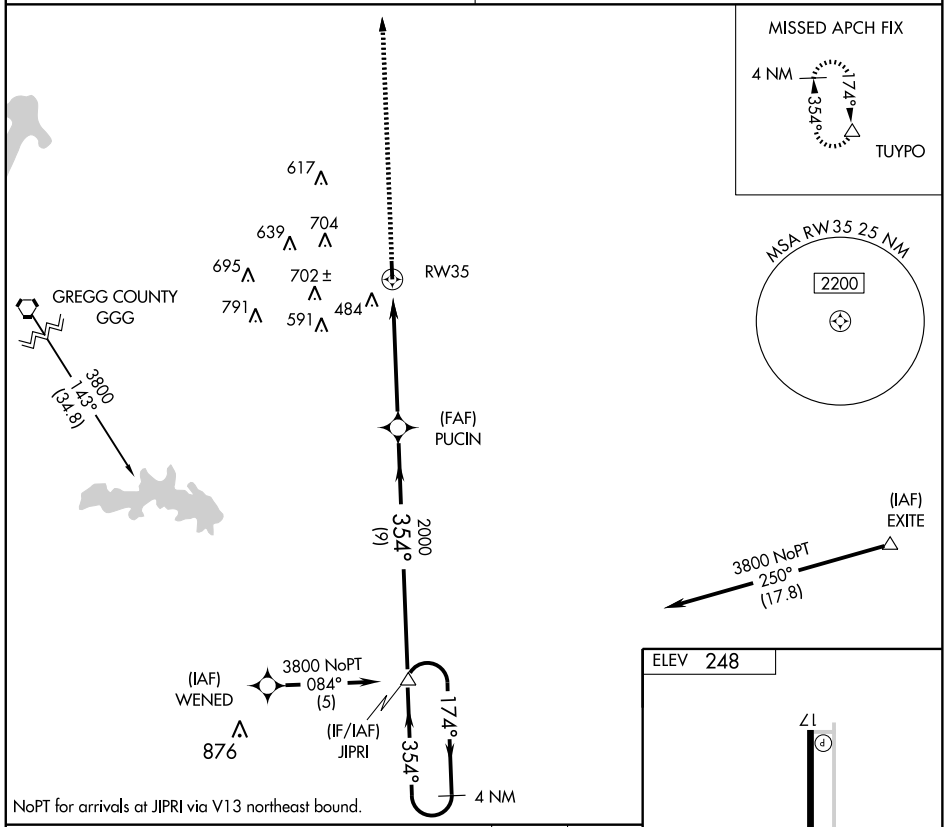
APP CRS	Rwy Idg	4000
354°	TDZE	248
	Apt Elev	248

RNAV (GPS) RWY 35

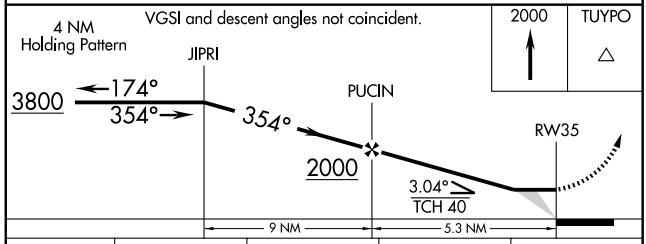
CARTHAGE/ PANOLA COUNTY-SHARPE FIELD (4F2)

NA	DME/DME RNP-0.3 NA. Use Shreveport Rgnl altimeter setting; when not received use East Texas Rgnl altimeter setting.	MISSED APPROACH: Climb to 2000 direct TUYPO and hold.

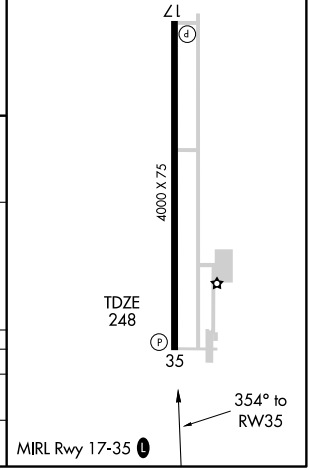
SHREVEPORT APP CON ★	UNICOM
119.9 335.55	122.8 (CTAF) L



VGSI and descent angles not coincident.



CATEGORY	A	B	C	D
LNAV MDA	840-1	592 (600-1)	840-1½ 592 (600-1½)	NA
CIRCLING	920-1	672 (700-1)	920-2 672 (700-2)	NA

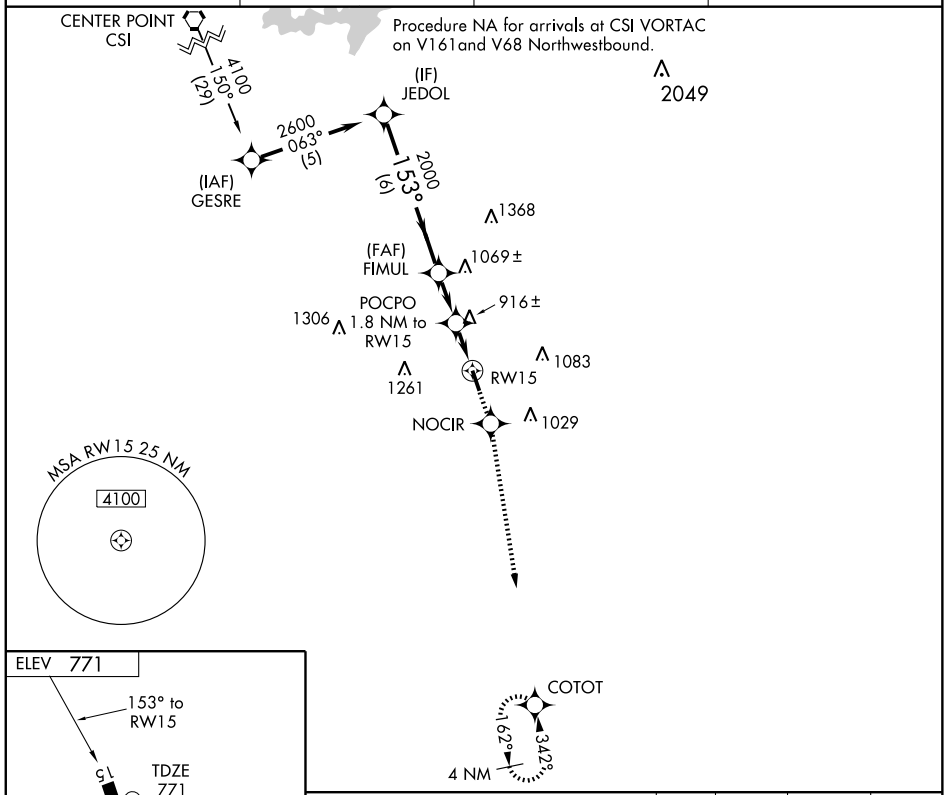


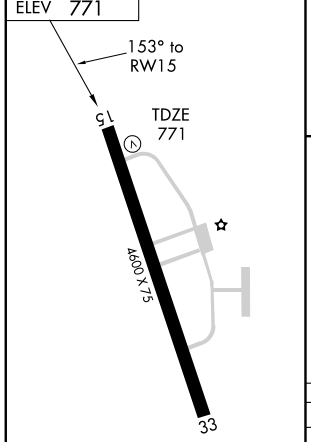
SC-2, 17 DEC 2009 to 14 JAN 2010

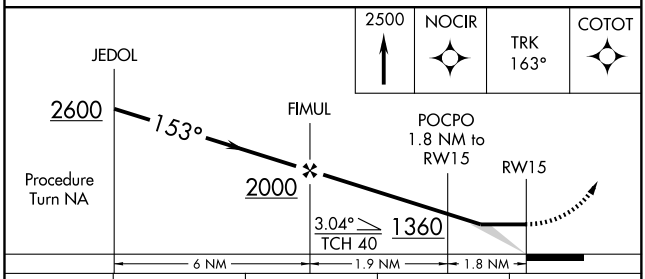
APP CRS		
153°	Rwy Idg	4600
	TDZE	771
	Apt Elev	771

RNAV (GPS) RWY 15
CASTROVILLE MUNI (CVB)

⚠ NA — DME/DME RNP-0.3 NA. When local altimeter setting not received, use San Antonio Intl altimeter setting.		MISSED APPROACH: Climb to 2500 direct NOCIR and via 163° track to COTOT and hold.	
AWOS-3 **119.25**	HONDO MUNI ASOS **119.675**	SAN ANTONIO APP CON **118.05 353.5**	UNICOM **122.8** (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1240-1 469 (500-1)		1240-1¼ 469 (500-1¼)	NA
CIRCLING	1260-1 489 (500-1)	1380-1 609 (700-1)	1440-1¾ 669 (700-1¾)	NA

MIRL Rwy 15-33 L

SC-3, 17 DEC 2009 to 14 JAN 2010

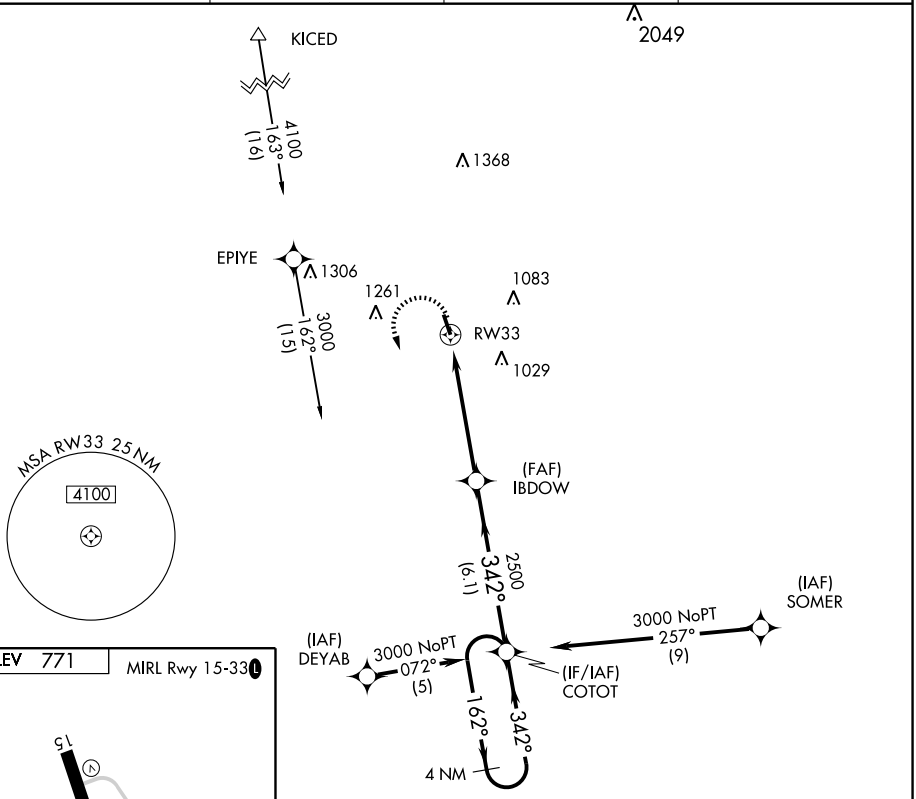
APP CRS	Rwy Idg	4600
342°	TDZE	768
	Apt Elev	771

RNAV (GPS) RWY 33
CASTROVILLE MUNI (CVB)

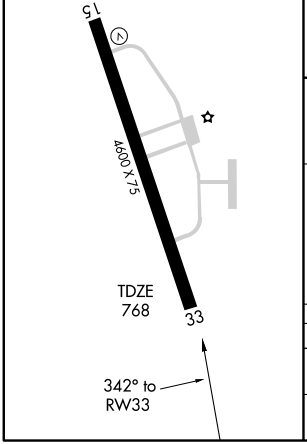
NA — DME/DME RNP-0.3 NA. When local altimeter setting not received, use San Antonio Intl altimeter setting. Circling to Rwy 15 NA at night.

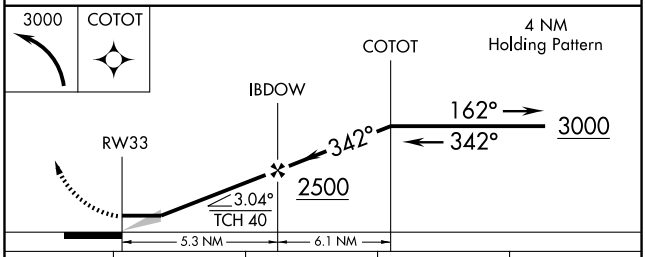
MISSED APPROACH: Climbing left turn to 3000 direct COTOT and hold.

AWOS-3	HONDO MUNI ASOS	SAN ANTONIO APP CON	UNICOM
119.25	119.675	118.05 353.5	122.8 (CTAF) L



ELEV 771 — MIRL Rwy 15-33 L





CATEGORY	A	B	C	D
LNAV MDA	1260-1 492 (500-1)		1260-1¼ 492 (500-1¼)	NA
CIRCLING	1340-1 569 (600-1)		1440-1¾ 669 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

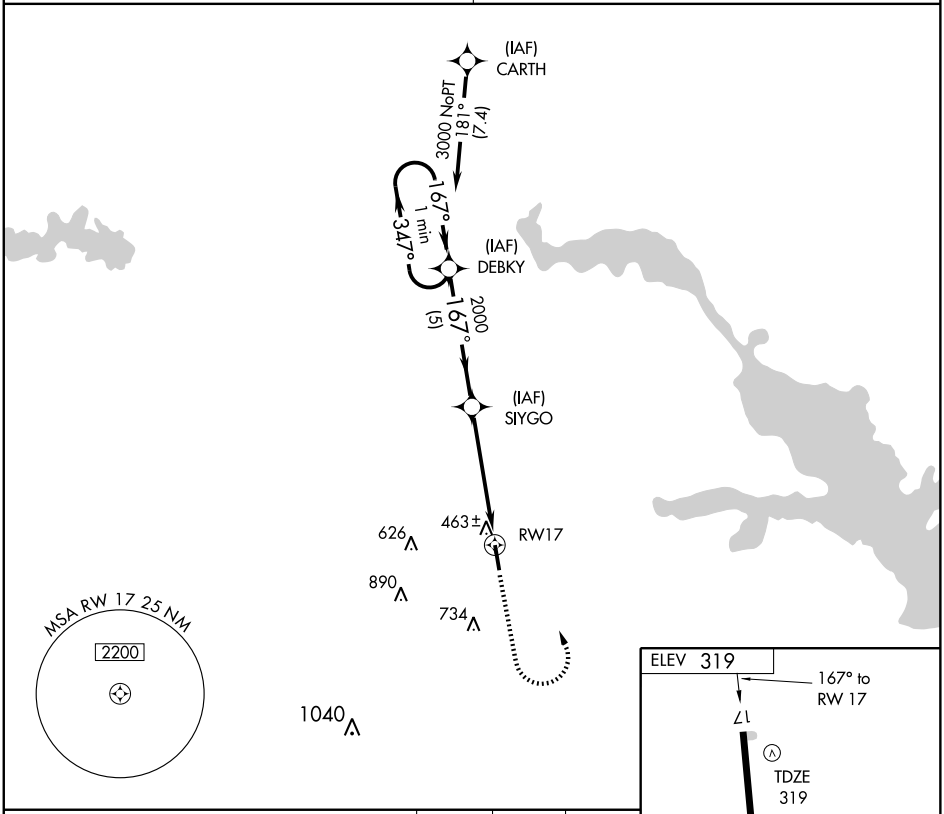
APP CRS	Rwy Idg	5501
167°	TDZE	319
	Apt Elev	319

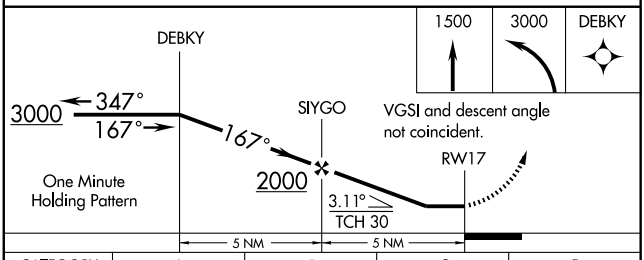
GPS RWY 17
CENTER MUNI (F17)

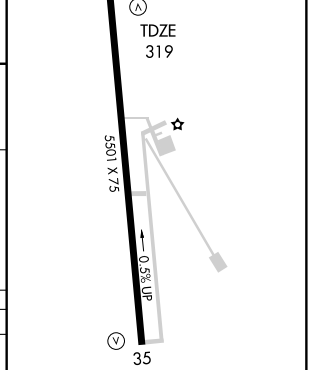
NA Use Nacogdoches, TX (A.L. Mangham Jr. Regional) altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct DEBKY WP and hold.

FORTH WORTH CENTER	UNICOM
126.325 346.25	**122.8** (CTAF)







CATEGORY	A	B	C	D
S-17	800-1	481 (500-1)	800-1¼ 481 (500-1¼)	NA
CIRCLING	860-1	541 (600-1)	920-1¾ 601 (700-1¾)	NA

MIRL Rwy 17-35

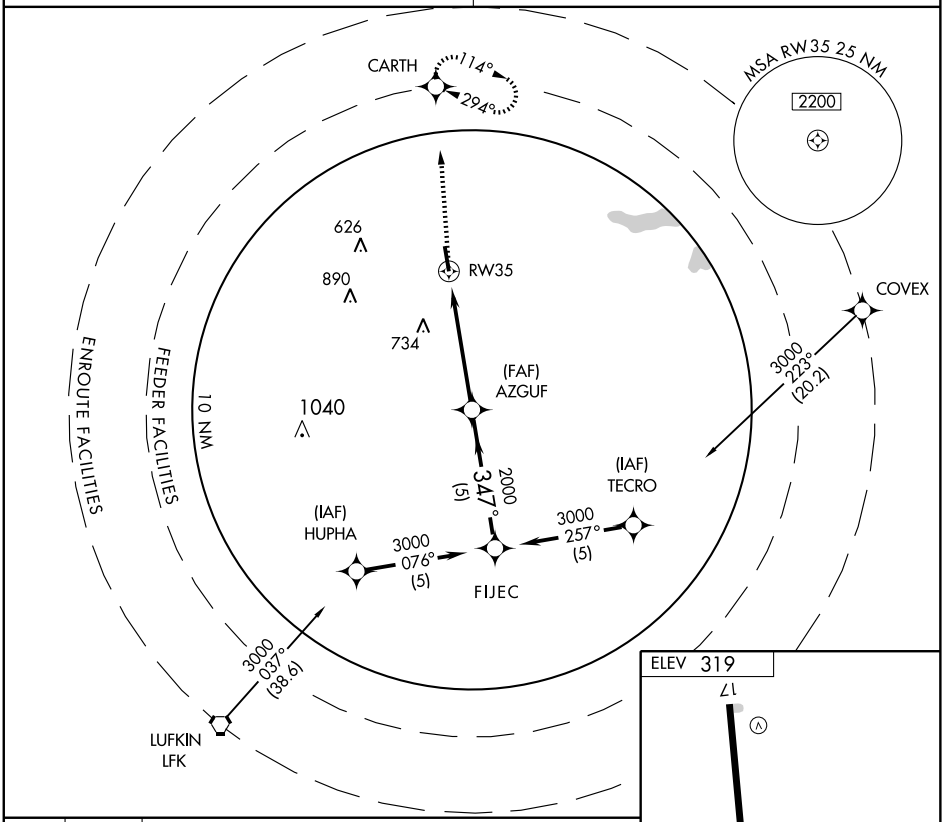
SC-5, 17 DEC 2009 to 14 JAN 2010

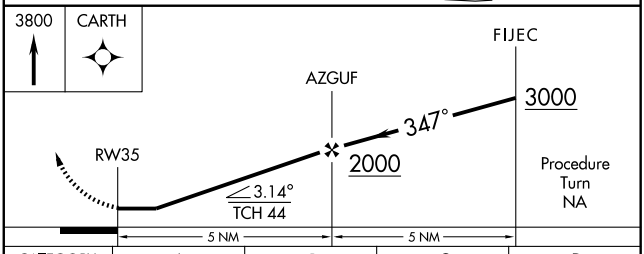
APP CRS	Rwy Idg	5501
347°	TDZE	308
	Apt Elev	319

GPS RWY 35
CENTER MUNI (F17)

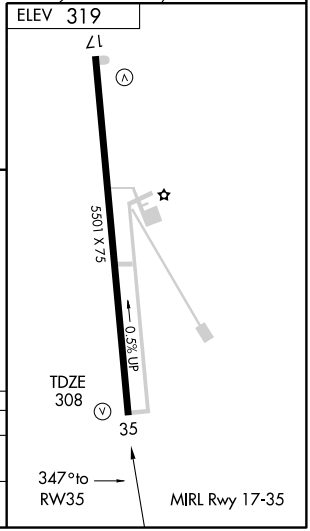
NA	Use Nacogdoches, TX (A.L. Mangham Jr. Regional) altimeter setting.	MISSED APPROACH: Climb to 3800 direct CARTH WP and hold.

FORTH WORTH CENTER	UNICOM
126.325 346.25	**122.8** (CTAF)





CATEGORY	A	B	C	D
S-35	900-1	592 (600-1)	900-1½ 592 (600-1½)	NA
CIRCLING	900-1	581 (600-1)	920-1¾ 601 (700-1¾)	NA



SC-5, 17 DEC 2009 to 14 JAN 2010

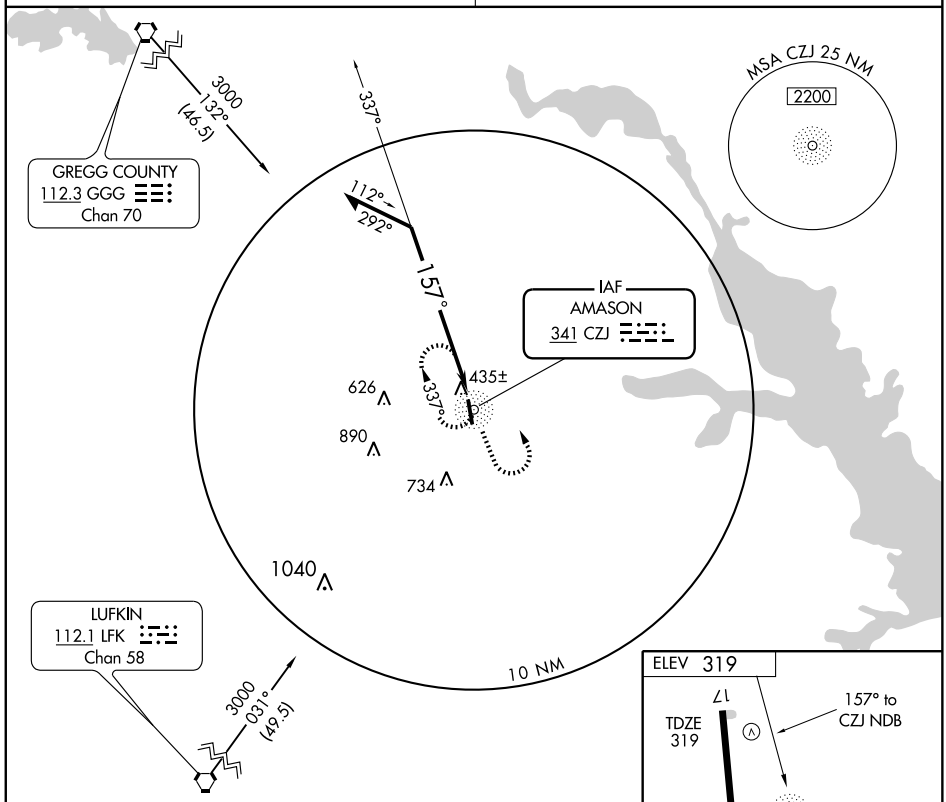
NDB CZJ	APP CRS	Rwy Idg	5501
341	157°	TDZE	319
		Apt Elev	319

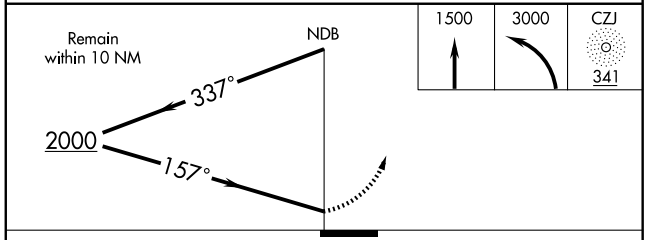
NDB RWY 17
CENTER MUNI (F17)

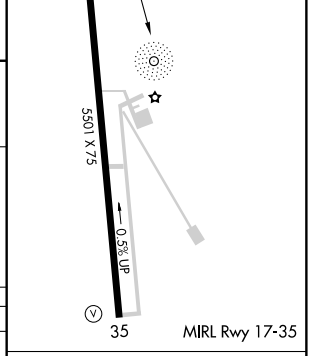
NA Use Nacogdoches, TX (A.L. Mangham Jr. Regional) altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct CZJ NDB and hold.

FORTH WORTH CENTER	UNICOM
126.325 346.25	**122.8** (CTAF)







CATEGORY	A	B	C	D
S-17	920-1	601 (700-1)	920-1¾ 601 (700-1¾)	NA
CIRCLING	920-1	601 (700-1)	920-1¾ 601 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

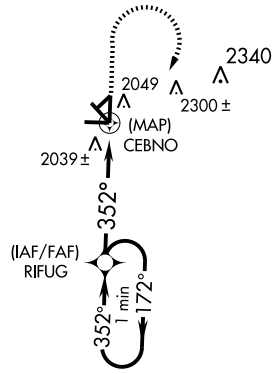
APP CRS	Rwy Idg	5949
352°	TDZE	1954
	Apt Elev	1954

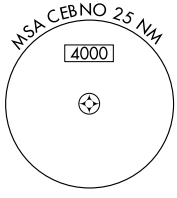
GPS RWY 35
CHILDRESS MUNI (CDS)

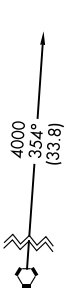
NA

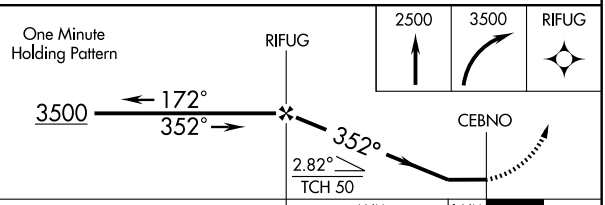
MISSED APPROACH: Climb to 2500 then climbing right turn to 3500 direct RIFUG WP and hold.

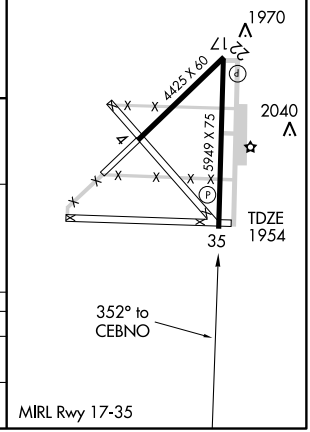
ASOS	FORT WORTH CENTER	UNICOM
135.125	133.5 350.35	122.8 (CTAF)











CATEGORY	A	B	C	D
S-35	2300-1 346 (400-1)			2300-1¼ 346 (400-1¼)
CIRCLING	2500-1 546 (600-1)		2500-1½ 546 (600-1½)	2520-2 566 (600-2)

SC-2. 17 DEC 2009 to 14 JAN 2010

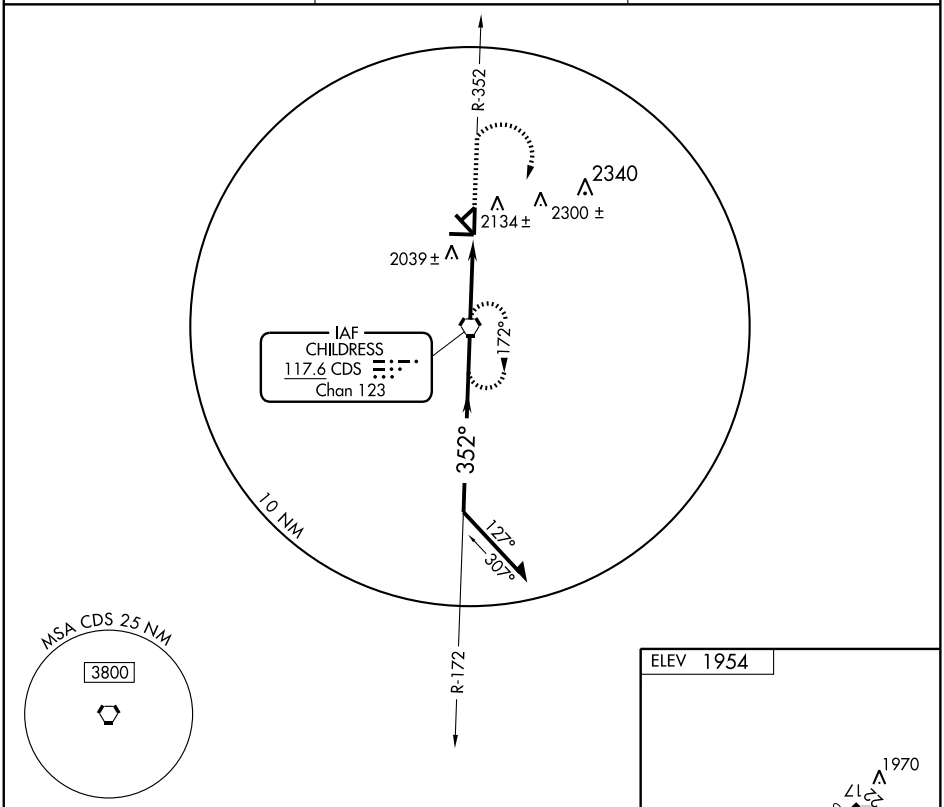
VORTAC CDS	APP CRS	Rwy Idg	5949
117.6	352°	TDZE	1954
Chan 123		Apt Elev	1954

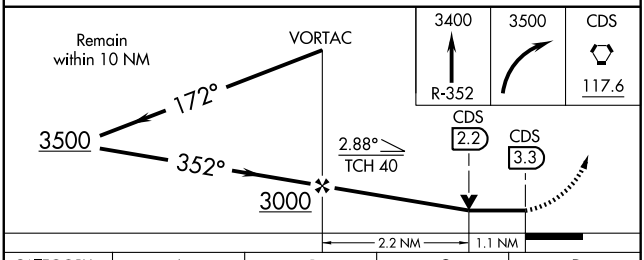
VOR RWY 35
CHILDRESS MUNI (CDS)

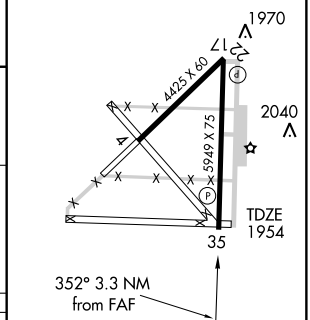
When local altimeter setting not received, use Altus/Quartz Mountain Rgnl altimeter setting and increase all MDA 200 feet, and all visibilities ¾ mile. VDP NA when using Altus/Quartz Mountain Rgnl altimeter setting.

MISSED APPROACH: Climb to 3400 via CDS VORTAC R-352 then climbing right turn to 3500 direct CDS VORTAC and hold.

ASOS	FORT WORTH CENTER	UNICOM
135.125	133.5 350.35	122.8 (CTAF)





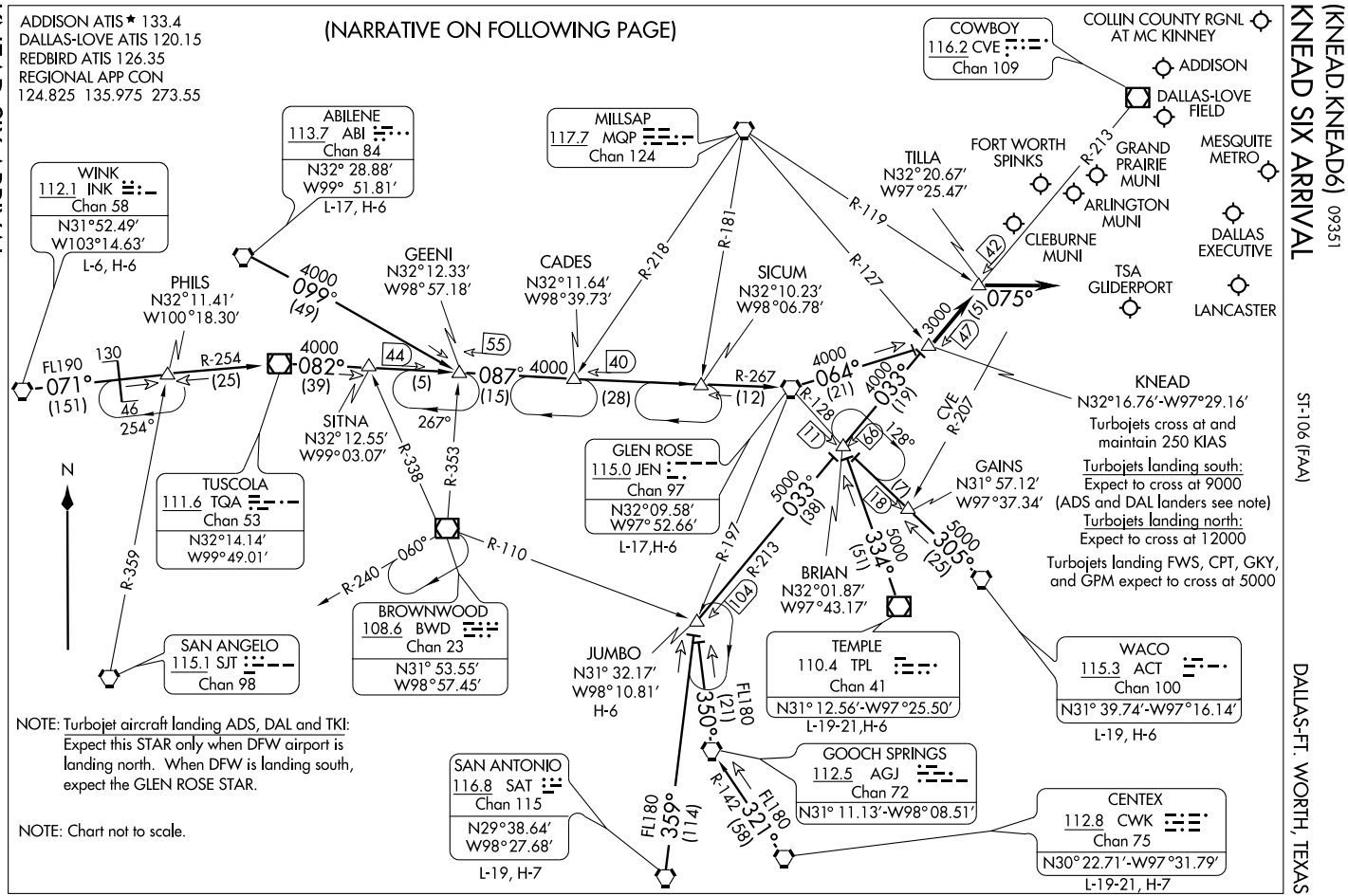


CATEGORY	A	B	C	D
S-35	2340-1 386 (400-1)			2340-1¼ 386 (400-1¼)
CIRCLNG	2500-1 546 (600-1)		2500-1½ 546 (600-1½)	2520-2 566 (600-2)

FAF to MAP 3.3 NM

Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-CPT	APP CRS	Rwy Idg	5512
111.15	153°	TDZE	854
Chan 48(Y)		Apt Elev	854

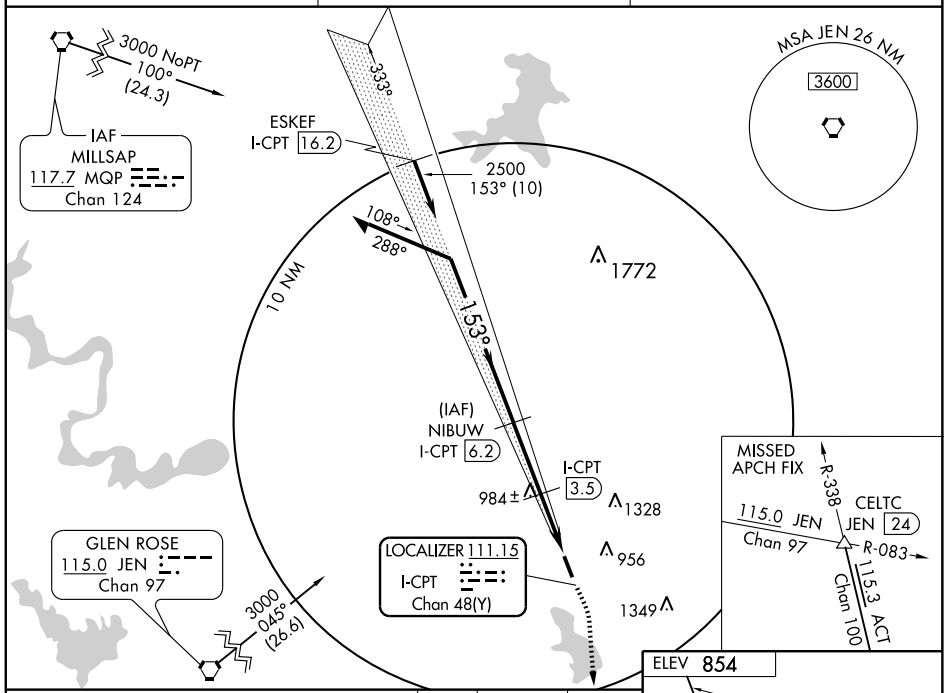
LOC/DME RWY 15

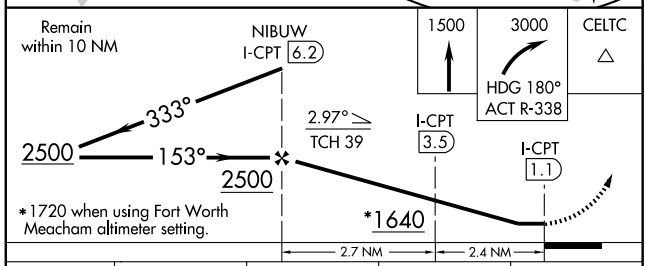
CLEBURNE MUNI (CPT)

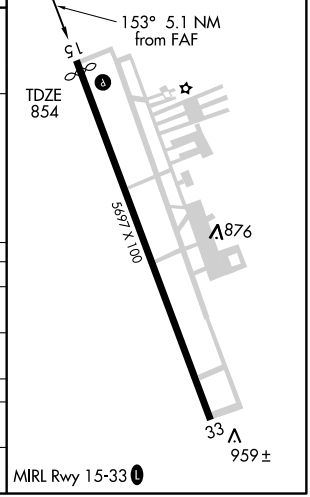
Obtain local altimeter setting on CTAF; when not received, use Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 via heading 180° and ACT R-338 to CELTC INT.

AWOS-3	REGIONAL APP CON	UNICOM
119.525	135.975 379.9	122.8 (CTAF)







CATEGORY	A	B	C	D
S-15	1240-1 386 (400-1)			1240-1¼ 386 (400-1¼)
CIRCLING	1240-1 386 (400-1)	1320-1 466 (500-1)	1320-1½ 466 (500-1½)	1420-2 566 (600-2)
FORT WORTH MEACHAM ALTIMETER SETTING MINIMUMS				
S-15	1320-1 466 (500-1)		1320-1¼ 466 (500-1¼)	1320-1½ 466 (500-1½)
CIRCLING	1320-1 466 (500-1)		1320-1½ 466 (500-1½)	1420-2 566 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5512
153°	TDZE	854
	Apt Elev	854

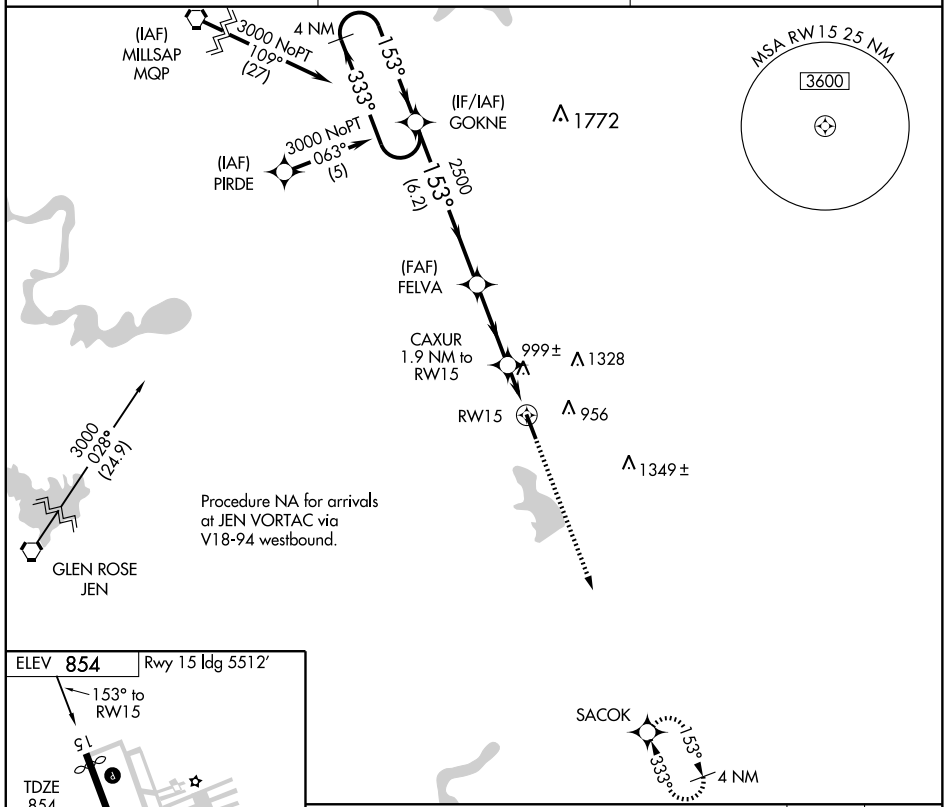
RNAV (GPS) RWY 15

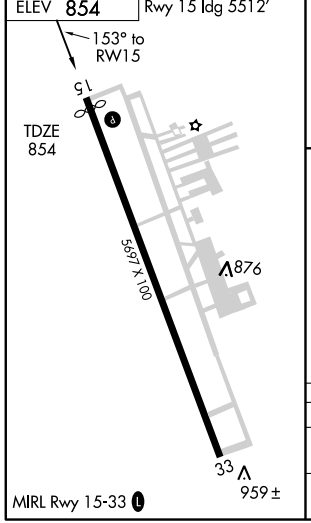
CLEBURNE MUNI (CPT)

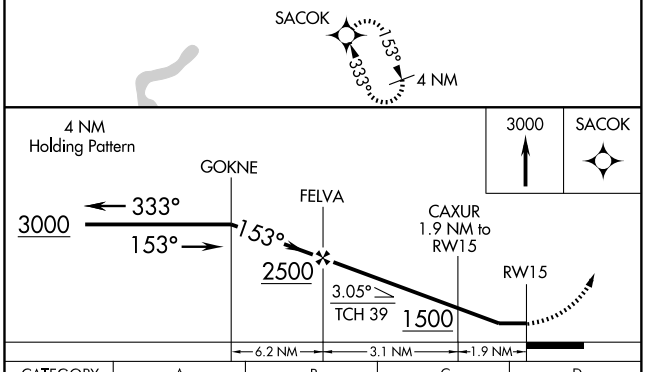
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Worth Meacham altimeter setting and increase all MDAs 100 feet, and increase LNAV Cats C and D visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct SACOK and hold.

AWOS-3	REGIONAL APP CON	UNICOM
119.525	135.975 379.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1260-1 406 (500-1)		1260-1¼ 406 (500-1¼)	
CIRCLING	1300-1 446 (500-1)	1320-1 466 (500-1)	1320-1½ 466 (500-1½)	1420-2 566 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

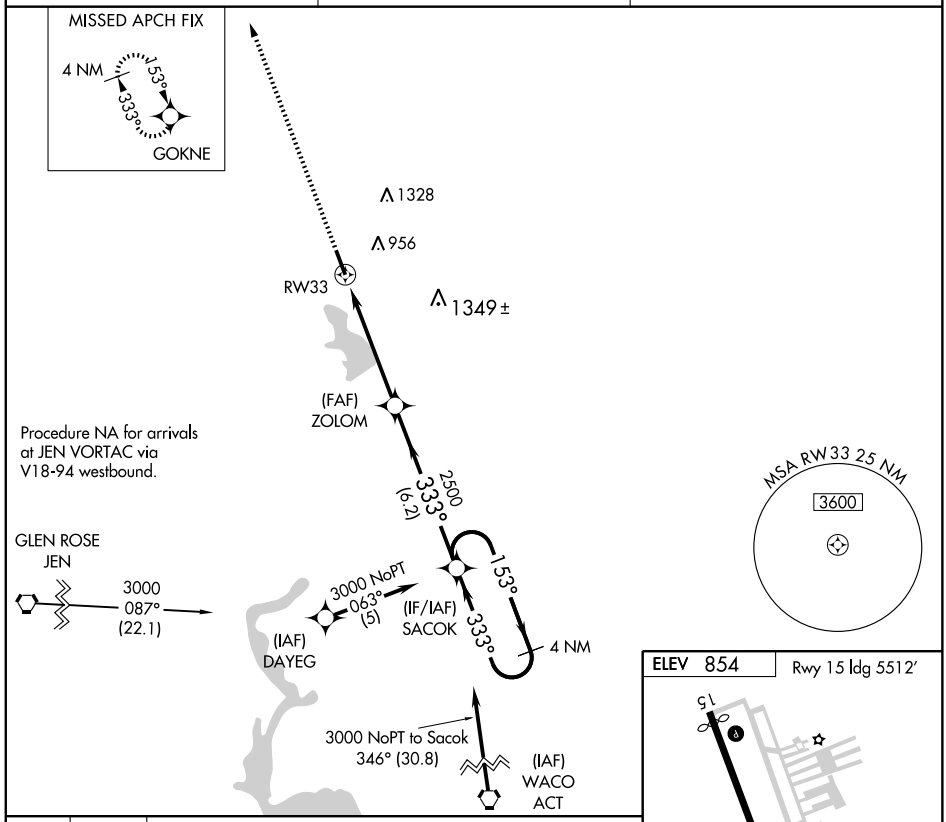
APP CRS	Rwy Idg	5697
333°	TDZE	849
	Apt Elev	854

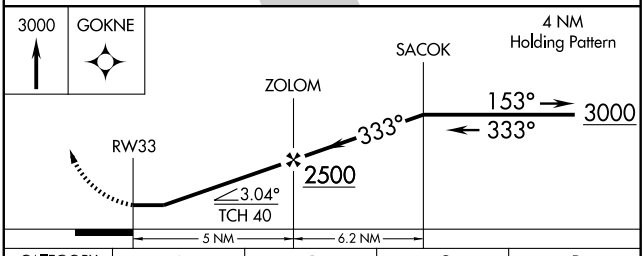
RNAV (GPS) RWY 33
CLEBURNE MUNI (CPT)

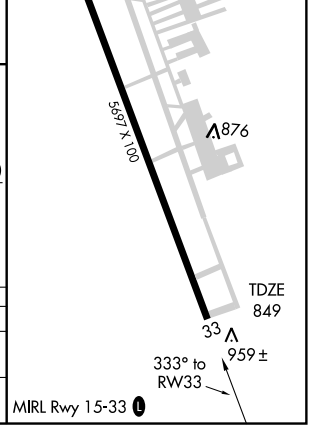
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Worth Meacham altimeter setting and increase all MDAs 100 feet, and increase LNAV visibility Cats C and D ¼ mile.

MISSED APPROACH: Climb to 3000 direct GOKNE and hold.

AWOS-3	REGIONAL APP CON	UNICOM
119.525	135.975 379.9	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1220-1 371 (400-1)			1220-1¼ 371 (400-1¼)
CIRCLING	1300-1 446 (500-1)	1320-1 466 (500-1)	1320-1½ 466 (500-1½)	1420-2 566 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

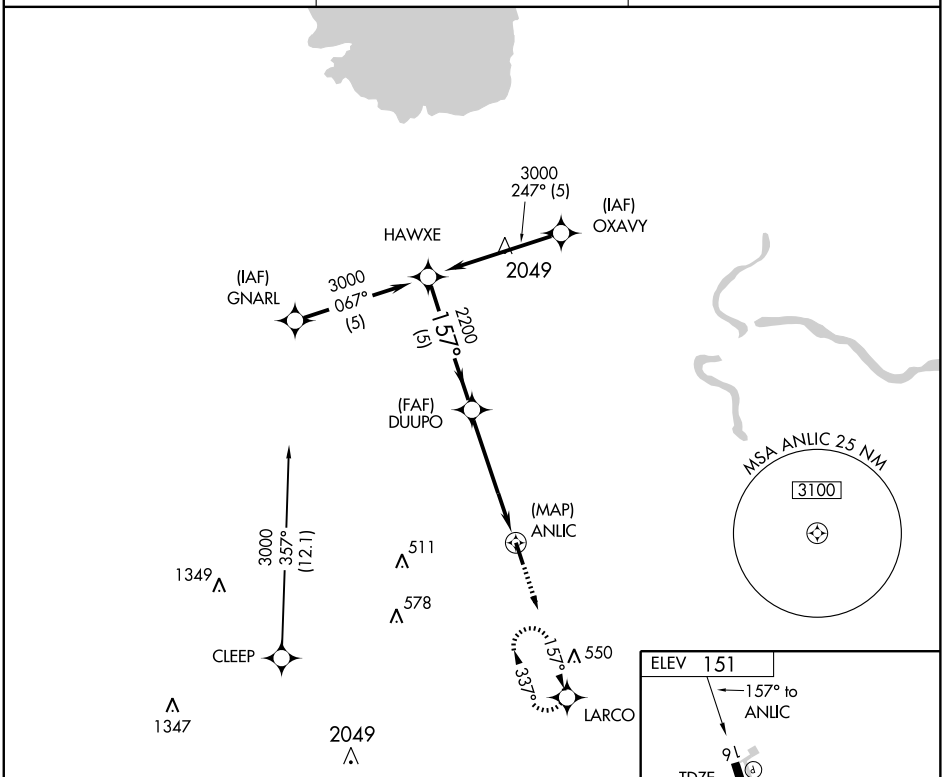
APP CRS	Rwy Idg	4998
157°	TDZE	151
	Apt Elev	151

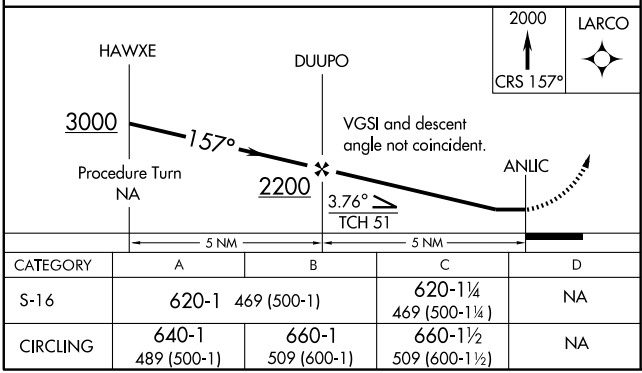
GPS RWY 16
CLEVELAND MUNI (6R3)

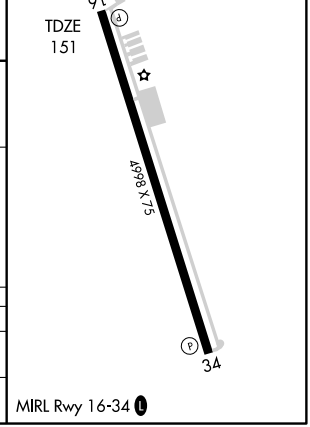
NA Use Houston, TX (George Bush Intercontinental /Houston) altimeter setting.

MISSED APPROACH: Climb to 2000 via 157° course to LARCO WP and hold.

AWOS-3	HOUSTON APP CON	UNICOM
119.325	119.7 281.4	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-16	620-1 469 (500-1)		620-1¼ 469 (500-1¼)	NA
CIRCLING	640-1 489 (500-1)	660-1 509 (600-1)	660-1½ 509 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

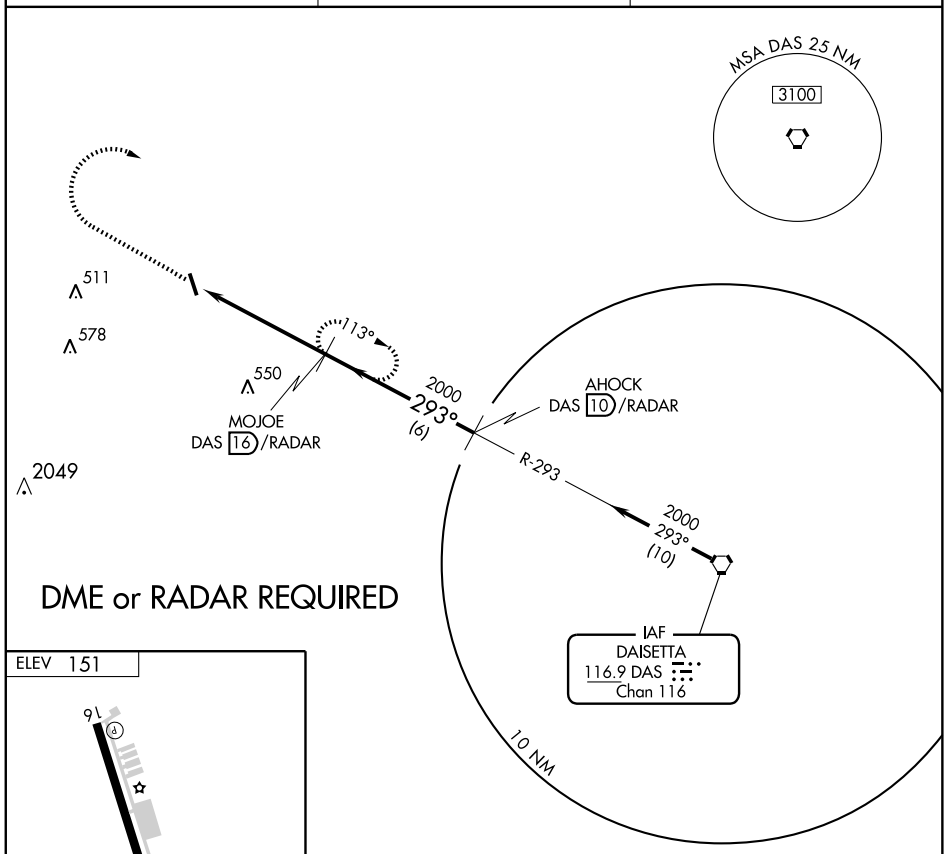
VORTAC DAS	APP CRS	Rwy Idg	N/A
116.9	293°	TDZE	N/A
Chan 116		Apt Elev	151

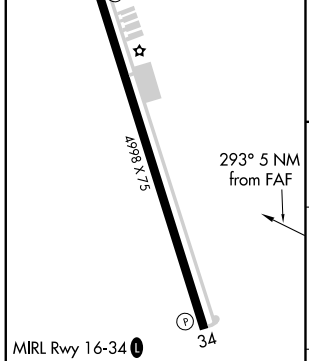
VOR-A
CLEVELAND MUNI (6R3)

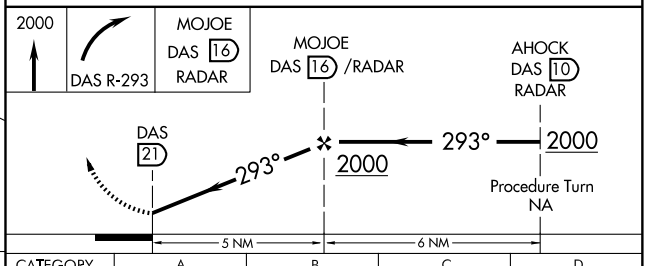
Use Houston, TX (George Bush Intercontinental/Houston) altimeter setting.
NA

MISSED APPROACH: Climb to 2000 then right turn via DAS R-293 to MOJOE/DAS 16 DME/RADAR and hold.

AWOS-3	HOUSTON APP CON	UNICOM
119.325	119.7 281.4	123.0 (CTAF) L







FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
CIRCLING	680-1 529 (600-1)	680-1¼ 529 (600-1¼)	NA	

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4503
148°	TDZE	1697
	Apt Elev	1697

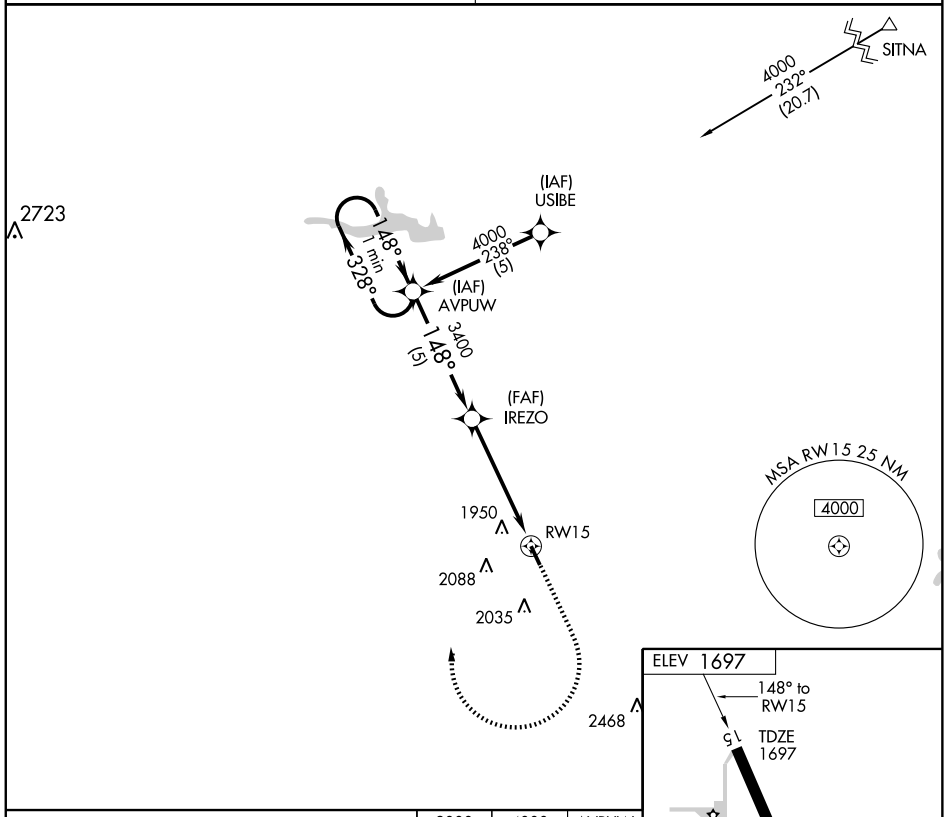
GPS RWY 15
COLEMAN MUNI (COM)

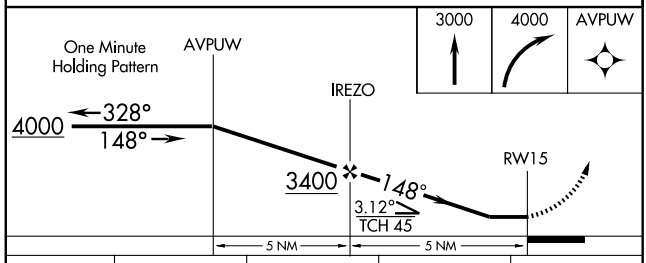
NA

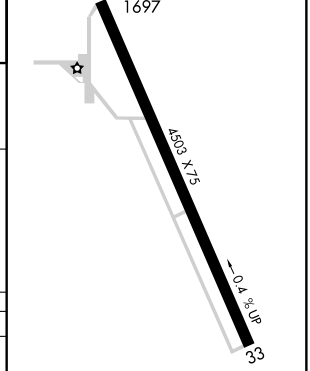
Use Brownwood Rgnl, TX altimeter setting.

MISSED APPROACH: Climb to 3000 then climbing right turn to 4000 direct AVPUW WP and hold.

FORT WORTH CENTER	UNICOM
127.45 290.3	122.8 (CTAF)







CATEGORY	A	B	C	D
S-15	2320-1	623 (700-1)	2320-1¾ 623 (700-1¾)	NA
CIRCLING	2380-1	683 (700-1)	2380-2 683 (700-2)	NA

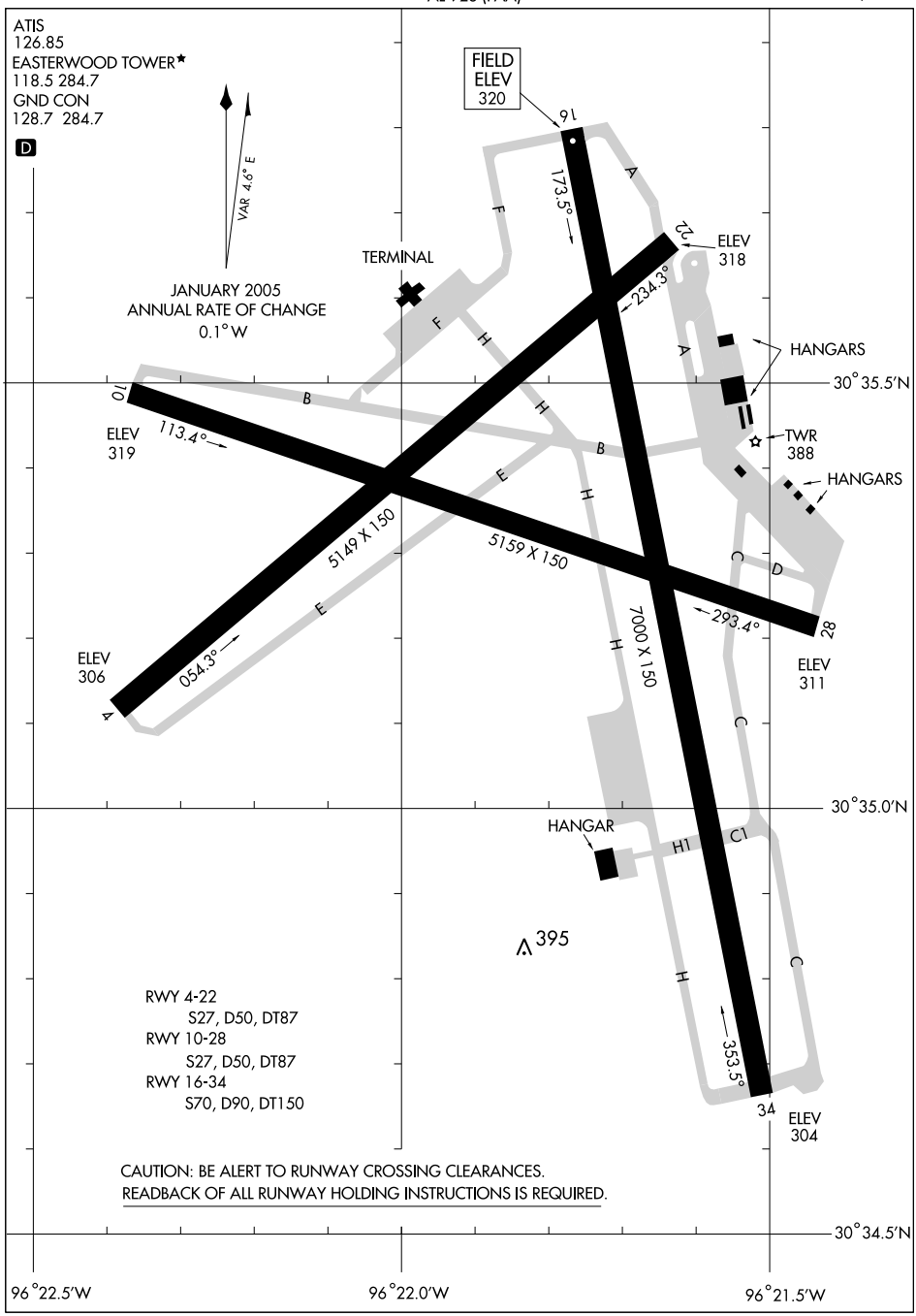
REIL Rwy 33
MIRL Rwy 15-33

SC-3, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

COLLEGE STATION/ EASTERWOOD FIELD (CLL)
AL-928 (FAA)
COLLEGE STATION, TEXAS



SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-CLL	APP CRS	Rwy Idg	7000
111.7	343°	TDZE	311
Chan 54		Apt Elev	321

ILS or LOC RWY 34

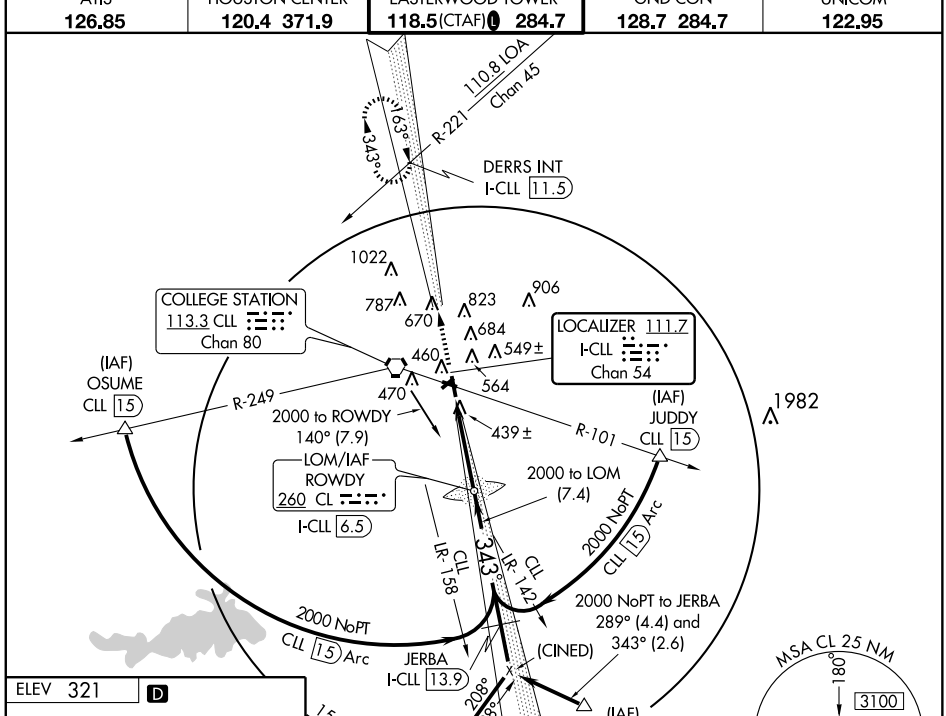
COLLEGE STATION/ EASTERWOOD FIELD (CLL)

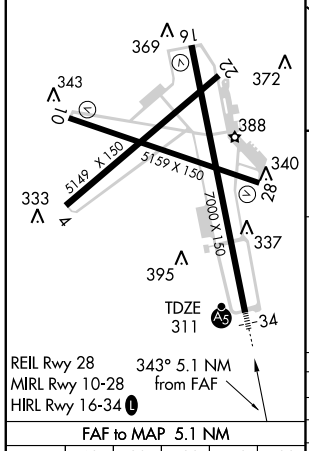
For inoperative MALSR increase S-ILS-34 Cat E visibility to ¾ mile, increase S-LOC-34 Cat E visibility to 1¼ mile. ILS glideslope unusable for coupled approaches below 535 feet MSL. Use I-CLL DME when on localizer course. ADF OR DME REQUIRED.

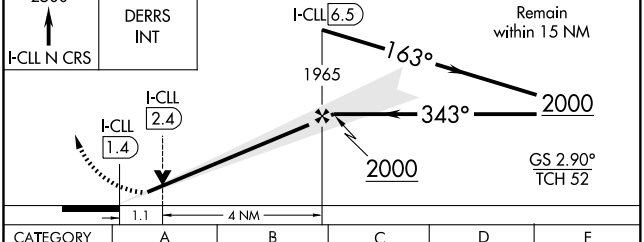
MALSR

MISSED APPROACH: Climb to 2500 via I-CLL north course to DERRS Int/I-CLL 11.5 DME and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

CATEGORY	A	B	C	D	E
S-ILS 34	511-½ 200 (200-½)				
S-LOC 34	700-½ 389 (400-½)			700-¾ 389 (400-¾)	
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-CLL	APP CRS	Rwy Idg	7000
111.7	163°	TDZE	321
Chan 54		Apt Elev	321

LOC BC RWY 16

COLLEGE STATION/ EASTERWOOD FIELD (CLL)

MISSED APPROACH: Climb to 2000 via I-CLL south course and CLL R-143 to COUTH Int/CLL 20.9 DME and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95

BACK COURSE

(IAF) GATLN INT

343° x

(GOMGE)

R-226

LEONA 110.8 LOA Chan 45

MSA CLL 25 NM

180° 3100 2300 300°

2300 to ZONEN 118° (5.1) and 163° (5.6)

2300 CLL 14 Arc

(IF) ZONEN INT I-CLL 14.6

LR-001

LR-344

R-353

(9.7)

2000

R-017

163°

(IAF) YOBUR CLL 14

1022

787 670

BRYIN INT I-CLL 4.8

823 906

WEVAN I-CLL 0.5

684

549 ±

460 564

470

R-299

ENROUTE FACILITIES

FEEDER FACILITIES

10 NM

LOCALIZER 111.7 I-CLL Chan 54

COLLEGE STATION 113.3 CLL Chan 80

R-127

R-143

(IAF) HEDIX CLL 14

NAVASOTA 115.9 TNV Chan 106

R-266

143°

323°

COUTH CLL 20.9

ELEV 321

D

163° 4.3 NM from FAF

TDZE 321

16 22 10 28

369 372 343 388 340 333 337 395

5149 X 150 5159 X 150 7000 X 150

REIL Rwy 28

MIRL Rwy 10-28

HIRL Rwy 16-34 L

ZONEN INT I-CLL 14.6

Use I-CLL DME when on localizer course.

2000 ↑ I-CLL S CRS

CLL R-143 ↑

COUTH △

BRYIN INT I-CLL 4.8

2300

163°

I-CLL 1.5

WEVAN I-CLL 0.5

Procedure Turn NA

Disregard glideslope indications.

2000

3.04°

TCH 51

9.7 NM 3.3 NM 1 NM .7

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

CATEGORY	A	B	C	D	E
S-16	920-1	599 (600-1)	920-1½ 599 (600-1½)	920-1¾ 599 (600-1¾)	920-2 599 (600-2)
CIRCLING	920-1	599 (600-1)	920-1½ 599 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5159
103°	TDZE	320
	Apt Elev	321

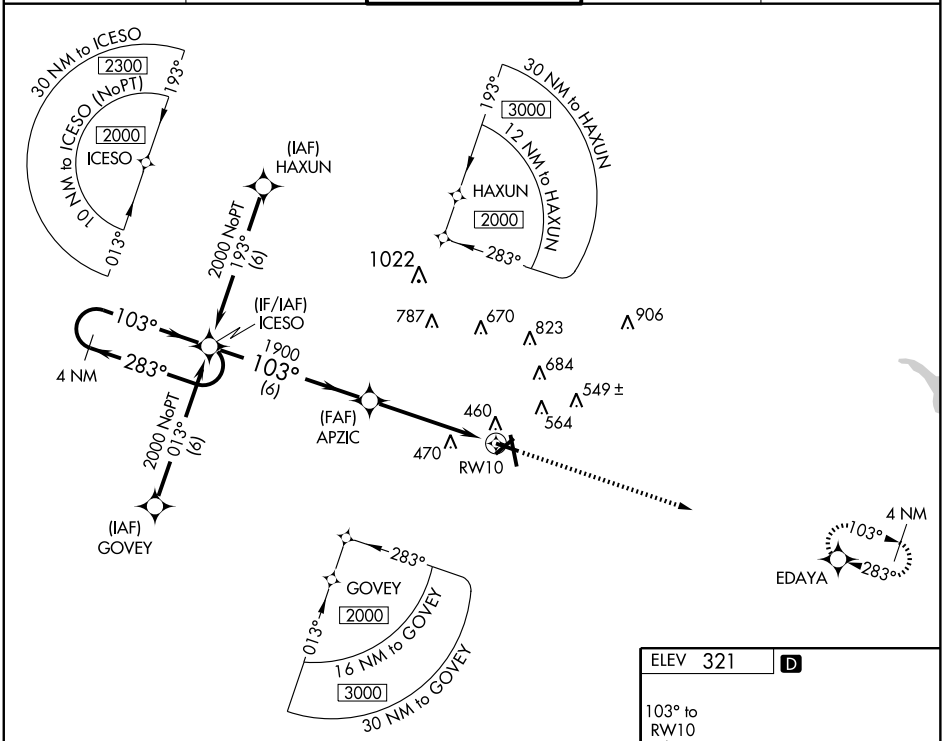
RNAV (GPS) RWY 10

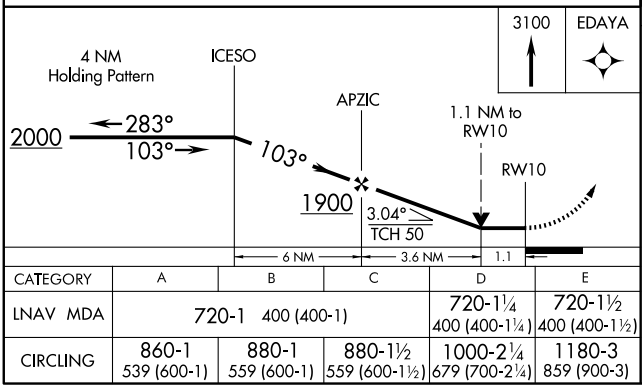
COLLEGE STATION/ EASTERWOOD FIELD (CLL)

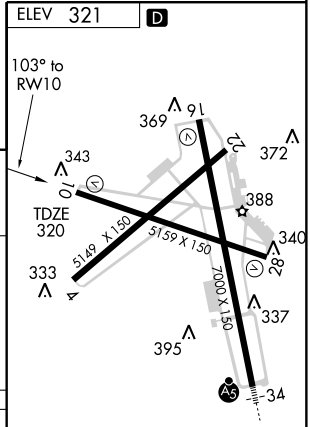
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3100 direct EDAYA and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







CATEGORY	A	B	C	D	E
LNAV MDA	720-1 400 (400-1)			720-1¼ 400 (400-1¼)	720-1½ 400 (400-1½)
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

REIL Rwy 28
MIRL Rwy 10-28
HIRL Rwy 16-34 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7000
163°	TDZE	321
	Apt Elev	321

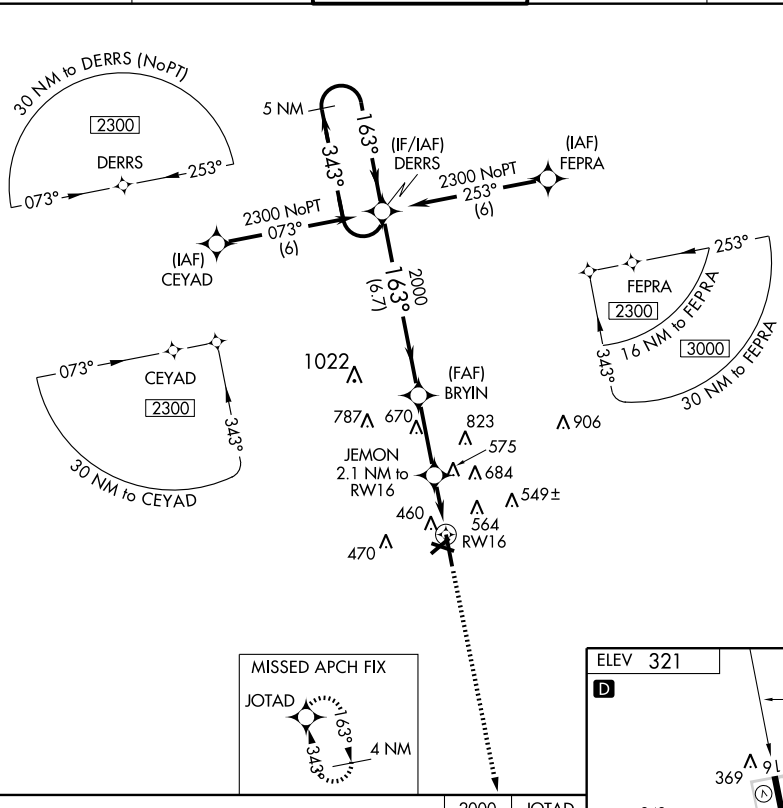
RNAV (GPS) RWY 16

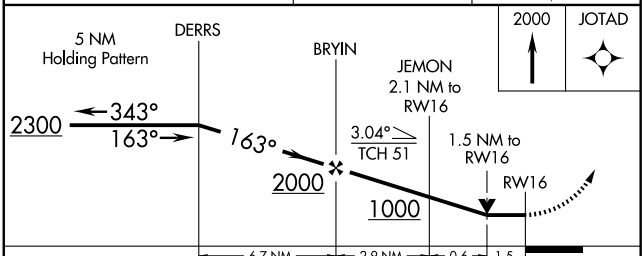
COLLEGE STATION/EASTERWOOD FIELD (CLL)

DME/DME RNP-0.3 NA

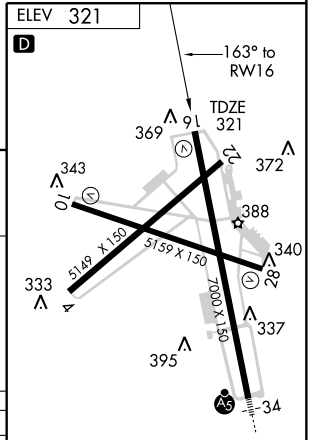
MISSED APPROACH: Climb to 2000 direct JOTAD and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95





CATEGORY	A	B	C	D	E
LNAV MDA	840-1	519 (600-1)	840-1½ 519 (600-1½)	840-1¾	519 (600-1¾)
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)



REIL Rwy 28
MIRL Rwy 10-28
HIRL Rwy 16-34 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5159
283°	TDZE	314
	Apt Elev	321

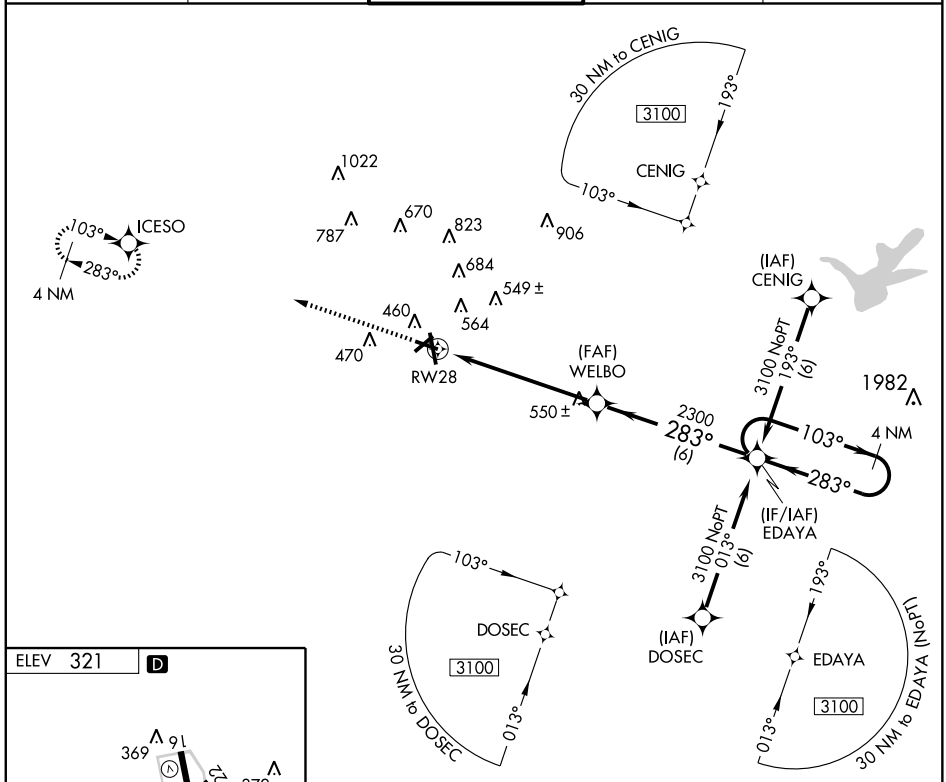
RNAV (GPS) RWY 28

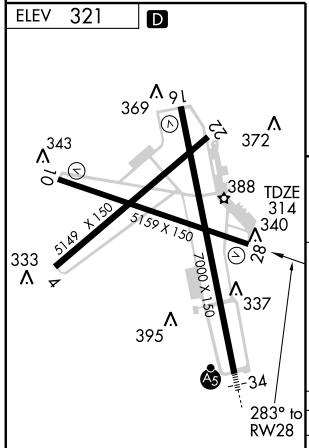
COLLEGE STATION/EASTERWOOD FIELD (CLL)

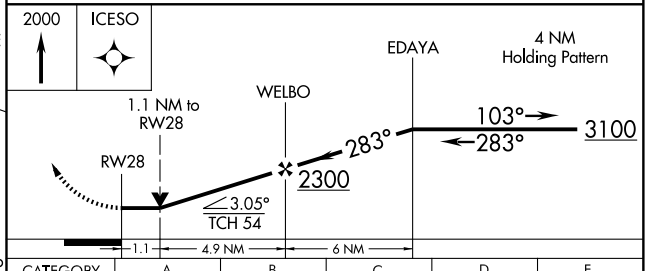
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct ICESO and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







CATEGORY	A	B	C	D	E
LNAV MDA	720-1 406 (400-1)		720-1¼ 406 (400-1¼)		720-1½ 406 (400-1½)
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

REIL Rwy 28
MIRL Rwy 10-28
HIRL Rwy 16-34 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7000
343°	TDZE	311
	Apt Elev	321

RNAV (GPS) RWY 34

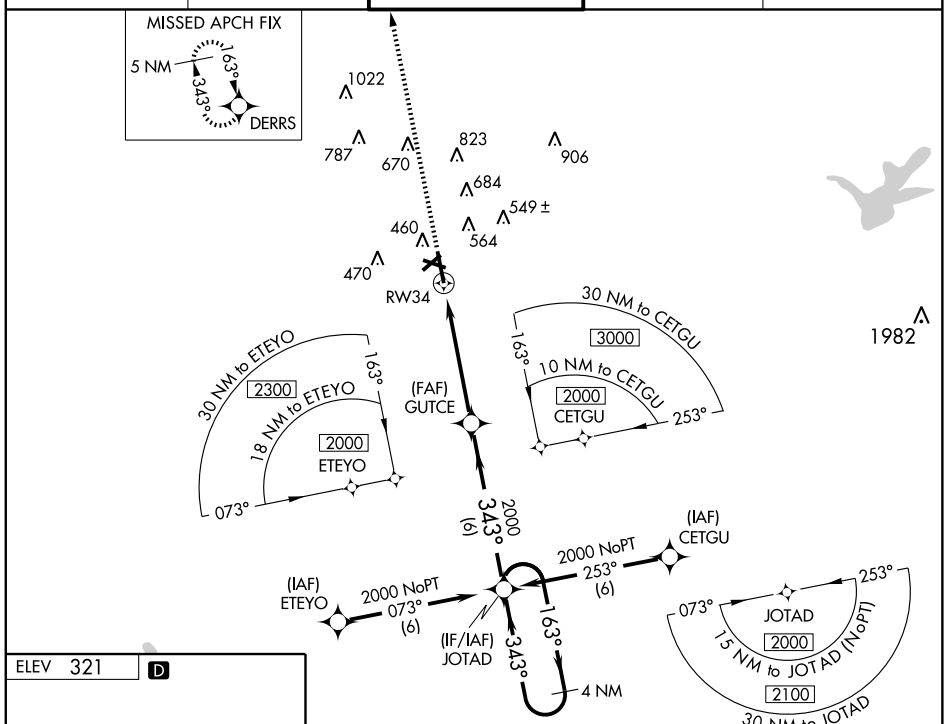
COLLEGE STATION/EASTERWOOD FIELD (CLL)

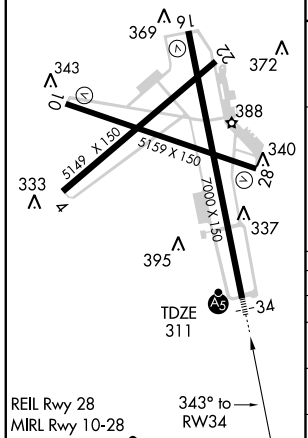
Baro-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LNAV/VNAV Cat E visibility to 1¼, LNAV Cat D visibility to 1¼, and Cat E to 1½.

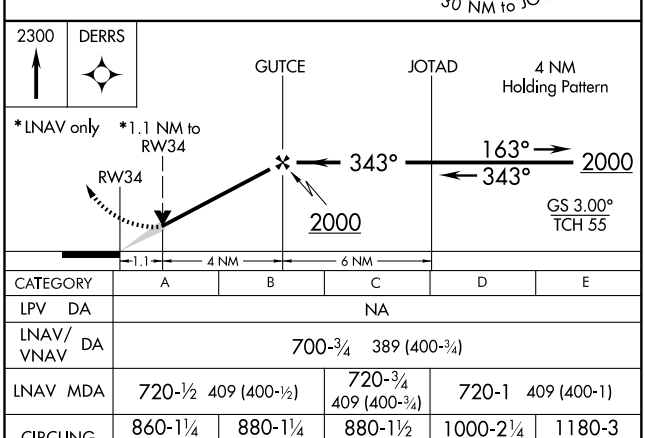
MALSR

MISSED APPROACH: Climb to 2300 direct DERRS and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







CATEGORY	A	B	C	D	E
LPV DA	NA				
LNAV/VNAV DA	700-¾ 389 (400-¾)				
LNAV MDA	720-½ 409 (400-½)		720-¾ 409 (400-¾)	720-1 409 (400-1)	
CIRCLING	860-1¼ 539 (600-1¼)	880-1¼ 559 (600-1¼)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

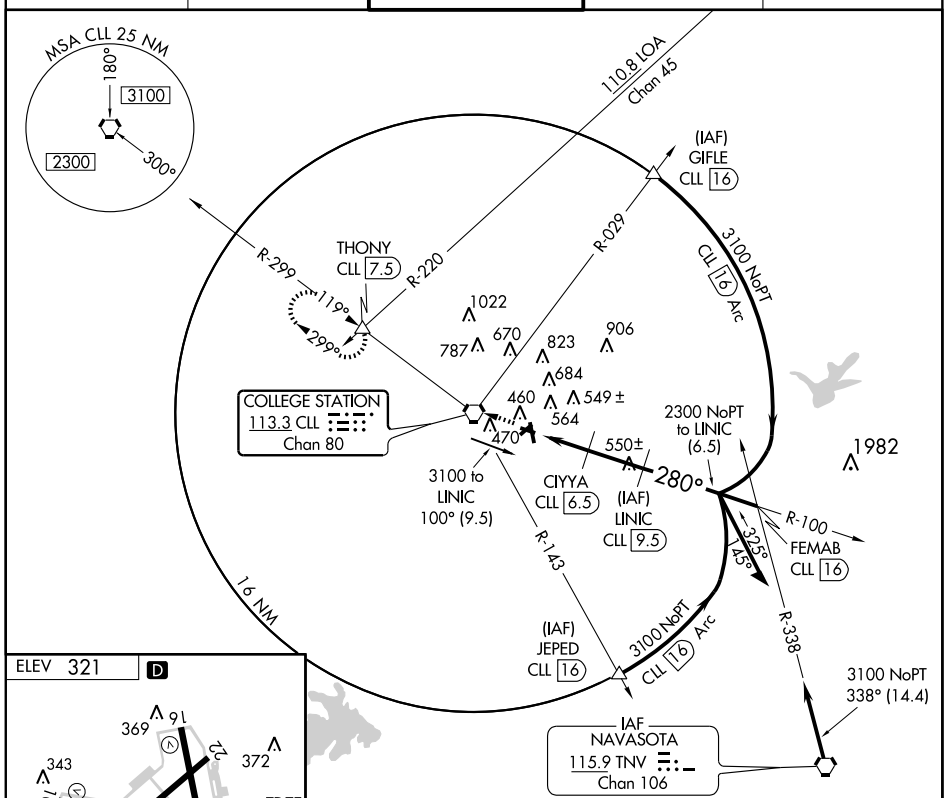
VORTAC CLL	APP CRS	Rwy Idg 5159
113.3	280°	TDZE 314
Chan 80		Apt Elev 321

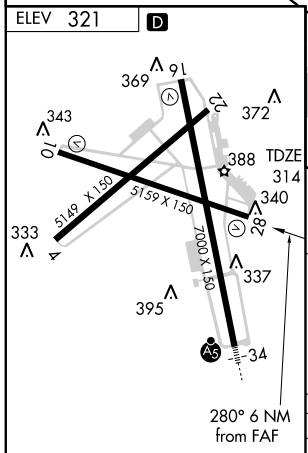
VOR/DME RWY 28

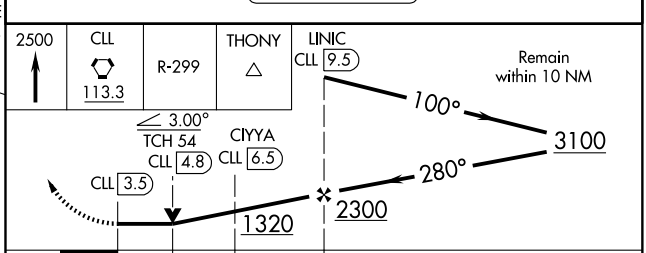
COLLEGE STATION/ EASTERWOOD FIELD (CLL)

MISSED APPROACH: Climb to 2500 direct CLL VORTAC then via CLL R-299 to THONY Int/CLL 7.5 DME and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







CATEGORY	A	B	C	D
S-28	800-1 486 (500-1)		800-1¼ 486 (500-1¼)	800-1½ 486 (500-1½)
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)

REIL Rwy 28
MIRL Rwy 10-28
HIRL Rwy 16-34 L

SC-5, 17 DEC 2009 to 14 JAN 2010

COLLEGE STATION, TEXAS

AL-928 (FAA)

VORTAC CLL	APP CRS	Rwy Idg	5159
113.3	100°	TDZE	320
Chan 80		Apt Elev	321

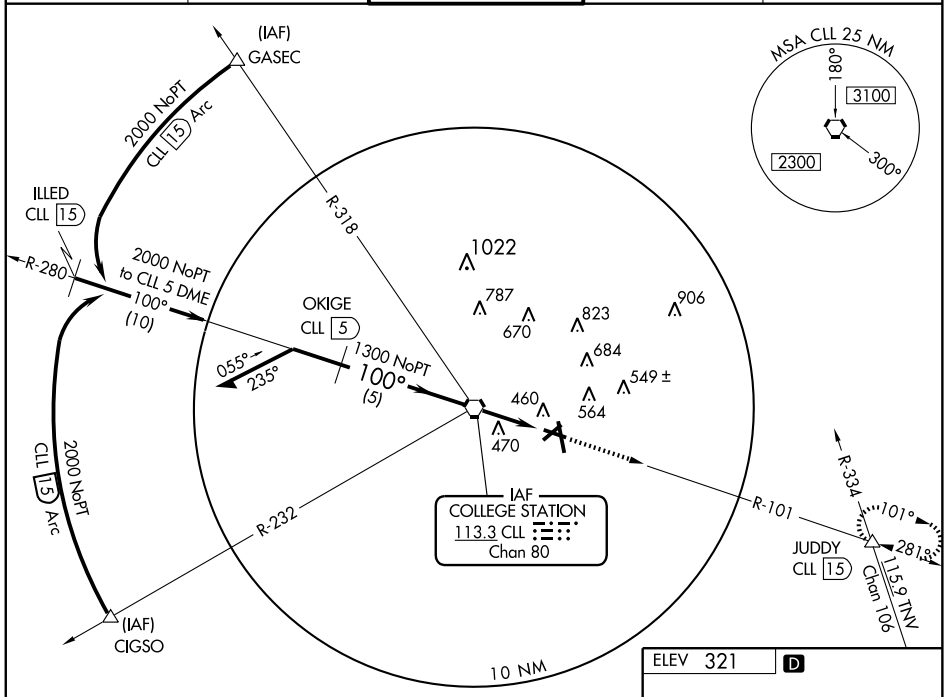
VOR or TACAN RWY 10

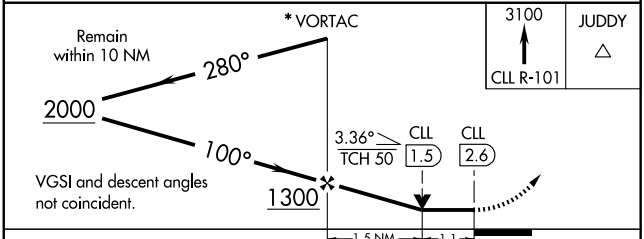
COLLEGE STATION/ EASTERWOOD FIELD (CLL)

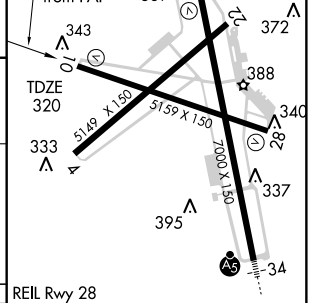
* Procedure turn NA for Cat E.

MISSED APPROACH: Climb to 3100 via CLL R-101 to JUDDY Int/CLL 15 DME and hold.

ATIS	HOUSTON CENTER	EASTERWOOD TOWER*	GND CON	UNICOM
126.85	120.4 371.9	118.5 (CTAF) L 284.7	128.7 284.7	122.95







REIL Rwy 28
MIRL Rwy 10-28
HIRL Rwy 16-34 L

FAF to MAP 2.6 NM

Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

CATEGORY	A	B	C	D	E
S-10	720-1 400 (400-1)			720-1¼ 400 (400-1¼)	720-1½ 400 (400-1½)
CIRCLING	860-1 539 (600-1)	880-1 559 (600-1)	880-1½ 559 (600-1½)	1000-2¼ 679 (700-2¼)	1180-3 859 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

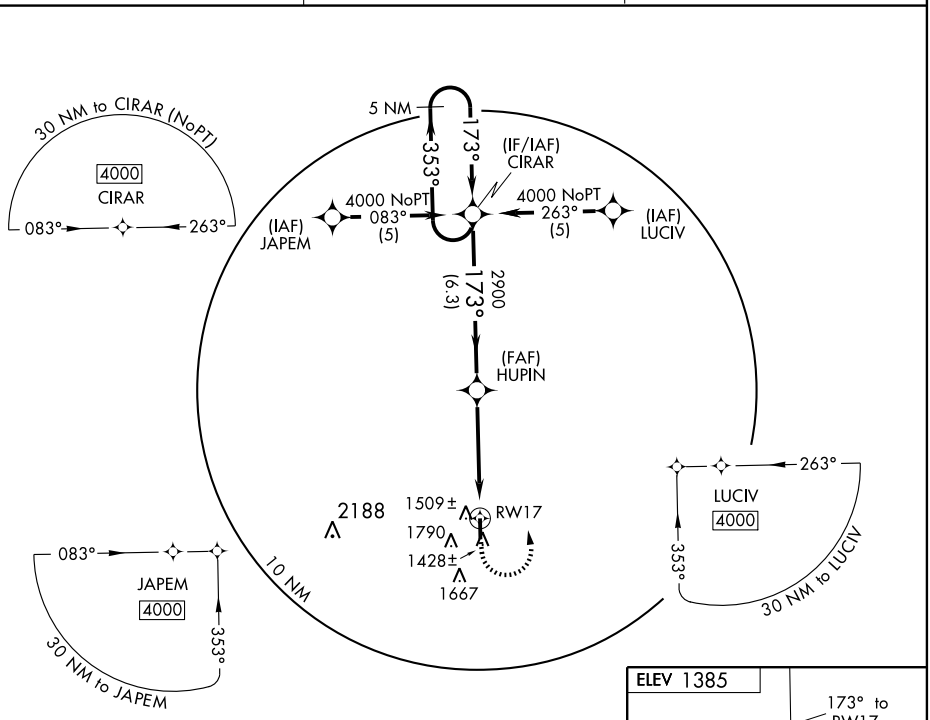
APP CRS	Rwy Idg	4500
173°	TDZE	1385
	Apt Elev	1385

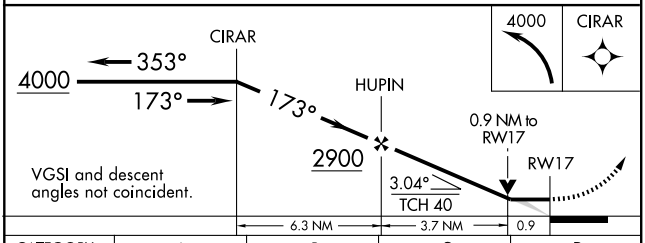
RNAV (GPS) RWY 17
COMANCHE COUNTY-CITY (MKN)

DME/DME RNP-0.3 NA. VDP NA when using Brownwood altimeter setting. If local altimeter setting not received, use Brownwood altimeter setting and increase all MDAs 60 feet. Circling NA west of runway 17-35.

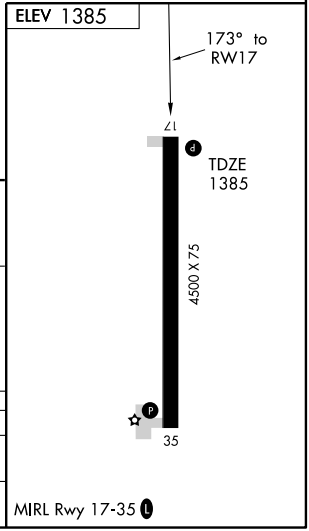
MISSED APPROACH: Climbing left turn to 4000 direct CIRAR and hold.

AWOS-3	FORT WORTH CENTER	CTAF
118.575	135.375 354.05	123.075 L





CATEGORY	A	B	C	D
LNAV MDA	1800-1 415 (500-1)		NA	
CIRCLING	1800-1 415 (500-1)	1840-1 455 (500-1)	NA	



SC-3, 17 DEC 2009 to 14 JAN 2010

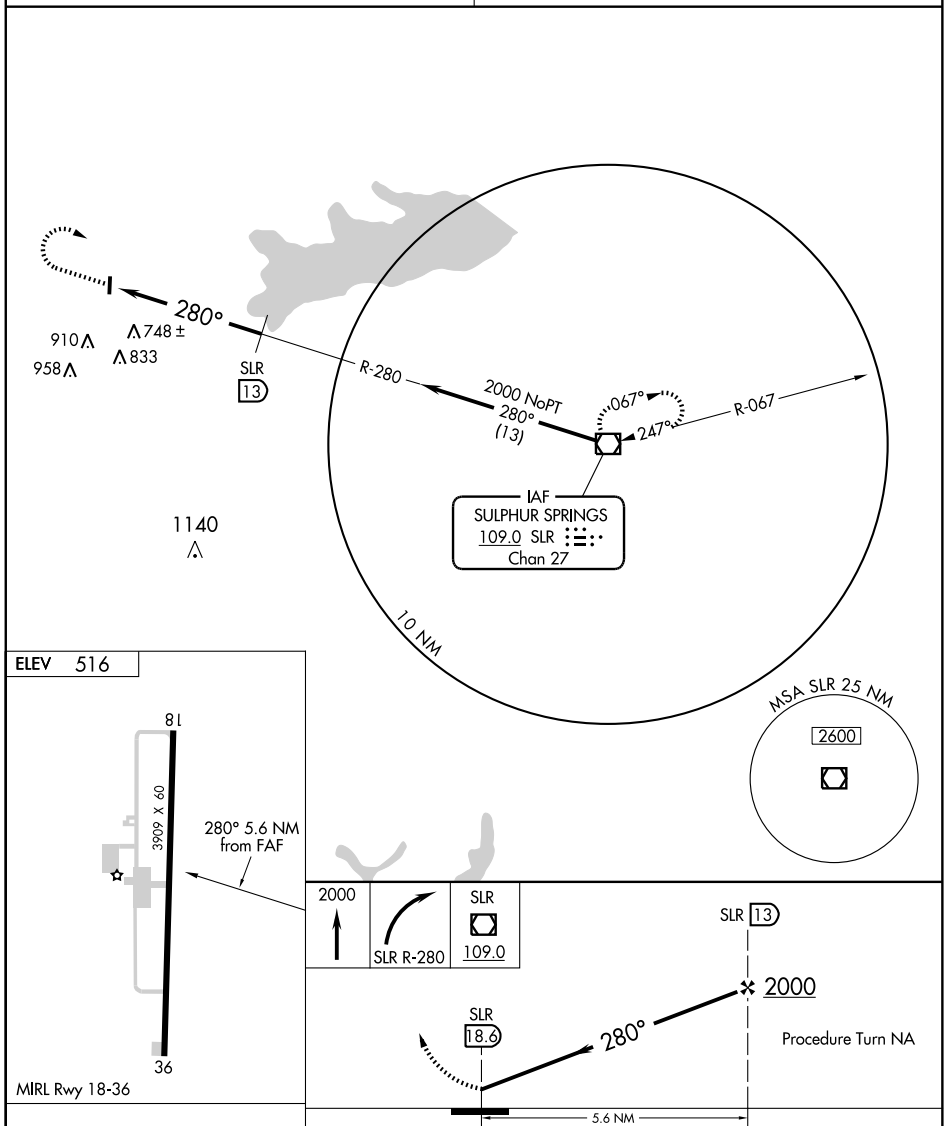
VOR/DME SLR	APP CRS	Rwy Idg	N/A
109.0	280°	TDZE	N/A
Chan 27		Apt Elev	516

VOR/DME-A
COMMERCE MUNI (2F7)

Use Cox Field altimeter setting.
NA

MISSED APPROACH: Climb to 2000, then right turn proceed via SLR R-280 to SLR VOR/DME and hold.

FORT WORTH CENTER	CTAF
127.6 254.3	122.9



Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	1080-1 564 (600-1)		NA	

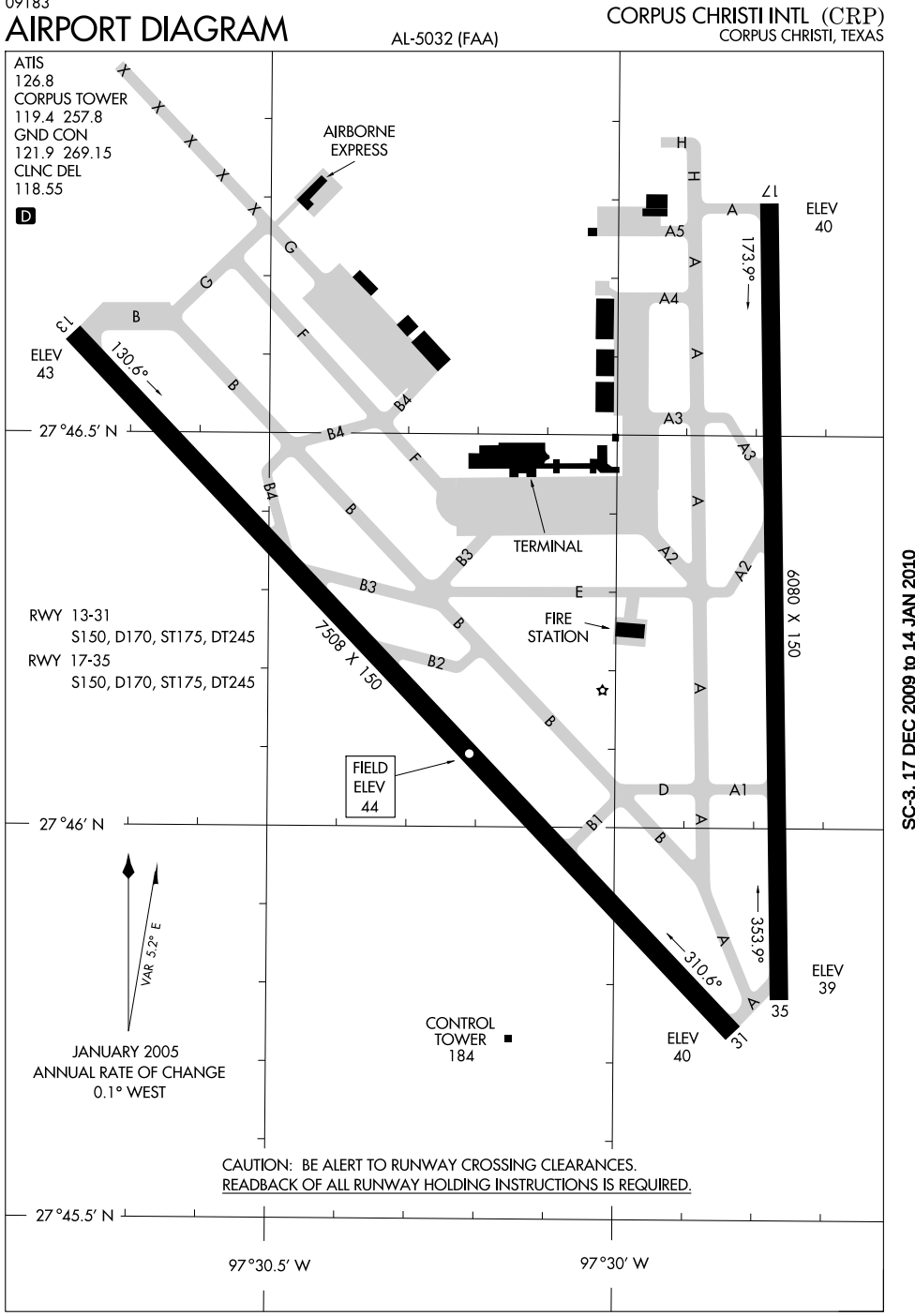
SC-2, 17 DEC 2009 to 14 JAN 2010

09183

AIRPORT DIAGRAM

AL-5032 (FAA)

CORPUS CHRISTI INTL (CRP)
CORPUS CHRISTI, TEXAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-3, 17 DEC 2009 to 14 JAN 2010

ILS or LOC RWY 13

CORPUS CHRISTI INTL (CRP)

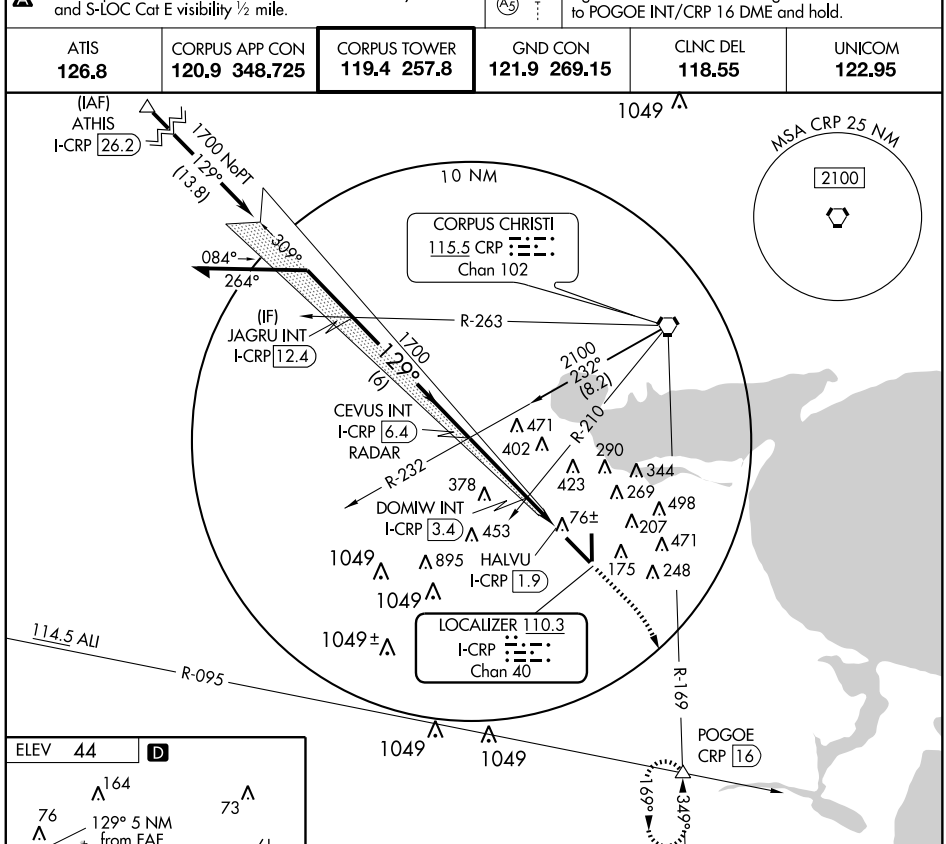
LOC/DME I-CRP	APP CRS	Rwy Idg	7508
110.3	129°	TDZE	43
Chan 40		Apt Elev	44

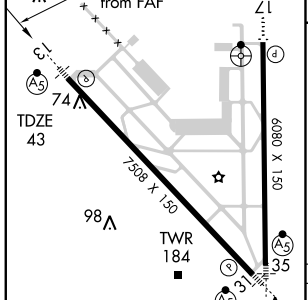
* RVR 1800 authorized with the use of FD or AP or HUD to DA. For inoperative MALSR increase S-ILS Cat E visibility ¼ mile and S-LOC Cat E visibility ½ mile.

MALSR

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 via heading 130° and CRP R-169 to POGOE INT/CRP 16 DME and hold.

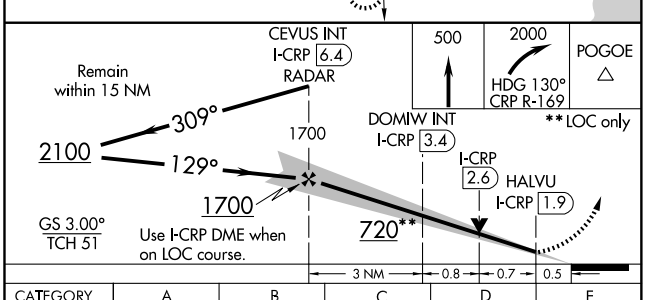
ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95





HIRL Rwys 13-31 and 17-35

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



CATEGORY	A	B	C	D	E
S-ILS 13	* 243/24 200 (200-½)				
S-LOC 13	480/24 437 (500-½)		480/40 437 (500-¾)	480/50 437 (500-1)	
CIRCLING	500-1 456 (500-1)	520-1 476 (500-1)	580-1½ 536 (600-1½)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

CORPUS CHRISTI, TEXAS

AL-5032 (FAA)

09295

ILS or LOC RWY 35

CORPUS CHRISTI INTL (CRP)

LOC/DME I-OYC	APP CRS	Rwy Idg	6080
109.5	352°	TDZE	40
Chan 32		Apt Elev	44

For inoperative MALSR, increase S-ILS 35 Cat E visibility to RVR 4000 and S-LOC 35 Cat D visibility to RVR 5000, Cat E to RVR 6000.

MALSR

MISSED APPROACH: Climb to 700 then climbing left turn to 2000 via heading 335° and CRP R-287 to ATHIS INT/CRP 23.3 DME and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95

MISSED APCH FIX

ATHIS
CRP 23.3

R-287 107° R-020 115.5 CRP Chan 102 287° 114.5 AUI

LOCALIZER 109.5
I-OYC
Chan 32

TRUAX
114.0 NGP
Chan 87

TENUH
I-OYC 1.7

ALKOJ INT
I-OYC 3.2

Cuddihy Field (Pvt)

Cabaniss Field NALF

R-278

R-257

R-229

OSSOE INT
I-OYC 7.1
RADAR

(IF)
CIMTI INT
I-OYC 13.1

(CELUC)

(HASAB)

(IAF)
JETTY

(IAF)
SOLON

352°

10 NM

MSA CRP 25 NM
2100

Procedure NA for arrivals at SOLON via V13-20-163 southbound and arrivals at JETTY via V70-407 southbound.

2000 to CIMTI 307° (4.7) and LOC (4.4)

2000 to CIMTI 052° (3.7) and LOC (2.2)

ELEV 44 D

6080 X 150

7308 X 150

TDZE 40

TWR 184

352° 5.9 NM from FAF

HIRL Rwys 13-31 and 17-35

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

700 | 2000 HDG 335° CRP R-287 | ATHIS

Use I-OYC DME when on the LOC course.
*LOC only

ILS unusable inside DA.
LOC unusable from I-OYC 1.6 DME inbound.

OSSOE INT I-OYC 7.1 RADAR

CIMTI I-OYC 13.1
Procedure Turn NA

ALKOJ INT I-OYC 3.2

TENUH I-OYC 1.7

2000

352° 2000

720*

2000

GS 3.00°
TCH 57

0.5 | 1.5 NM | 3.9 NM | 6 NM

CATEGORY	A	B	C	D	E
S-ILS 35	240/24 200 (200-½)				
S-LOC 35	380/24 340 (400-½)			380/40 340 (400-¾)	
CIRCLING	500-1 456 (500-1)	520-1 476 (500-1)	580-1½ 536 (600-1½)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-EKI	APP CRS	Rwy Idg	7508
110.3	309°	TDZE	44
Chan 40		Apt Elev	44

LOC RWY 31

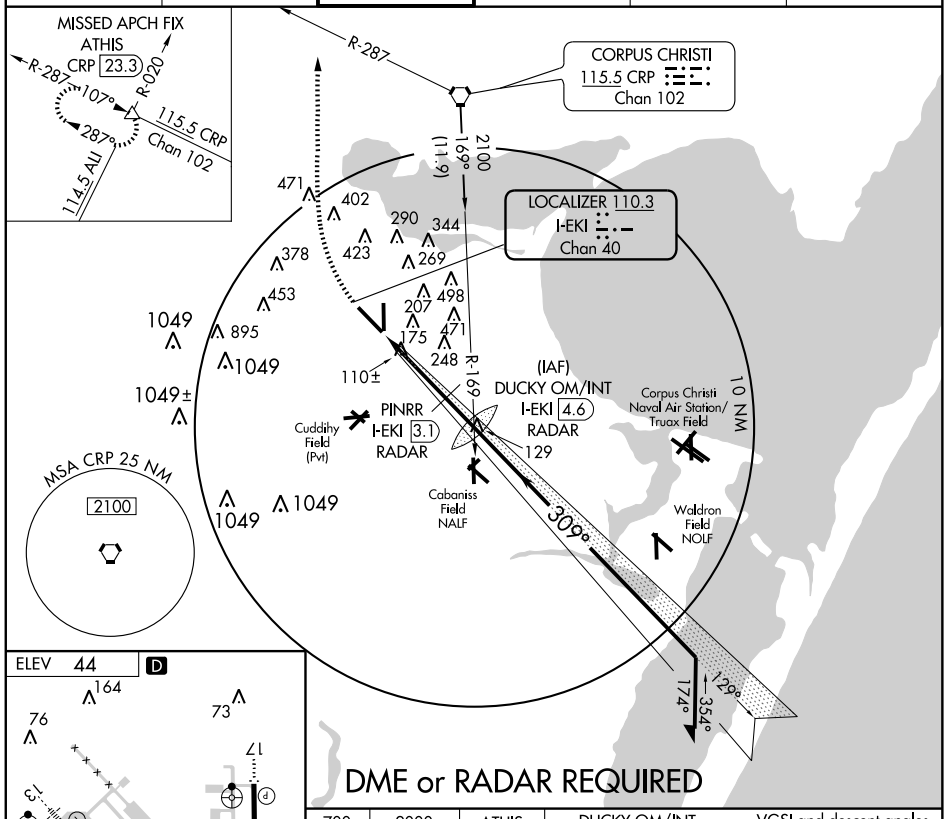
CORPUS CHRISTI INTL (CRP)

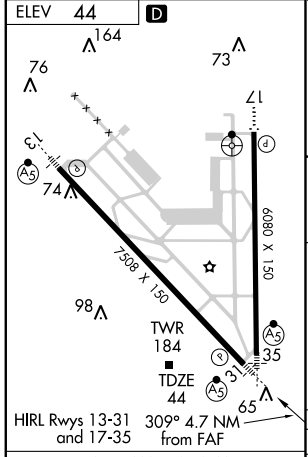
For inoperative MALSR, increase S-31 Cats. D and E visibility to 1 mile.

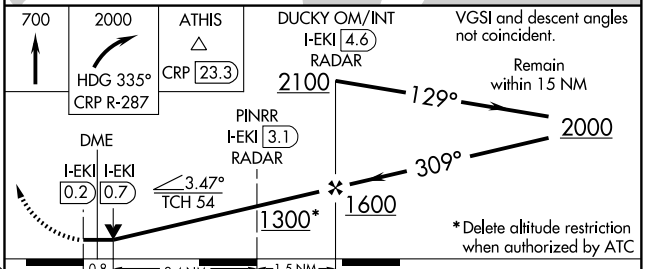
MALSR

MISSED APPROACH: Climb to 700 then climbing right turn to 2000 via heading 335° and via CRP R-287 to ATHIS Int/CRP 23.3 DME and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95







FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D	E
S-31	360-½ 316 (400-½)			360- ¾	316 (400-¾)
CIRCLING	520-1 476 (500-1)		640-1½ 596 (600-1½)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7508
CH 97515	129°	TDZE	43
W13A		Apt Elev	44

RNAV (GPS) RWY 13

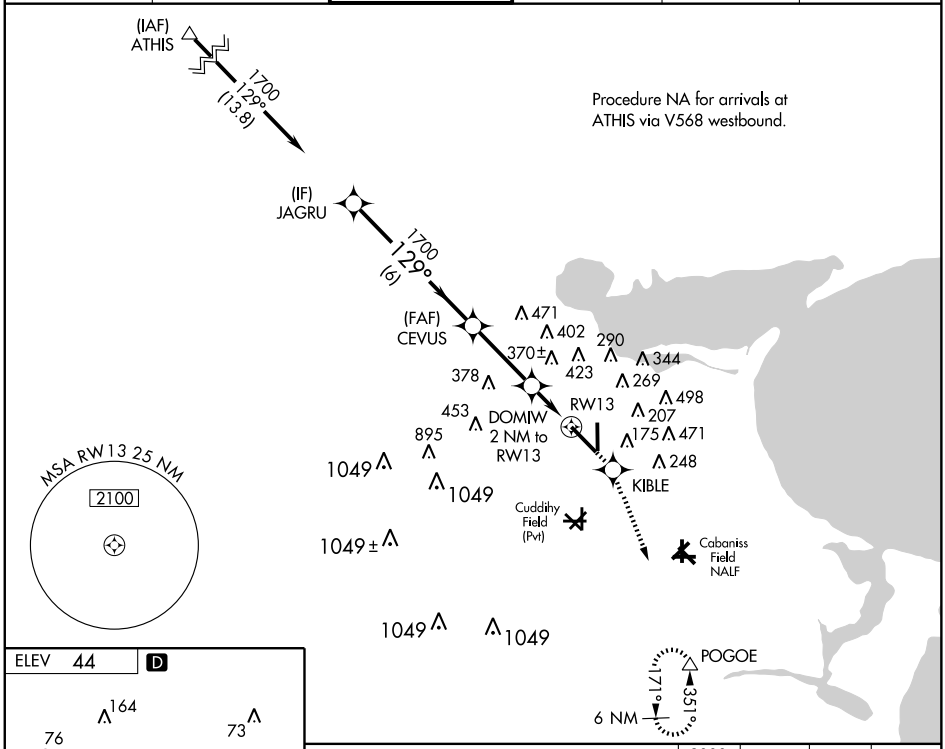
CORPUS CHRISTI INTL (CRP)

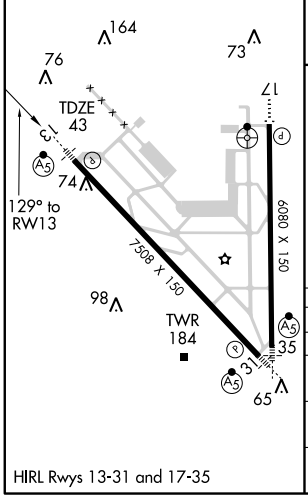
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. For inoperative MALSR increase LPV Cat E visibility ¼ mile, LNAV/VNAV and LNAV Cat E visibility ½ mile.

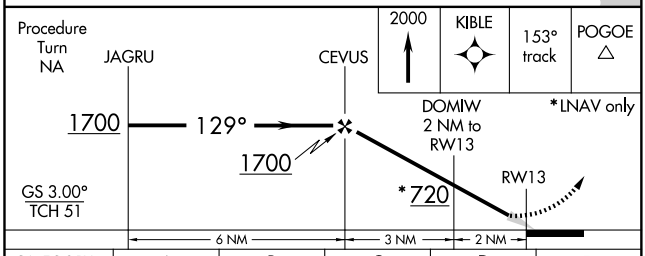
MALSR

MISSED APPROACH: Climb to 2000 direct KIBLE and via track 153° to POGOE and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95







CATEGORY	A	B	C	D	E
LPV DA	243/24 200 (200-½)				
LNAV/VNAV DA	480/50 437 (500-1)				
LNAV MDA	660/24 617 (700-½)		660/60 617 (700-1¼)	660-1½ 617 (700-1½)	660-1¾ 617 (700-1¾)
CIRCLING	660-1 616 (700-1)		660-1¾ 616 (700-1¾)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6081
172°	TDZE	42
	Apt Elev	44

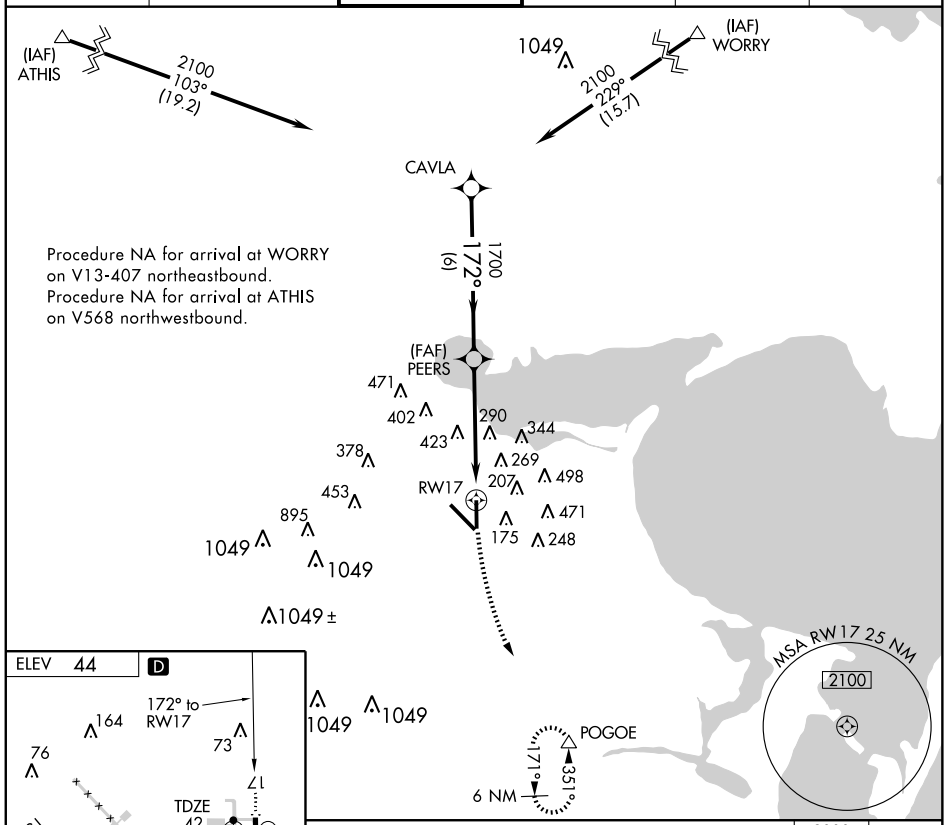
RNAV (GPS) RWY 17
CORPUS CHRISTI INTL (CRP)

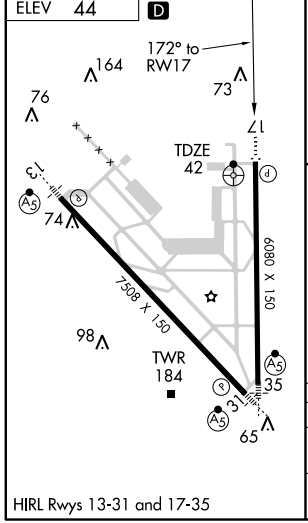
Inoperative table does not apply to Cat C.
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

ODALS

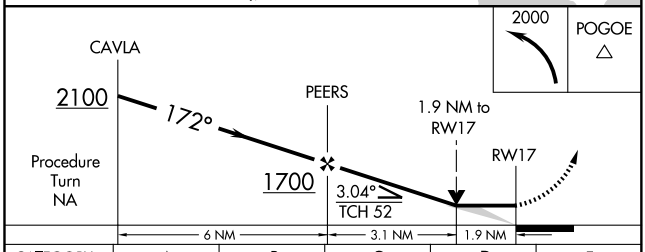
MISSED APPROACH: Climbing left turn to 2000 direct POGOE and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95





HIRL Rwys 13-31 and 17-35



CATEGORY	A	B	C	D	E
LNAV MDA	680-¾	638 (700-¾)	680-1¾ 638 (700-1¾)	680-2 638 (700-2)	680-2¼ 638 (700-2¼)
CIRCLING	680-1	636 (700-1)	680-1¾ 636 (700-1¾)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 60914 W31A	APP CRS 309°	Rwy Idg 7508 TDZE 44 Apt Elev 44

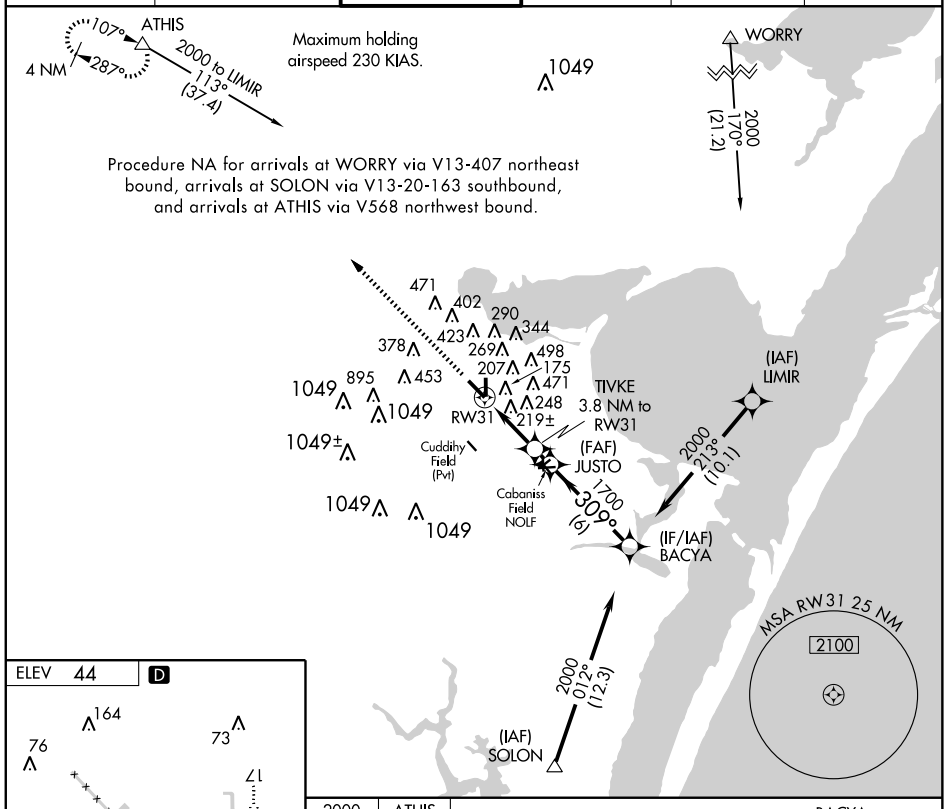
RNAV (GPS) RWY 31
CORPUS CHRISTI INTL (CRP)

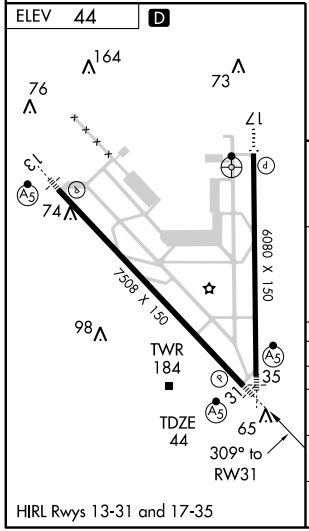
V A W For inoperative MALSR, increase LPV Cat. E visibility to ¾, LNAV/VNAV Cat. E visibility to 1½, and LNAV Cat. E visibility to 1¾. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (120°F). DME/DME RNP-0.3 NA.

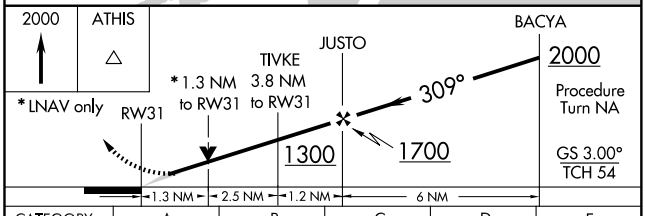
MALSR (A5)

MISSED APPROACH: Climb to 2000 direct ATHIS and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95







CATEGORY	A	B	C	D	E
LPV DA	294-½ 250 (300-½)				
LNAV/VNAV DA	450-1 406 (500-1)				
LNAV MDA	520-½ 476 (500-½)		520-¾ 476 (500-¾)	520-1 476 (500-1)	520-1¼ 476 (500-1¼)
CIRCLING	520-1 476 (500-1)		640-1½ 596 (600-1½)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6081
352°	TDZE	40
	Apt Elev	44

RNAV (GPS) RWY 35

CORPUS CHRISTI INTL (CRP)

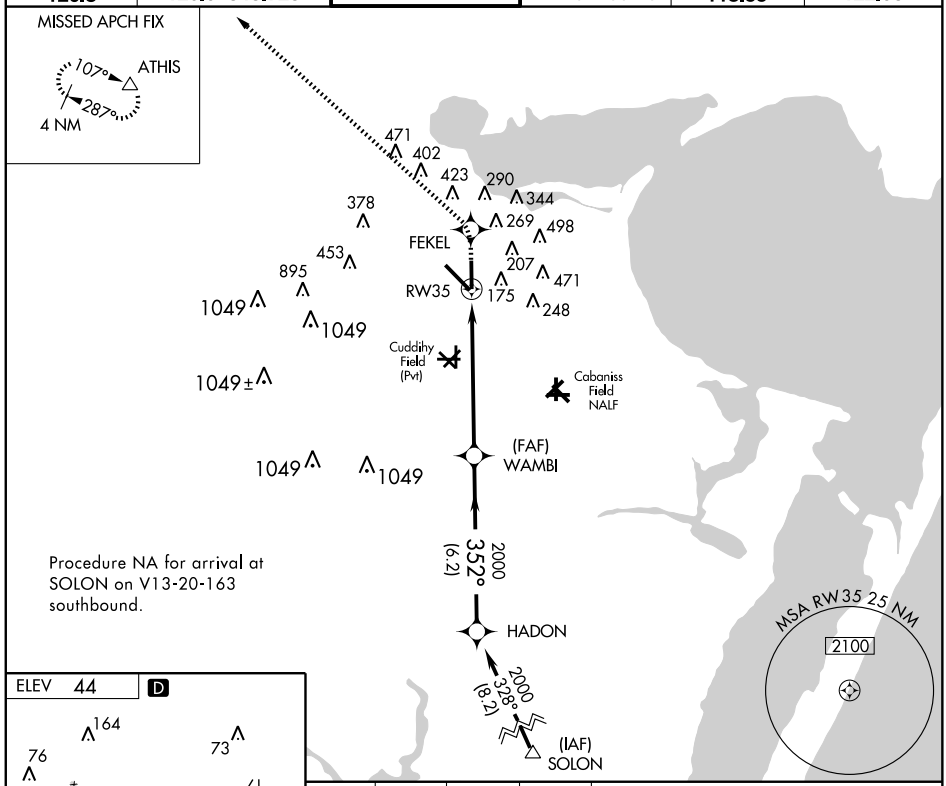
T A NA W — For inoperative MALSR, increase LNAV Cat. D visibility to 6000. Baro-VNAV NA below -15°C (5°F). GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

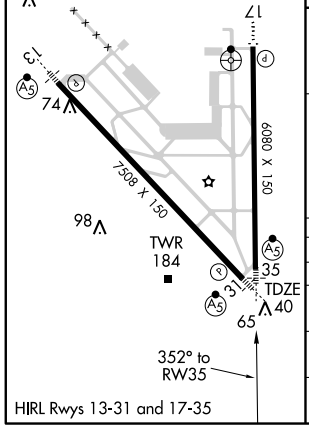
MALSR (A5)

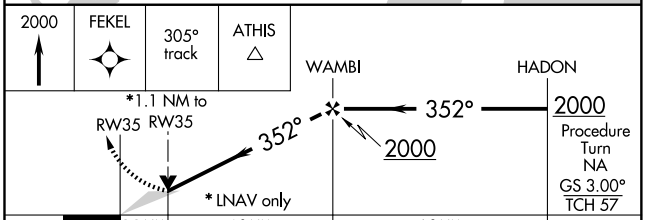
MISSED APPROACH: Climb to 2000 direct FEKEL via 305° track to ATHIS and hold.

ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95

MISSED APCH FIX







CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	440/40 400 (400-¾)				
LNAV MDA	440/24 400 (400-½)			440/50 400 (400-1)	
CIRCLING	500-1¼ 456 (500-1¼)	520-1¼ 476 (500-1¼)	580-1½ 536 (600-1½)	740-2¼ 696 (700-2¼)	860-3 816 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CRP 115.5 Chan 102	APP CRS 191°	Rwy Idg 6081 TDZE 42 Apt Elev 43

VOR or TACAN RWY 17

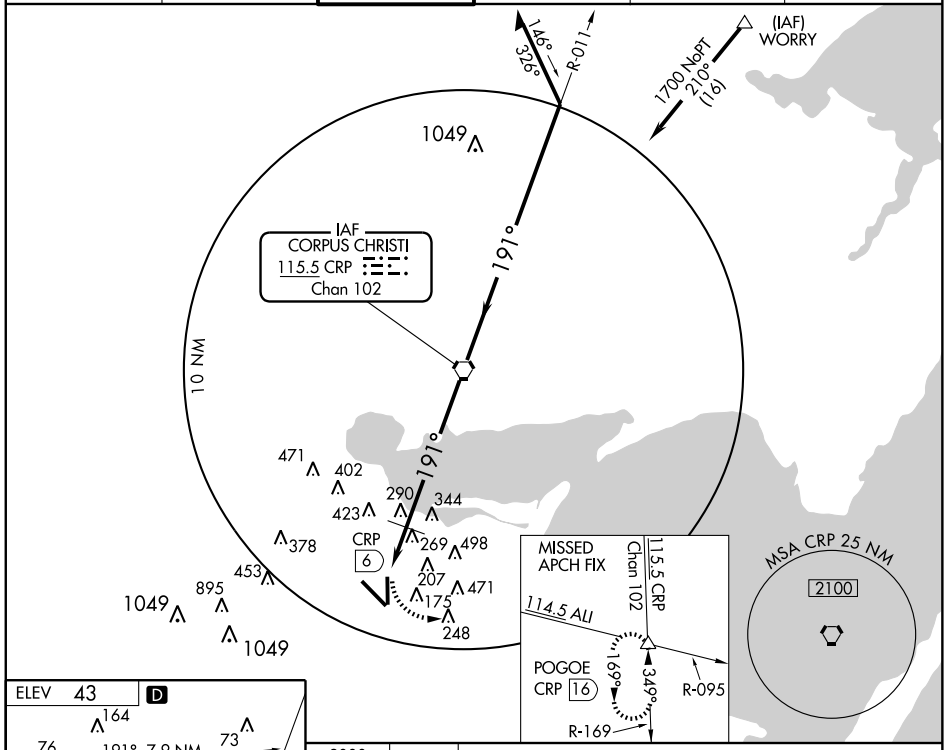
CORPUS CHRISTI INTL (CRP)

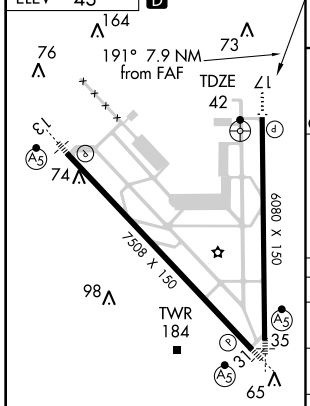
Inoperative table does not apply to Cat. C.

ODALS

MISSED APPROACH: Climbing left turn to 2000 via CRP R-169 to POGOE Int/16 DME and hold.

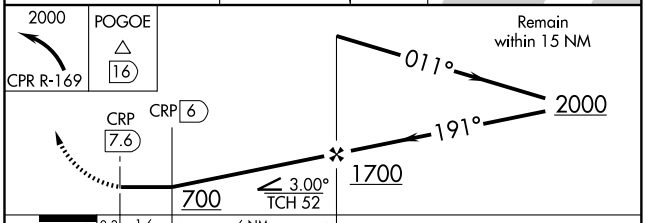
ATIS	CORPUS APP CON	CORPUS TOWER	GND CON	CLNC DEL	UNICOM
126.8	120.9 348.725	119.4 257.8	121.9 269.15	118.55	122.95





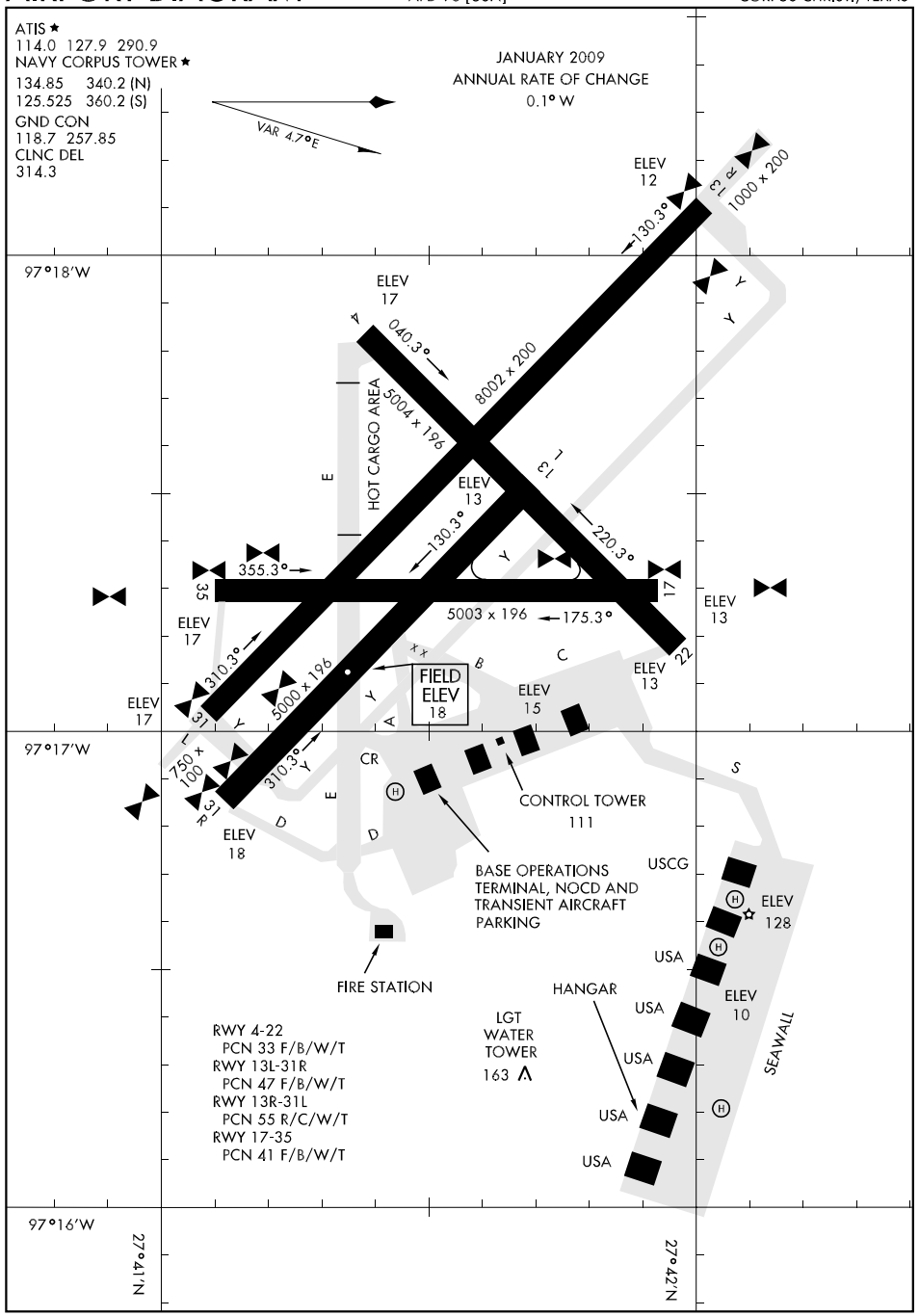
HIRL Rwys 13-31 and 17-35

FAF to MAP 7.6 NM					
Knots	60	90	120	150	180
Min:Sec	7:36	5:04	3:48	3:02	2:32



CATEGORY	A	B	C	D	E
S-17	700-¾	658 (700-¾)	700-1¾ 658 (700-1¾)	700-2 658 (700-2)	700-2¼ 658 (700-2¼)
CIRCLING	700-1	657 (700-1)	700-1¾ 657 (700-1¾)	740-2¼ 697 (700-2¼)	860-3 817 (900-3)
DME MINIMUMS					
S-17	600-¾	558 (600-¾)	600-1½ 558 (600-1½)	600-1¾ 558 (600-1¾)	600-2 558 (600-2)
CIRCLING	600-1	557 (600-1)	600-1½ 557 (600-1½)	740-2¼ 697 (700-2¼)	860-3 817 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010



SC-3, 17 DEC 2009 to 14 JAN 2010

HI-TACAN RWY 13R

TACAN	APCH CRS	Rwy ldg	8002
NGP Chan 87	143°	TDZE	13
		Arpt Elev	18

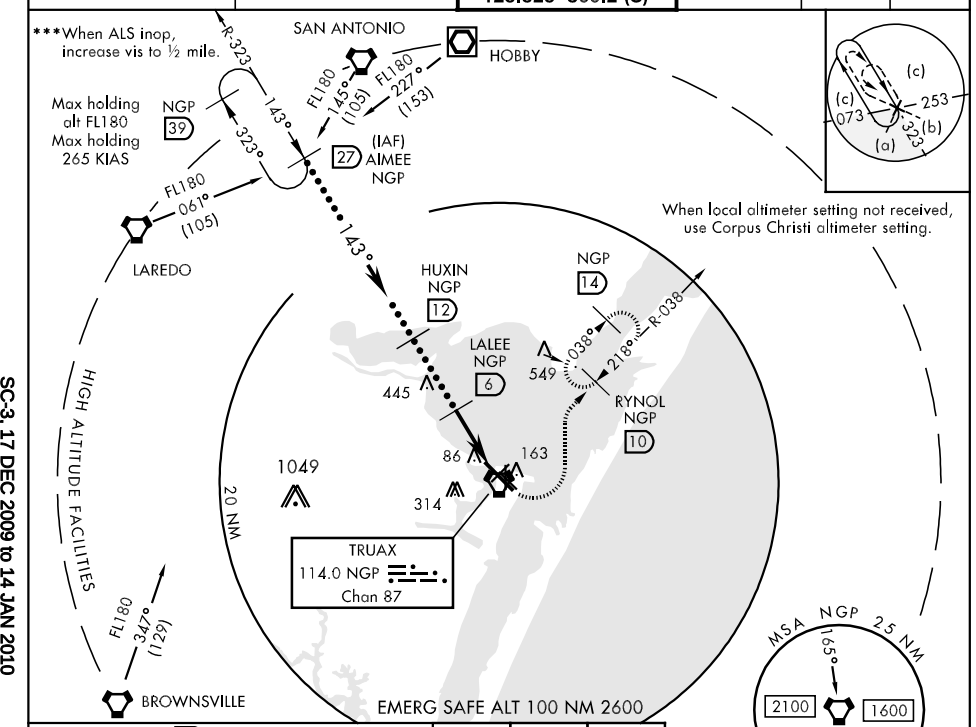
JAL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

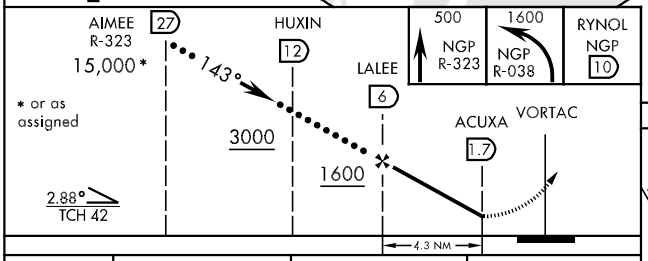
▼ * When ALS inop, increase CAT CD vis to 1 mile, CAT E to 1¼ miles.
** When ALS inop, increase CAT C vis to 1 mile, CAT DE to 1¼ miles.

SALSF

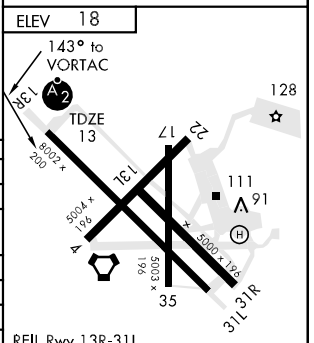
MISSED APPROACH: Climb to 500 via NGP VORTAC R-323, then climbing left turn to 1600 via NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	





CATEGORY	C	D	E
S-13R *	340- ¾ 327 (400-¾)		340-1 327 (400-1)
CIRCLING	480-1½ 462 (500-1½)	580-2 562 (600-2)	620-2¼ 602 (700-2¼)
S-PAR 13R***	113-¼ 100 (100-¼) GS 3.00°		
CORPUS CHRISTI ALTIMETER SETTING			
S-13R **	380-¾ 367 (400-¾)	380-1 367 (400-1)	
CIRCLING	500-1½ 482 (500-1½)	580-2 562 (600-2)	660-2¼ 642 (700-2¼)



HI-TACAN RWY 31L

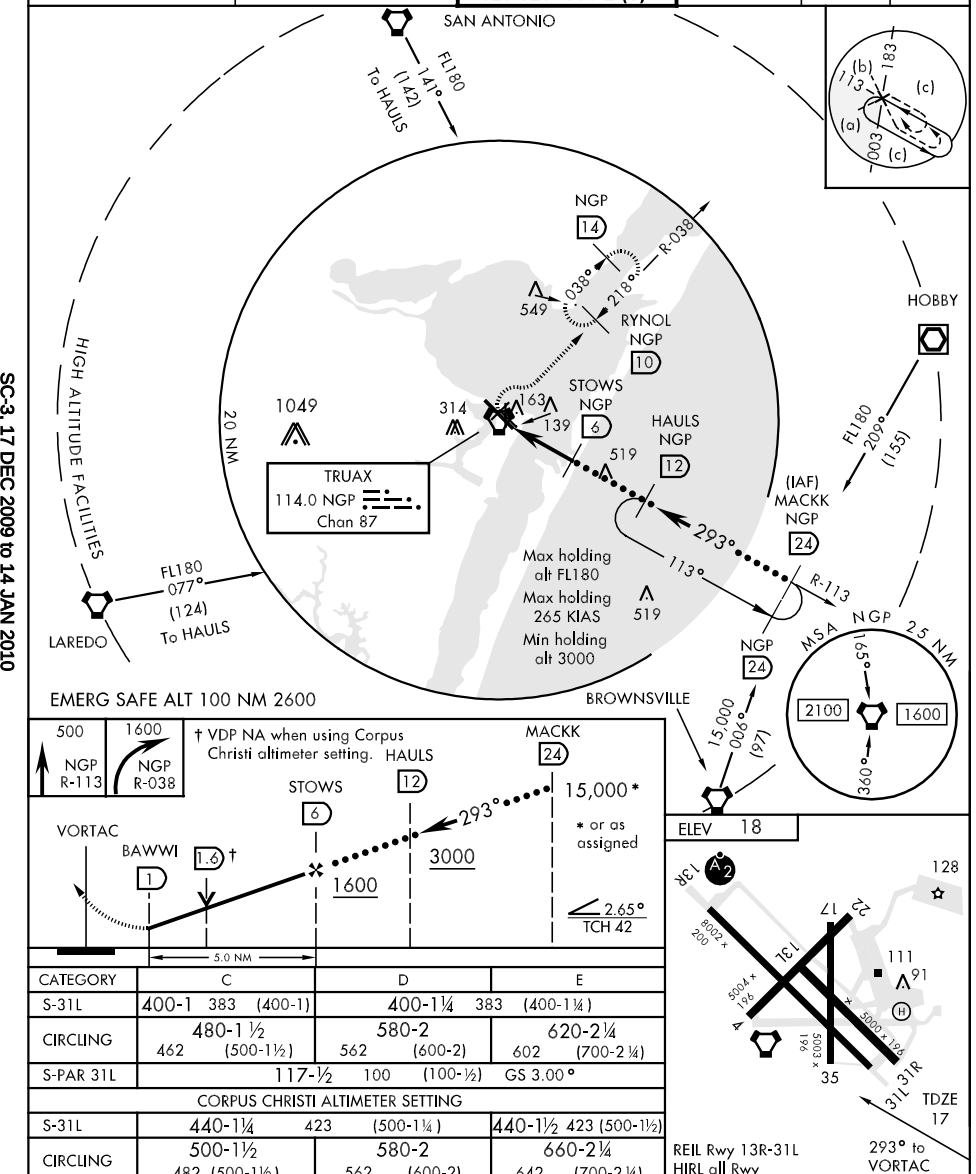
TACAN	APCH CRS	Rwy ldg	8002
NGP Chan 87	293°	TDZE	17
		Arpt Elev	18

JAL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received, use Corpus Christi altimerer setting.

MISSED APPROACH: Climb to 500 via NGP VORTAC R-113, then climbing right turn to 1600, intercept NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	



CATEGORY	C	D	E
S-31L	400-1 383 (400-1)	400-1¼ 383 (400-1¼)	
CIRCLING	480-1 ½ 462 (500-1½)	580-2 562 (600-2)	620-2¼ 602 (700-2 ¼)
S-PAR 31L	117-½ 100 (100-½) GS 3.00°		
CORPUS CHRISTI ALTIMETER SETTING			
S-31L	440-1¼ 423 (500-1¼)		440-1½ 423 (500-1½)
CIRCLING	500-1½ 482 (500-1½)	580-2 562 (600-2)	660-2¼ 642 (700-2 ¼)

REIL Rwy 13R-31L
HIRL all Rwy

ILS Y or RNAV (GPS) RWY 13R

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

LOC I-NGP	APCH CRS	Rwy ldg / TDZE / Arpt Elev
111.3	129°	8002 / 13 / 18

▼ ** When ALS inop, increase CAT AB vis to ¾ mile.
*** When ALS inop, increase CAT ABCD vis to 1 mile.
**** When ALS inop, increase CAT CD vis to 1 mile.

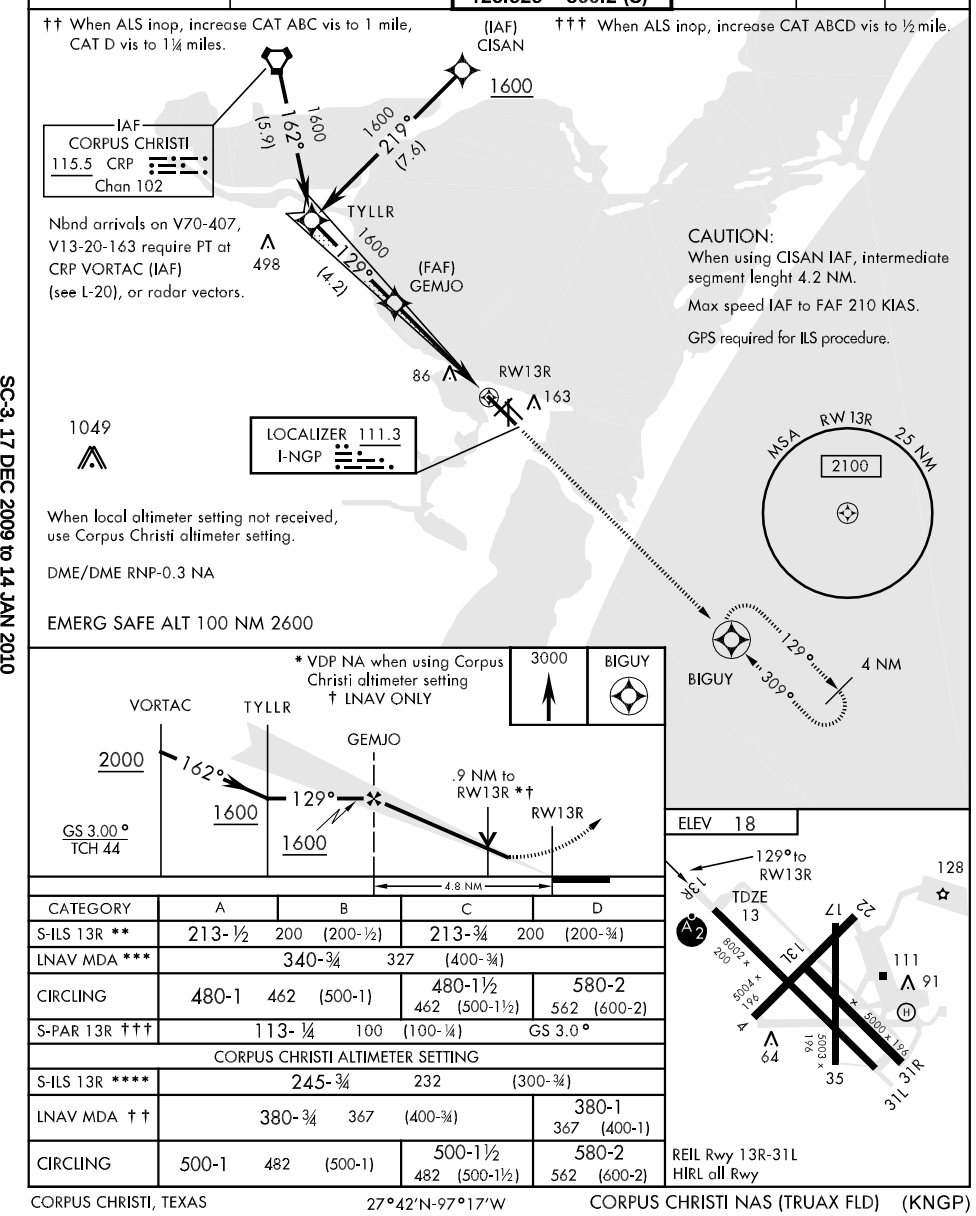
SALSF

MISSED APPROACH: Climb to 3000, direct BIGUY and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

†† When ALS inop, increase CAT ABC vis to 1 mile, CAT D vis to 1¼ miles.

††† When ALS inop, increase CAT ABCD vis to ½ mile.



CATEGORY	A	B	C	D
S-ILS 13R **	213-½ 200 (200-½)		213-¾ 200 (200-¾)	
LNAV MDA ***	340-¾ 327 (400-¾)			
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 13R †††	113-¼ 100 (100-¼) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
S-ILS 13R ****	245-¾ 232 (300-¾)			
LNAV MDA ††	380-¾ 367 (400-¾)			380-1 367 (400-1)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

ILS Z or LOC/DME RWY 13R

LOC I-NGP	APCH CRS	Rwy ldg	8002
111.3	129°	TDZE	13
		Arpt Elev	18

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

* When ALS inop, increase CAT AB vis to ¾ mile.
** When ALS inop, increase vis to 1 mile.
*** When ALS inop, increase CAT ABC vis to 1 mile, CAT D vis to 1¼ miles.

SALSF

MISSED APPROACH: Climb to 3000, intercept NGP VORTAC R-127 to BIGUY and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

† When ALS inop, increase vis to ½ mile.

DME REQUIRED

IAF CORPUS CHRISTI 115.5 CRP Chan 102

N bound arrivals on V70-407, V13-20-163 require PT at CRP VORTAC (IAF) (see L-20), or radar vectors.

NGP 14

R-038

R-162

309°

162° (15.9)

1600

NGP 10 Arc

549

038°

218°

Max holding alt 6000
Max holding 230 KIAS

CAUTION:
Aircraft intercepting LOC course from 10 DME Arc, intermediate segment lenght 4.3 NM.

498

LR-323

129°

(IAF) RYNOL
1600 NGP 10

TYLLR NGP 9.9

GEMJO NGP 5.6

67

163

LOCALIZER 111.3 I-NGP

TRUAX 114.0 NGP Chan 87

226

10 NM

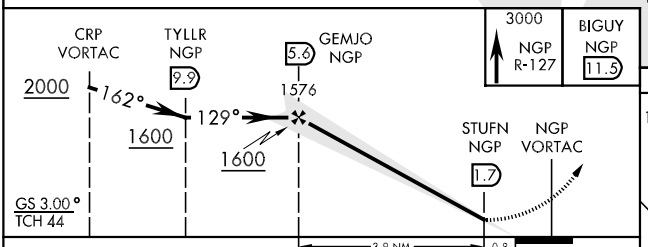
1049

When local altimeter setting not received, use Corpus Christi altimeter setting.

BIGUY NGP 11.5

MSA NGP 25 NM
165°
2100
1600
360°

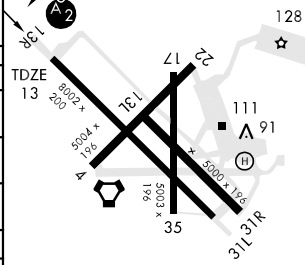
EMERG SAFE ALT 100 NM 2600



3000 NGP R-127 | BIGUY NGP 11.5

ELEV 18

129° 4.7 NM from FAF



REIL Rwy 13R-31L
HIRL all Rwy

CATEGORY	A	B	C	D
S-ILS 13R *	213- ½ 200 (200-½)		213- ¾ 200 (200-¾)	
S-LOC/DME 13R**	320-¾ 307 (400-¾)			
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 13R†	113- ¼ 100 (100-¼) GS 3.0°			

CORPUS CHRISTI ALTIMETER SETTING

S-ILS 13R **	245- ¾ 232 (300-¾)		
S-LOC/DME 13R ***	360- ¾ 347 (400-¾)		360-1 347 (400-1)
CIRCLING	500-1 482 (500-1)	500-1½ 482 (500-1½)	580-2 562 (600-2)

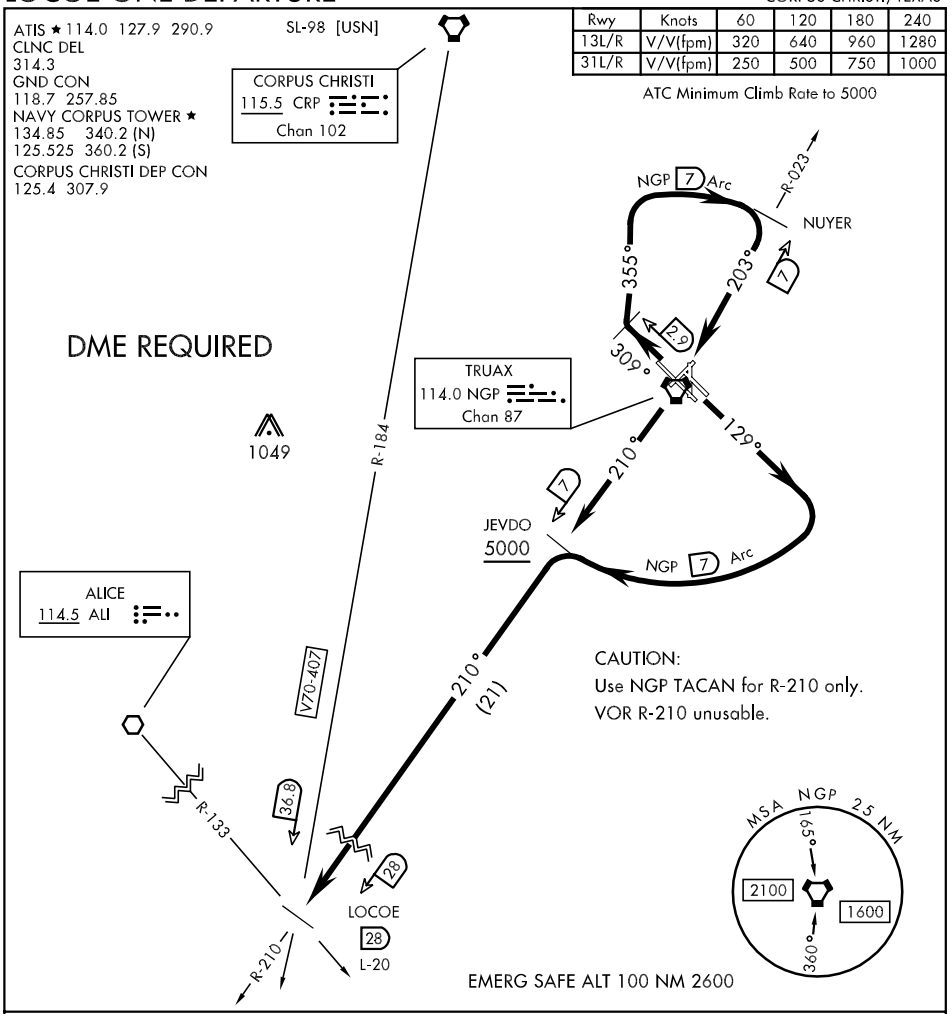
FAF to MAP 3.9 NM

Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

ILS Z or LOC/DME RWY 13R

LOCOE ONE DEPARTURE (LOCOE1 • LOCOE)

CORPUS CHRISTI, TEXAS



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 13L/R: Climb via heading 129° to intercept NGP VORTAC 7 DME arc. Arc CW South of NGP via 7 DME arc to JEVDO, NGP R-210/7 DME. Cross JEVDO at or above 5000. Thence....

TAKE-OFF RWY 31L/R: Climb via heading 309° to NGP VORTAC 2.9 DME, then climbing right turn via heading 355° to intercept NGP 7 DME arc. Arc CW North of NGP via 7 DME arc to NUYER, NGP R-023/7 DME. Then via R-023 to NGP and R-210 to JEVDO, NGP R-210/7 DME. Cross JEVDO at above 5000. Thence....

THENCE.... from JEVDO via NGP R-210 to LOCOE. Then via assigned route. Expect clearance to filed altitude/flight level 10 minutes after departure.

LOCOE ONE DEPARTURE (LOCOE1 • LOCOE)

CORPUS CHRISTI, TEXAS

RNAV (GPS) RWY 4

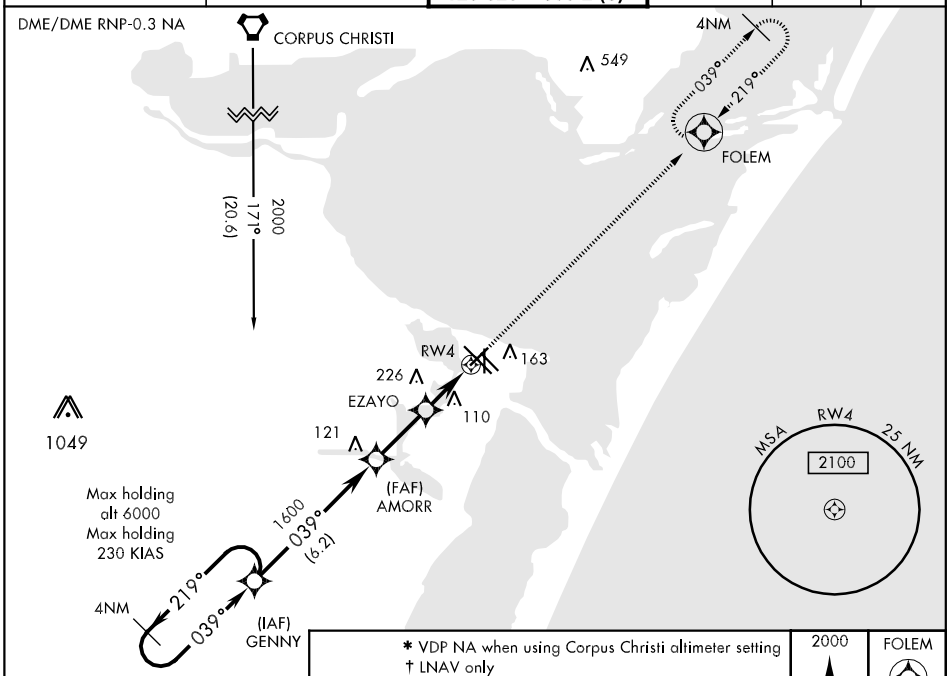
APCH CRS	Rwy ldg	5004
039°	TDZE	17
	Arpt Elev	18

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

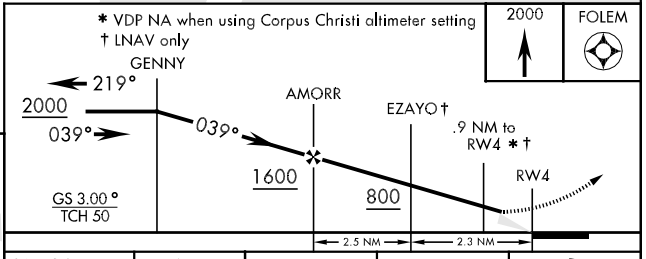
When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climb to 2000 direct FOLEM and hold.

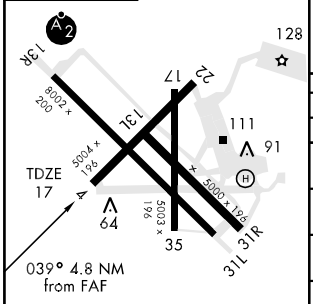
ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	



EMERG SAFE ALT 100 NM 2600



ELEV 18



REIL Rwy 13R-31L
HIRL all Rwy

CATEGORY	A	B	C	D
LNAV/VNAV DA	280-1 263 (300-1)			
LNAV MDA	360-1 343 (400-1)			360-1¼ 343 (400-1¼)
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-ASR-4	480-1 463 (500-1)	480-1¼ 463 (500-1¼)	480-1½ 463 (500-1½)	480-2 463 (500-2)
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	400-1 383 (400-1)			400-1¼ 383 (400-1¼)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

RNAV (GPS) RWY 13L

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

APCH CRS	Rwy ldg	5000
129°	TDZE	18
	Arpt Elev	18

When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climb to 3000 direct BIGUY and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

Nbnd arrivals on V70-407, V13-20-163 require PT at CRP VORTAC (see L-20), or radar vectors.

IAF CORPUS CHRISTI
115.5 CRP
Chan 102

CAUTION: Max 230 KIAS from CRP to RULKE

1600
163°
(5.5)

STURT

498

1600
129°
(5.2)

(FAF)
RULKE

DME/DME RNP-0.3 NA

RW13L

163

226

1049

MSA
RW 13L
25 NM
2100

EMERG SAFE ALT 100 NM 2600

* VDP NA when using Corpus Christi altimeter setting. † LNAV only

3000

BIGUY

129°
309°
4 NM
BIGUY

CRP VORTAC
2000
163°
1600
STURT
129°
1600
RULKE
.9 NM to RW13L*†
RW13L
GS 3.00°
TCH 50
4.8 NM

ELEV 18
129° 4.8 NM from FAF
TDZE 18
13R
13L
17
22
31R
31L
35
64
91
111
128
8002 x 200
5004 x 198
5000 x 196
5003 x 196

CATEGORY	A	B	C	D
LNAV/VNAV DA	340-1¼ 322 (400-1¼)			
LNAV MDA	360-1 342 (400-1)			360-1¼ 342 (400-1¼)
CIRCLING	480-1¼ 462 (500-1¼)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-ASR 13L	400-1 382 (400-1)	400-1¼ 382 (400-1¼)	400-1½ 382 (400-1½)	400-2 382 (400-2)
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	380-1 362 (400-1)			380-1¼ 362 (400-1¼)
CIRCLING	500-1¼ 482 (500-1¼)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

RNAV (GPS) RWY 17

APCH CRS	Rwy ldg	5003
174°	TDZE	18
	Arpt Elev	18

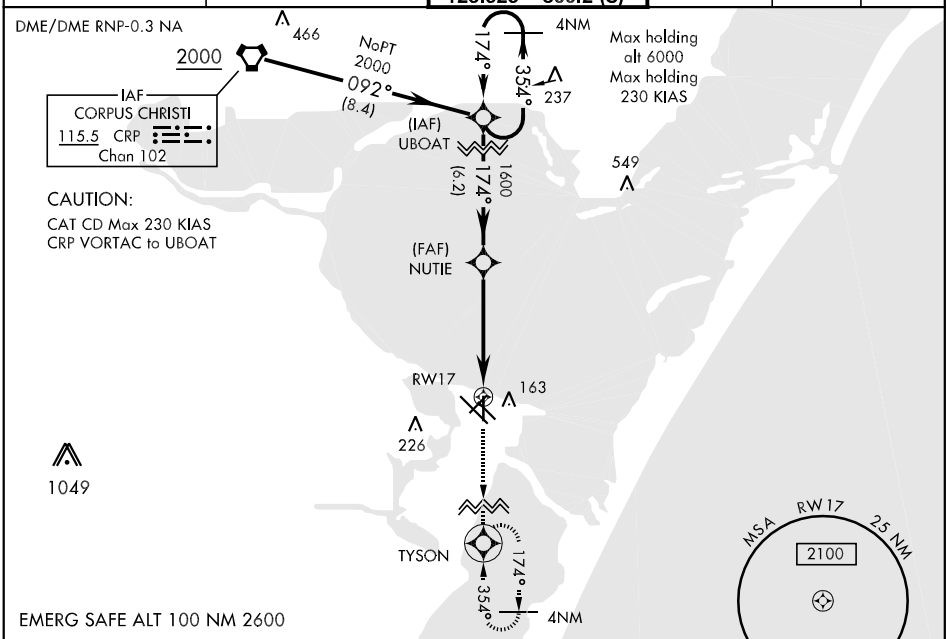
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

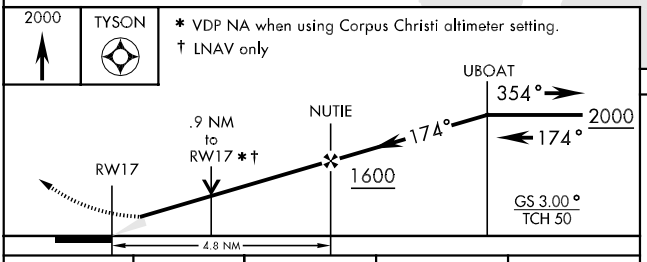
When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F).
Baro VNAV NA when local altimeter not available.

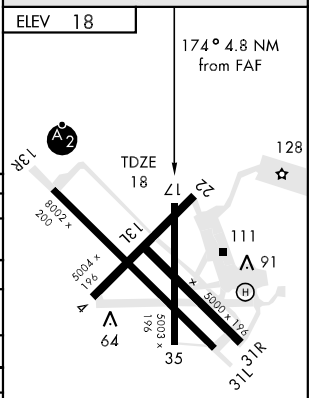
MISSED APPROACH: Climb to 2000 direct TYSON and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

DME/DME RNP-0.3 NA







CATEGORY	A	B	C	D
LNAV MDA	340-1 322 (400-1)			
LNAV/VNAV DA	340-1¼ 322 (400-1¼)			
CIRCLING	480-1¼ 462 (500-1¼)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR-17	118-½ 100 (100-½) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	360-1 342 (400-1)			360-1¼ 342 (400-1¼)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 22

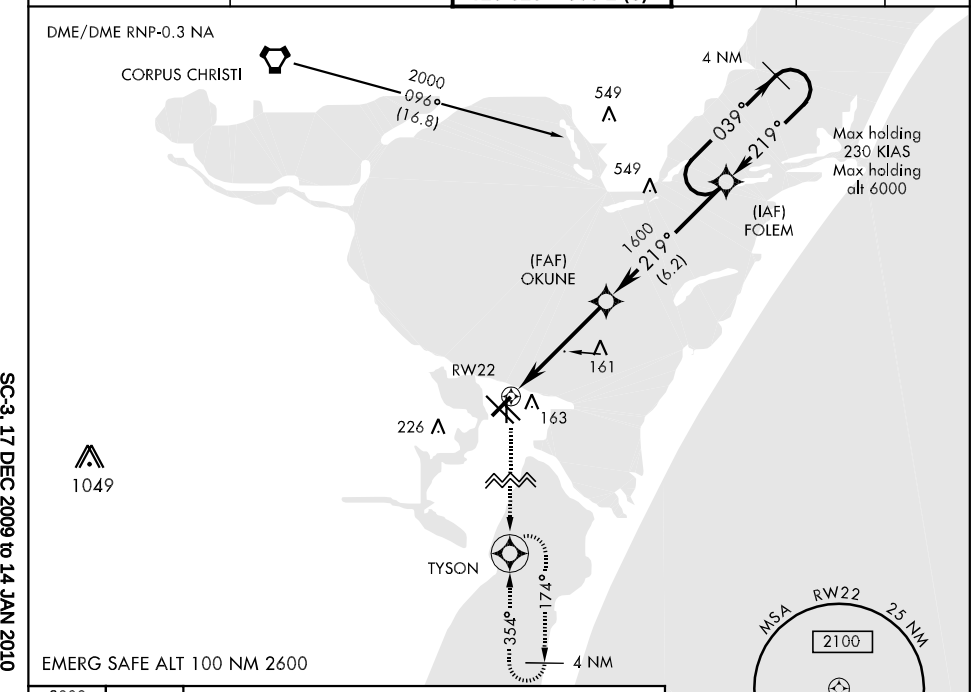
APCH CRS	Rwy ldg	5004
219°	TDZE	15
	Arpt Elev	18

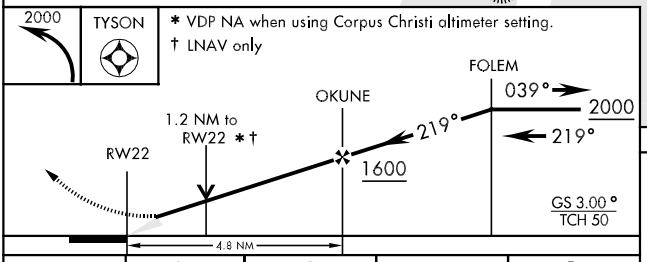
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

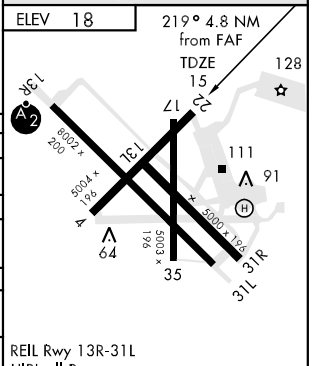
When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climbing left turn to 2000 direct TYSON and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
LNAV/VNAV DA	340-1¼	325 (400-1¼)		
LNAV MDA	420-1 405 (500-1)		420-1¼ 405 (500-1¼)	
CIRCLING	480-1¼ 462 (500-1¼)		480-1½ 462 (500-1½)	580-2 562 (600-2)
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	460-1 445 (500-1)		460-1¼ 445 (500-1¼)	460-1½ 445 (500-1½)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

RNAV (GPS) RWY 31L

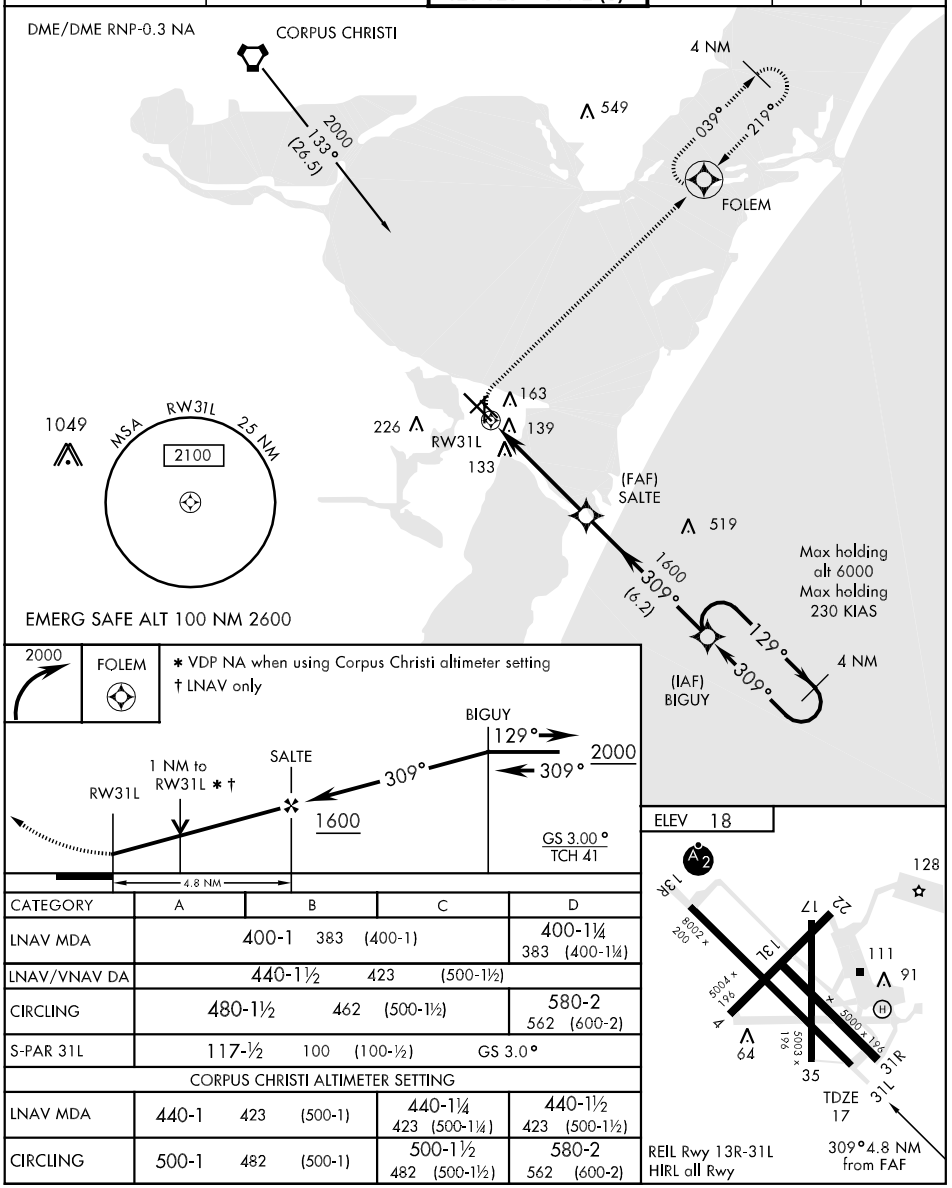
APCH CRS	Rwy ldg	8002
309°	TDZE	17
	Arpt Elev	18

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climbing right turn to 2000 direct FOLEM and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	



CATEGORY	A	B	C	D
LNAV MDA	400-1 383 (400-1)			400-1¼ 383 (400-1¼)
LNAV/VNAV DA	440-1½ 423 (500-1½)			
CIRCLING	480-1½ 462 (500-1½)			580-2 562 (600-2)
S-PAR 31L	117-½ 100 (100-½) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	440-1 423 (500-1)		440-1¼ 423 (500-1¼)	440-1½ 423 (500-1½)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 31R

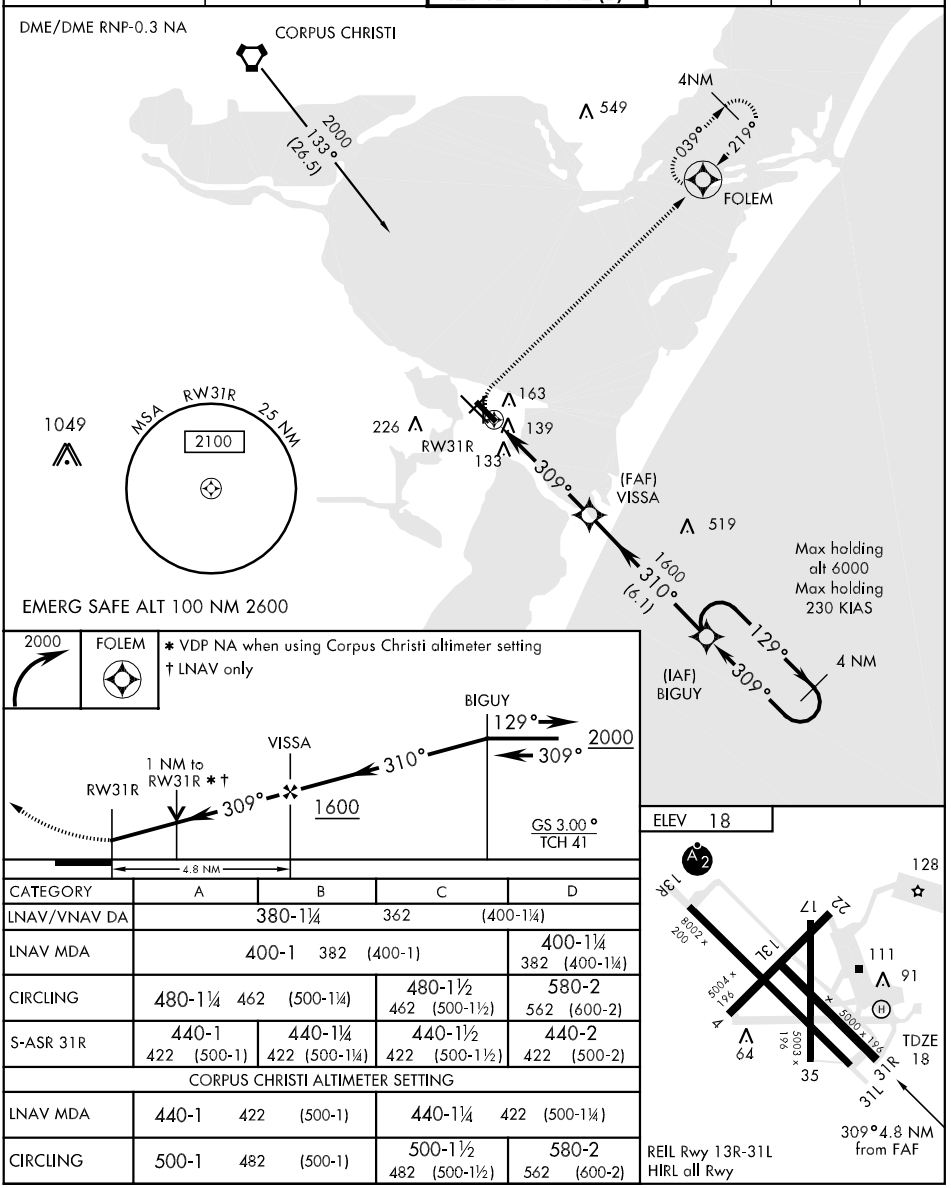
APCH CRS	Rwy ldg	5000
309°	TDZE	18
	Arpt Elev	18

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climbing right turn to 2000 direct FOLEM and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	



CATEGORY	A	B	C	D
LNAV/VNAV DA	380-1¼ 362 (400-1¼)			
LNAV MDA	400-1 382 (400-1)			400-1¼ 382 (400-1¼)
CIRCLING	480-1¼ 462 (500-1¼)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-ASR 31R	440-1 422 (500-1)	440-1¼ 422 (500-1¼)	440-1½ 422 (500-1½)	440-2 422 (500-2)
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	440-1 422 (500-1)		440-1¼ 422 (500-1¼)	
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

RNAV (GPS) RWY 35

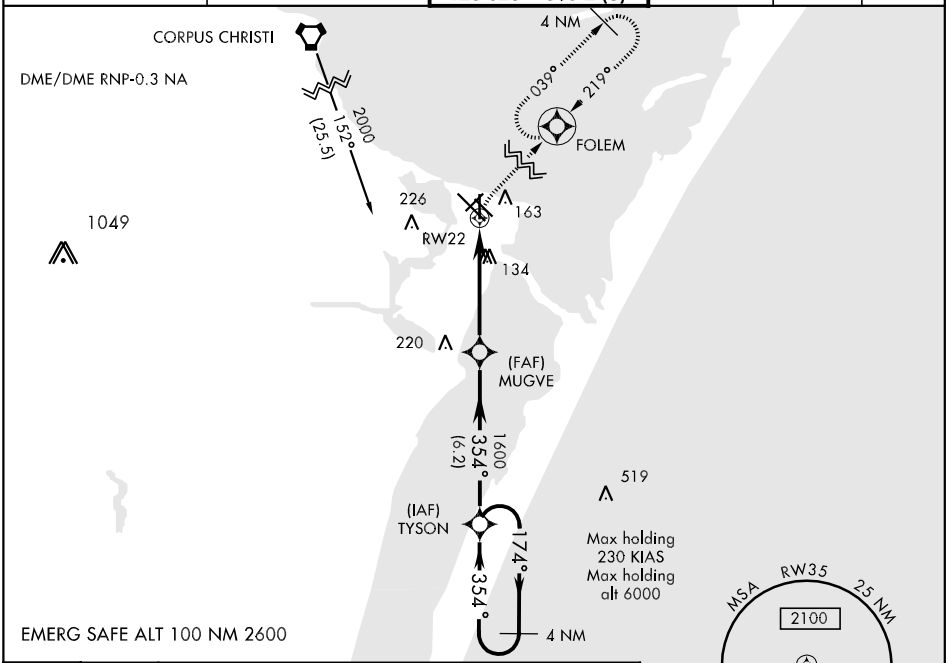
APCH CRS	Rwy ldg	5003
354°	TDZE	18
	Arpt Elev	18

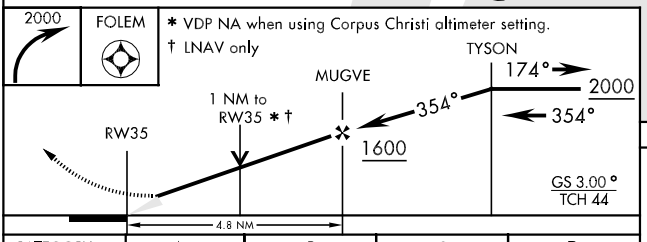
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

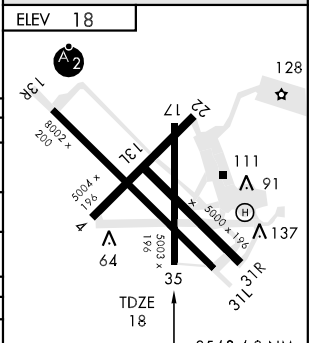
When local altimeter setting not received, use Corpus Christi altimeter setting.
Baro VNAV NA below -15°C (5°F) and above 42°C (108°F)
Baro VNAV NA when local altimeter not available.

MISSED APPROACH: Climbing right turn to 2000 direct FOLEM and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
LNAV MDA	400-1 382 (400-1)			400-1¼ 382 (400-1¼)
LNAV/VNAV DA	400-1¼ 382 (400-1¼)			
CIRCLING	480-1¼ 462 (500-1¼)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 35	118-½ 100 (100-½)			
CORPUS CHRISTI ALTIMETER SETTING				
LNAV MDA	420-1 402 (500-1)		420-1¼ 402 (500-1¼)	
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

VOR/DME or TACAN RWY 17

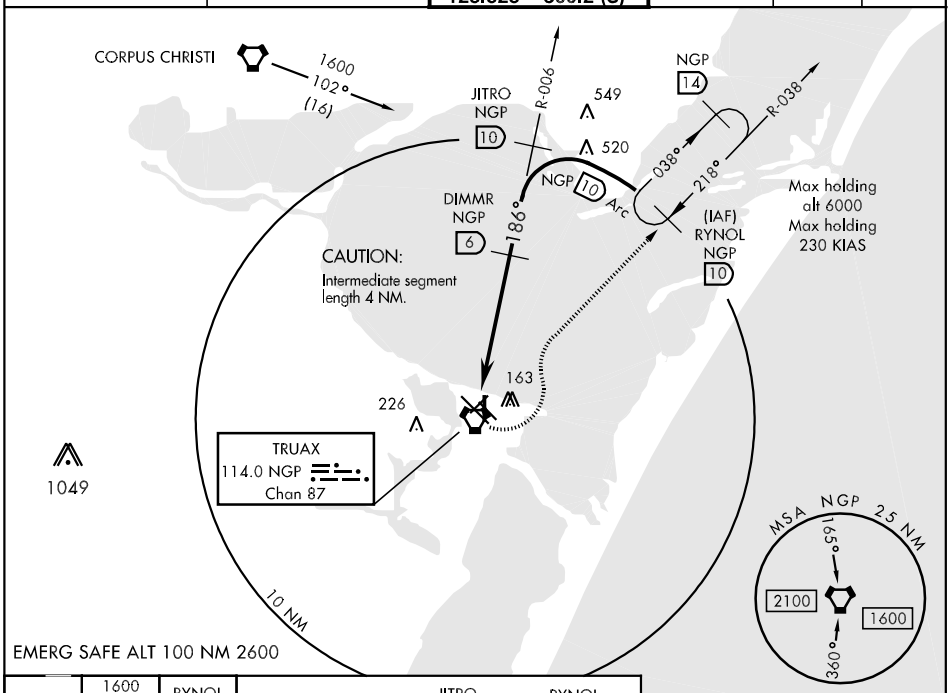
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

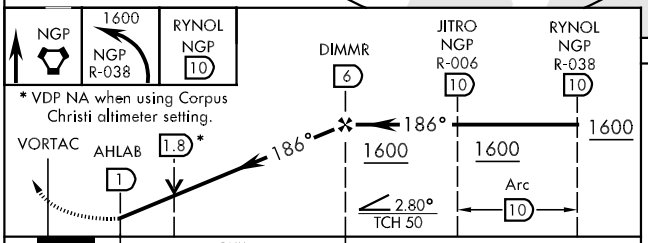
VORTAC NGP 114.0 Chan 87	APCH CRS 186°	Rwy ldg 5003 TDZE 18 Arpt Elev 18

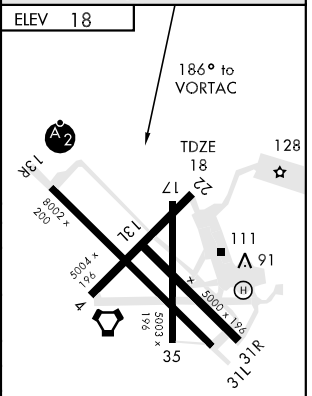
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to NGP VORTAC via R-006, then climbing left turn to 1600 via NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
S-17	380-1 362 (400-1)			380-1¼ 362 (400-1¼)
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 17	118-½ 100 (100-½) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
S-17	420-1 402 (500-1)			420-1¼ 402 (500-1¼)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

VOR/DME or TACAN RWY 35

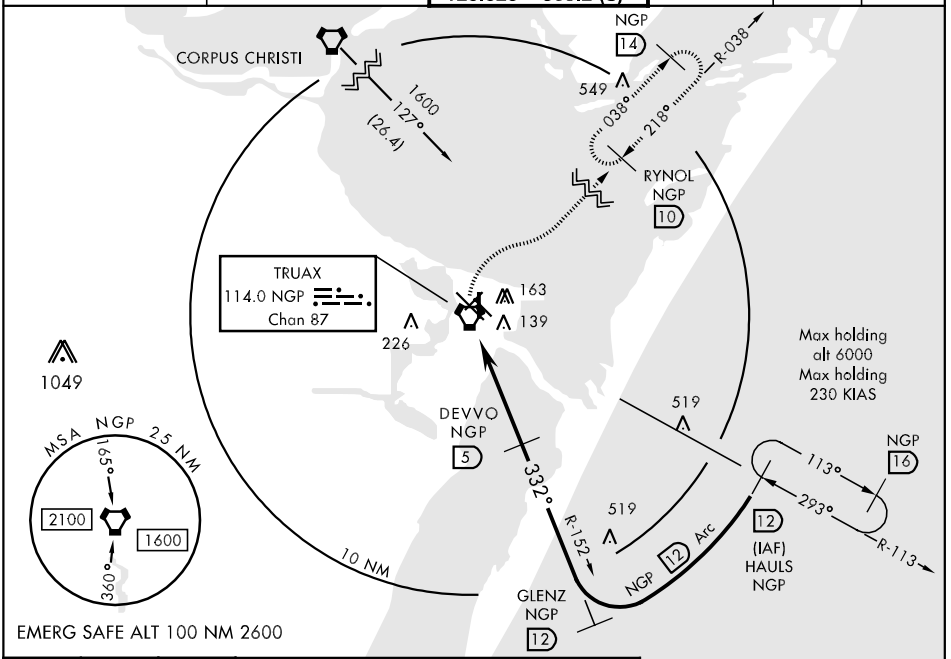
VORTAC NGP	APCH CRS	Rwy ldg	5003
114.0	332°	TDZE	18
Chan 87		Arpt Elev	18

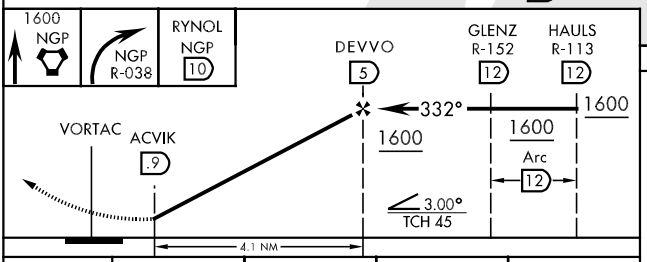
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

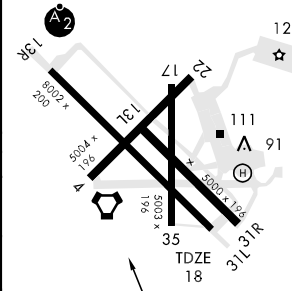
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to NGP VORTAC via R-152, then climbing right turn to 1600 via NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
S-35	400-1 382 (400-1)			400-1¼ 382 (400-1¼)
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 35	118-½ 100 (100-½) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
S-35	440-1 422 (500-1)		440-1¼ 422 (500-1¼)	
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

VOR/DME X RWY 31L

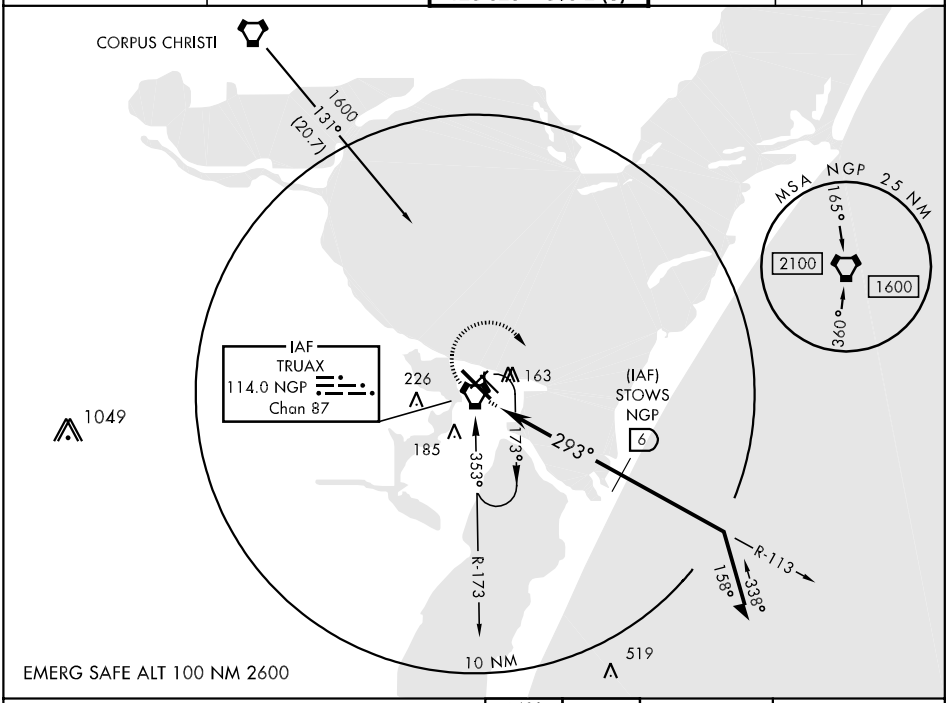
VORTAC NGP	APCH CRS	Rwy ldg	8002
114.0	293°	TDZE	17
Chan 87		Arpt Elev	18

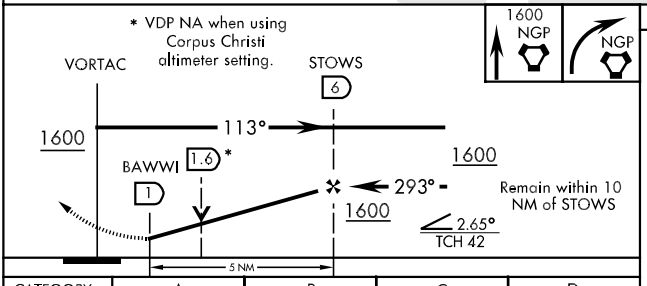
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

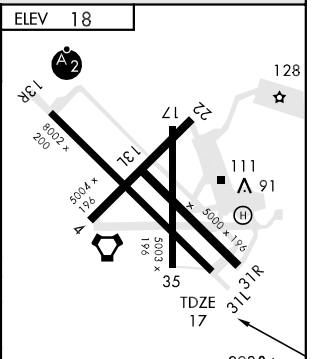
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to NGP VORTAC via R-113, then climbing right turn to1600 direct NGP VORTAC and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
S-31L	400-1	383 (400-1)		400-1¼ 383 (400-1¼)
CIRCLING	480-1	462 (500-1)	480-1½ 462 (500-1½)	580-2 562 (600-2)
CORPUS CHRISTI ALTIMETER SETTING				
S-31L	440-1	423 (500-1)	440-1¼ 423 (500-1¼)	
CIRCLING	500-1	482 (500-1)	500-1½ 482 (500-1½)	580-2 562 (600-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME Y or TACAN Y RWY 13R

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

VORTAC CRP 115.5 Chan 102	APCH CRS 139°	Rwy ldg 8002 TDZE 13 Arpt Elev 18

*When ALS inop, increase CAT ABC vis to 1 mile, CAT D to 1¼ mile.
**When ALS inop, increase vis to ½ mile.

SALSF

MISSED APPROACH: Climb to 1600 via CRP R-138 to VICCC and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

When local altimeter setting not received, use Corpus Christi altimeter setting.

IAF CORPUS CHRISTI 115.5 CRP Chan 102

JAGTO CRP 3

R-139 206

Nbnd arrivals on V70-407, V13-20-163 require PT at CRP VORTAC (IAF) (see L-20) or radar vectors. PT at IAF NA for TACAN procedure.

139° 445

ROAMM CRP 9

137

163

226

1049

VICCC CRP 21

138° 318°

CRP 25

EMERG SAFE ALT 100 NM 3100

10 NM

R-138

MSA CRP 2.5 NM 210° 2100 1600 360°

† VDP NA when using Corpus Christi altimeter setting

1600 CRP R-138 VICCC 21

VORTAC 2000 139° 1600 JAGTO 3 139° 1600 ROAMM 9 † 13.4 ZAMGU 14

2.73° TCH 42

5 NM

CATEGORY	A	B	C	D
S-13R *	360-¾ 347 (400-¾)			360-1 347 (400-1)
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 13R**	113-¼ 100 (100-¼) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
S-13R *	400-¾ 387 (400-¾)			400-1 387 (400-1)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

ELEV 18

REIL Rwy 13R-31L
HIRL all Rwy

TDZE 13

13R 8002 x 150

13L 5004 x 196

17 22 5000 x 196 5003 x 196 35 31L 31R

128 111 91

139° 14 NM from VORTAC

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CRP 115.5 Chan 102	APCH CRS 318°	Rwy ldg 8002 TDZE 17 Arpt Elev 18

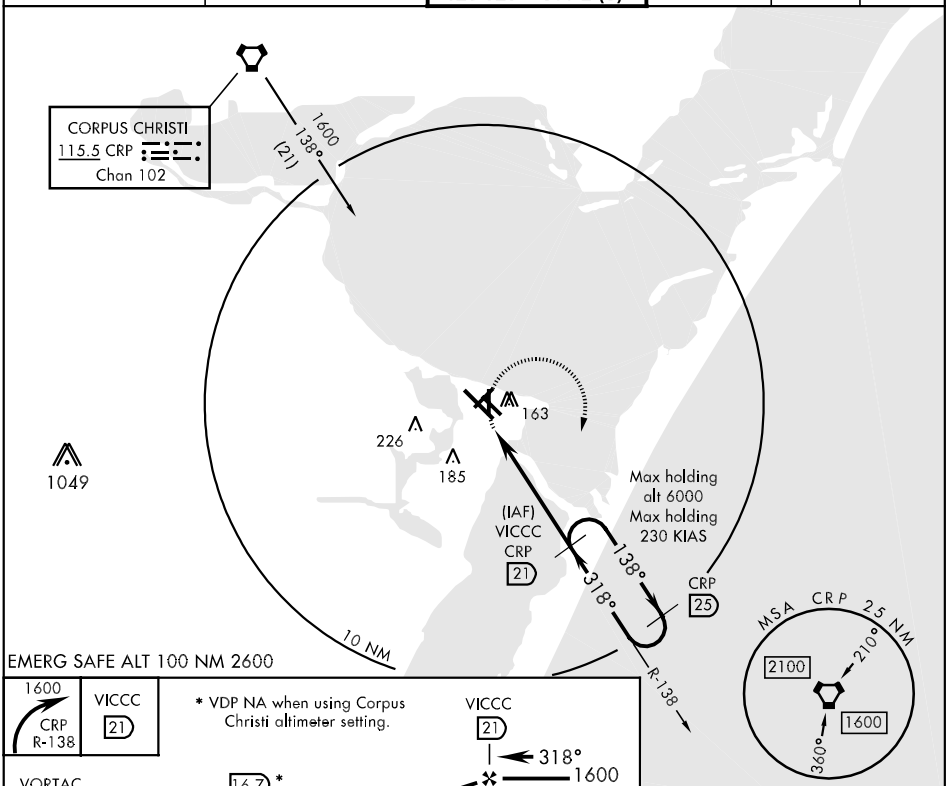
VOR/DME Y or TACAN Y RWY 31L

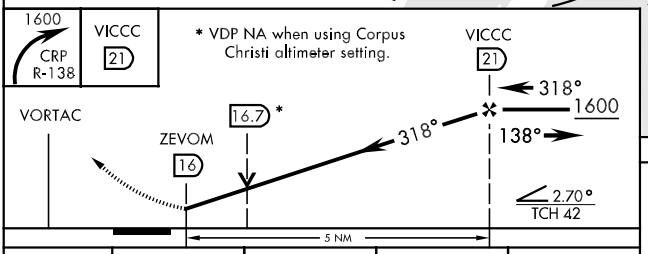
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

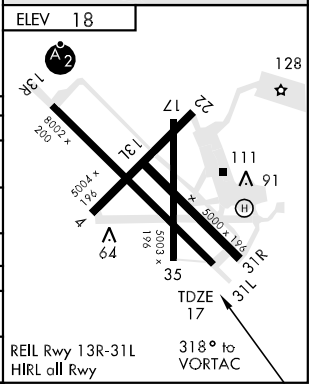
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climbing right turn to 1600, intercept CRP VORTAC R-138 outbound to VICCC and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
S-31L	420-1 403 (500-1)		420-1¼ 403 (500-1¼)	
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 31L	117-½ 100 (100-½) GS 3.0°			
CORPUS CHRISTI ALTIMETER SETTING				
S-31L	460-1 443 (500-1)		460-1¼ 443 (500-1¼)	460-1½ 443 (500-1½)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

VOR/DME Z or TACAN Z RWY 13R

AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

VORTAC NGP	APCH CRS	Rwy ldg 8002
114.0	143°	TDZE 13
Chan 87		Arpt Elev 18

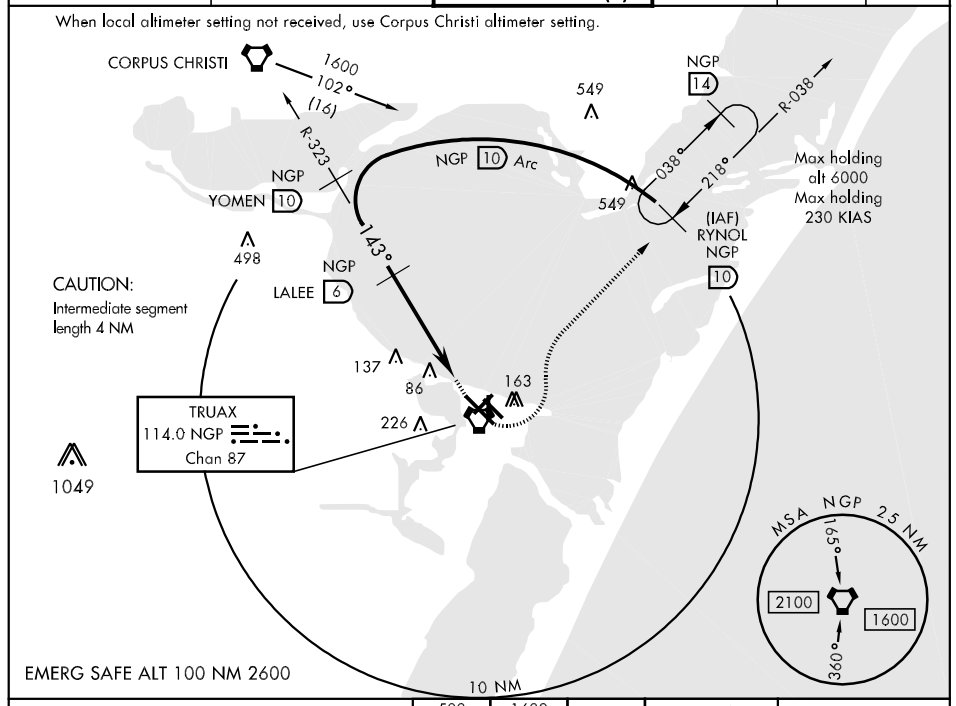
* When ALS inop, increase CAT ABCD vis to 1 mile.
** When ALS inop, increase CAT ABC vis to 1 mile, CAT D vis to 1¼ mile.
*** When ALS inop, increase vis to ½ mile.

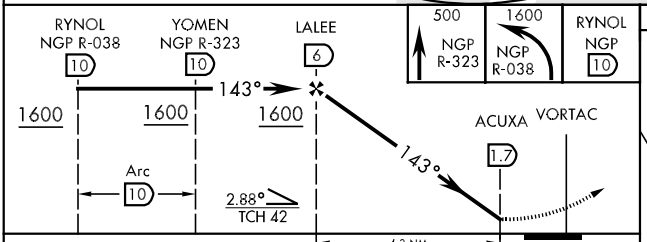
SALSF

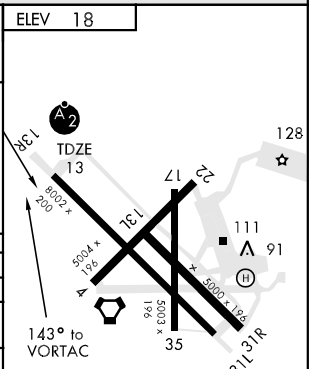
MISSED APPROACH: Climb to 500 via NGP VORTAC R-323, then climbing left turn to 1600 via NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	120.9 348.725	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	

When local altimeter setting not received, use Corpus Christi altimeter setting.







CATEGORY	A	B	C	D
S-13R *	340-¾	327 (400-¾)		
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 13R***	113-¼	100 (100-¼)	GS 3.0°	
CORPUS CHRISTI ALTIMETER SETTING				
S-31R**	380-¾	367 (400-¾)		380-1 367 (400-1)
CIRCLING	500-1	482 (500-1)	500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

VOR/DME Z or TACAN Z RWY 31L

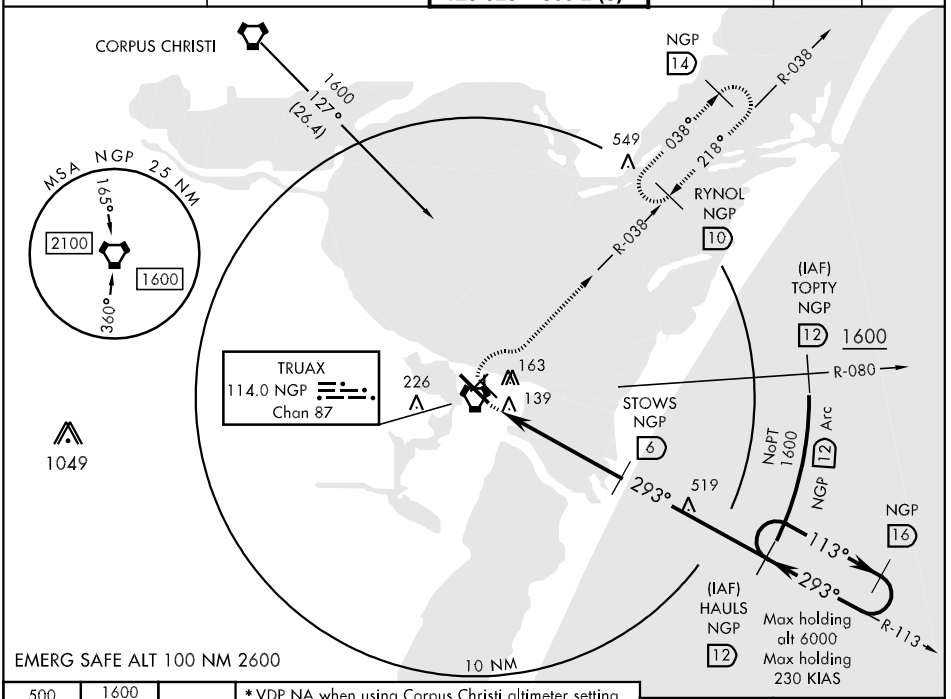
VORTAC NGP	APCH CRS	Rwy ldg	8002
114.0	293°	TDZE	17
Chan 87		Arpt Elev	18

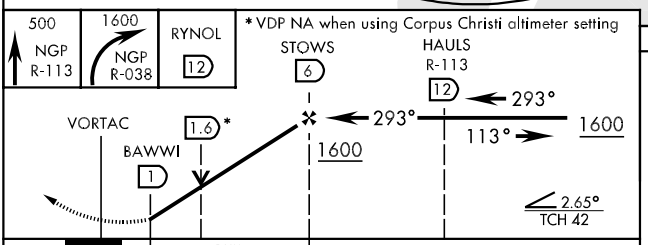
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

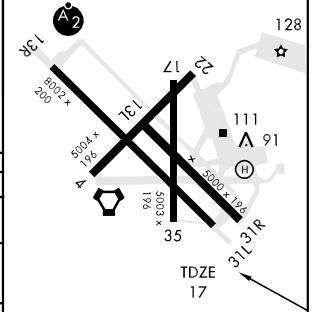
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to 500 via NGP VORTAC R-113, then climbing right turn to 1600, intercept NGP R-038 to RYNOL and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	134.85 340.2 (N) 125.525 360.2 (S)	118.7 257.85	314.3	







CATEGORY	A	B	C	D
S-31L	400-1 383 (400-1)			400-1¼ 383 (400-1¼)
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
S-PAR 31L	117-½ 100 (100-½)			GS 3.0°
CORPUS CHRISTI ALTIMETER SETTING				
S-31L	440-1 423 (500-1)		440-1¼ 423 (500-1¼)	
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

REIL Rwy 13R-31L
HIRL all Rwy

VOR/DME Z or TACAN Z RWY 31L

VOR RWY 22

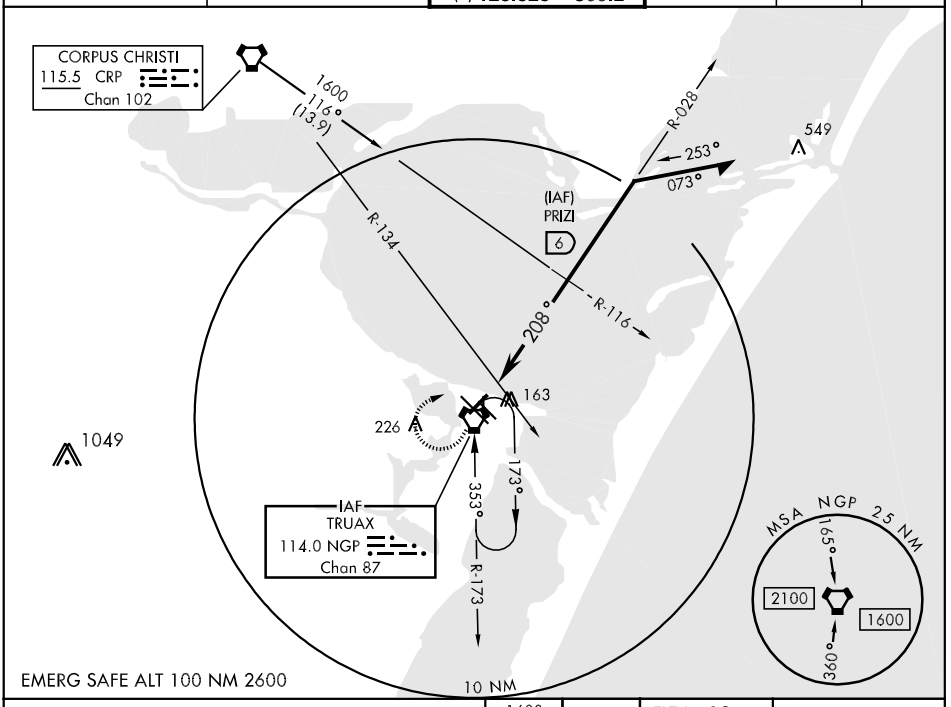
VORTAC NGP	APCH CRS	Rwy ldg 5004
114.0	208°	TDZE 15
Chan 87		Arpt Elev 18

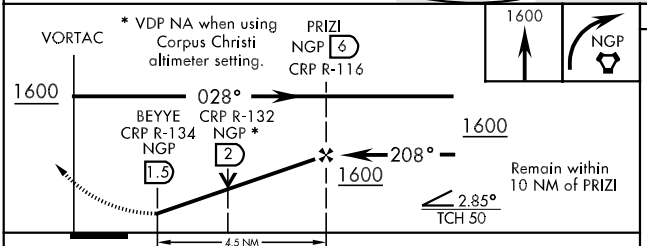
AL-98 [USN] CORPUS CHRISTI NAS (TRUAX FLD) (KNGP)

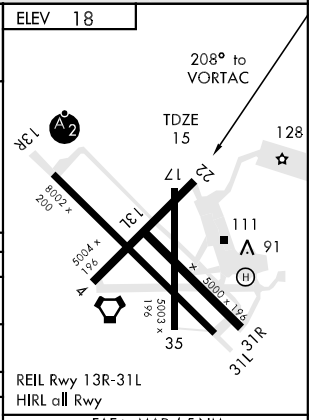
When local altimeter setting not received, use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to 1600, then turn right direct NGP VORTAC and hold.

ATIS ★	CORPUS CHRISTI APP CON	NAVY CORPUS TOWER ★	GND CON	CLNC DEL	ASR/PAR
114.0 127.9 290.9	125.4 307.9	(N) 134.85 340.2 (S) 125.525 360.2	118.7 257.85	314.3	



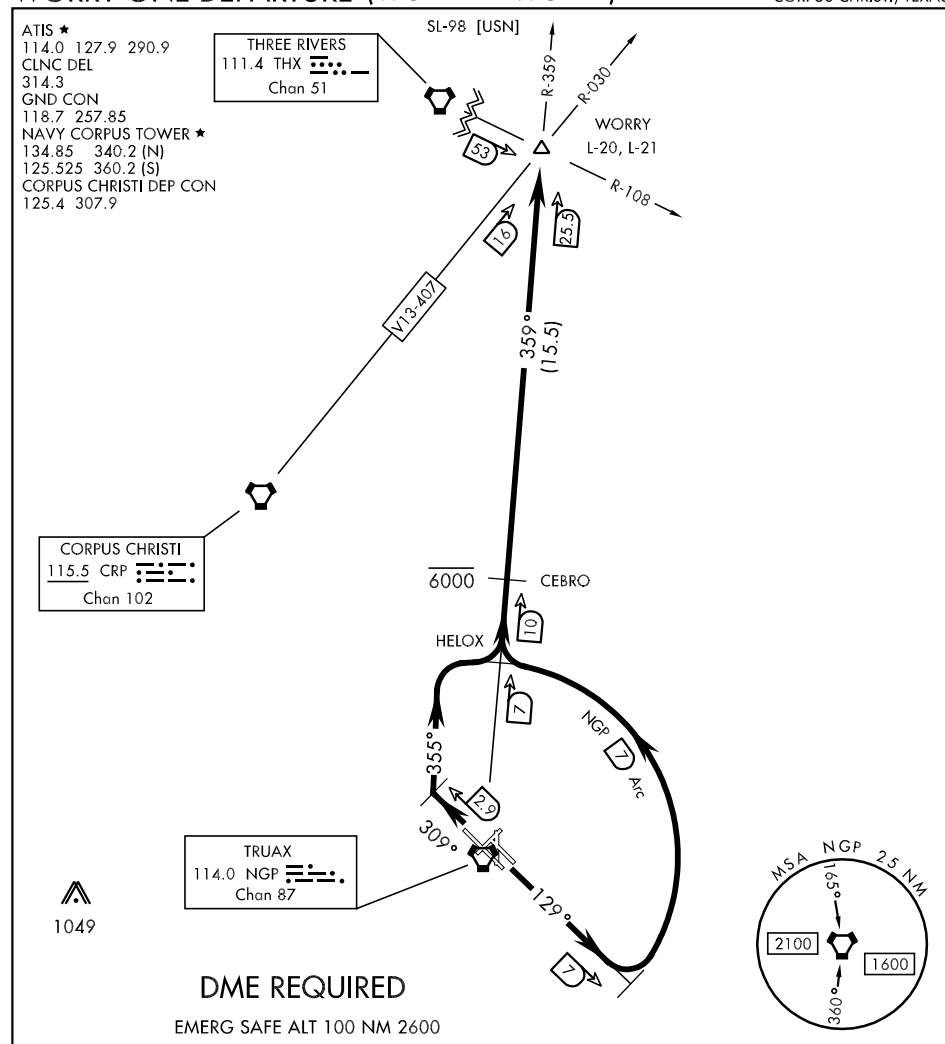




CATEGORY	A	B	C	D
S-22	420-1 405 (500-1)		420-1¼ 405 (500-1¼)	
CIRCLING	480-1 462 (500-1)		480-1½ 462 (500-1½)	580-2 562 (600-2)
CORPUS CHRISTI ALTIMETER SETTING				
S-22	460-1 445 (500-1)		460-1¼ 445 (500-1¼)	460-1½ 445 (500-1½)
CIRCLING	500-1 482 (500-1)		500-1½ 482 (500-1½)	580-2 562 (600-2)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 13L/R: Climb via heading 129° to intercept NGP VORTAC 7 DME Arc. Arc CCW north of NGP via 7 DME arc to HELOX, NGP R-359/7. Thence,

TAKE-OFF RWY 31L/R: Climb via heading 309° to NGP VORTAC 2.9 DME, then climbing right turn via heading 355° to intercept NGP 7 DME Arc. Arc CW North of NGP via 7 DME arc to HELOX, NGP R-359/7 DME. Thence...

THENCE....from HELOX via NGP VORTAC R-359 to WORRY, NGP R-359/25.5 DME. Cross CEBRO, NGP R-359/10 DME at or below 6000. Then via assigned route. Expect clearance to filed altitude/flight level 10 minutes after departure.

NDB CGQ	APP CRS	Rwy Idg	5004
344	139°	TDZE	449
		Apt Elev	449

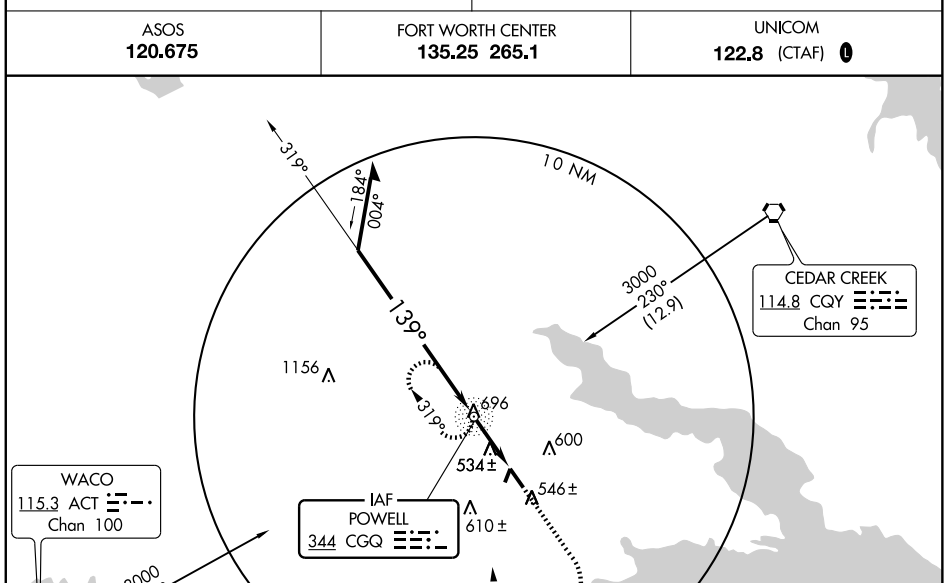
NDB RWY 14

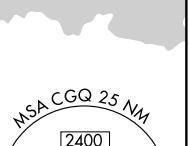
CORSICANA/
C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

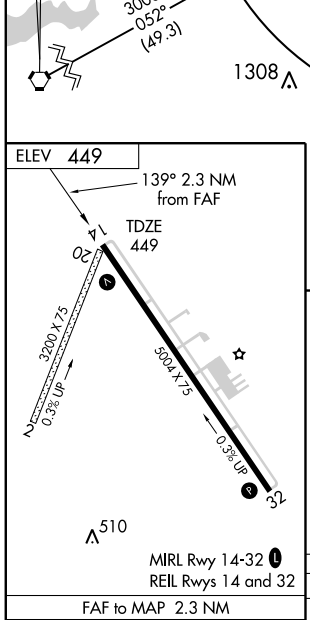
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 2500 direct CGQ NDB and hold.

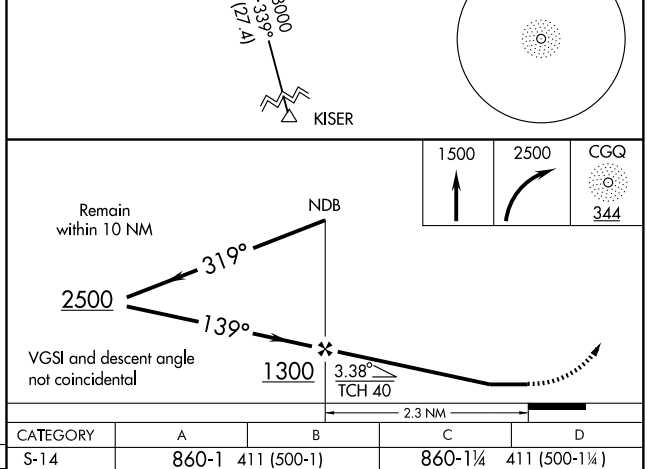
ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L







FAF to MAP 2.3 NM					
Knots	60	90	120	150	180
Min:Sec	2:18	1:32	1:09	0:55	0:46



CATEGORY	A	B	C	D
S-14	860-1 411 (500-1)		860-1¼ 411 (500-1¼)	
CIRCLING	860-1 411 (500-1)	900-1 451 (500-1)	900-1½ 451 (500-1½)	1000-2 551 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB CRS	APP CRS	Rwy Idg	5004
396	327°	TDZE	442
		Apt Elev	449

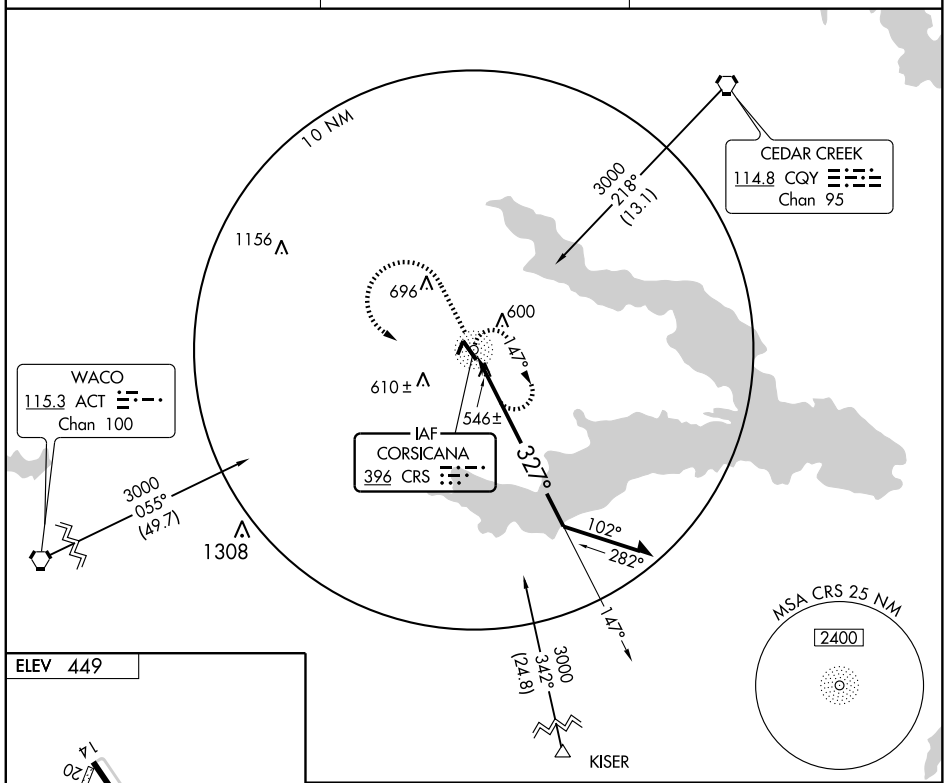
NDB RWY 32

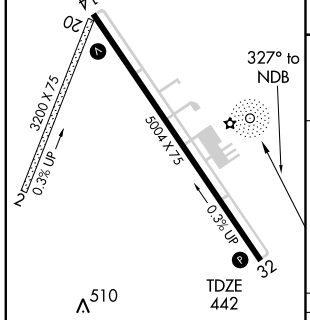
CORSICANA/
C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

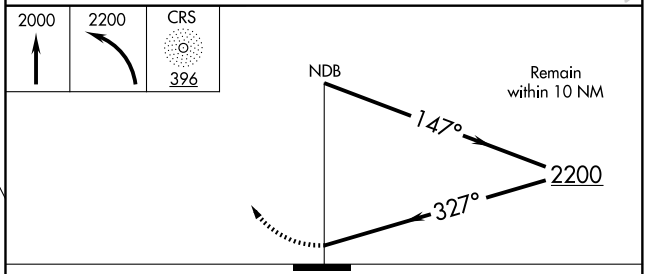
NA

MISSED APPROACH: Climb to 2000 then left climbing turn to 2200 direct CRS NDB and hold.

ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-32	960-1 518 (600-1)		960-1½ 518 (600-1½)	960-1¾ 518 (600-1¾)
CIRCLING	960-1 511 (600-1)		960-1½ 511 (600-1½)	1000-2 551 (600-2)

MIRL Rwy 14-32 L
REIL Rwys 14 and 32

SC-2, 17 DEC 2009 to 14 JAN 2010

CORSICANA, TEXAS

AL-5998 (FAA)

APP CRS	Rwy Idg	5004
139°	TDZE	449
	Apt Elev	449

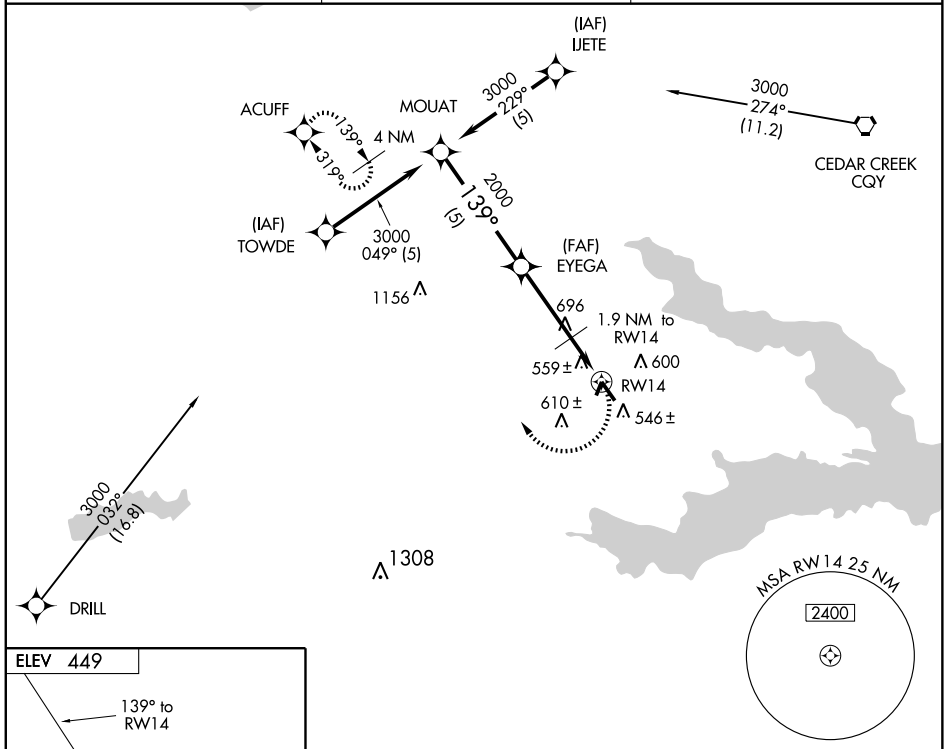
RNAV (GPS) RWY 14

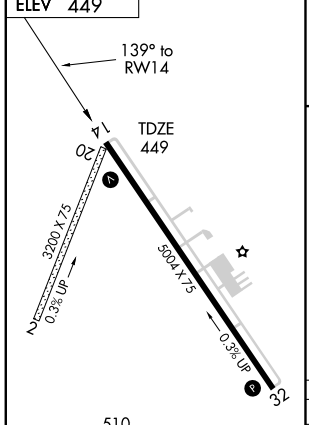
CORSICANA/ C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

NA GPS or RNP-0.3 required, DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 3000 direct ACUFF and hold.

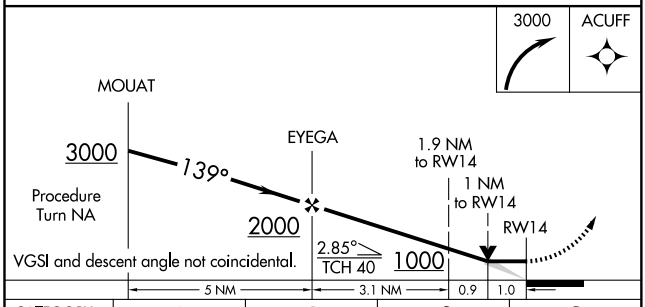
ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L





MIRL Rwy 14-32 L

REIL Rwys 14 and 32



CATEGORY	A	B	C	D
LNAV MDA	820-1 371 (400-1)			820-1¼ 371 (400-1¼)
CIRCLING	860-1 411 (500-1)	900-1 451 (500-1)	900-1½ 451 (500-1½)	1060-2 611 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

CORSICANA, TEXAS

AL-5998 (FAA)

APP CRS	Rwy Idg	5004
319°	TDZE	442
	Apt Elev	449

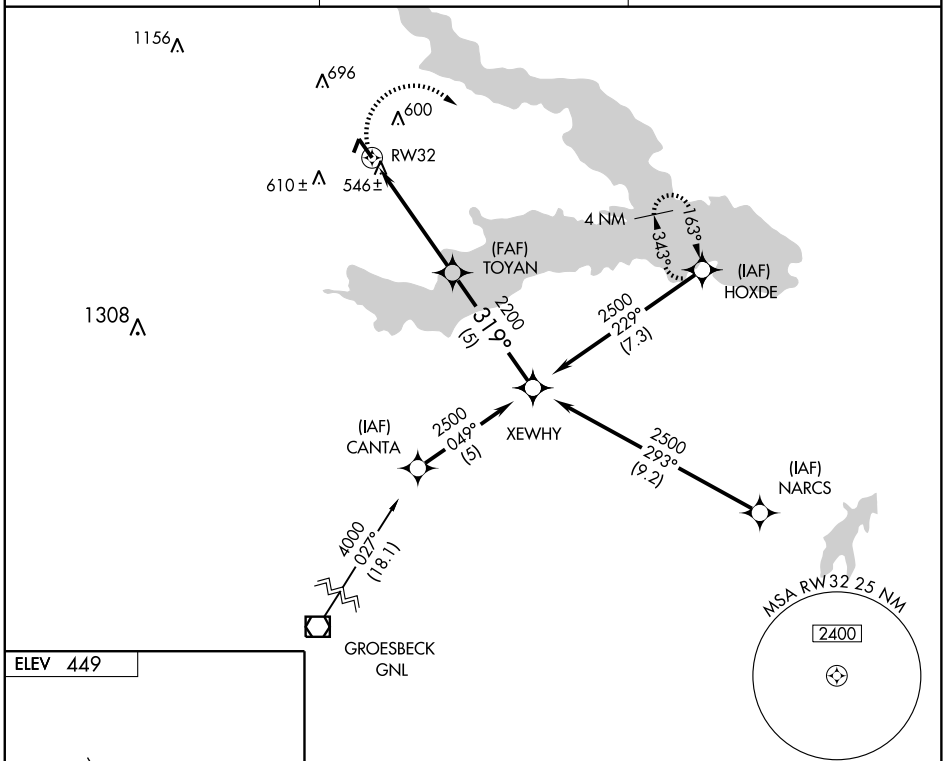
RNAV (GPS) RWY 32

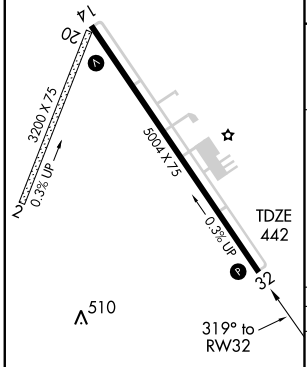
CORSICANA/C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

NA GPS or RNP-0.3 required, DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing right turn to 2500 direct HOXDE and hold.

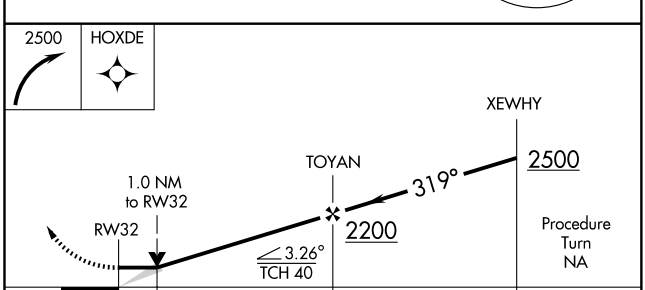
ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L





MIRL Rwy 14-32 L

REIL Rwys 14 and 32



CATEGORY	A	B	C	D
LNAV MDA	800-1 358 (400-1)			800-1¼ 358 (400-1¼)
CIRCLING	860-1 411 (500-1)	900-1 451 (500-1)	900-1½ 451 (500-1½)	1060-2 611 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

CORSICANA, TEXAS

AL-5998 (FAA)

VORTAC CQY	APP CRS	Rwy Idg	N/A
114.8	218°	TDZE	N/A
Chan 95		Apt Elev	449

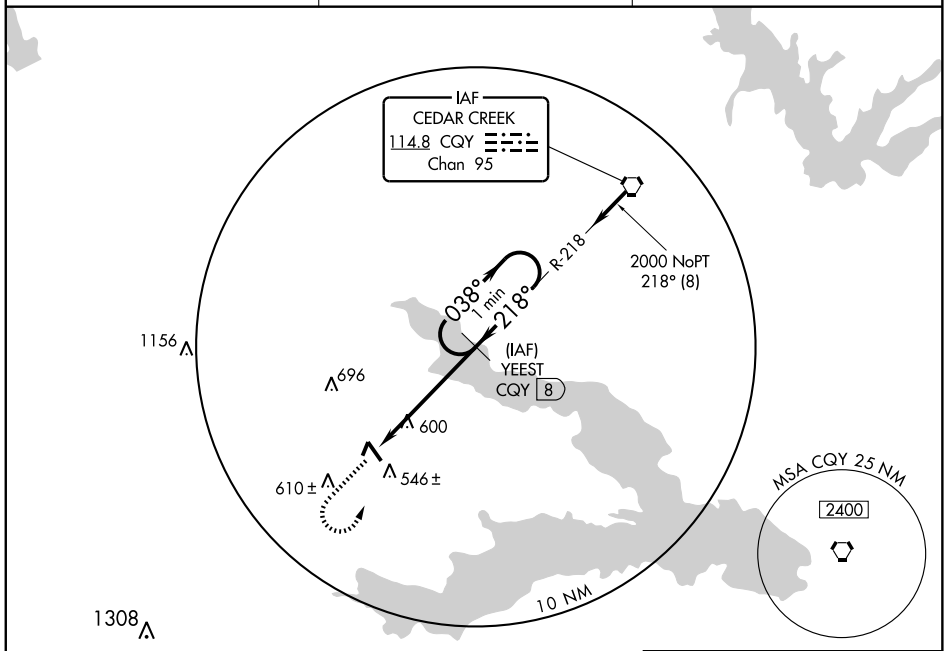
CORSICANA/
C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

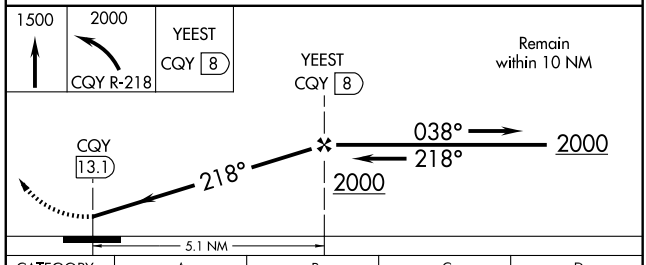
VOR/DME-A

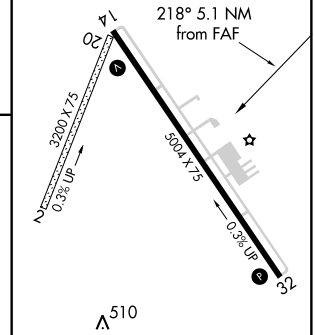
NA

MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 via CQY VORTAC R-218 to YEEST/CQY 8 DME and hold.

ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	860-1 411 (500-1)	900-1 451 (500-1)	900-1½ 451 (500-1½)	1060-2 611 (700-2)

MIRL Rwy 14-32 L
REIL Rwys 14 and 32

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC CQY 114.8 Chan 95	APP CRS 038°	Rwy Idg N/A TDZE N/A Apt Elev 449

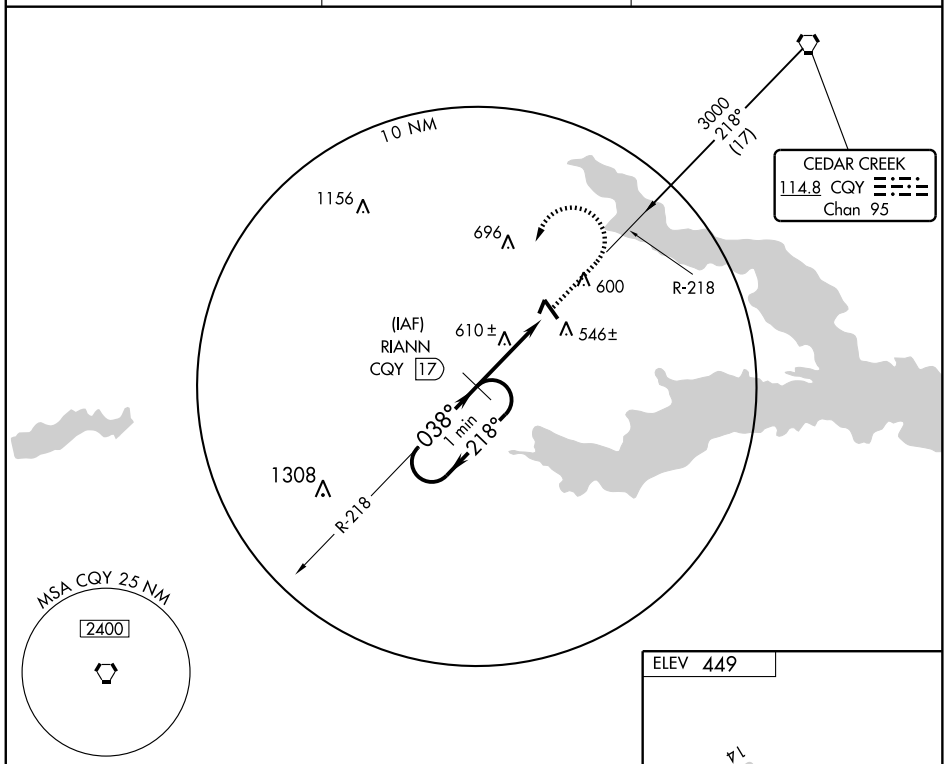
CORSICANA/ C. DAVID CAMPBELL FIELD-CORSICANA MUNI (CRS)

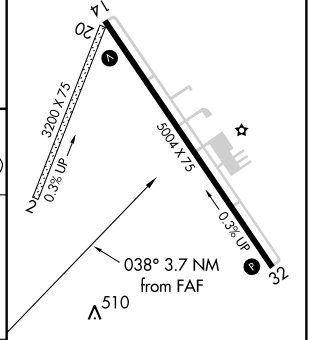
VOR/DME-B

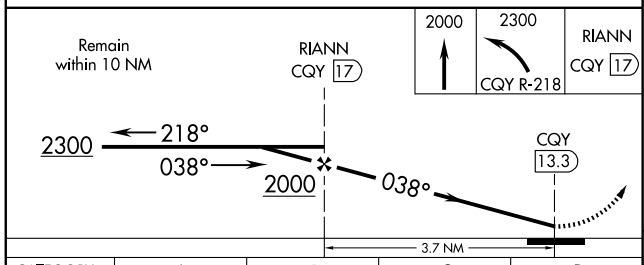
NA

MISSED APPROACH: Climb to 2000 then climbing left turn to 2300 via CQY VORTAC R-218 to RIANN/CQY 17 DME and hold.

ASOS	FORT WORTH CENTER	UNICOM
120.675	135.25 265.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	860-1 411 (500-1)	900-1 451 (500-1)	900-1½ 451 (500-1½)	1060-2 611 (700-2)

MIRL Rwy 14-32 L
REIL Rwys 14 and 32

SC-2, 17 DEC 2009 to 14 JAN 2010

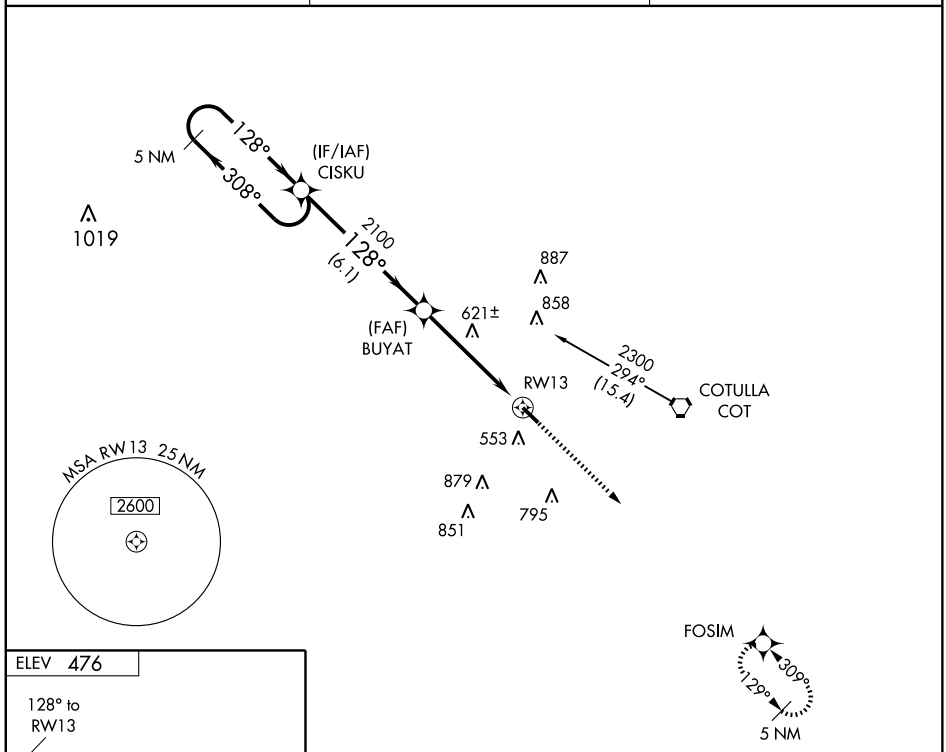
APP CRS	Rwy Idg	5005
128°	TDZE	474
	Apt Elev	476

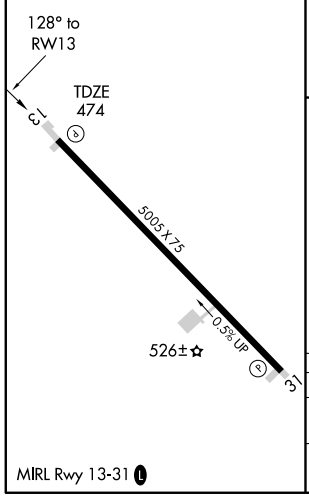
RNAV (GPS) RWY 13
COTULLA-LA SALLE COUNTY (COT)

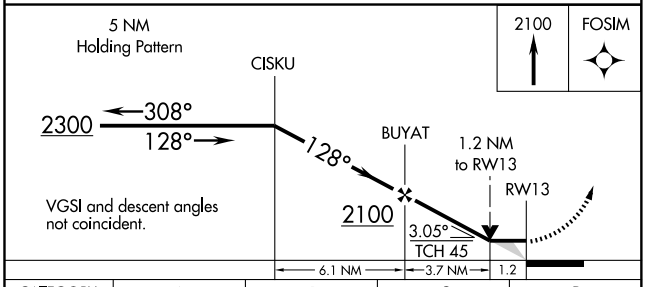
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2100 direct FOSIM and hold.

ASOS	HOUSTON CENTER	UNICOM
118.32	134.6 322.5	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	880-1 406 (500-1)		880-1¼ 406 (500-1¼)	NA
CIRCLING	900-1 424 (500-1)	940-1 464 (500-1)	940-1½ 464 (500-1½)	NA

MIRL Rwy 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

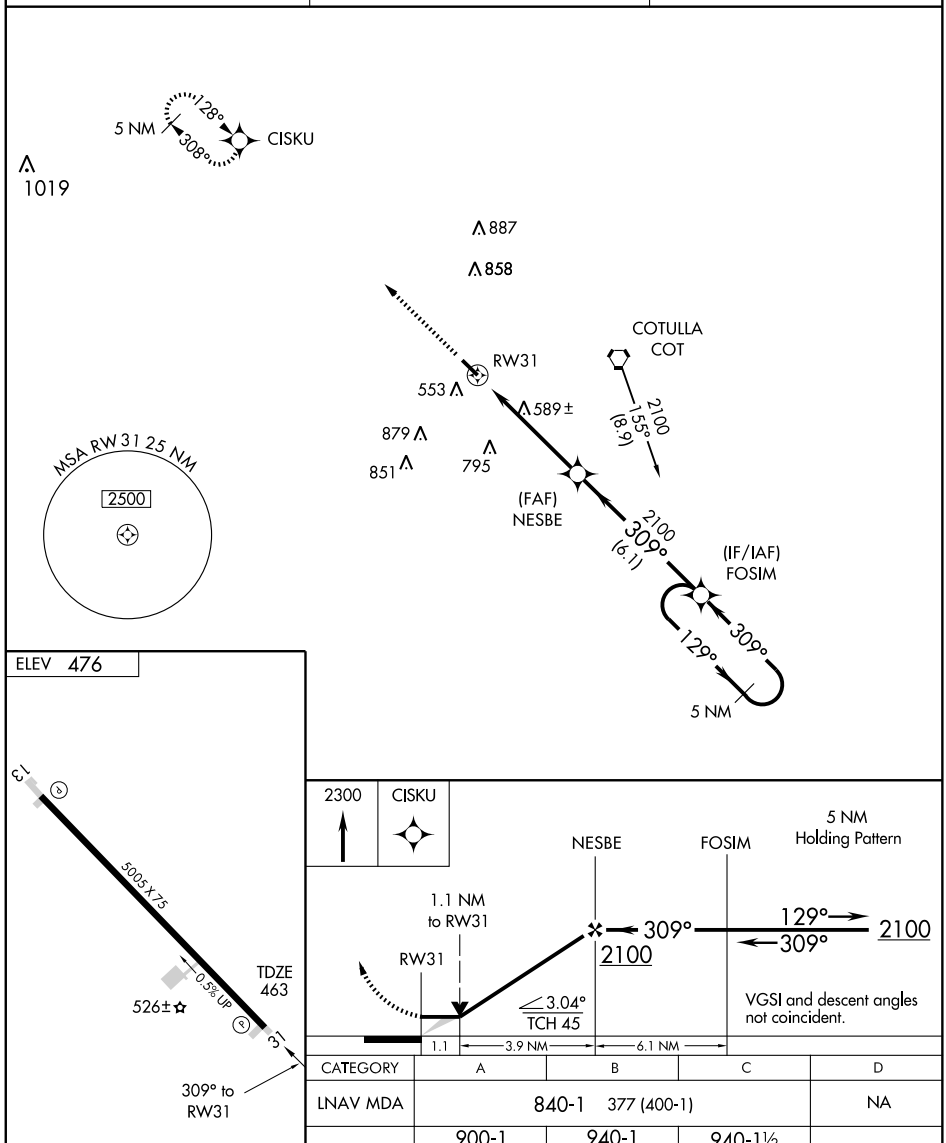
APP CRS	Rwy Idg	5005
309°	TDZE	463
	Apt Elev	476

RNAV (GPS) RWY 31
COTULLA-LA SALLE COUNTY (COT)

DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2300 direct CISKU and hold.

ASOS	HOUSTON CENTER	UNICOM
118.32	134.6 322.5	122.7 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	840-1 377 (400-1)			NA
CIRCLING	900-1 424 (500-1)	940-1 464 (500-1)	940-1½ 464 (500-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC COT 115.8 Chan 105	APP CRS 259°	Rwy Idg N/A TDZE N/A Apt Elev 474

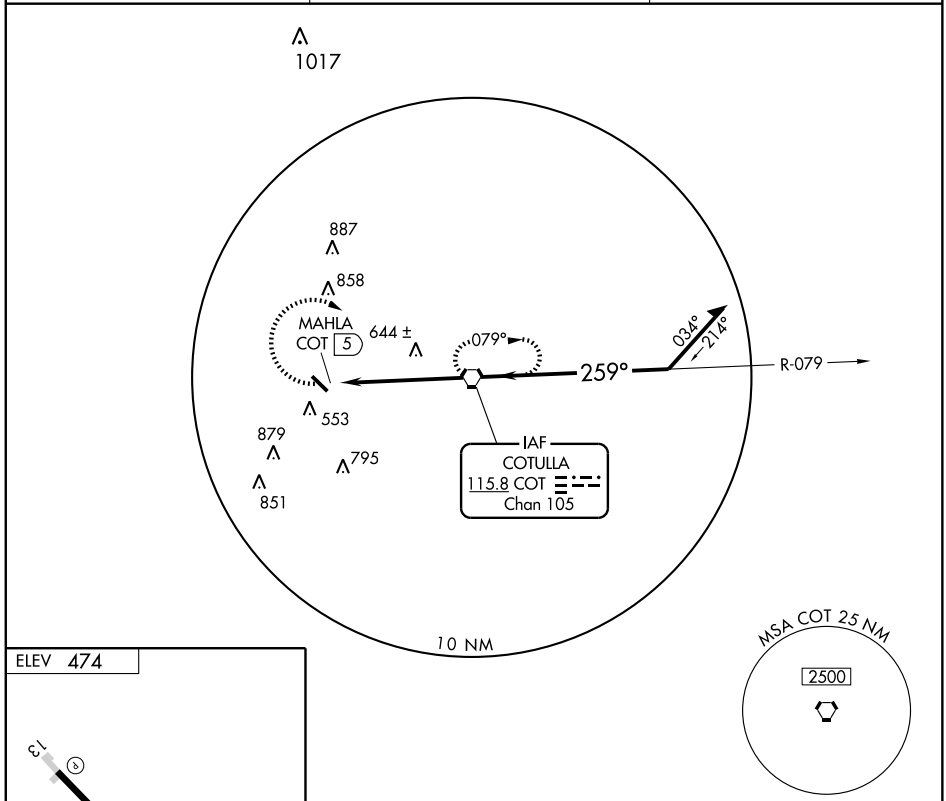
VOR-A

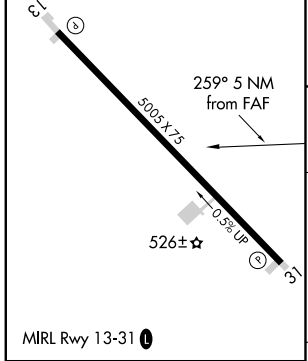
COTULLA-LA SALLE COUNTY (COT)

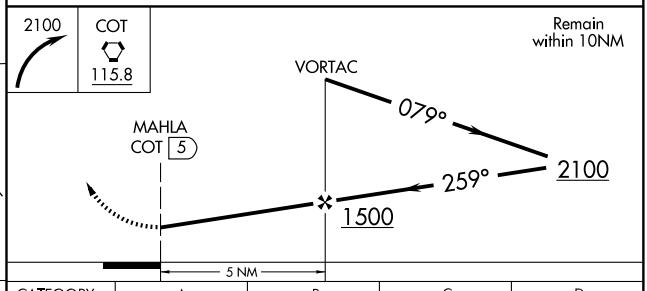
If local altimeter setting not received, use Pleasanton Muni altimeter setting and increase all MDAs 120 feet.

MISSED APPROACH: Climbing right turn to 2100 direct COT VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
118.32	134.6 322.5	122.7 (CTAF) L







FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
CIRCLING	900-1 426 (500-1)	940-1 466 (500-1)	940-1½ 466 (500-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

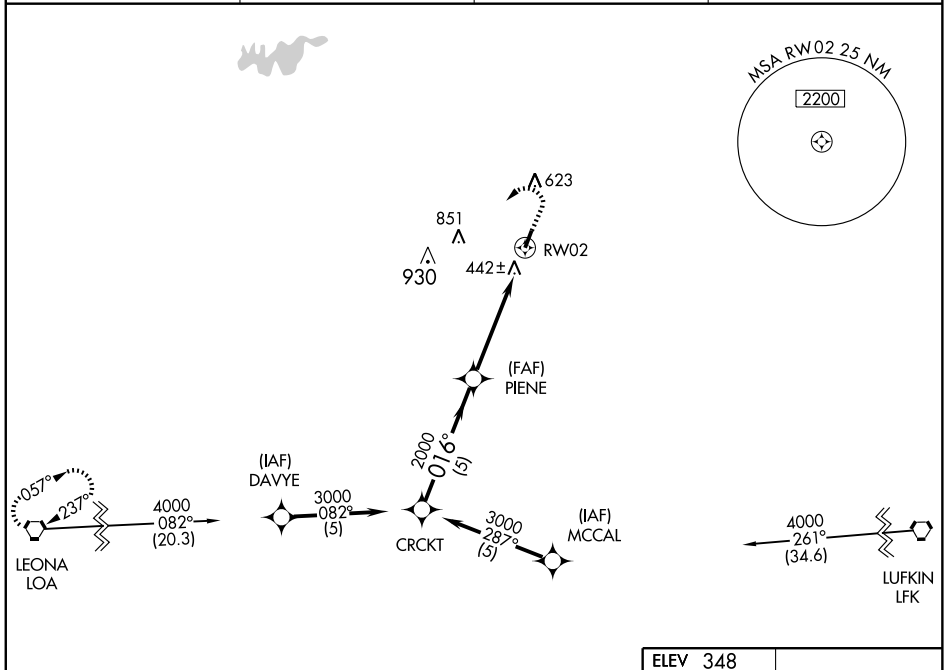
APP CRS	Rwy Idg	4000
016°	TDZE	342
	Apt Elev	348

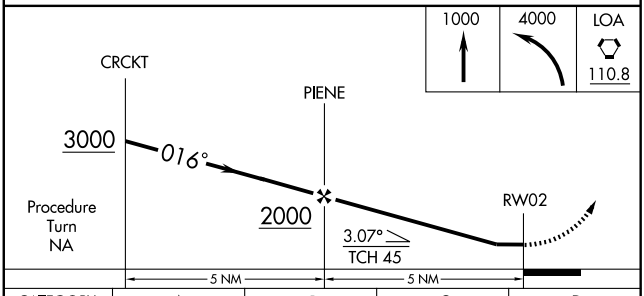
GPS RWY 2

CROCKETT/ HOUSTON COUNTY (DKR)

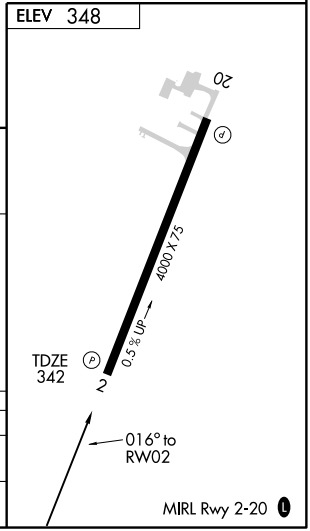
⚠ NA Use Huntsville Muni altimeter setting.	MISSED APPROACH: Climb to 1000, then climbing left turn to 4000 direct LOA VORTAC and hold.

AWOS-3	HOUSTON CENTER	CTAF	
118.775	134.8 269.6	122.9	123.5 L





CATEGORY	A	B	C	D
S-2	780-1 438 (500-1)		780-1¼ 438 (500-1¼)	780-1½ 438 (500-1½)
CIRCLING	880-1 532 (600-1)		1060-2 712 (800-2)	1060-2¼ 712 (800-2¼)



SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
197°	TDZE	348
	Apt Elev	348

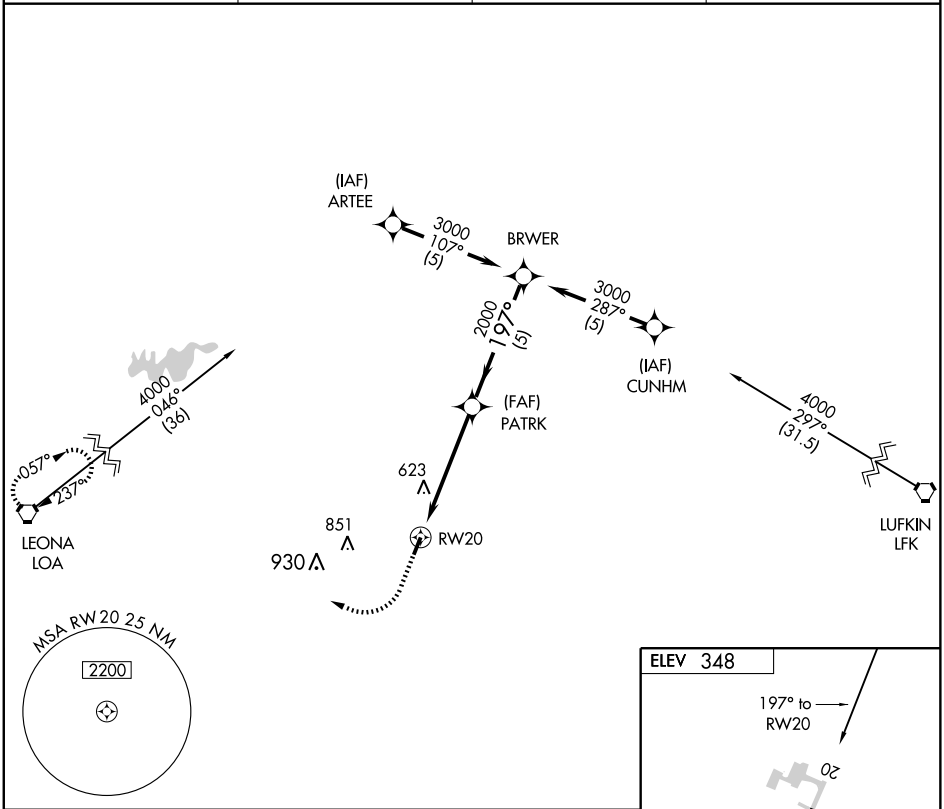
GPS RWY 20

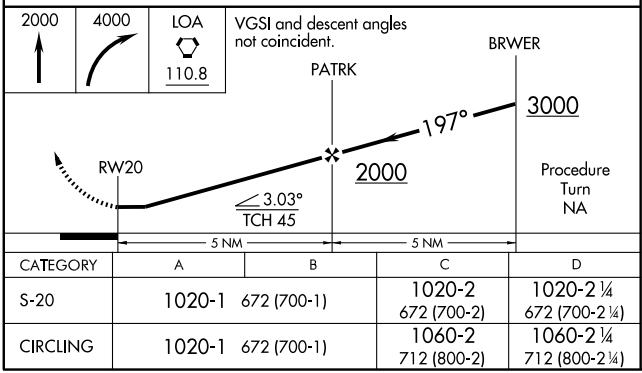
CROCKETT/ HOUSTON COUNTY (DKR)

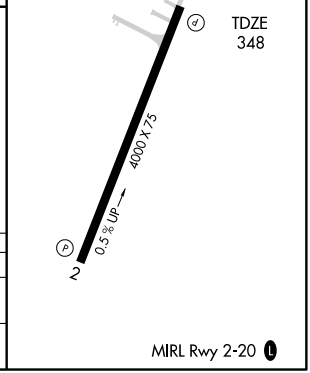
⚠ NA Use Huntsville Muni altimeter setting.

MISSED APPROACH: Climb to 2000, then climbing right turn to 4000 direct LOA VORTAC and hold.

AWOS-3	HOUSTON CENTER	CTAF	
118.775	134.8 269.6	122.9	123.5 (L)







CATEGORY	A	B	C	D
S-20	1020-1	672 (700-1)	1020-2 672 (700-2)	1020-2 ¼ 672 (700-2 ¼)
CIRCLING	1020-1	672 (700-1)	1060-2 712 (800-2)	1060-2 ¼ 712 (800-2 ¼)

MIRL Rwy 2-20 (L)

SC-5, 17 DEC 2009 to 14 JAN 2010

CROSBYTON, TEXAS

AL-6666 (FAA)

APP CRS	Rwy Idg	3600
352°	TDZE	3017
	Apt Elev	3018

GPS RWY 35

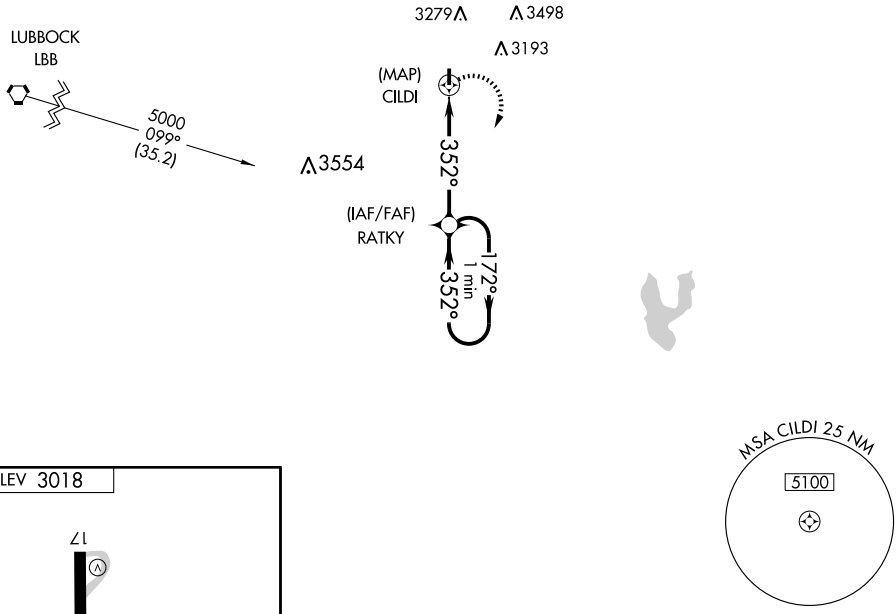
CROSBYTON MUNI (8F3)

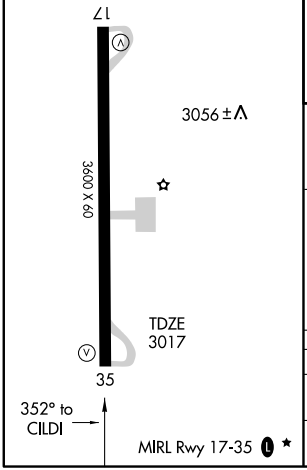
Use Lubbock altimeter setting.

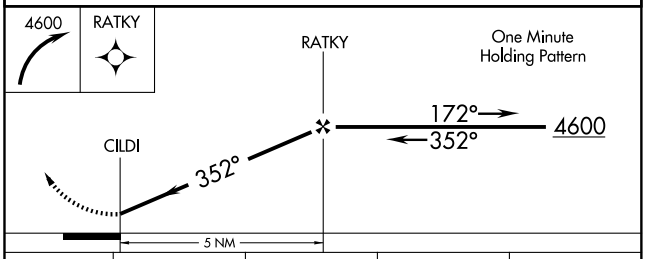
NA

MISSED APPROACH: Climbing right turn 4600 direct RATKY WP and hold.

LUBBOCK APP CON	UNICOM
119.2 351.8	122.8 L (CTAF)







CATEGORY	A	B	C	D
S-35	3440-1	423 (500-1)	3440-1¼ 423 (500-1¼)	NA
CIRCLING	3560-1	542 (600-1)	3560-1½ 542 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB CZX	APP CRS	Rwy Idg	3600
332	360°	TDZE	3017
		Apt Elev	3018

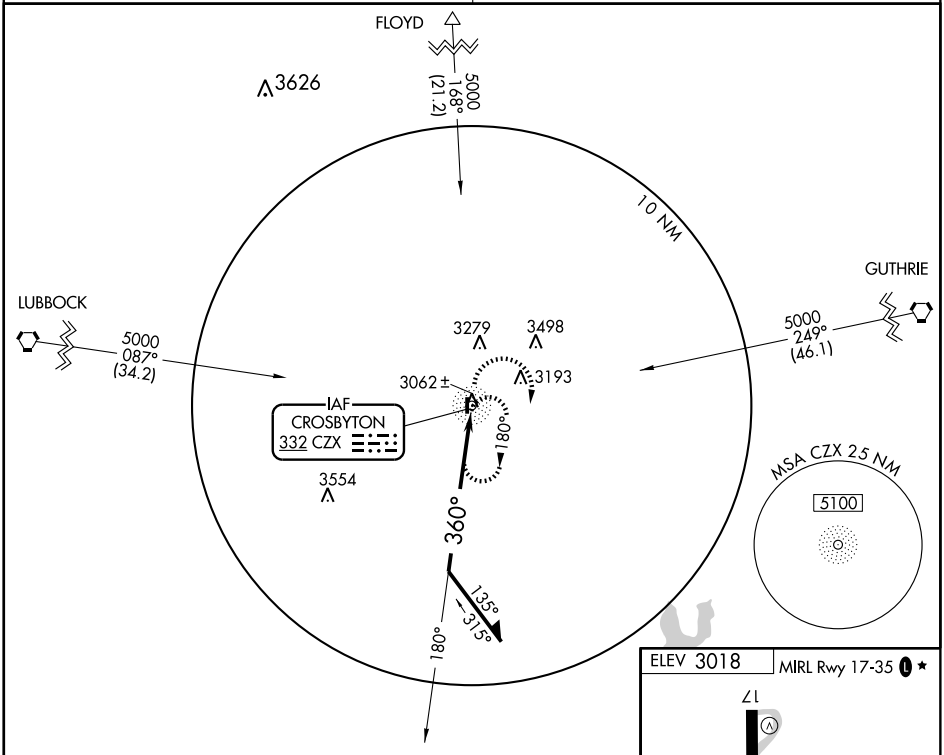
NDB RWY 35

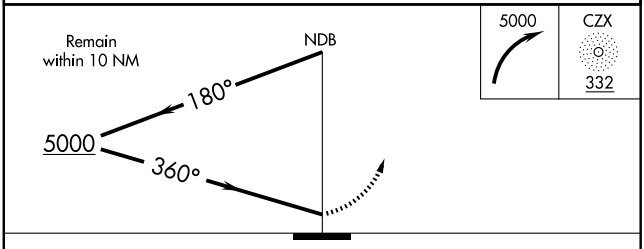
CROSBYTON MUNI (8F3)

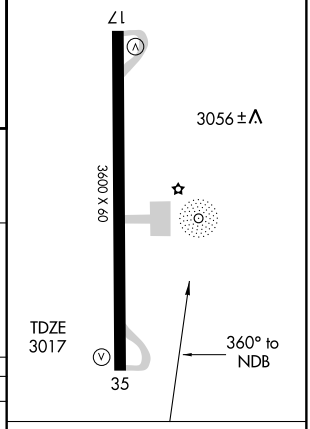
NA Use Lubbock altimeter setting.
ACTIVATE MIRL Rwy 17-35 - 122.8.

MISSED APPROACH: Climbing right turn to 5000 in CZX NDB holding pattern.

LUBBOCK APP CON	UNICOM
119.2 351.8	122.8 L (CTAF)







CATEGORY	A	B	C	D
S-35	3600-1	583 (600-1)	3600-1½ 583 (600-1½)	NA
CIRCLING	3600-1	582 (600-1)	3600-1½ 582 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6400
172°	TDZE	3990
	Apt Elev	3991

GPS RWY 17
DALHART MUNI (DHT)

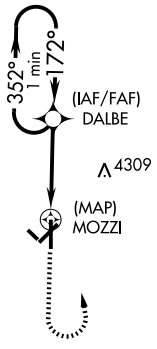
T
A NA

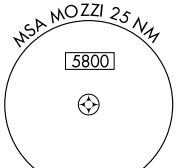
Circling not authorized west of Rwy 17-35.

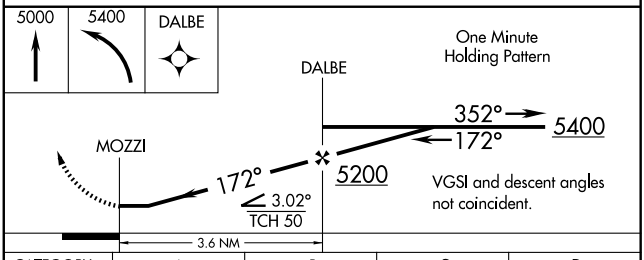
MISSED APPROACH: Climb to 5000 then climbing left turn to 5400 direct DALBE and hold.

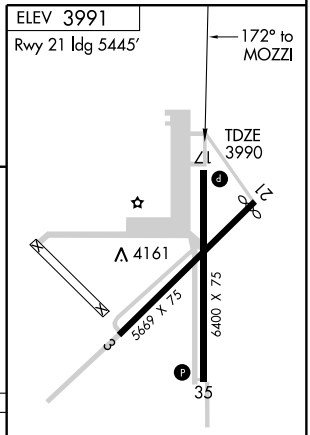
ASOS	ALBUQUERQUE CENTER	UNICOM
134.075	127.85 285.475	122.95 (CTAF) L

4730









CATEGORY	A	B	C	D
S-17	4520-1	530 (600-1)	4520-1½ 530 (600-1½)	4520-1¾ 530 (600-1¾)
CIRCLING	4520-1	529 (600-1)	4520-1½ 529 (600-1½)	4660-2 669 (700-2)

REIL Rwys 17 and 35
MIRL Rwys 3-21 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC DHT	APP CRS	Rwy Idg	6400
112.0	349°	TDZE	3988
Chan 57		Apt Elev	3991

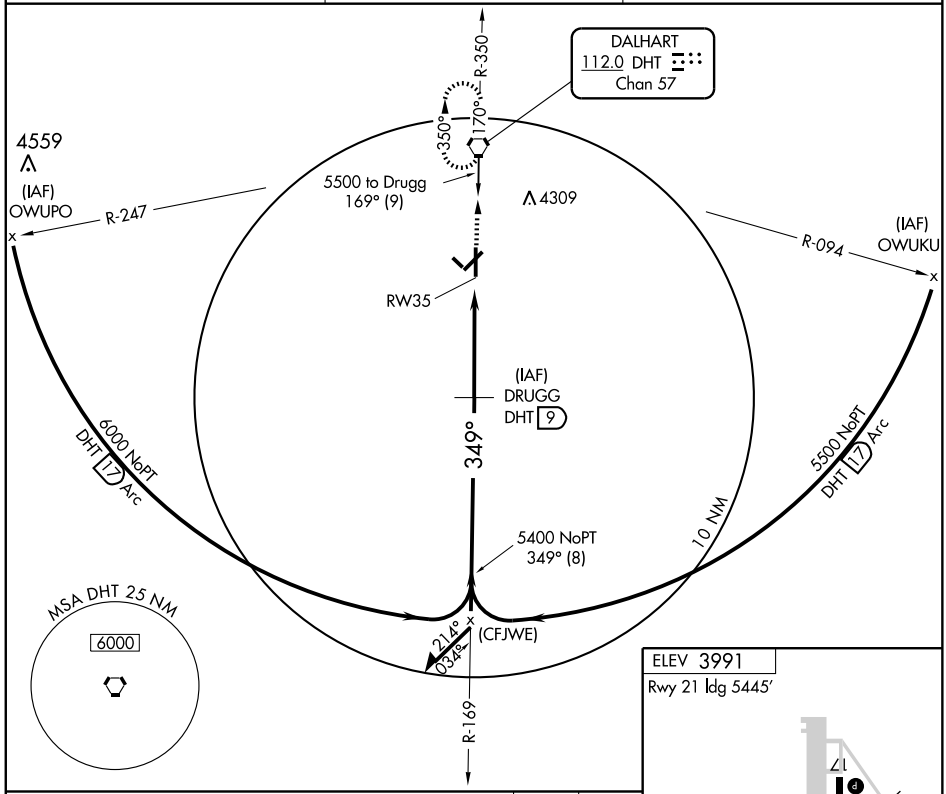
VOR/DME or GPS RWY 35

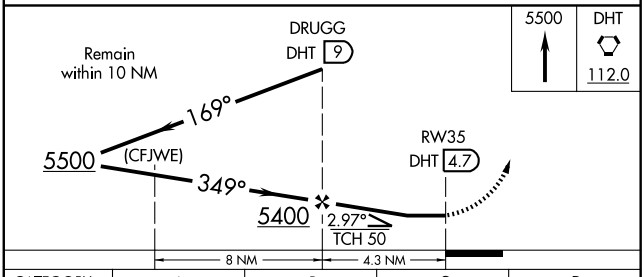
DALHART MUNI (DHT)

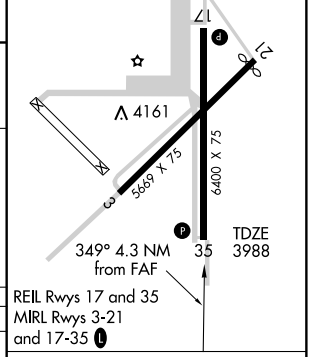
Circling not authorized west of Rwy 17-35.

MISSED APPROACH: Climb to 5500 direct DHT VORTAC and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
134.075	127.85 285.475	122.95 (CTAF) L







CATEGORY	A	B	C	D
S-35	4340-1 352 (400-1)			4340-1¼ 352 (400-1¼)
CIRCLING	4440-1 449 (500-1)	4460-1 469 (500-1)	4460-1½ 469 (500-1½)	4660-2 669 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

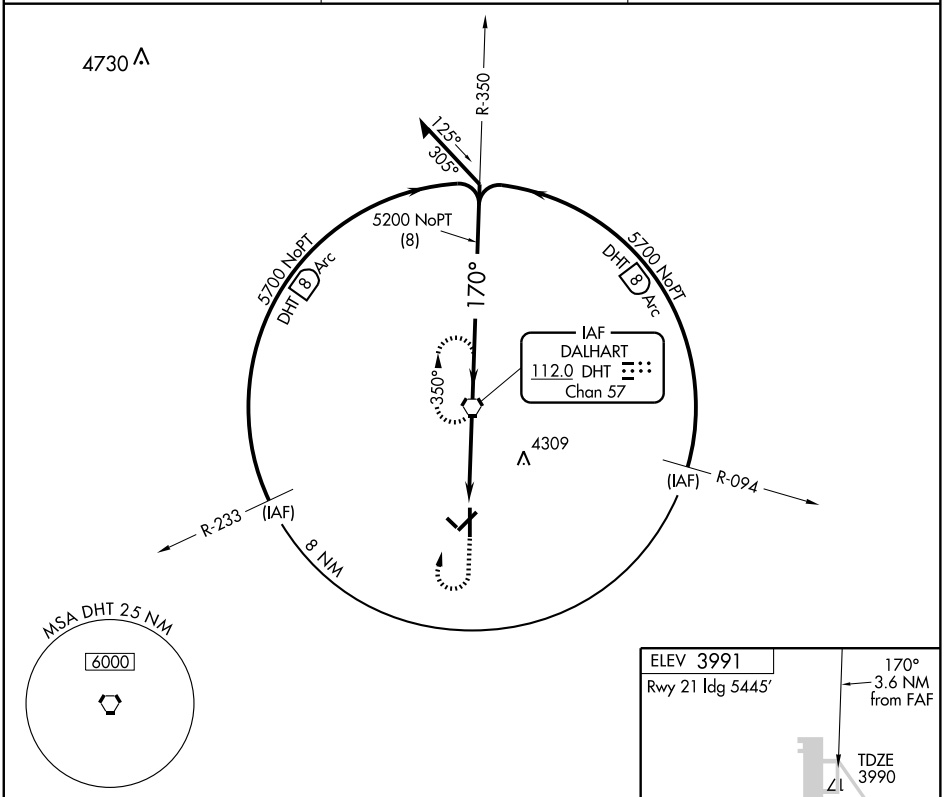
VORTAC DHT	APP CRS	Rwy Idg	6400
112.0	170°	TDZE	3990
Chan 57		Apt Elev	3991

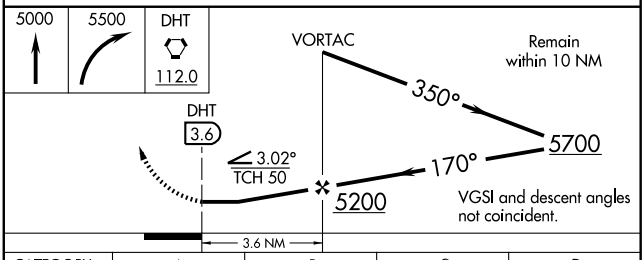
VOR RWY 17
DALHART MUNI (DHT)

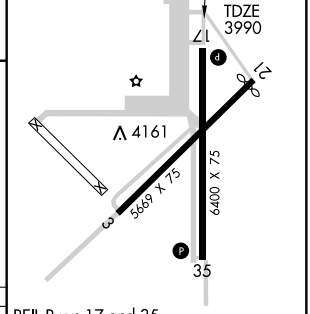
Circling not authorized west of Rwy 17-35.

MISSED APPROACH: Climb to 5000 then climbing right turn to 5500 direct DHT VORTAC and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
134.075	127.85 285.475	122.95 (CTAF) L







CATEGORY	A	B	C	D
S-17	4520-1	530 (600-1)	4520-1½ 530 (600-1½)	4520-1¾ 530 (600-1¾)
CIRCLING	4520-1	529 (600-1)	4520-1½ 529 (600-1½)	4660-2 669 (700-2)

REIL Rwys 17 and 35
MIRL Rwys 3-21 and 17-35 L

FAF to MAP 3.6 NM

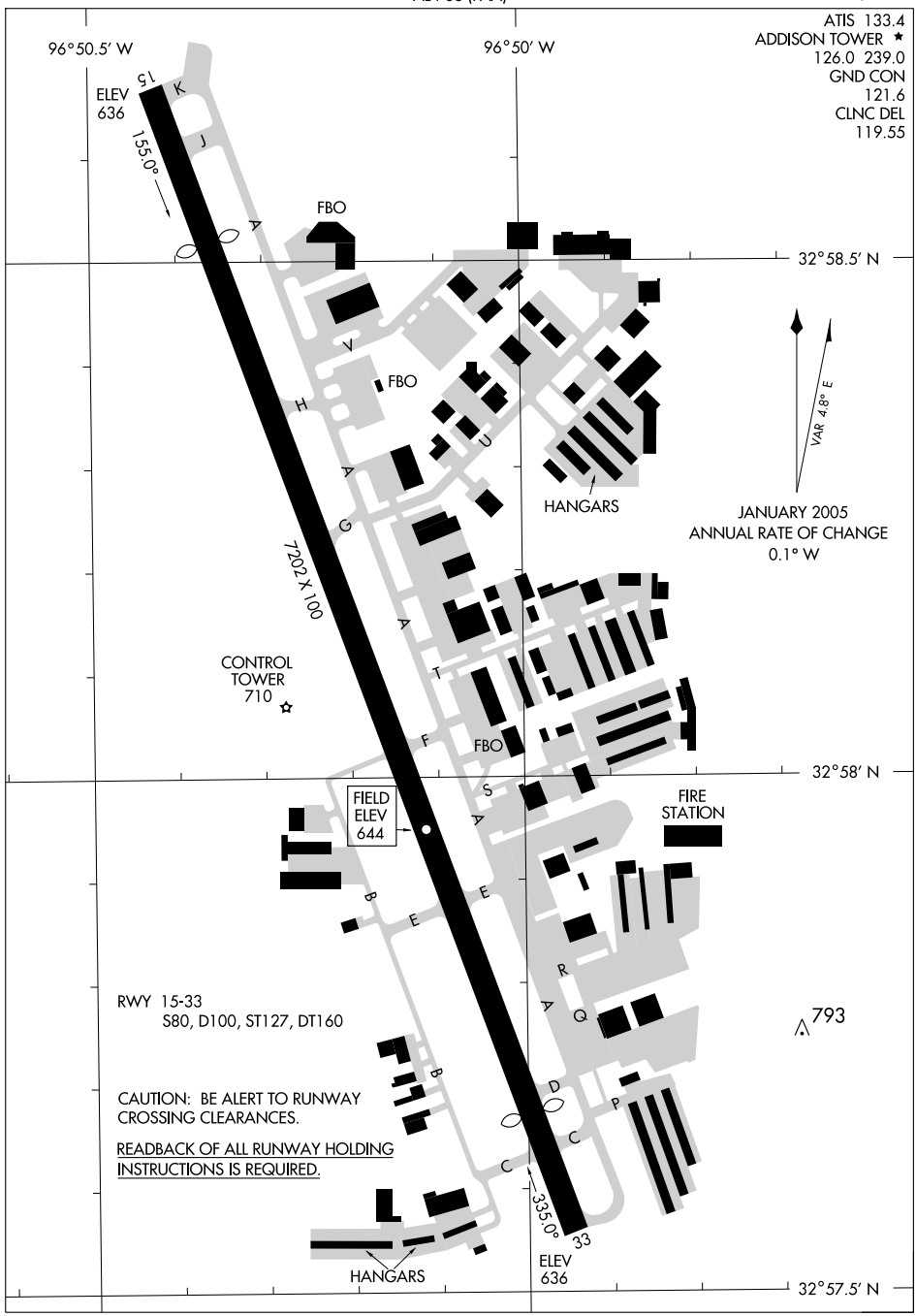
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-768 (FAA)

DALLAS/ADDISON (ADS)
DALLAS, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

ATIS 133.4
CLNC DEL
119.55
GND CON
121.6
ADDISON TOWER ★
126.0 (CTAF) 239.0
REGIONAL DEP CON
124.3 282.35
CTAF 126.0

TAKE-OFF MINIMUMS:
Rwy 15: 400-2 or standard with minimum climb of 220′ per NM to 1100′.
Rwy 33: Standard.

NOTE: For Jets requesting FL180 and above.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

ORTRO
N33°41.47′
W94°12.75′

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.39′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

BONHAM
114.6 BYP
Chan 93

COBUG
N33°17.38′
W95°37.68′

QUITMAN
114.0 UIM
Chan 87
N32°52.82′-W95°22.01′
L-17, H-6

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SHERO
N33°04.49′
W95°33.78′

MAVERICK
113.1 TTT
Chan 78
N32°52.15′
W97°02.43′

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26
L-18, H-6

SOLDO
N32°51.92′
W96°19.94′
L-17

SHRLY
N32°44.60′
W94°18.17′

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

CLARE
N32°45.66′
W96°19.93′

POTEN
N32°39.33′
W95°40.03′

TEKBE
N32°42.80′
W94°47.73′

SAWMILL
113.75 SWB
Chan 84
N31°58.39′
W92°40.63′
L-22, H-6

GREGG COUNTY
112.3 GGG
Chan 70

FL230 064° (75)
055° (117)
R-235
R-320
151
R-244
6500 064° (79)
5000 (38) 76
R-324
R-184
R-182
R-181
R-180
5000 (39) 76
R-312
14000 072° (134)
FL200 077° (125)
R-262
FL200 097° (206)
R-254
R-281
064° (38)
074° (36)
084° (36)
094° (36)
5000 081° (49)
R-261
R-183
R-187
6000 (34)
94 10000 079° (44)
(25) R-259 (25)
71
R-346
14000 111° (116)
R-291
N

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

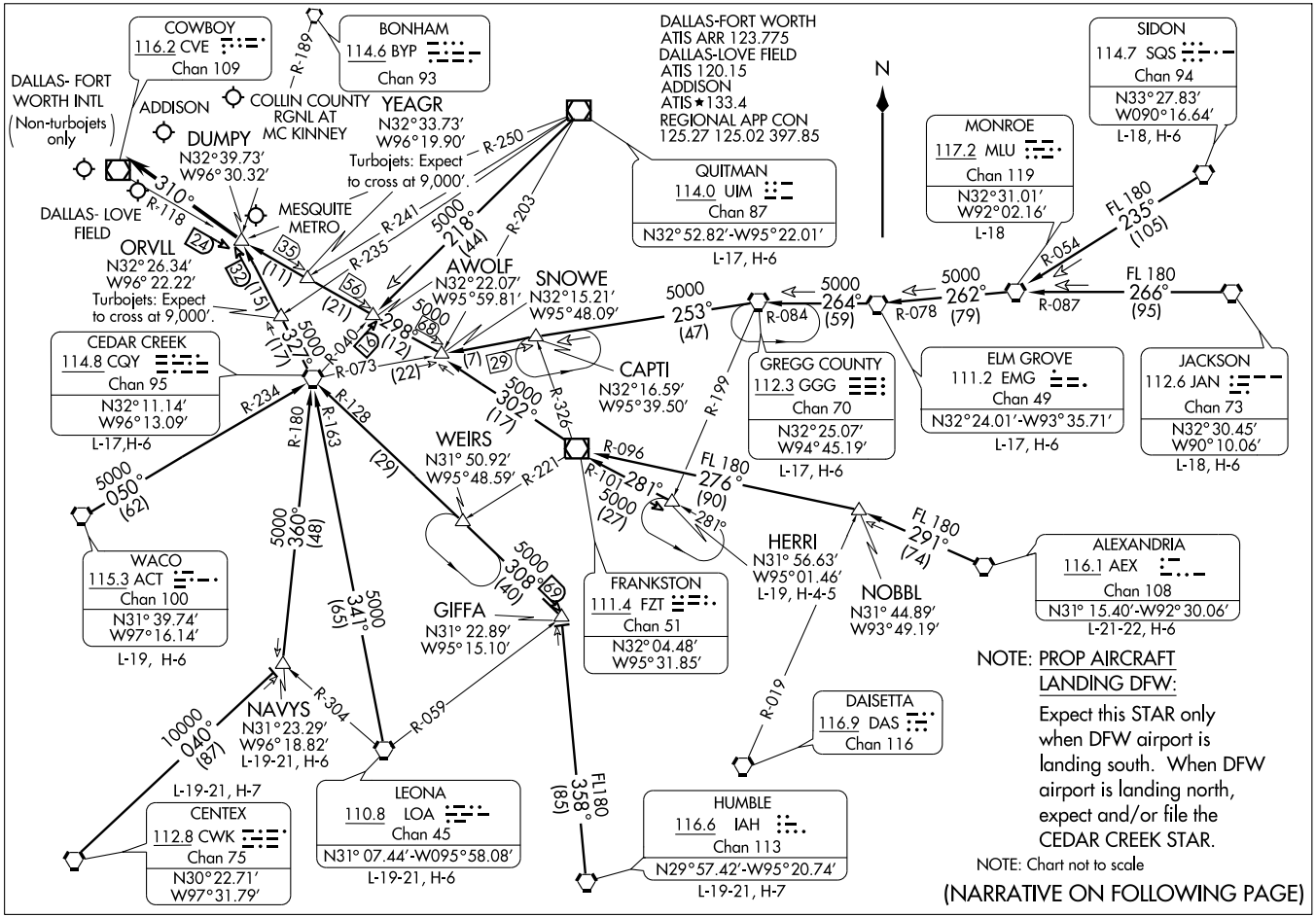
TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:

Rwy 15: Building 2.1 NM from DER, on centerline, 360' AGL/974' MSL. Multiple buildings beginning 258' to 1.8 NM from DER, 21' to1307' on centerline, up to 152' AGL/787' MSL; Multiple buildings, R/R, road beginning 268' to 1.9 NM from DER, 5' to 995' right of centerline, up to 311' AGL/955' MSL.

Rwy 33: Multiple poles and buildings beginning 46' to 3124' from DER, 186' to 801' right of centerline, up to 84' AGL/720' MSL. Multiple poles and buildings beginning 640' to 2690' from DER, 21' to 647' left of centerline, up to 65' AGL/709' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


DUMPY THREE ARRIVAL
(DUMPY.DUMPY3) 09351
ST-6039 (FAA)
DALLAS-FT. WORTH, TEXAS
COWBOY
116.2 CVE
Chan 109
BONHAM
114.6 BYP
Chan 93
R-189
DALLAS-FORT WORTH
ATIS ARR 123.775
DALLAS-LOVE FIELD
ATIS 120.15
ADDISON
ATIS ★133.4
REGIONAL APP CON
125.27 125.02 397.85
N
SIDON
114.7 SQS
Chan 94
N33°27.83'
W090°16.64'
L-18, H-6
DALLAS- FORT
WORTH INTL
(Non-turbojets
only)
ADDISON
COLLIN COUNTY
RGNL AT
MC KINNEY
YEAGR
N32°33.73'
W96°19.90'
DUMPY
N32°39.73'
W96°30.32'
Turbojets: Expect
to cross at 9,000'.
R-250
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01'
W92°02.16'
L-18
FL 180
235°
(105)
R-054
310°
R-118
DALLAS- LOVE
FIELD
MESQUITE
METRO
ORVLL
N32°26.34'
W96° 22.22'
Turbojets: Expect
to cross at 9,000'.
5000
218°
(44)
R-241
R-235
R-203
AWOLF
N32°22.07'
W95°59.81'
SNOWE
N32°15.21'
W95°48.09'
5000
253°
(47)
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14'
W96°13.09'
L-17,H-6
R-040
R-073
5000
298°
(12)
5000
322°
(17)
CAPTI
N32°16.59'
W95°39.50'
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'
W94°45.19'
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93° 35.71'
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45'
W90°10.06'
L-18, H-6
R-234
R-180
R-163
R-128
R-326
R-199
5000
302°
(17)
WEIRS
N31° 50.92'
W95°48.59'
R-096
R-221
R-101
5000
281°
(27)
FL 180
276°
(90)
5000
050°
(62)
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
281°
FL 180
291°
(74)
HERRI
N31° 56.63'
W95°01.46'
L-19, H-4-5
NOBBL
N31° 44.89'
W93°49.19'
ALEXANDRIA
116.1 AEX
Chan 108
N31° 15.40'-W92° 30.06'
L-21-22, H-6
WACO
115.3 ACT
Chan 100
N31° 39.74'
W97°16.14'
L-19, H-6
GIFFA
N31° 22.89'
W95°15.10'
FRANKSTON
111.4 FZT
Chan 51
N32° 04.48'
W95° 31.85'
NOTE: PROP AIRCRAFT
LANDING DFW:
Expect this STAR only
when DFW airport is
landing south. When DFW
airport is landing north,
expect and/or file the
CEDAR CREEK STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
10000
040°
(87)
NAVYS
N31°23.29'
W96°18.82'
L-19-21, H-6
L-19-21, H-7
R-304
R-059
R-019
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
LEONA
110.8 LOA
Chan 45
N31° 07.44'-W095°58.08'
L-19-21, H-6
FL180
358°
(85)
HUMBLE
116.6 IAH
Chan 113
N29°57.42'-W95°20.74'
L-19-21, H-7

DUMPY THREE ARRIVAL

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DUMPY3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

CEDAR CREEK TRANSITION (CQY.DUMPY3): From over CQY VORTAC via CQY R-327 to DUMPY INT. Thence....

CENTEX TRANSITION (CWK.DUMPY3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC , then via CQY R-327 to DUMPY INT. Thence . . . .

ELM GROVE TRANSITION (EMG.DUMPY3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

GREGG COUNTY TRANSITION (GGG.DUMPY3): From over GGG VORTAC via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HERRI TRANSITION (HERRI.DUMPY3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HUMBLE TRANSITION (IAH.DUMPY3): From over IAH VORTAC via IAH R-358 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

JACKSON TRANSITION (JAN.DUMPY3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

LEONA TRANSITION (LOA.DUMPY3): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-327 to DUMPY INT.

MONROE TRANSITION (MLU.DUMPY3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

NAVYS TRANSITION (NAVYS.DUMPY3): From over NAVYS INT via CQY R-180 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

QUITMAN TRANSITION (UIM.DUMPY3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to AWOLF INT, then via CVE R-118 to DUMPY INT. Thence . . . .

SIDON TRANSITION (SQS.DUMPY3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

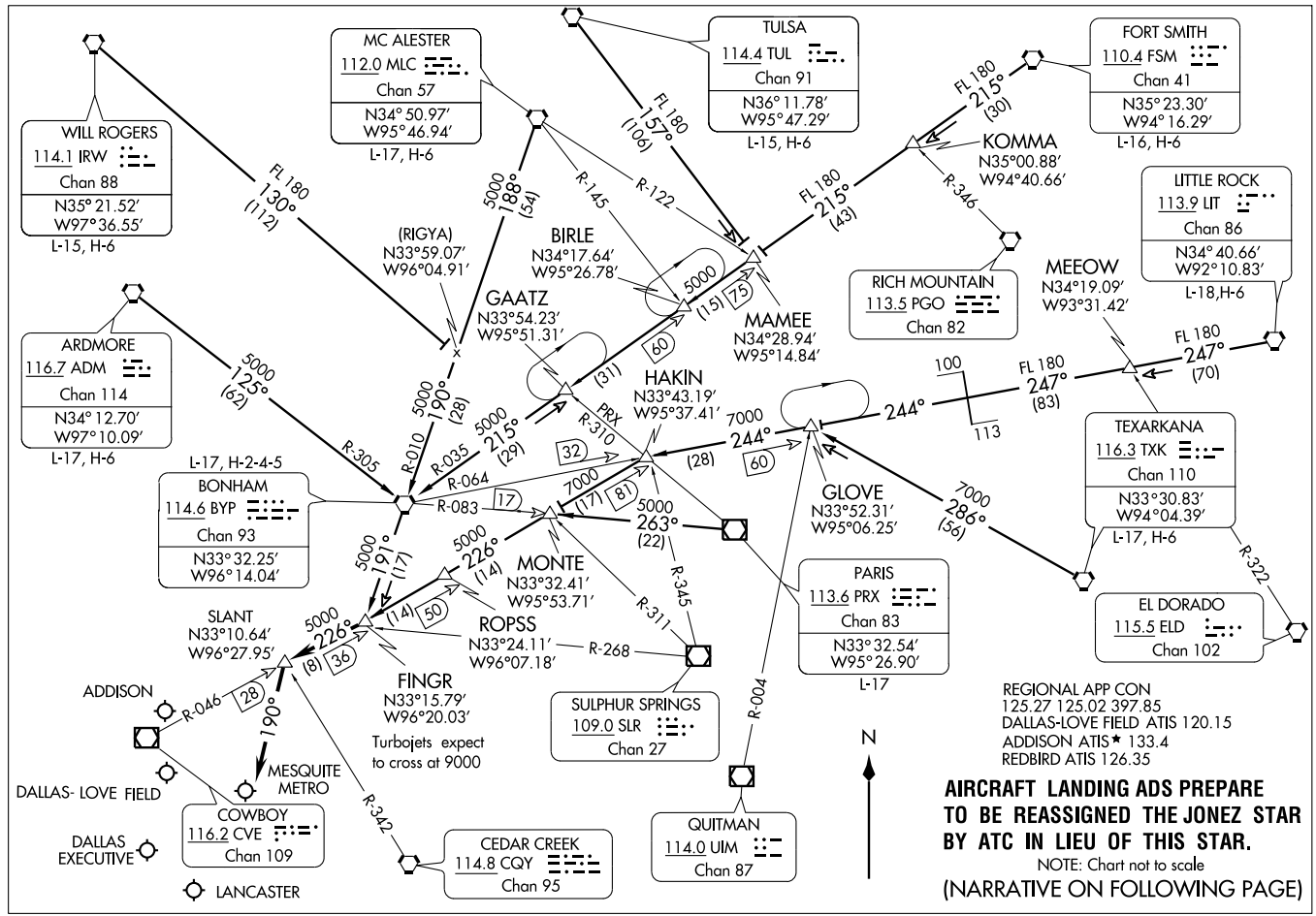
WACO TRANSITION (ACT.DUMPY3): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

. . . . From over DUMPY INT.

LANDING SOUTH: Depart DUMPY INT heading 310° for vectors to final approach course.

LANDING NORTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


FINGR THREE ARRIVAL
(FINGR.FINGR3) 09351
ST-106 (FAA)
DALLAS-FT. WORTH, TEXAS
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52′
W97° 36.55′
L-15, H-6
MC ALESTER
112.0 MLC
Chan 57
N34° 50.97′
W95° 46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78′
W95° 47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35° 23.30′
W94° 16.29′
L-16, H-6
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34° 40.66′
W92° 10.83′
L-18,H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
MEEOW
N34°19.09′
W93°31.42′
ARDMORE
116.7 ADM
Chan 114
N34° 12.70′
W97° 10.09′
L-17, H-6
(RIGYA)
N33°59.07′
W96°04.91′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
MAMEE
N34°28.94′
W95°14.84′
HAKIN
N33°43.19′
W95°37.41′
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′
W94°04.39′
L-17, H-6
L-17, H-2-4-5
BONHAM
114.6 BYP
Chan 93
N33° 32.25′
W96° 14.04′
GLOVE
N33°52.31′
W95°06.25′
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33° 32.54′
W95° 26.90′
L-17
EL DORADO
115.5 ELD
Chan 102
SLANT
N33°10.64′
W96°27.95′
ROPSS
N33°24.11′
W96°07.18′
FINGR
N33°15.79′
W96°20.03′
Turbojets expect
to cross at 9000
SULPHUR SPRINGS
109.0 SLR
Chan 27
ADDISON
MESQUITE METRO
DALLAS- LOVE FIELD
COWBOY
116.2 CVE
Chan 109
DALLAS EXECUTIVE
LANCASTER
CEDAR CREEK
114.8 CQY
Chan 95
QUITMAN
114.0 UIM
Chan 87
FL 180 130° (112)
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
FL 180 247° (70)
FL 180 247° (83)
5000 188° (54)
5000 125° (62)
5000 190° (28)
5000 215° (29)
5000 191° (17)
5000 226° (14)
5000 226° (8)
5000 263° (22)
7000 244° (28)
7000 286° (56)
R-145
R-122
R-346
R-305
R-010
R-035
R-064
R-083
R-310
R-345
R-311
R-268
R-342
R-004
R-322
(15) 75
(31) 60
PRX
32
17
(17) 81
(14) 50
(8) 36
28
190°
R-046
244°
100
113
7000
60
N
REGIONAL APP CON
125.27 125.02 397.85
DALLAS-LOVE FIELD ATIS 120.15
ADDISON ATIS★ 133.4
REDBIRD ATIS 126.35
AIRCRAFT LANDING ADS PREPARE TO BE REASSIGNED THE JONEZ STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

FINGR THREE ARRIVAL (FINGR.FINGR3)

ARRIVAL DESCRIPTION

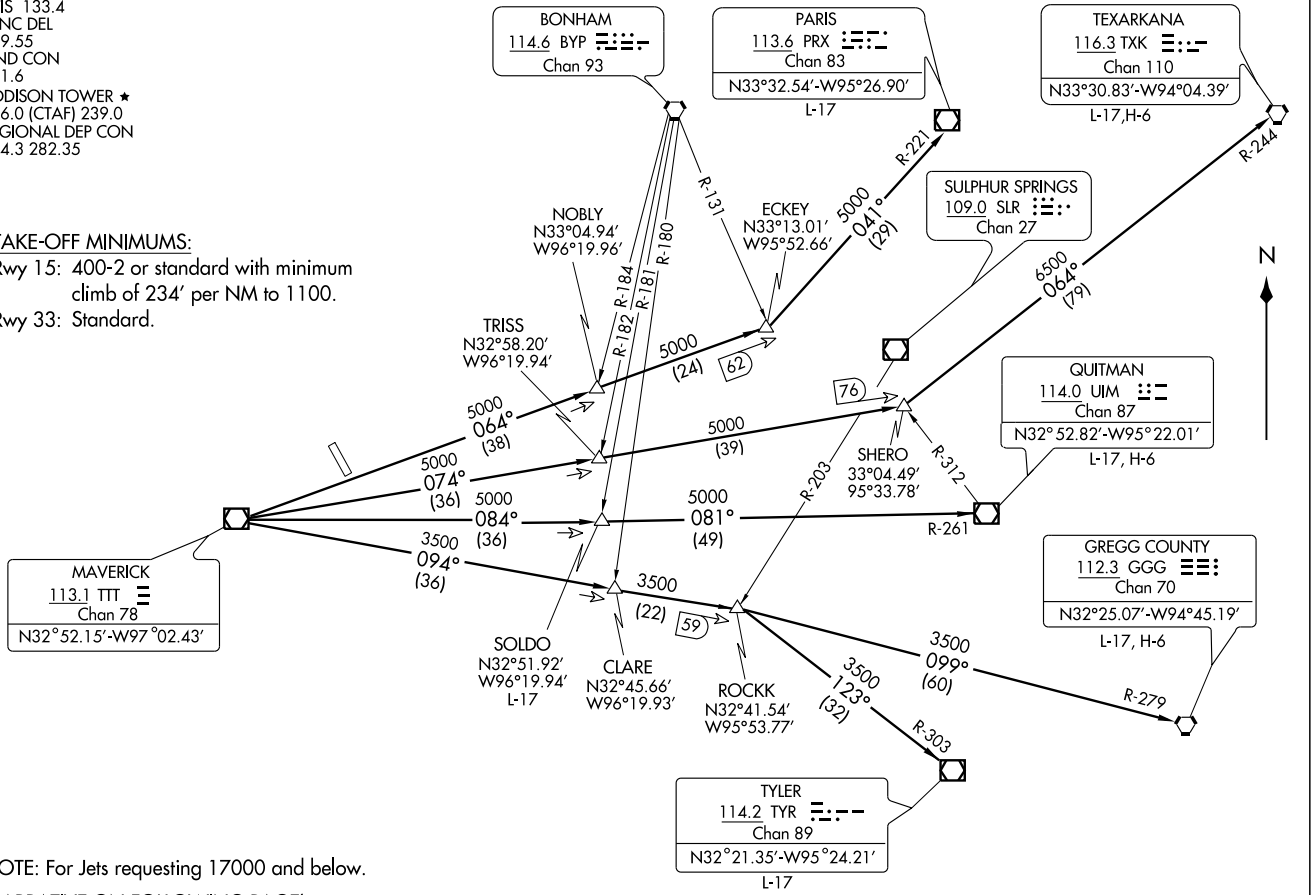
ARDMORE TRANSITION (ADM.FINGR3): From over ADM VORTAC via ADM R-125 and BYP R-305 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
BONHAM TRANSITION (BYP.FINGR3): From over BYP VORTAC via BYP R-191 to to FINGR INT. Thence . . . .
FORT SMITH TRANSITION (FSM.FINGR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
LITTLE ROCK TRANSITION (LIT.FINGR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
MC ALESTER TRANSITION (MLC.FINGR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
PARIS TRANSITION (PRX.FINGR3): From over PRX VOR/DME via PRX R-263 to MONTE INT, then via CVE R-046 to FINGR INT. Thence . . . .
TEXARKANA TRANSITION (TXK.FINGR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
TULSA TRANSITION (TUL.FINGR3): From over TUL VORTAC via TUL R-157 to to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
WILL ROGERS TRANSITION (IRW.FINGR3): From over IRW VORTAC via IRW R-130 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . . From over FINGR INT via CVE R-046 to SLANT INT.
AIRCRAFT LANDING NORTH: Depart SLANT INT heading 190° for vectors to final approach course.
AIRCRAFT LANDING SOUTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE

ATIS 133.4
CLNC DEL
119.55
GND CON
121.6
ADDISON TOWER ★
126.0 (CTAF) 239.0
REGIONAL DEP CON
124.3 282.35

TAKE-OFF MINIMUMS:
Rwy 15: 400-2 or standard with minimum climb of 234′ per NM to 1100.
Rwy 33: Standard.



NOTE: For Jets requesting 17000 and below.
(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

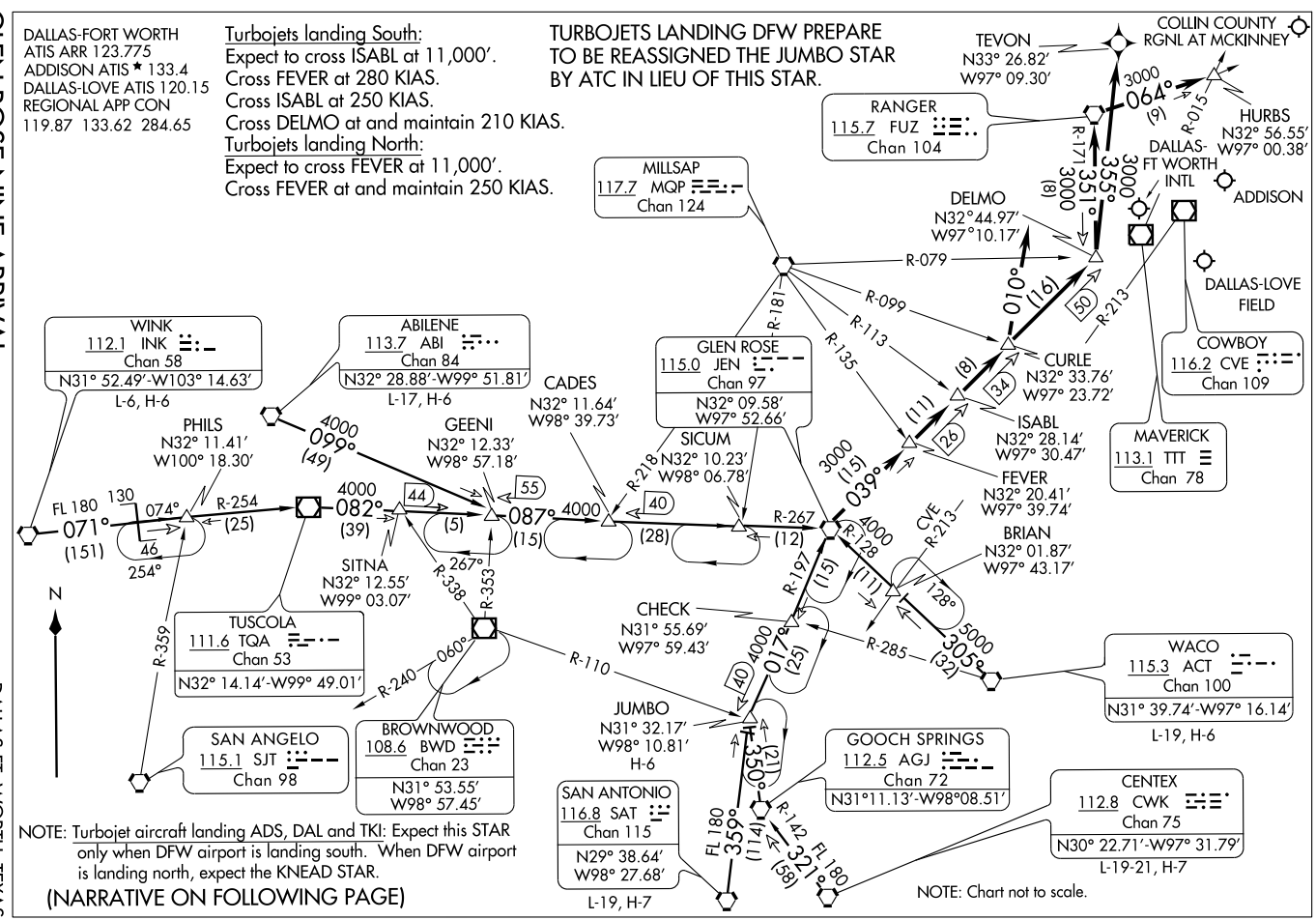
TAKE-OFF OBSTACLES:
Rwy 15: Building 2.1 NM from DER, on centerline, 360' AGL/974' MSL.
Multiple buildings beginning 258' to 1.8 NM from DER, 21' to 1307' left of centerline, up to 152' AGL/787' MSL.
Multiple buildings, R/R, road beginning 268' to 1.9 NM from DER, 5' to 995' right of centerline, up to 311' AGL/955' MSL.
Rwy 33: Multiple poles and buildings beginning 46' to 3124' from DER, 186' to 801' right of centerline, up to 84' AGL/720' MSL.
Multiple poles and buildings beginning 640' to 2690' from DER, 21' to 647' left of centerline, up to 65' AGL/709' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH
ATIS ARR 123.775
ADDISON ATIS ★ 133.4
DALLAS-LOVE ATIS 120.15
REGIONAL APP CON
119.87 133.62 284.65

Turbojets landing South:
Expect to cross ISABL at 11,000′.
Cross FEVER at 280 KIAS.
Cross ISABL at 250 KIAS.
Cross DELMO at and maintain 210 KIAS.
Turbojets landing North:
Expect to cross FEVER at 11,000′.
Cross FEVER at and maintain 250 KIAS.

TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE JUMBO STAR BY ATC IN LIEU OF THIS STAR.



NOTE: Turbojet aircraft landing ADS, DAL and TKI: Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the KNEAD STAR.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.JEN9): From over ABI VORTAC via R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

CENTEX TRANSITION (CWK.JEN9): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

JUMBO TRANSITION (JUMBO.JEN9): From over JUMBO INT via JEN R-197 to JEN VORTAC. Thence . . . .

SAN ANTONIO TRANSITION (SAT.JEN9): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

WACO TRANSITION (ACT.JEN9): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC. Thence. . . .

WINK TRANSITION (INK.JEN9): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over JEN VORTAC via JEN R-039, thence . . . .

ALL AIRCRAFT LANDING NORTH: To CURLE INT, expect vectors to final approach course.

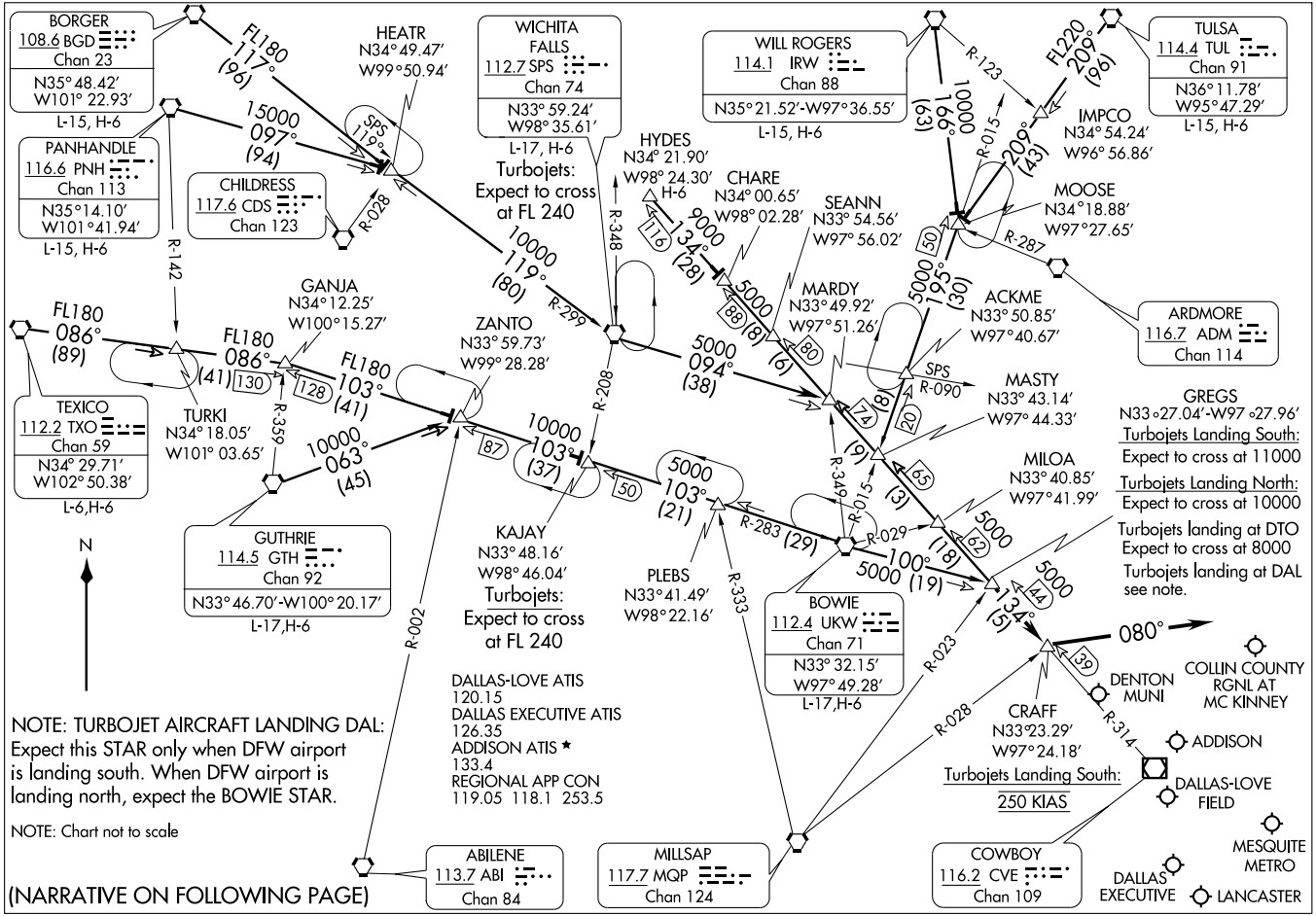
JETS LANDING SOUTH: To DELMO, depart DELMO heading 355°.

For /E, /F, /G and /R (RNP 2.0) EQUIPMENT SUFFIXED AIRCRAFT: From over DELMO WP direct TEVON WP, expect vector to final approach course prior to TEVON WP. If not received by TEVON fly present heading.

NON TURBOJETS LANDING SOUTH: To CURLE INT, depart CURLE heading 010° for vectors to final approach course.

AIRCRAFT LANDING DAL, ADS, TKI: To DELMO INT, depart DELMO via FUZ R-171 to FUZ VORTAC then FUZ R-064 to HURBS INT, expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

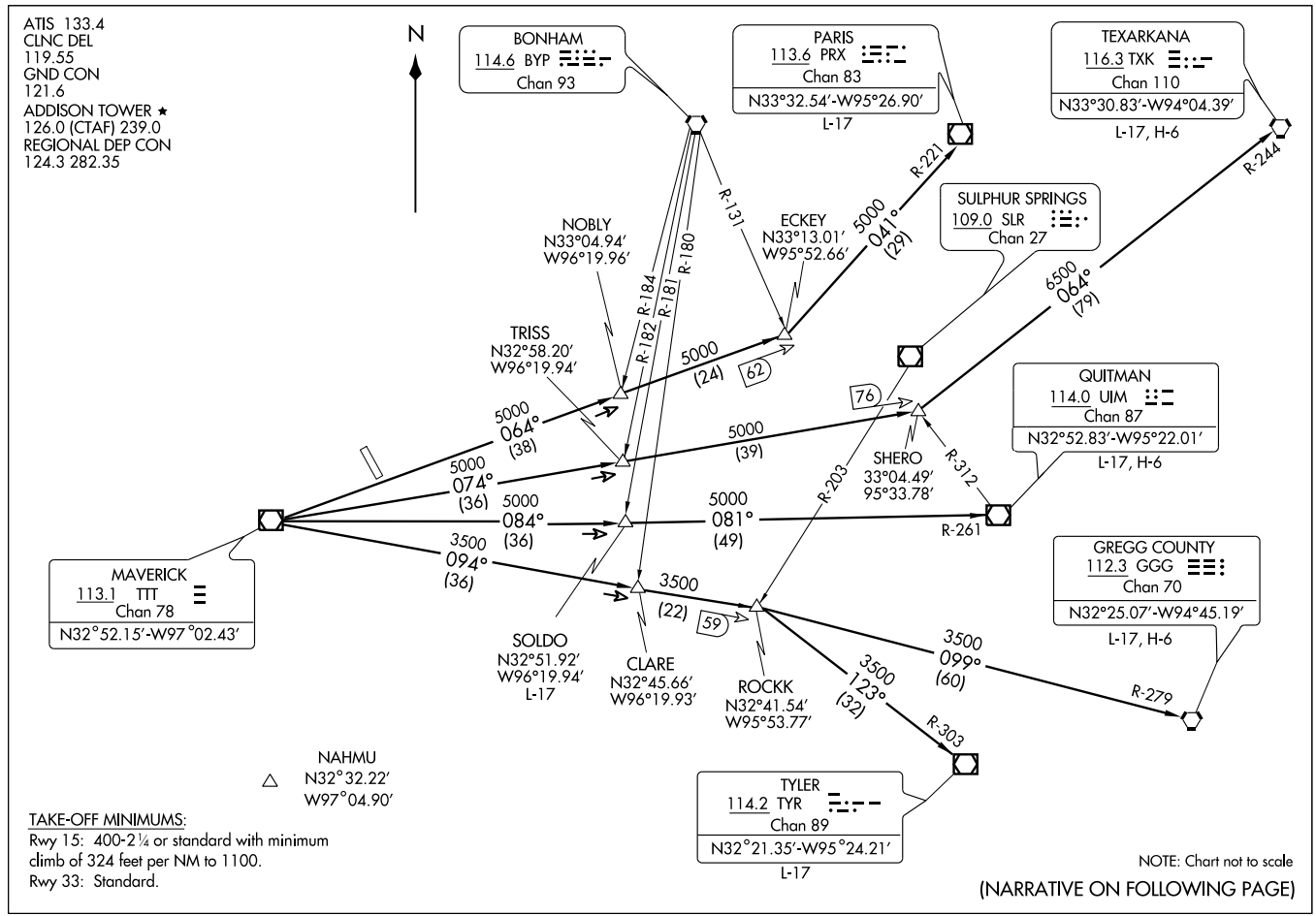
WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 15:
Multiple buildings beginning 1,085' from departure end of runway, 21' left of centerline, up to 321' AGL/945' MSL.
Building with antenna, 1.9 NM from departure end of runway, 968' right of centerline, 345' AGL/975' MSL.
Pole 666' from departure end of runway, 640' left of centerline, 60' AGL/681' MSL.
Multiple trees beginning 721' from departure end of runway, 115' left of centerline, up to 40' AGL/675' MSL.
Road, railroad beginning 268' from departure end of runway, 5' right of centerline, up to 23' AGL/655' MSL.
Rwy 33:
Multiple poles and trees beginning 640' from departure end of runway, 21' left of centerline, up to 60' AGL/709' MSL.
Multiple buildings beginning 1,225' from departure end of runway, 147' left of centerline, up to 37' AGL/697' MSL.
Multiple building beginning 45' from departure end of runway, 458' right of centerline, up to 57' AGL/696' MSL.
Multiple poles beginning 922' from departure end of runway, 186' right of centerline, up to 60' AGL/720' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-ADS	APP CRS	Rwy Idg	6223
110.1	155°	TDZE	643
Chan 38		Apt Elev	644

ILS or LOC RWY 15

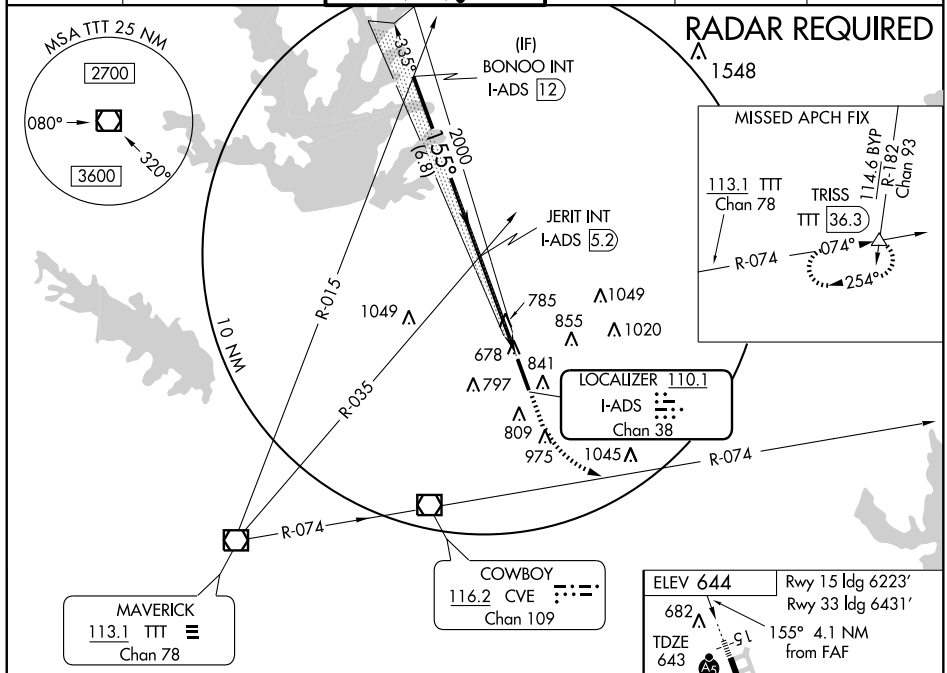
DALLAS/ADDISON (ADS)

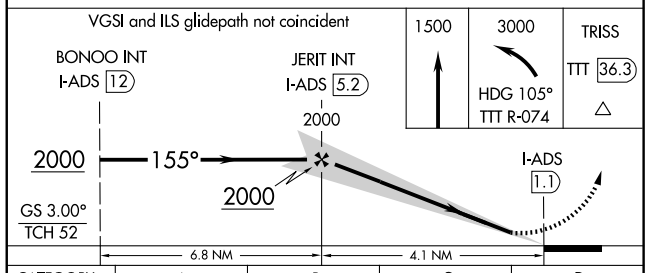
When control tower closed, obtain local altimeter setting on UNICOM; when not received, use Dallas-Love Field altimeter setting and increase all DAs 39 feet and MDAs 40 feet.
Inoperative table does not apply to S-ILS 15 all Cats, S-LOC 15 Cats A, B & C. For inoperative MALSR, increase S-LOC 15 Cat D visibility to 1¼. Visibility reduction by helicopters NA.

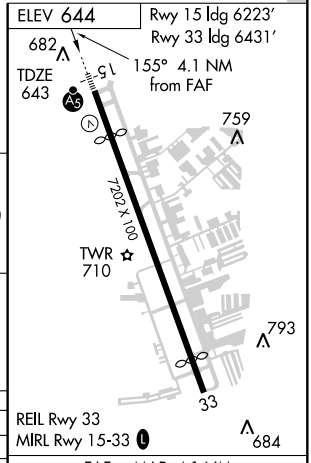
MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 via heading 105° and TTT VOR/DME R-074 to TRISS Int/TTT 36.3 DME and hold.

ATIS	REGIONAL APP CON	ADDISON TOWER★	GND CON	CLNC DEL	UNICOM
133.4	124.3 282.275	126.0 (CTAF) L 239.0	121.6	119.55	122.95







CATEGORY	A	B	C	D
S-ILS 15	893-1 250 (300-1)			
S-LOC 15	1040-1 397 (400-1)			
CIRCLING	1200-1 556 (600-1)		1240-1½ 596 (600-1½)	1280-2 636 (700-2)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-TBQ	APP CRS	Rwy Idg	6431
110.1	335°	TDZE	644
Chan 38		Apt Elev	644

ILS or LOC RWY 33

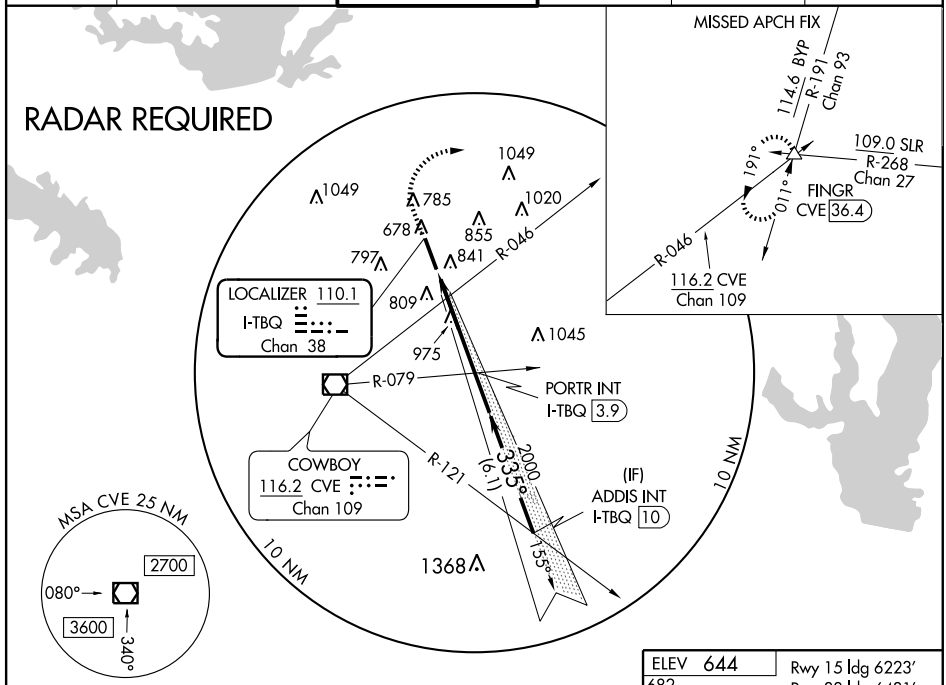
DALLAS/ADDISON (ADS)

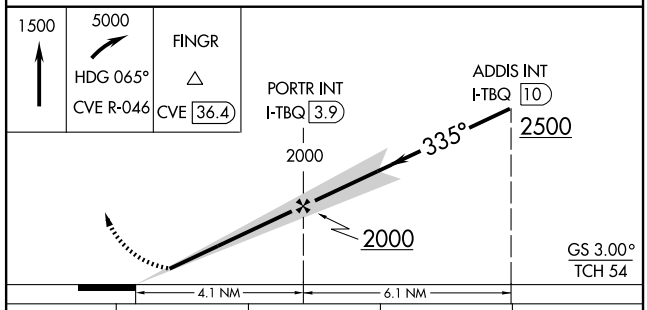
Visibility reduction by helicopters NA. When control tower closed, obtain local altimeter setting on UNICOM; when not received, use Dallas-Love Field altimeter setting and increase all DAs 39 feet and all MDAs 40 feet.

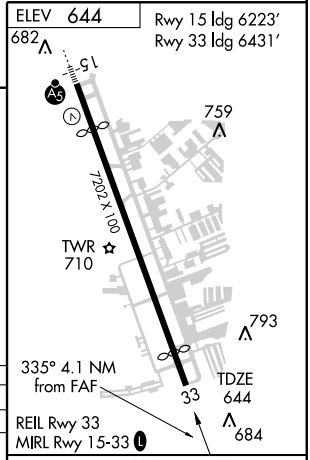
MISSED APPROACH: Climb to 1500 then climbing right turn to 5000 via heading 065° and CVE VOR/DME R-046 to FINGR INT/CVE 36.4 DME and hold.

ATIS	REGIONAL APP CON	ADDISON TOWER ★	GND CON	CLNC DEL	UNICOM
133.4	124.3 282.275	126.0 (CTAF) L 239.0	121.6	119.55	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D
S-ILS 33		894-1 250 (300-1)		
S-LOC 33	1240-1 596 (600-1)		1240-1½ 596 (600-1½)	1240-1¾ 596 (600-1¾)
CIRCLING	1240-1 596 (600-1)		1240-1½ 596 (600-1½)	1280-2 636 (700-2)

FAF to MAP 4.1 NM

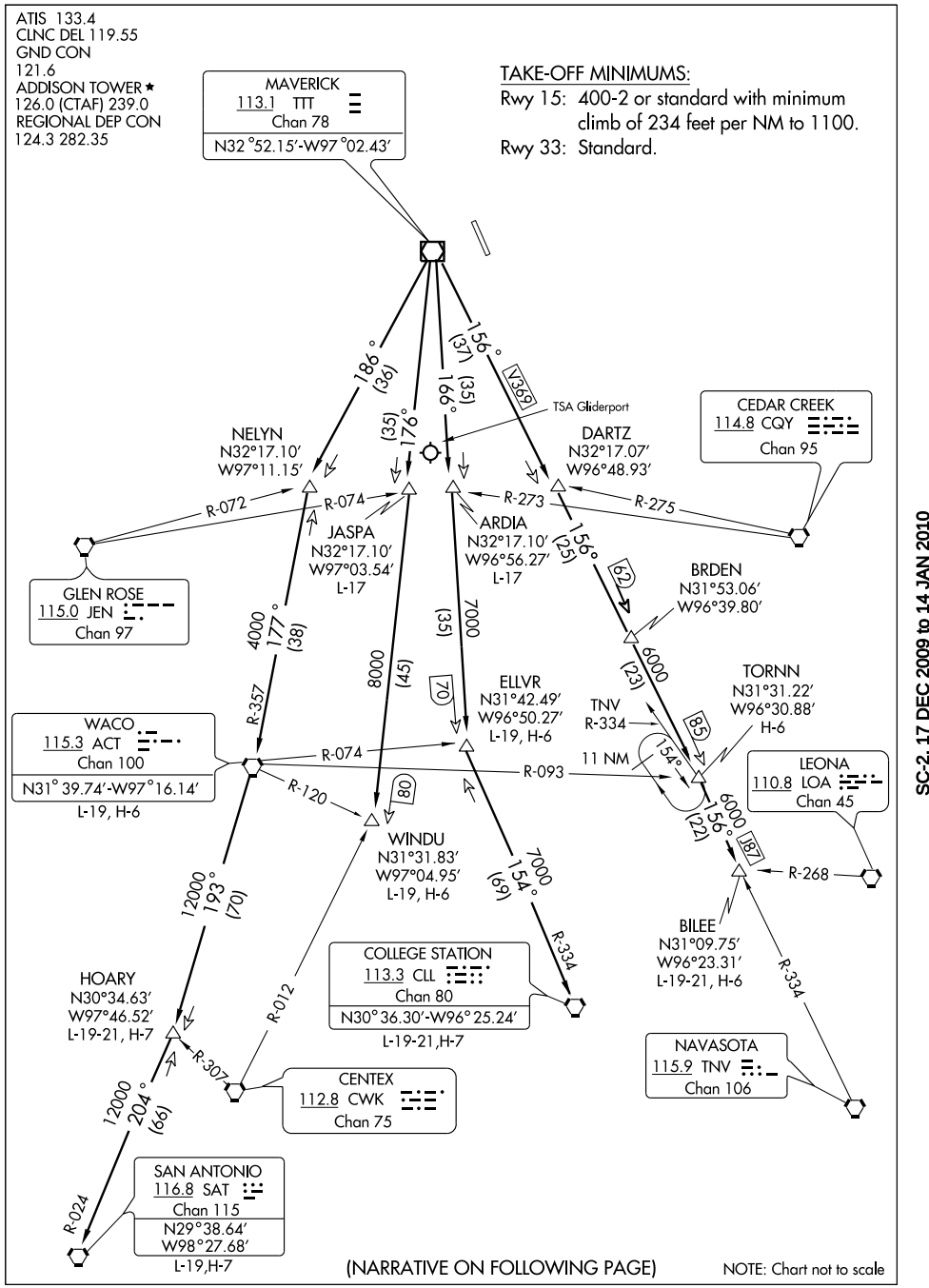
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

SL-768 (FAA)

DALLAS/ADDISON (ADS)
DALLAS, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.
BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.
BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.
COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.
ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.
HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.
JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.
SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.
TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.
WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.
WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

TAKE-OFF OBSTACLES:
Rwy 15: Bldg 2.1 NM from DER, on centerline, 360' AGL/974' MSL.
Multiple bldgs beginning 258' to 1.8 NM from DER, 21' to 1307' on or left of centerline, up to 152' AGL/787' MSL.
Multiple bldgs, R/R, road beginning 268' to 1.9 NM from DER, 5' to 995' right of centerline, up to 31' AGL/955' MSL.
Rwy 33: Multiple poles and bldgs beginning 46' to 3124' from DER, 186' right of centerline, up to 84' AGL/720' MSL.
Multiple poles and bldgs beginning 640' to 2690' from DER, 21' to 647' left of centerline, up to 65' AGL/709' MSL.

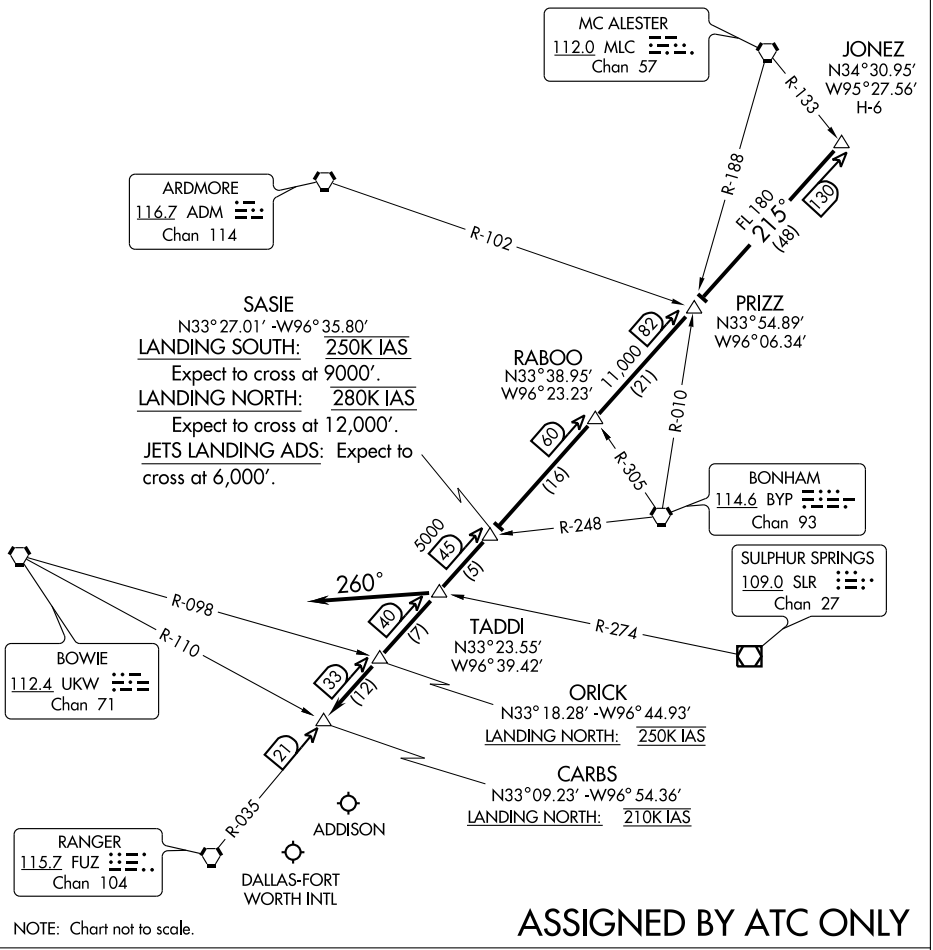
SC-2, 17 DEC 2009 to 14 JAN 2010

JONEZ FOUR ARRIVAL

ST-6039 (FAA)

DALLAS-FT. WORTH, TEXAS

REGIONAL APP CON
125.02 133.52 263.025
ATIS ARR
123.775



NOTE: Chart not to scale.

ASSIGNED BY ATC ONLY

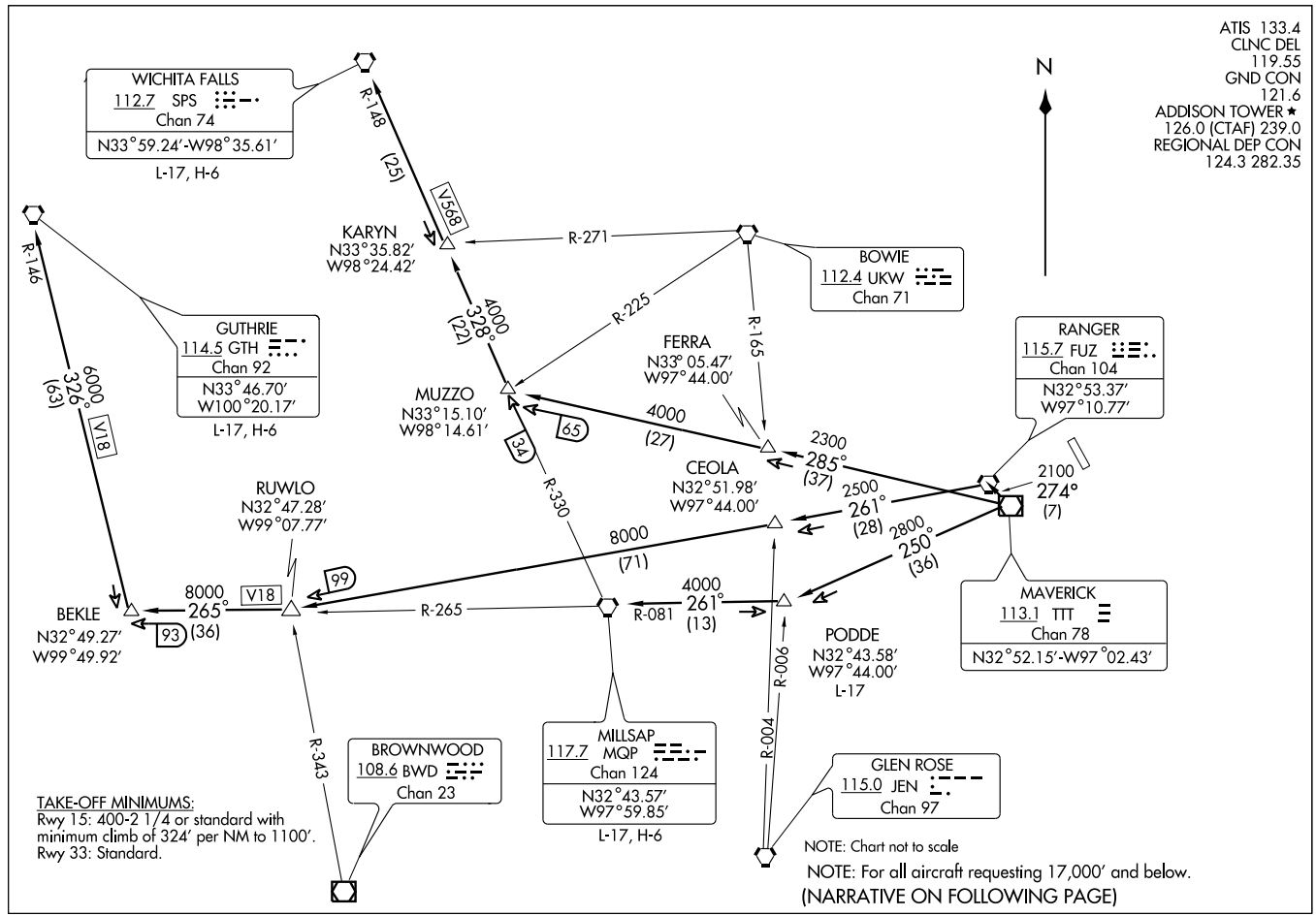
LANDING DFW: From over JONEZ INT via FUZ R-035 to CARBS INT. Expect vectors to final approach course.

LANDING ADS: From over JONEZ INT via FUZ R-035 to TADDI INT, depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

ATIS 133.4
CLNC DEL 119.55
GND CON 121.6
ADDISON TOWER ★ 126.0 (CTAF) 239.0
REGIONAL DEP CON 124.3 282.35



TAKE-OFF MINIMUMS:
Rwy 15: 400-2 1/4 or standard with minimum climb of 324′ per NM to 1100′.
Rwy 33: Standard.

NOTE: Chart not to scale

NOTE: For all aircraft requesting 17,000′ and below.

(NARRATIVE ON FOLLOWING PAGE)

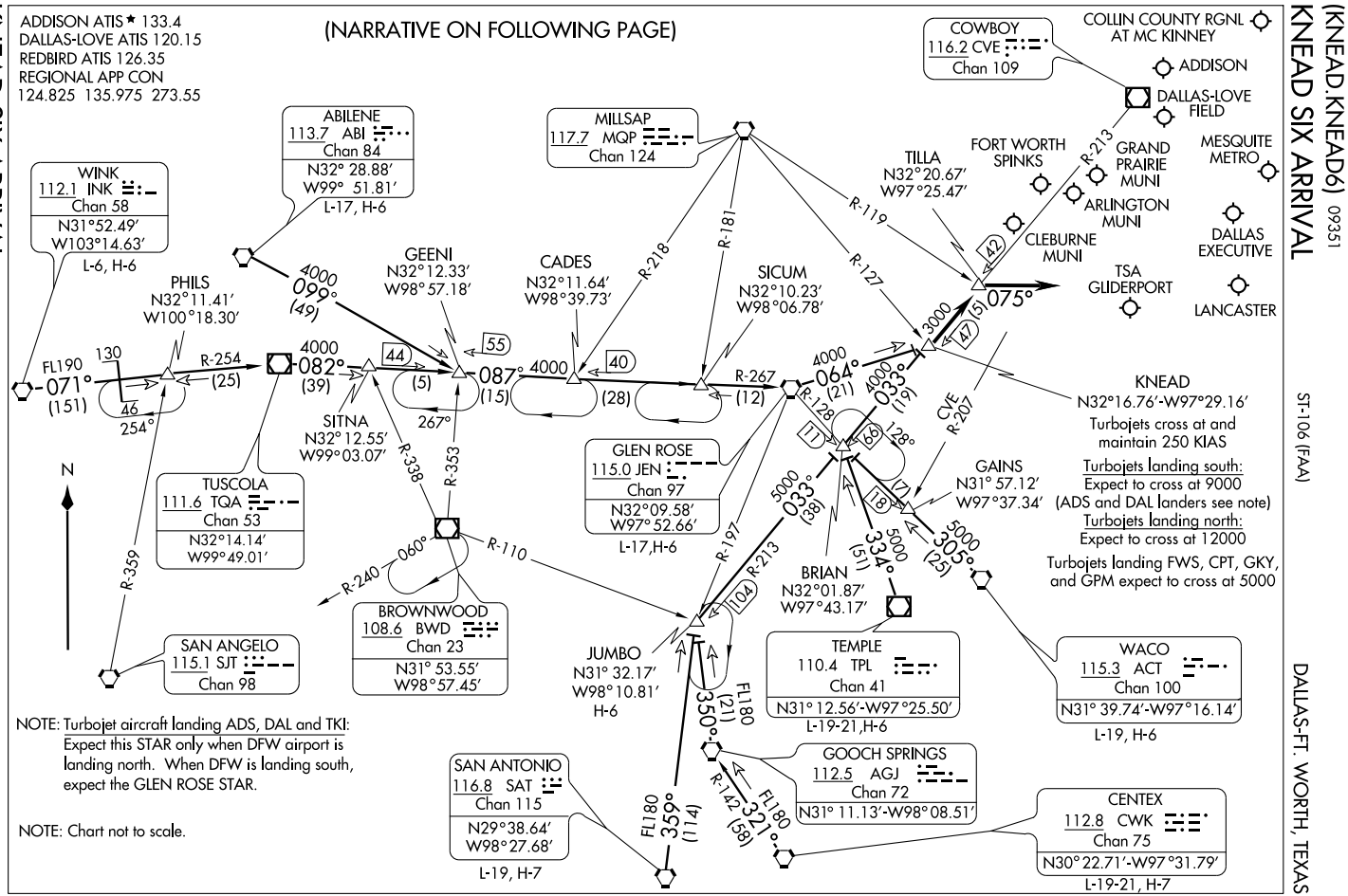
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF OBSTACLES:
Note: Rwy 15, Multiple buildings beginning 1085′ from DER, 21′ left of centerline, up to 321′ AGL/956′ MSL. Building with antenna, 1.9 NM from DER, 968′ right of centerline, 345′ AGL/975′ MSL. Pole 666′ from DER, 640′ left of centerline, 60′ AGL/681′ MSL. Multiple trees beginning 721′ from DER, 115′ left of centerline, up to 40′ AGL/675′ MSL. Road, RR beginning 268′ from DER, 5′ right of centerline, up to 23′ AGL/655′ MSL.
Note: Rwy 33, Multiple poles and trees beginning 640′ from DER, 21′ left of centerline, up to 60′ AGL/709′ MSL. Multiple buildings beginning 1225′ from DER, 147′ left of centerline, up to 37′ AGL/697′ MSL. Multiple buildings beginning 45′ from DER, 458′ right of centerline, up to 57′ AGL/696′ MSL. Multiple poles beginning 922′ from DER, 186′ right of centerline, up to 60′ AGL/720′ MSL

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82202 W15A	APP CRS 155°	Rwy ldg 6223 TDZE 643 Apt Elev 644

RNAV (GPS) RWY 15

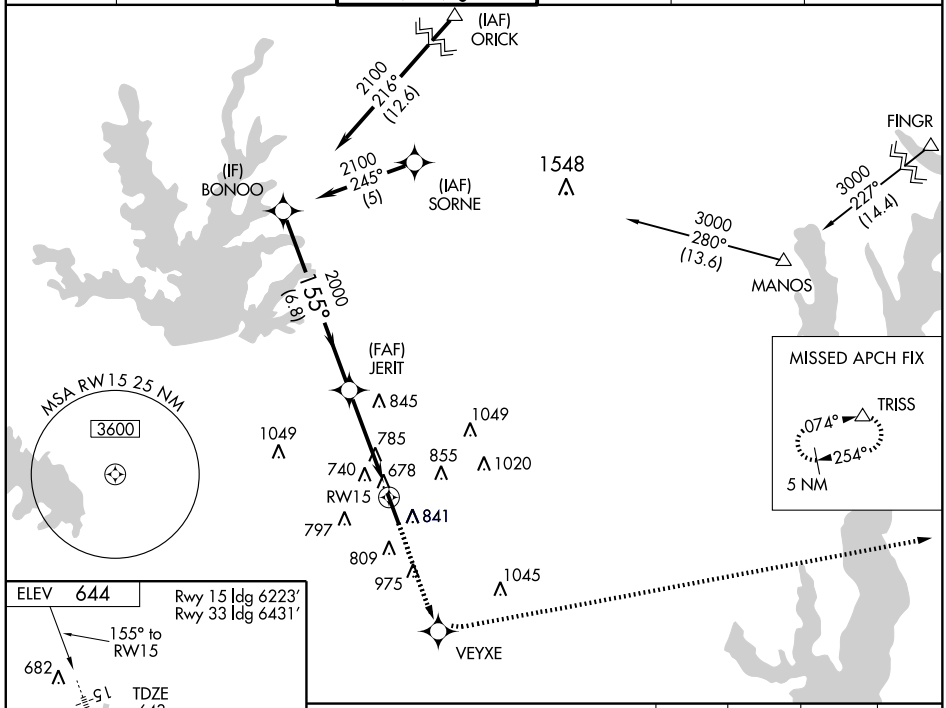
DALLAS/ADDISON (ADS)

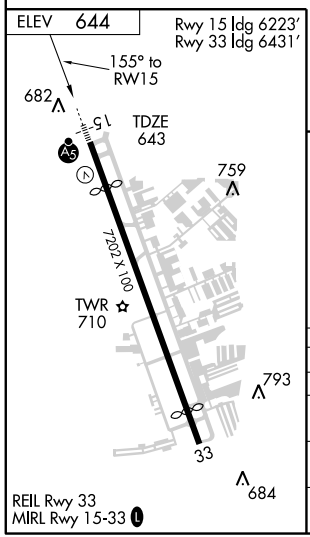
Inoperative table does not apply to LPV all Cats, LNAV/VNAV all Cats, and LNAV Cats A/B. BARO-VNAV NA when using Dallas Love Field altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For inoperative MALSR increase LNAV Cat C visibility to 1¼. When control tower closed, obtain local altimeter setting on UNICOM; when not received use Dallas-Love Field altimeter and increase all DAs by 39 feet and all MDAs by 40 feet.

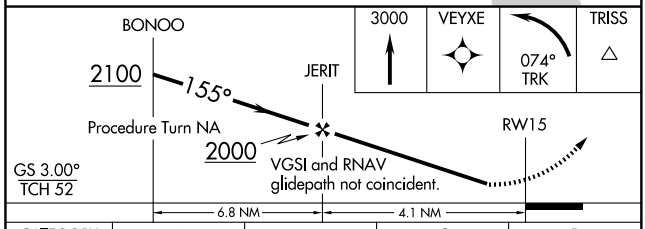
MALSR

MISSED APPROACH: Climb to 3000 direct VEYXE and via 074° track to TRISS and hold.

ATIS	REGIONAL APP CON	ADDISON TOWER ★	GND CON	CLNC DEL	UNICOM
133.4	124.3 282.275	126.0 (CTAF) L 239.0	121.6	119.55	122.95







CATEGORY	A	B	C	D
LPV DA	943-1 300 (300-1)			
LNAV/VNAV DA	1076-1 433 (500-1)			
LNAV MDA	1100-1 457 (500-1)			
CIRCLING	1200-1 556 (600-1)		1240-1½ 596 (600-1½)	1280-2 636 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6431
335°	TDZE	644
	Apt Elev	644

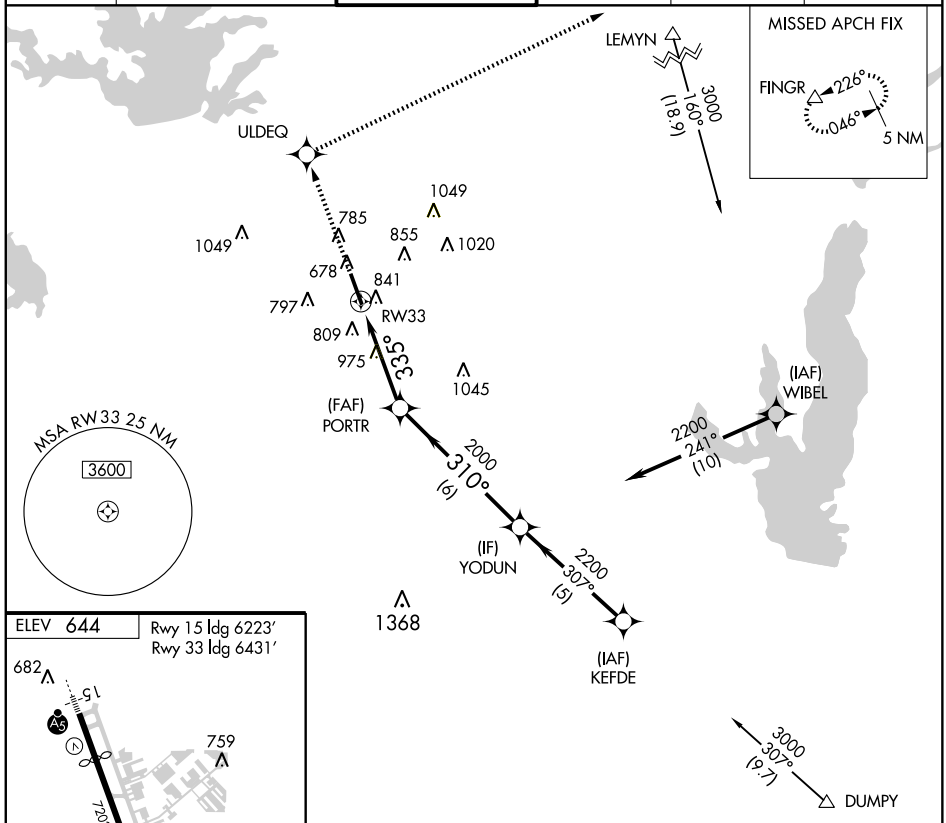
RNAV (GPS) RWY 33

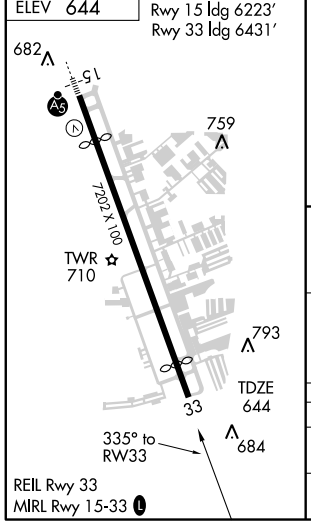
DALLAS/ ADDISON (ADS)

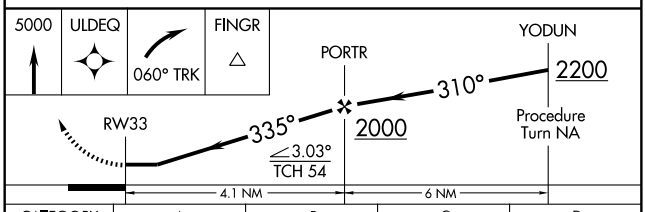
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When control tower closed, obtain local altimeter setting on unicom; when not received use Dallas-Love Field altimeter setting and increase all MDAs 40 feet and LNAV visibility Cats C and D ¼ mile and circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 5000 direct ULDEQ and via 060° track to FINGR and hold.

ATIS	REGIONAL APP CON	ADDISON TOWER ★	GND CON	CLNC DEL	UNICOM
133.4	124.3 282.275	126.0 (CTAF) 239.0	121.6	119.55	122.95







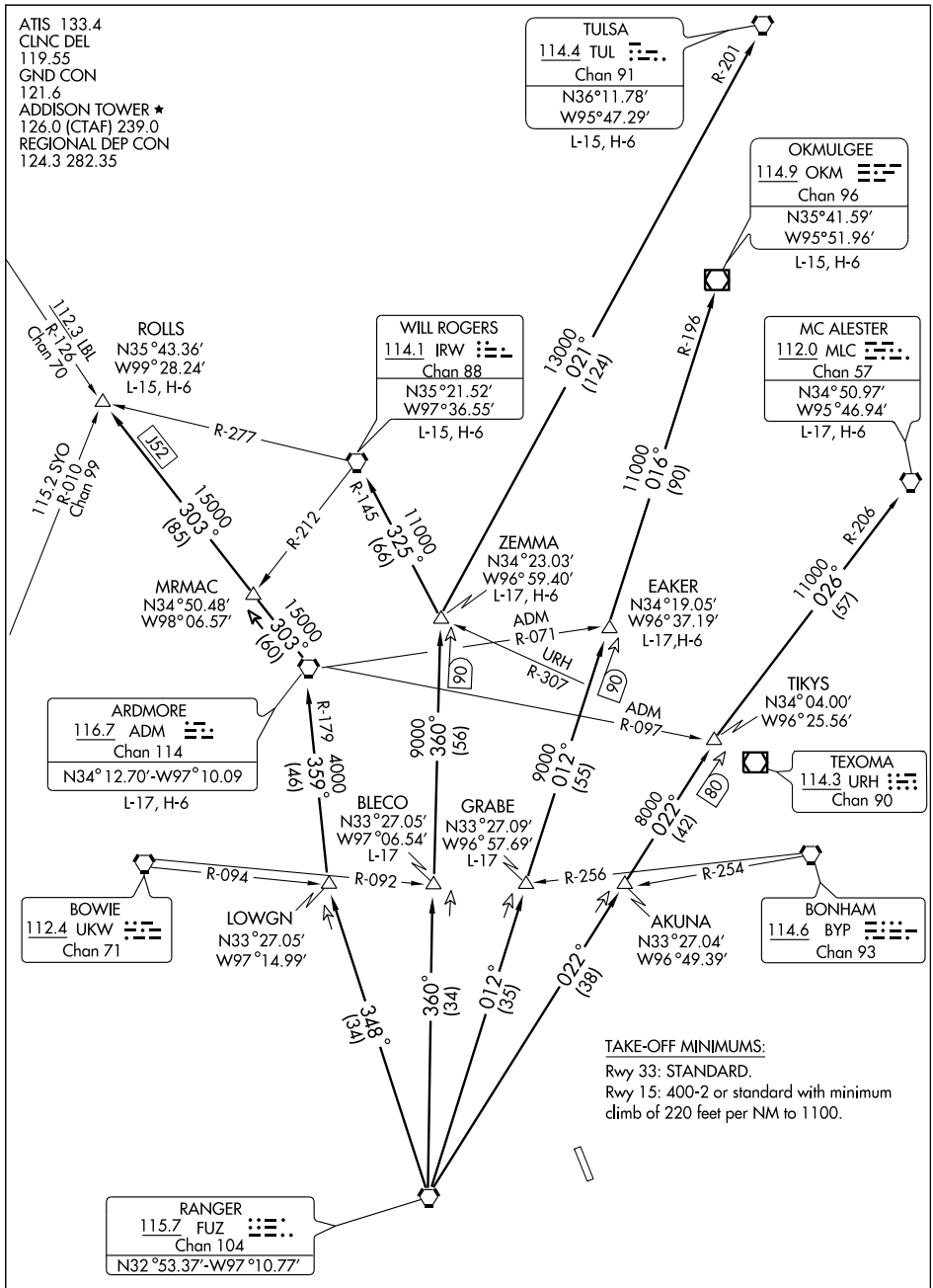
CATEGORY	A	B	C	D
LNAV MDA	1240-1 596 (600-1)		1240-1½ 596 (600-1½)	1240-1¾ 596 (600-1¾)
CIRCLING	1240-1 596 (600-1)		1240-1½ 596 (600-1½)	1280-2 636 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-768 (FAA)

DALLAS/ADDISON (ADS)
DALLAS, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

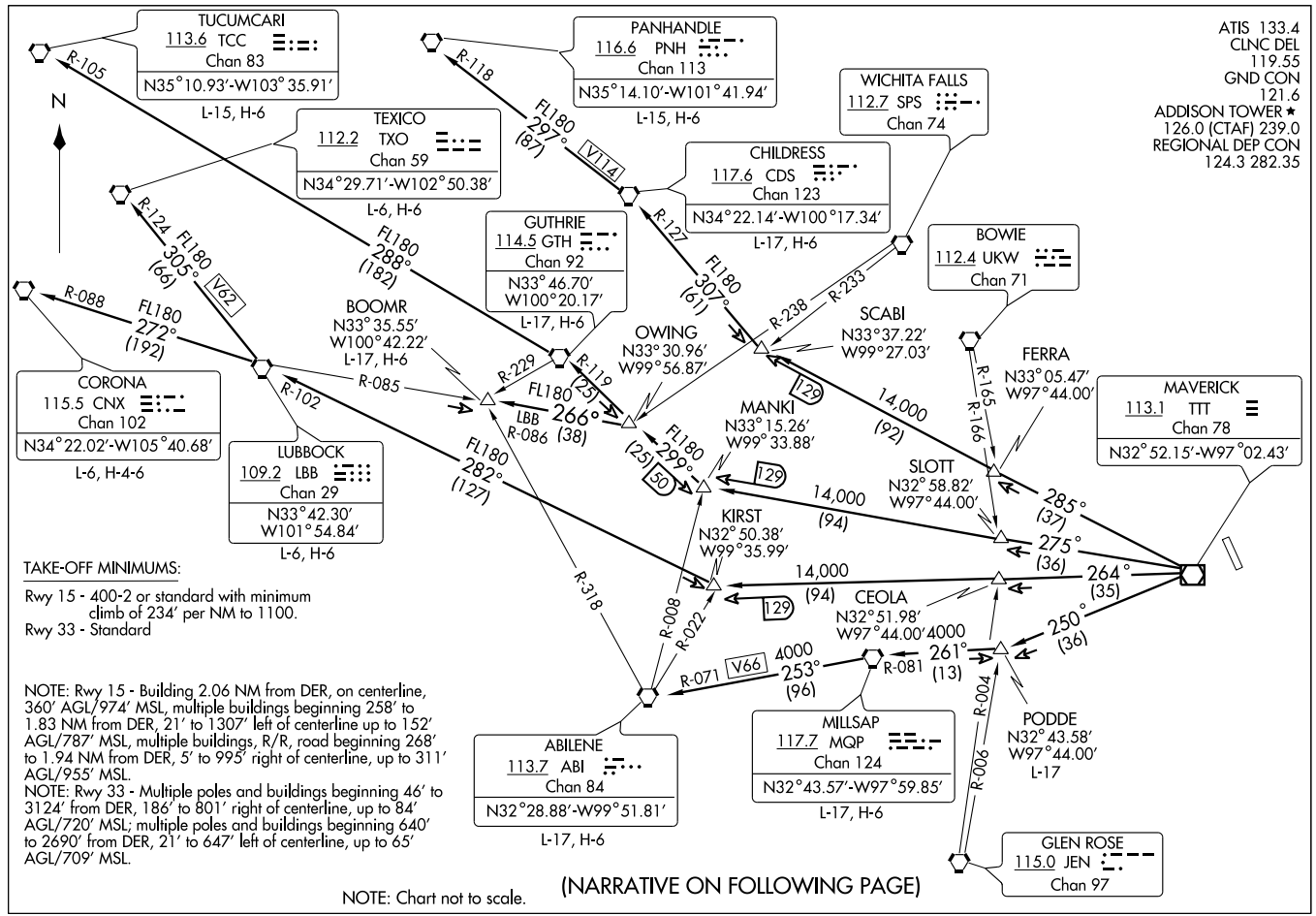
TAKE-OFF OBSTACLES:

Rwy 15: Building 2.1 NM from DER, on centerline, 360' AGL/974' MSL. Multiple buildings beginning 258' to 1.8 NM from DER, 21' to 1307' on or left of centerline, up to 152' AGL /787' MSL. Multiple buildings, R/R, road beginning 268' to 1.9 NM from DER, 5' to 995' right of centerline, up to 311' AGL/955' MSL.

Rwy 33: Multiple poles and buildings beginning 46' to 3124' from DER, 186' to 801' right of centerline, up to 84' AGL/720' MSL. Multiple poles and buildings beginning 640' to 2690' from DER, 21' to 647' left of centerline, up to 65' AGL/709' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

WORTH FIVE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

WYLIE FIVE DEPARTURE

ATIS 133.4
CLNC DEL
119.55
GND CON
121.6
ADDISON TOWER ★
126.0 (CTAF) 239.0
REGIONAL DEP CON
124.3 282.35
CTAF 126.0

TAKE-OFF MINIMUMS:
Rwy 15: 400-2¼ or standard with minimum climb of 300′ per NM to 1100′.
Rwy 33: Standard.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.40′
L-17, H-6

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

QUITMAN
114.0 UIM
Chan 87
N32°52.83′-W95°22.01′
L-17, H-6

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26′
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

SAWMILL
113.75 SWB
Chan 84 (Y)
N31°58.39′-W92°40.63′
L-22, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

BONHAM
114.6 BYP
Chan 93

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

GREGG COUNTY
112.3 GGG
Chan 70

ORTRO
N33°41.47′
W94°12.75′

COBUG
N33°17.38′
W95°37.68′

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SHERO
N33°04.49′
W95°33.78′

SOLDO
N32°51.92′
W96°19.94′

SHRLY
N32°44.60′
W94°18.17′

CLARE
N32°45.66′
W96°19.93′

POTEN
N32°39.33′
W95°40.03′

TEKBE
N32°42.80′
W94°47.73′

FL230 055° (117) R-235
R-320
FL230 (75) 151
5000 (38) 76 R-184
6500 064° (79) R-244
R-324
R-187
FL200 077° (125) R-262
5000 064° (38) R-182
5000 (39) 76
14,000 072° (134) R-254
FL200 097° (206)
5000 074° (36) R-181
5000 081° (49) R-261
R-312
R-281
5000 084° (36) R-180
5000 094° (36)
5000 (34) 71
R-183 94 9000 079° (44)
50 (25) (25) R-259
14,000 111° (116)
R-346
R-291

NOTE: For Props requesting FL240 and above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitiude to appropriate route.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.
TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

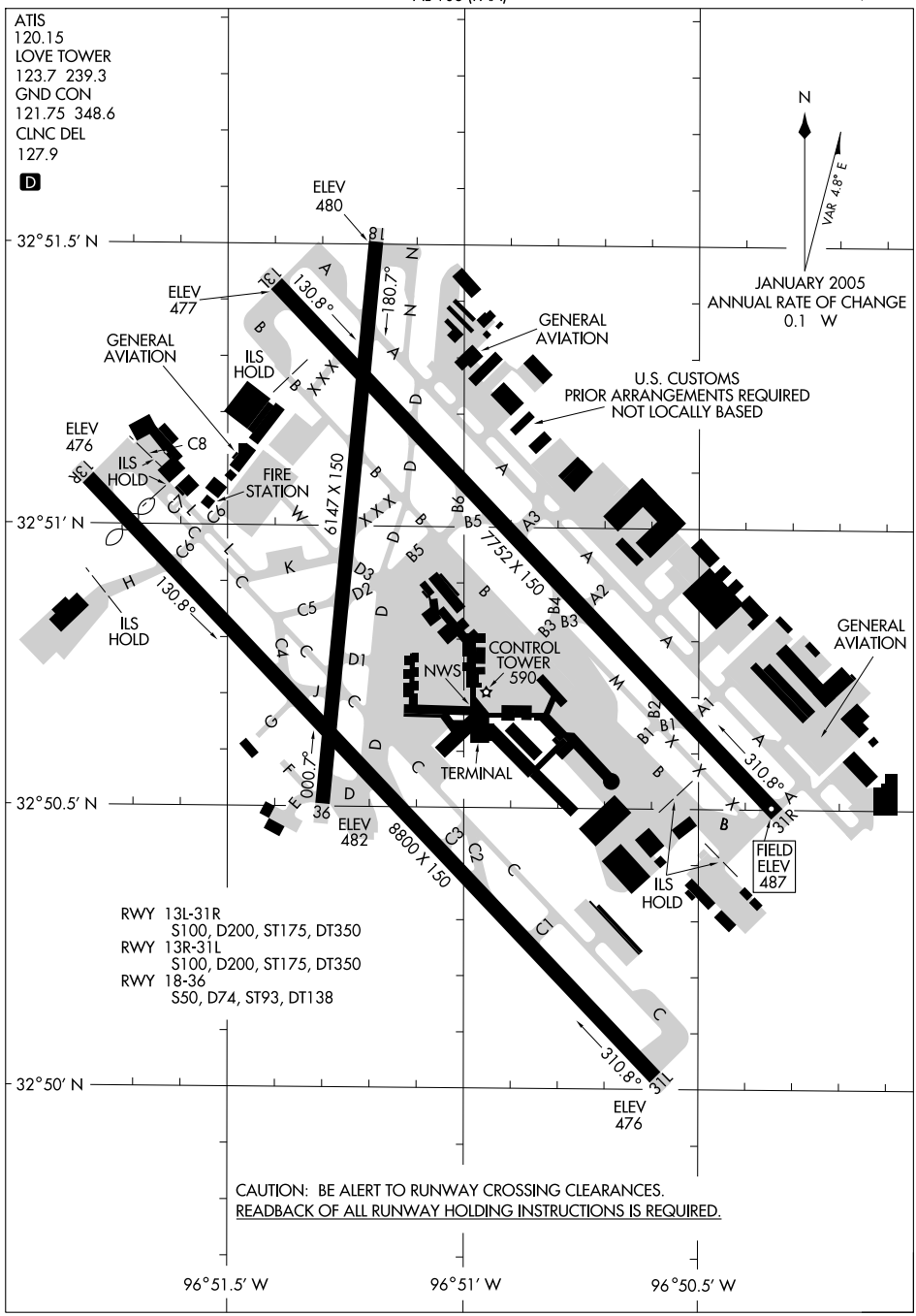
TAKE-OFF OBSTACLES:
Rwy 15, Multiple buildings beginning 1085′ from departure end of runway, 21′ left of centerline, up to 321′ AGL/945′ MSL. Building with antenna 1.9 NM from departure end of runway, 968′ right of centerline, 345′ AGL/975′ MSL. Pole 666′ from departure end of runway, 640′ left of centerline, 60′ AGL/681′ MSL. Multiple trees beginning 721′ from departure end of runway, 115′ left of centerline, up to 40′ AGL/675′ MSL. Road, railroad beginning 268′ from departure end of runway, 495′ right of centerline, up to 21′ AGL/655′ MSL.
Rwy 33, Multiple poles and trees beginning 640′ from departure end of runway, 21′ left of centerline, up to 60′ AGL/709′ MSL. Multiple buildings beginning 1225′ from departure end of runway, 147′ left of centerline, up to 37′ AGL/607′ MSL. Multiple buildings beginning 45′ from departure end of runway, 458′ right of centerline, up to 57′ AGL/696′ MSL. Multiple poles beginning 922′ from departure end of runway, 186′ right of centerline, up to 60′ AGL/720′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

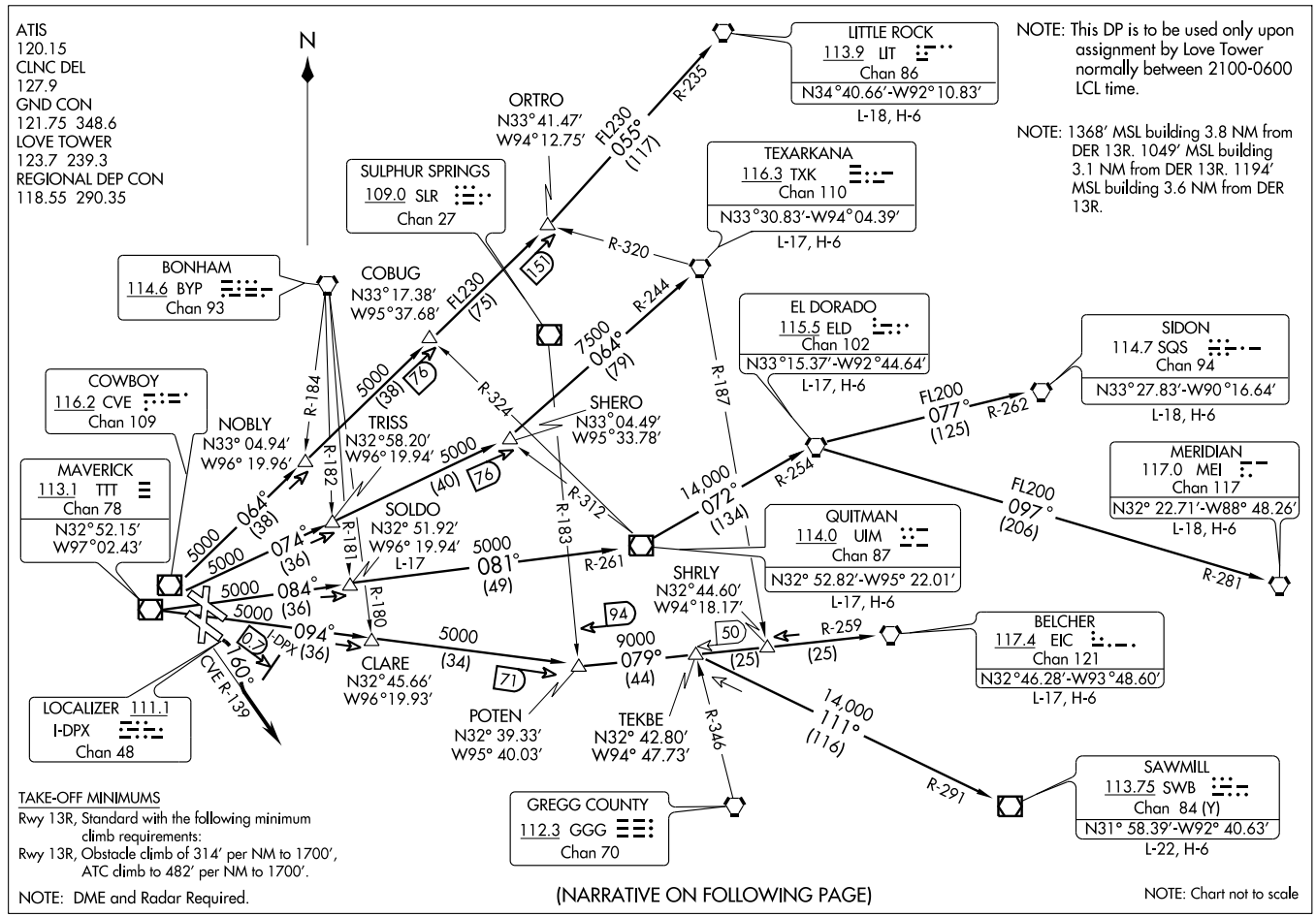
AIRPORT DIAGRAM

AL-106 (FAA)

DALLAS-LOVE FIELD (DAL)
DALLAS, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010



(BACH6.TTT) 07298

BACHMAN SIX DEPARTURE (OBSTACLE)

SL-10B (FAA)

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS

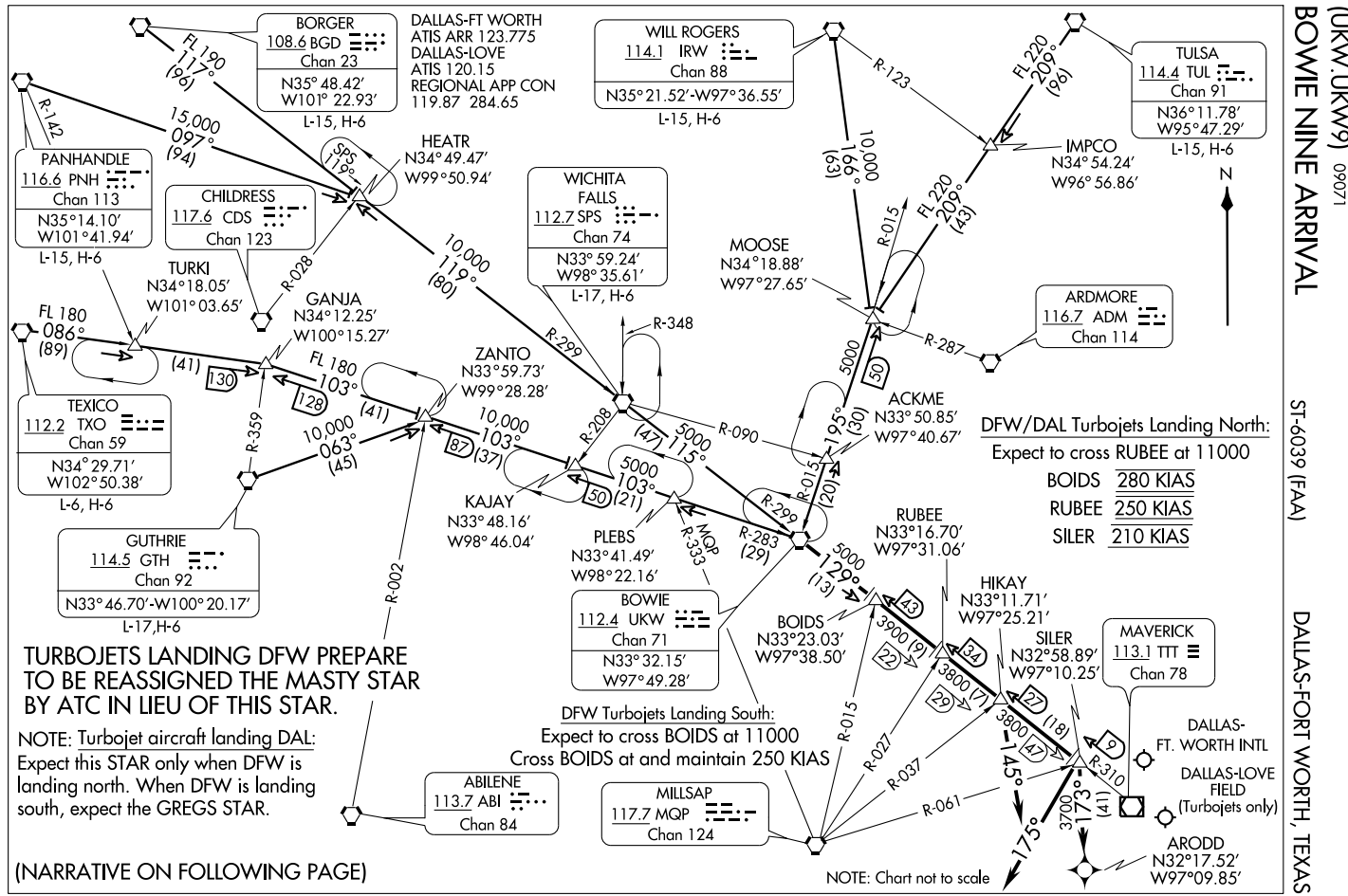
DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 13R: Turn right heading 160° as soon as possible after take-off but not later than 0.7 DME outbound on the I-DPX localizer southeast course, then intercept and climb via CVE R-139 and expect vectors to appropriate route. Maintain 5000′ and expect filed altitude 10 minutes after departure.

BELCHER TRANSITION (BACH6.EIC): (For aircraft inbound to Jackson, Monroe and Shreveport terminal areas.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (BACH6.ELD): (For aircraft inbound to Memphis terminal area. Aircraft should file and/or expect the appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (BACH6.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (BACH6.MEI): (For aircraft inbound to the Atlanta terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (BACH6.UIM): (For aircraft inbound to the Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (BACH6.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (BACH6.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (BACH6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (BACH6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES

Rwy 13R: Pole 654′ from DER, 614′ right of centerline, 23′ AGL/500′ MSL.
Trees 1122′ from DER, 719′ right of centerline, 37′ AGL/514′ MSL.
Multiple signs and trees beginning 779′ from DER, 669′ left of centerline, up to 60′ AGL/537′ MSL.


BOWIE NINE ARRIVAL (UKW.UKW9) 09071
ST-6039 (FAA)
DALLAS-FORT WORTH, TEXAS
BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
DALLAS-FT WORTH
ATIS ARR 123.775
DALLAS-LOVE
ATIS 120.15
REGIONAL APP CON
119.87 284.65
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
TURKI
N34° 18.05'
W101° 03.65'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
ACKME
N33° 50.85'
W97° 40.67'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6, H-6
KAJAY
N33° 48.16'
W98° 46.04'
PLEBS
N33° 41.49'
W98° 22.16'
RUBEE
N33° 16.70'
W97° 31.06'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
BOIDS
N33° 23.03'
W97° 38.50'
HIKAY
N33° 11.71'
W97° 25.21'
SILER
N32° 58.89'
W97° 10.25'
MAVERICK
113.1 TTT
Chan 78
DALLAS-
FT. WORTH INTL
DALLAS-LOVE
FIELD
(Turbojets only)
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
ARODD
N32° 17.52'
W97° 09.85'
FL 190
117°
(96)
15,000
097°
(94)
R-142
SPS
179°
R-028
10,000
119°
(80)
FL 180
086°
(89)
(41)
130
FL 180
103°
(41)
128
10,000
063°
(45)
R-359
R-002
87
10,000
103°
(37)
R-299
R-348
R-208
5000
115°
(47)
R-090
5000
103°
(21)
50
R-283
(29)
MQP
R-333
5000
129°
(13)
R-123
FL 220
209°
(96)
10,000
099°
(63)
R-015
FL 220
206°
(43)
5000
195°
(30)
50
R-287
R-015
(20)
43
3900 (9)
22
34
3800 (7)
29
27
(18)
3800
145°
47
9
R-310
(41)
3700
173°
175°
R-027
R-037
R-061
N
DFW/DAL Turbojets Landing North:
Expect to cross RUBEE at 11000
BOIDS 280 KIAS
RUBEE 250 KIAS
SILER 210 KIAS
TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE MASTY STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Turbojet aircraft landing DAL: Expect this STAR only when DFW is landing north. When DFW is landing south, expect the GREGS STAR.
DFW Turbojets Landing South:
Expect to cross BOIDS at 11000
Cross BOIDS at and maintain 250 KIAS
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale

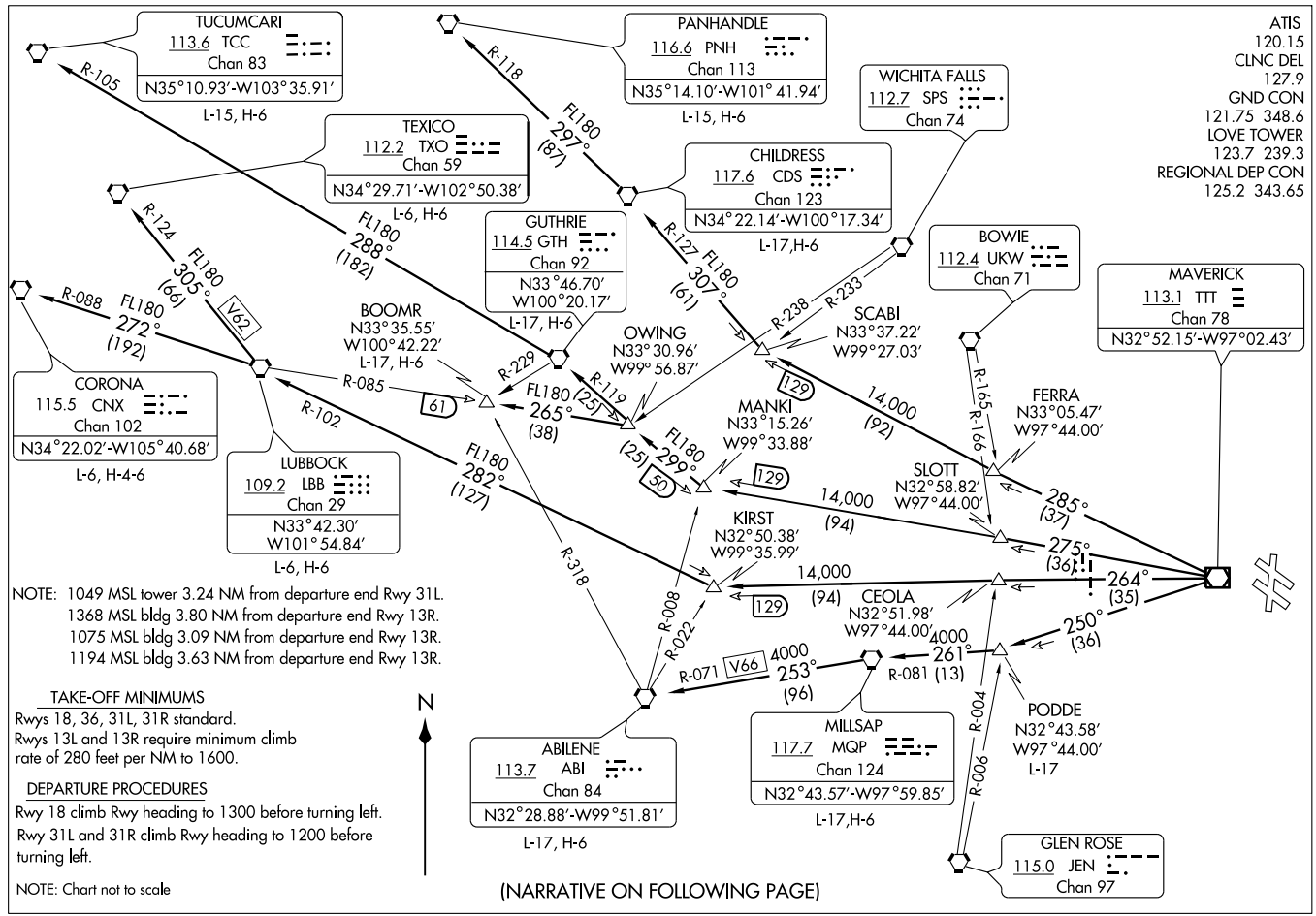
ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.UKW9): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
GUTHRIE TRANSITION (GTH.UKW9): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC. Thence. . . .
PANHANDLE TRANSITION (PNH.UKW9): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
TEXICO TRANSITION (TXO.UKW9): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC. Thence. . . .
TULSA TRANSITION (TUL.UKW9): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC. Thence. . . .
WICHITA FALLS TRANSITION (SPS.UKW9): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
WILL ROGERS TRANSITION (IRW.UKW9): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over UKW VORTAC via UKW R-129 and TTT R-310. Thence. . . .

. . . . ALL AIRCRAFT LANDING SOUTH: To HIKAY INT, expect vectors to final approach course.
. . . . RNAV CAPABLE JETS LANDING NORTH: From over SILER INT direct ARODD WP, expect vectors to final approach course prior to ARODD WP. If not received by ARODD WP fly present heading. DME/DME/IRU or GPS required. Pilots of RNP capable aircraft use RNP 2.0. Type B.
. . . . PROPS LANDING NORTH: To HIKAY INT, depart HIKAY INT heading 145° for vector to final approach course.
. . . . ALL OTHERS: To SILER INT depart SILER INT heading 175° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


TUCUMCARI
113.6 TCC
Chan 83
N35°10.93'-W103°35.91'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10'-W101°41.94'
L-15, H-6
WICHITA FALLS
112.7 SPS
Chan 74
TEXICO
112.2 TXO
Chan 59
N34°29.71'-W102°50.38'
L-6, H-6
CHILDRESS
117.6 CDS
Chan 123
N34°22.14'-W100°17.34'
L-17,H-6
GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6
BOWIE
112.4 UKW
Chan 71
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
BOOMR
N33°35.55'
W100°42.22'
L-17, H-6
OWING
N33°30.96'
W99°56.87'
SCABI
N33°37.22'
W99°27.03'
CORONA
115.5 CNX
Chan 102
N34°22.02'-W105°40.68'
L-6, H-4-6
MANKI
N33°15.26'
W99°33.88'
FERRA
N33°05.47'
W97°44.00'
LUBBOCK
109.2 LBB
Chan 29
N33°42.30'
W101°54.84'
L-6, H-6
SLOTT
N32°58.82'
W97°44.00'
KIRST
N32°50.38'
W99°35.99'
CEOLA
N32°51.98'
W97°44.00'
PODDE
N32°43.58'
W97°44.00'
L-17
ABILENE
113.7 ABI
Chan 84
N32°28.88'-W99°51.81'
L-17, H-6
MILLSAP
117.7 MQP
Chan 124
N32°43.57'-W97°59.85'
L-17,H-6
GLEN ROSE
115.0 JEN
Chan 97
R-105
R-118
FL180
297°
(87)
FL180
288°
(182)
R-124
FL180
305°
(66)
V62
R-088
FL180
272°
(192)
R-127
FL180
307°
(61)
R-238
R-233
R-229
R-119
R-085
61
FL180
265°
(38)
(25)
129
14,000
(92)
R-165
R-166
R-102
FL180
282°
(127)
FL180
299°
(25)
50
129
14,000
(94)
285°
(37)
275°
(36)
R-318
14,000
(94)
129
264°
(35)
R-008
R-022
250°
(36)
4000
253°
(96)
V66
R-071
4000
261°
R-081 (13)
R-004
R-006
N
ATIS
120.15
CLNC DEL
127.9
GND CON
121.75 348.6
LOVE TOWER
123.7 239.3
REGIONAL DEP CON
125.2 343.65
NOTE: 1049 MSL tower 3.24 NM from departure end Rwy 31L.
1368 MSL bldg 3.80 NM from departure end Rwy 13R.
1075 MSL bldg 3.09 NM from departure end Rwy 13R.
1194 MSL bldg 3.63 NM from departure end Rwy 13R.
TAKE-OFF MINIMUMS
Rwys 18, 36, 31L, 31R standard.
Rwys 13L and 13R require minimum climb rate of 280 feet per NM to 1600.
DEPARTURE PROCEDURES
Rwy 18 climb Rwy heading to 1300 before turning left.
Rwy 31L and 31R climb Rwy heading to 1200 before turning left.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
COYOTE FIVE DEPARTURE
(COYOTE5.111) 08269
SL-106 (FAA)
DALLAS-LOVE FIELD (DAL)
DALLAS, TEXAS

DEPARTURE ROUTE DESCRIPTION

JETS

Expect the WORTH DEPARTURE

PROPS

Props departing DAL must contact clearance delivery for departure instructions.

ABILENE TRANSITION (CYOTE5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.
PANHANDLE TRANSITION (CYOTE5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.
BOOMR TRANSITION (CYOTE5.BOOMR): (For aircraft inbound to Lubbock Terminal area.) From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-085 to BOOMR INT.
CHILDRESS TRANSITION (CYOTE5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.
CORONA TRANSITION (CYOTE5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.
GUTHRIE TRANSITION (CYOTE5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.
LUBBOCK TRANSITION (CYOTE5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, the via LBB R-102 to LBB VORTAC.
MILLSAP TRANSITION (CYOTE5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC
PODDE TRANSITION (CYOTE5.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
TEXICO TRANSITION (CYOTE5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.
TUCUMCARI TRANSITION (CYOTE5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

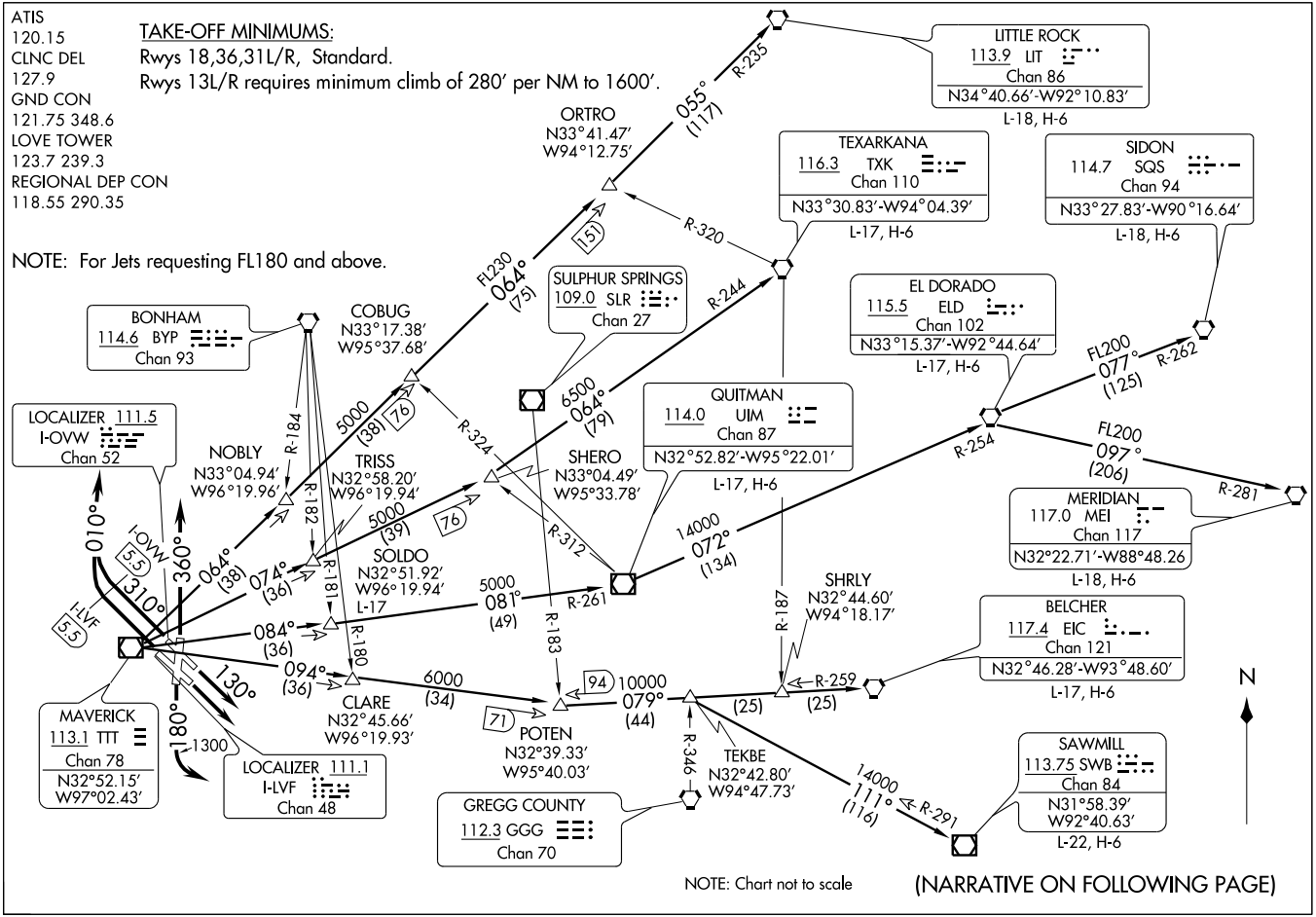
SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

ATIS
120.15
CLNC DEL
127.9
GND CON
121.75 348.6
LOVE TOWER
123.7 239.3
REGIONAL DEP CON
118.55 290.35

TAKE-OFF MINIMUMS:
Rwys 18,36,31L/R, Standard.
Rwys 13L/R requires minimum climb of 280′ per NM to 1600′.

NOTE: For Jets requesting FL180 and above.



(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

PROPS

Expect WYLIE or HUBBARD DEPARTURE

JETS

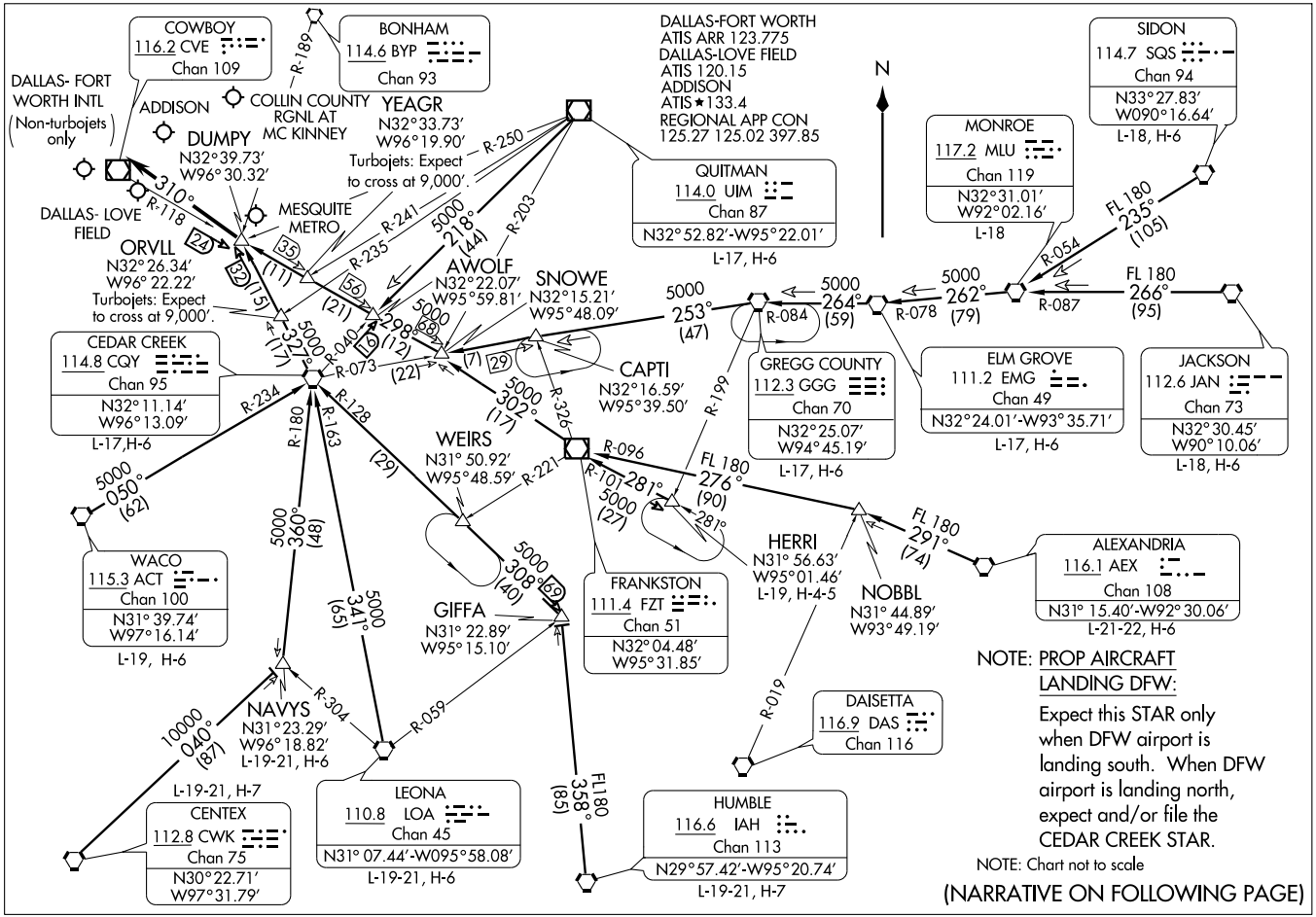
TAKE-OFF RUNWAYS 13L/R: Climb via heading 130°, expect vectors to appropriate route.
TAKE-OFF RUNWAYS 31L/R: Climb via heading 310° until the LVF or OVW LOCALIZER 5.5 DME, then right turn heading 010° for vector to appropriate route, maintain 5000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 18: Climb via assigned heading and altitude (before turning left, climb via heading 180° TO 1300'), expect vector to appropriate route.
TAKE-OFF RUNWAY 36: Climb via heading 360°and assigned altitude, expect vector to appropriate route.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to the Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261to UIM VOR/DME.
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:

Rwy 13L: Floodlight 965' from DER, 743' right of centerline, 31' AGL/514' MSL. Multiple trees and poles beginning 1166' from DER, 516' to 759' left of centerline, up to 60' AGL/547' MSL.
Rwy 13R: Road, tree, and pole beginning 203' from DER, 480' to 721' right of centerline, up to 38' AGL/514' MSL. Light standard, sign, rod on stack beginning 691' from DER, 555' to 991' left of centerline, up to 61' AGL/537' MSL.
Rwy 18: Multiple trees and pipe beginning 605' from DER, 93' to 415' left of centerline, up to 41' AGL/523' MSL. Multiple trees, building, and obstruction light on hangar beginning 300' from DER, 90' to 572' right of centerline, up to 48' AGL/530' MSL.
Rwy 31L: Tree 340' from DER, 408' right of centerline, 10' AGL/ 486' MSL. Tree 253' from DER, 429' left of centerline, 7' AGL/483' MSL.
Rwy 31R: Multiple trees and pole beginning 38' from DER, 329' to 524' left of centerline, up to 13' AGL/490' MSL. Multiple trees and poles beginning 366' from DER, 553' to 720' right of centerline, 48' AGL/525' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


DUMPY THREE ARRIVAL
(DUMPY.DUMPY3) 09351
ST-6039 (FAA)
DALLAS-FT. WORTH, TEXAS
COWBOY
116.2 CVE
Chan 109
BONHAM
114.6 BYP
Chan 93
R-189
DALLAS-FORT WORTH
ATIS ARR 123.775
DALLAS-LOVE FIELD
ATIS 120.15
ADDISON
ATIS ★133.4
REGIONAL APP CON
125.27 125.02 397.85
N
SIDON
114.7 SQS
Chan 94
N33°27.83'
W090°16.64'
L-18, H-6
DALLAS- FORT
WORTH INTL
(Non-turbojets
only)
ADDISON
COLLIN COUNTY
RGNL AT
MC KINNEY
YEAGR
N32°33.73'
W96°19.90'
DUMPY
N32°39.73'
W96°30.32'
Turbojets: Expect
to cross at 9,000'.
R-250
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01'
W92°02.16'
L-18
FL 180
235°
(105)
R-054
310°
R-118
DALLAS- LOVE
FIELD
MESQUITE
METRO
ORVLL
N32°26.34'
W96° 22.22'
Turbojets: Expect
to cross at 9,000'.
5000
218°
(44)
R-241
R-235
R-203
AWOLF
N32°22.07'
W95°59.81'
SNOWE
N32°15.21'
W95°48.09'
5000
253°
(47)
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14'
W96°13.09'
L-17,H-6
R-040
R-073
5000
298°
(12)
5000
322°
(17)
CAPTI
N32°16.59'
W95°39.50'
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'
W94°45.19'
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93° 35.71'
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45'
W90°10.06'
L-18, H-6
R-234
R-180
R-163
R-128
R-326
R-199
5000
302°
(17)
WEIRS
N31° 50.92'
W95°48.59'
R-096
R-221
R-101
5000
281°
(27)
FL 180
276°
(90)
5000
050°
(62)
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
281°
FL 180
291°
(74)
HERRI
N31° 56.63'
W95°01.46'
L-19, H-4-5
NOBBL
N31° 44.89'
W93°49.19'
ALEXANDRIA
116.1 AEX
Chan 108
N31° 15.40'-W92° 30.06'
L-21-22, H-6
WACO
115.3 ACT
Chan 100
N31° 39.74'
W97°16.14'
L-19, H-6
GIFFA
N31° 22.89'
W95°15.10'
FRANKSTON
111.4 FZT
Chan 51
N32° 04.48'
W95° 31.85'
NOTE: PROP AIRCRAFT
LANDING DFW:
Expect this STAR only
when DFW airport is
landing south. When DFW
airport is landing north,
expect and/or file the
CEDAR CREEK STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
10000
040°
(87)
NAVYS
N31°23.29'
W96°18.82'
L-19-21, H-6
L-19-21, H-7
R-304
R-059
R-019
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
LEONA
110.8 LOA
Chan 45
N31° 07.44'-W095°58.08'
L-19-21, H-6
FL180
358°
(85)
HUMBLE
116.6 IAH
Chan 113
N29°57.42'-W95°20.74'
L-19-21, H-7

DUMPY THREE ARRIVAL

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DUMPY3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

CEDAR CREEK TRANSITION (CQY.DUMPY3): From over CQY VORTAC via CQY R-327 to DUMPY INT. Thence....

CENTEX TRANSITION (CWK.DUMPY3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC , then via CQY R-327 to DUMPY INT. Thence . . . .

ELM GROVE TRANSITION (EMG.DUMPY3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

GREGG COUNTY TRANSITION (GGG.DUMPY3): From over GGG VORTAC via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HERRI TRANSITION (HERRI.DUMPY3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HUMBLE TRANSITION (IAH.DUMPY3): From over IAH VORTAC via IAH R-358 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

JACKSON TRANSITION (JAN.DUMPY3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

LEONA TRANSITION (LOA.DUMPY3): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-327 to DUMPY INT.

MONROE TRANSITION (MLU.DUMPY3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

NAVYS TRANSITION (NAVYS.DUMPY3): From over NAVYS INT via CQY R-180 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

QUITMAN TRANSITION (UIM.DUMPY3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to AWOLF INT, then via CVE R-118 to DUMPY INT. Thence . . . .

SIDON TRANSITION (SQS.DUMPY3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

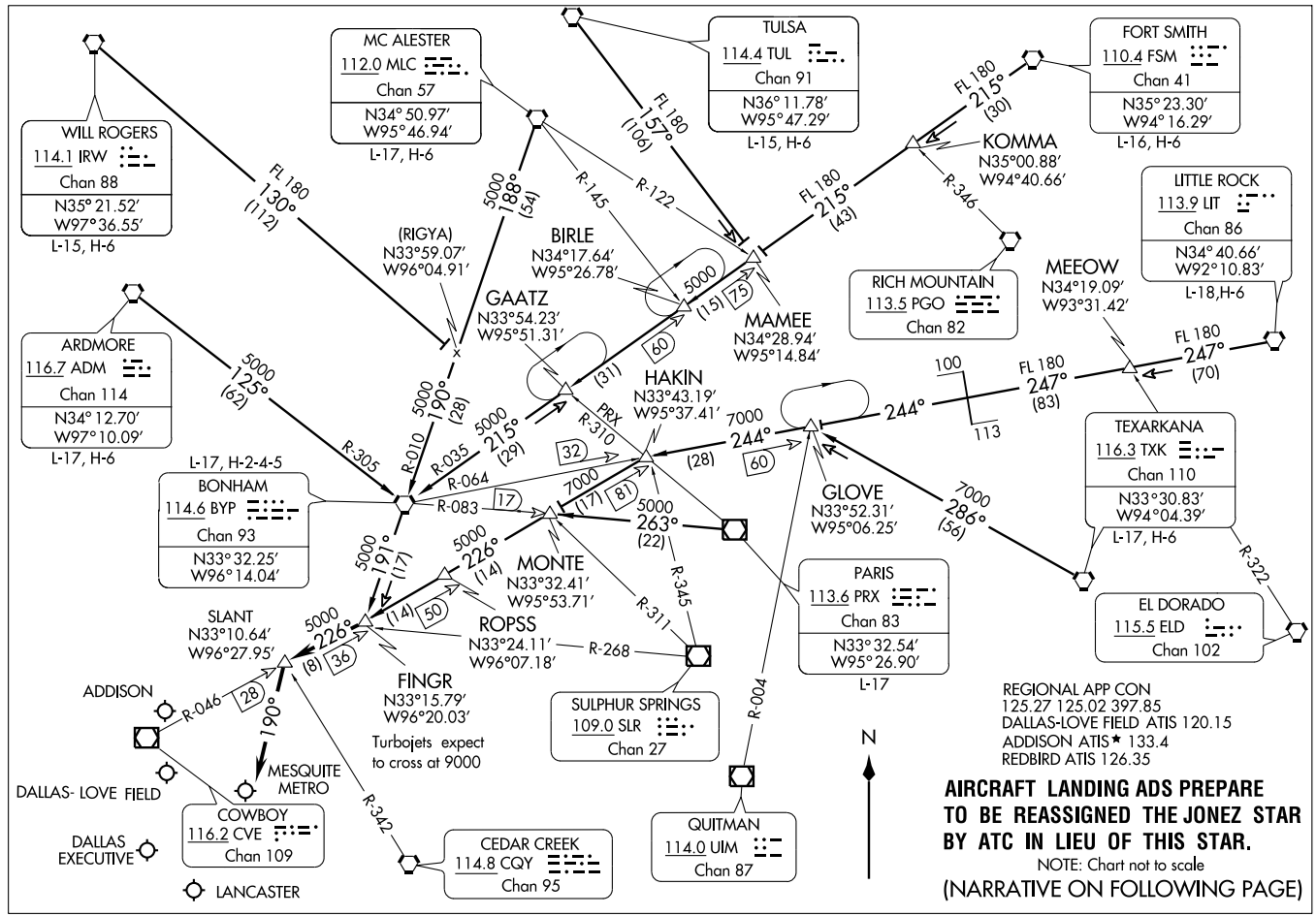
WACO TRANSITION (ACT.DUMPY3): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

. . . . From over DUMPY INT.

LANDING SOUTH: Depart DUMPY INT heading 310° for vectors to final approach course.

LANDING NORTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

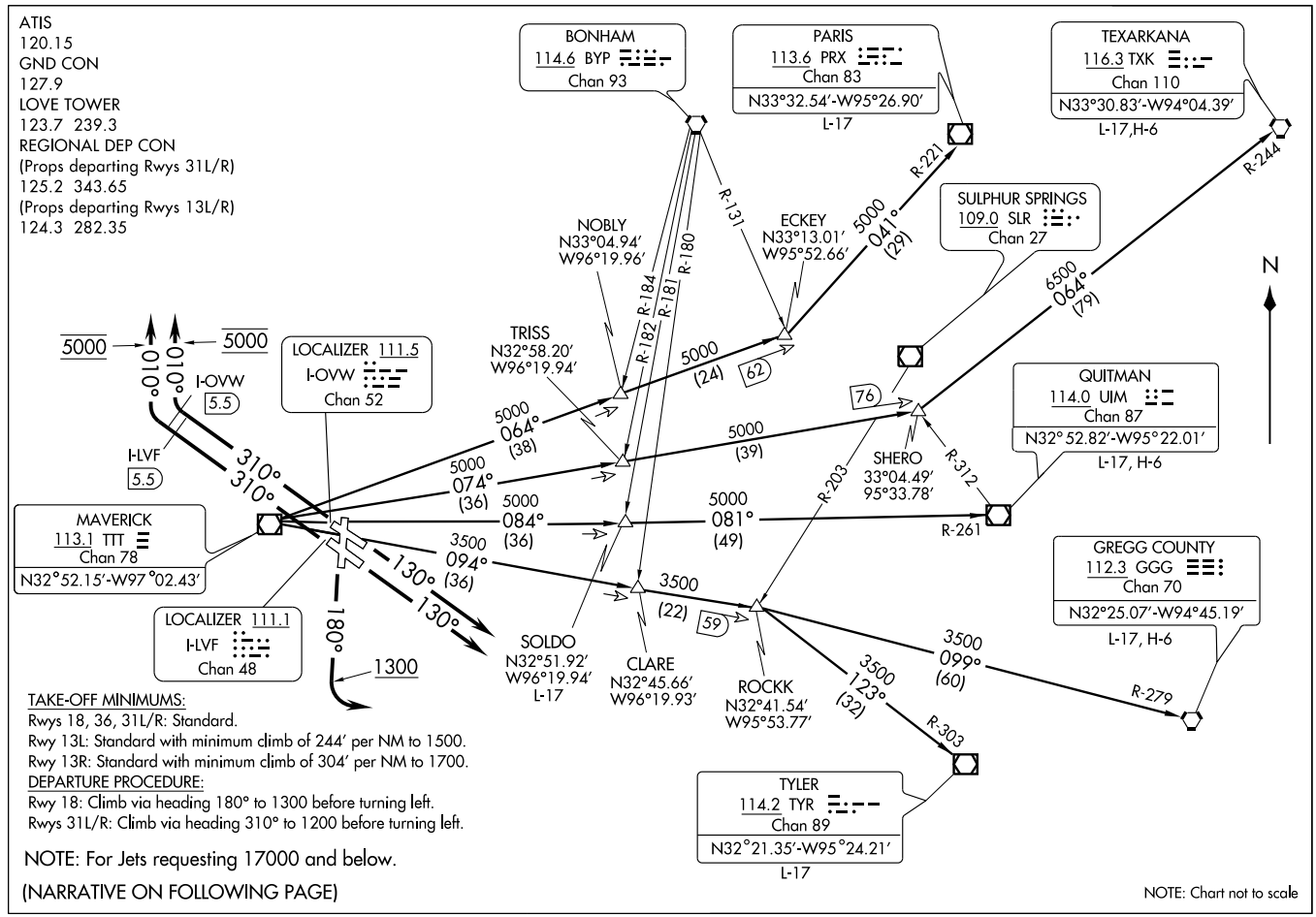

FINGR THREE ARRIVAL
(FINGR.FINGR3) 09351
ST-106 (FAA)
DALLAS-FT. WORTH, TEXAS
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52′
W97° 36.55′
L-15, H-6
MC ALESTER
112.0 MLC
Chan 57
N34° 50.97′
W95° 46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78′
W95° 47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35° 23.30′
W94° 16.29′
L-16, H-6
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34° 40.66′
W92° 10.83′
L-18,H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
MEEOW
N34°19.09′
W93°31.42′
ARDMORE
116.7 ADM
Chan 114
N34° 12.70′
W97° 10.09′
L-17, H-6
(RIGYA)
N33°59.07′
W96°04.91′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
MAMEE
N34°28.94′
W95°14.84′
HAKIN
N33°43.19′
W95°37.41′
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′
W94°04.39′
L-17, H-6
L-17, H-2-4-5
BONHAM
114.6 BYP
Chan 93
N33° 32.25′
W96° 14.04′
GLOVE
N33°52.31′
W95°06.25′
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33° 32.54′
W95° 26.90′
L-17
EL DORADO
115.5 ELD
Chan 102
SLANT
N33°10.64′
W96°27.95′
ROPSS
N33°24.11′
W96°07.18′
FINGR
N33°15.79′
W96°20.03′
Turbojets expect
to cross at 9000
SULPHUR SPRINGS
109.0 SLR
Chan 27
ADDISON
MESQUITE METRO
DALLAS- LOVE FIELD
COWBOY
116.2 CVE
Chan 109
DALLAS EXECUTIVE
LANCASTER
CEDAR CREEK
114.8 CQY
Chan 95
QUITMAN
114.0 UIM
Chan 87
FL 180 130° (112)
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
FL 180 247° (70)
FL 180 247° (83)
5000 188° (54)
5000 125° (62)
5000 190° (28)
5000 215° (29)
5000 191° (17)
5000 226° (14)
5000 226° (8)
5000 263° (22)
7000 244° (28)
7000 286° (56)
R-145
R-122
R-346
R-305
R-010
R-035
R-064
R-083
R-310
R-345
R-311
R-268
R-342
R-004
R-322
(15) 75
(31) 60
PRX
32
17
(17) 81
(14) 50
(8) 36
28
190°
R-046
244°
100
113
7000
60
N
REGIONAL APP CON
125.27 125.02 397.85
DALLAS-LOVE FIELD ATIS 120.15
ADDISON ATIS★ 133.4
REDBIRD ATIS 126.35
AIRCRAFT LANDING ADS PREPARE TO BE REASSIGNED THE JONEZ STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

FINGR THREE ARRIVAL (FINGR.FINGR3)

ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.FINGR3): From over ADM VORTAC via ADM R-125 and BYP R-305 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
BONHAM TRANSITION (BYP.FINGR3): From over BYP VORTAC via BYP R-191 to to FINGR INT. Thence . . . .
FORT SMITH TRANSITION (FSM.FINGR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
LITTLE ROCK TRANSITION (LIT.FINGR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
MC ALESTER TRANSITION (MLC.FINGR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
PARIS TRANSITION (PRX.FINGR3): From over PRX VOR/DME via PRX R-263 to MONTE INT, then via CVE R-046 to FINGR INT. Thence . . . .
TEXARKANA TRANSITION (TXK.FINGR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
TULSA TRANSITION (TUL.FINGR3): From over TUL VORTAC via TUL R-157 to to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
WILL ROGERS TRANSITION (IRW.FINGR3): From over IRW VORTAC via IRW R-130 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . . From over FINGR INT via CVE R-046 to SLANT INT.
AIRCRAFT LANDING NORTH: Depart SLANT INT heading 190° for vectors to final approach course.
AIRCRAFT LANDING SOUTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 09351

GARLAND THREE DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS

DEPARTURE ROUTE DESCRIPTION

PROPS

Expect WYLIE or HUBBARD departure.

JETS

TAKE-OFF RUNWAYS 13L/R: Climb via heading 130°, expect vectors, Thence. . . .
TAKE-OFF RUNWAYS 31L/R: Climb via heading 310° until the LVF or OVW LOCALIZER 5.5 DME, then turn right heading 010° for vector to appropriate route, maintain 5000′ and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 18: Climb via heading 180° to 1300 feet before turning left, then fly assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAY 36: Fly assigned heading and altitude expect vector to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

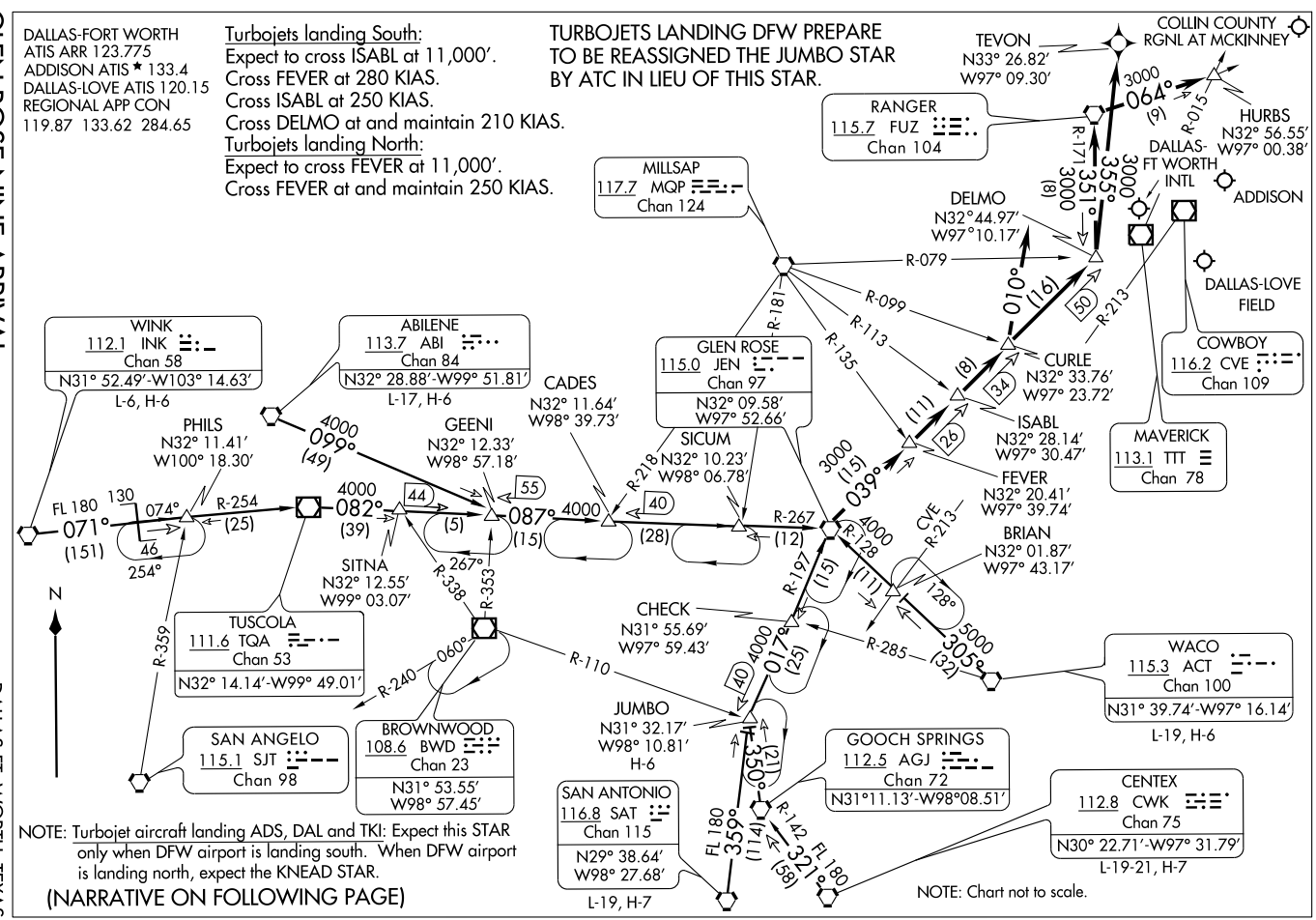
TAKE-OFF OBSTACLES:
Rwy 13L: Floodlight, 965′ from DER, 743′ right of centerline, 31′ AGL/514′ MSL.
Multiple trees and poles beginning 1166′ from DER, 516′ to 759′ left of centerline, up to 60′ AGL/547′ MSL.
Rwy 13R: Road, tree, and pole beginning 203′ from DER, 480′ to 721′ right of centerline, up to 38′ AGL/514′ MSL.
Light standard, sign, rod on stack beginning 691′ from DER, 555′ to 991′ left of centerline, up to 61′ AGL/537′ MSL.
Rwy 18: Multiple trees and pipe beginning 605′ from DER, 93′ to 415′ left of centerline, up to 41′ AGL/523′ MSL.
Multiple trees, building, and obstruction light on hangar beginning 300′ from DER, 90′ to 572′ right of centerline, up to 48′ AGL/530′ MSL.
Rwy 31L: Tree 340′ from DER, 408′ right of centerline, 10′ AGL/486′ MSL.
Tree 253′ from DER, 429′ left of centerline, 7′ AGL/483′ MSL.
Rwy 31R: Multiple trees and pole beginning 38′ from DER, 392′ to 524′ left of centerline, up to 13′ AGL/490′ MSL.
Multiple trees and poles beginning 366′ from DER, 553′ to 720′ right of centerline, 48′ AGL/525′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH
ATIS ARR 123.775
ADDISON ATIS ★ 133.4
DALLAS-LOVE ATIS 120.15
REGIONAL APP CON
119.87 133.62 284.65

Turbojets landing South:
Expect to cross ISABL at 11,000′.
Cross FEVER at 280 KIAS.
Cross ISABL at 250 KIAS.
Cross DELMO at and maintain 210 KIAS.
Turbojets landing North:
Expect to cross FEVER at 11,000′.
Cross FEVER at and maintain 250 KIAS.

TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE JUMBO STAR BY ATC IN LIEU OF THIS STAR.



NOTE: Turbojet aircraft landing ADS, DAL and TKI: Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the KNEAD STAR.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.JEN9): From over ABI VORTAC via R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

CENTEX TRANSITION (CWK.JEN9): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

JUMBO TRANSITION (JUMBO.JEN9): From over JUMBO INT via JEN R-197 to JEN VORTAC. Thence . . . .

SAN ANTONIO TRANSITION (SAT.JEN9): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

WACO TRANSITION (ACT.JEN9): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC. Thence. . . .

WINK TRANSITION (INK.JEN9): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over JEN VORTAC via JEN R-039, thence . . . .

ALL AIRCRAFT LANDING NORTH: To CURLE INT, expect vectors to final approach course.

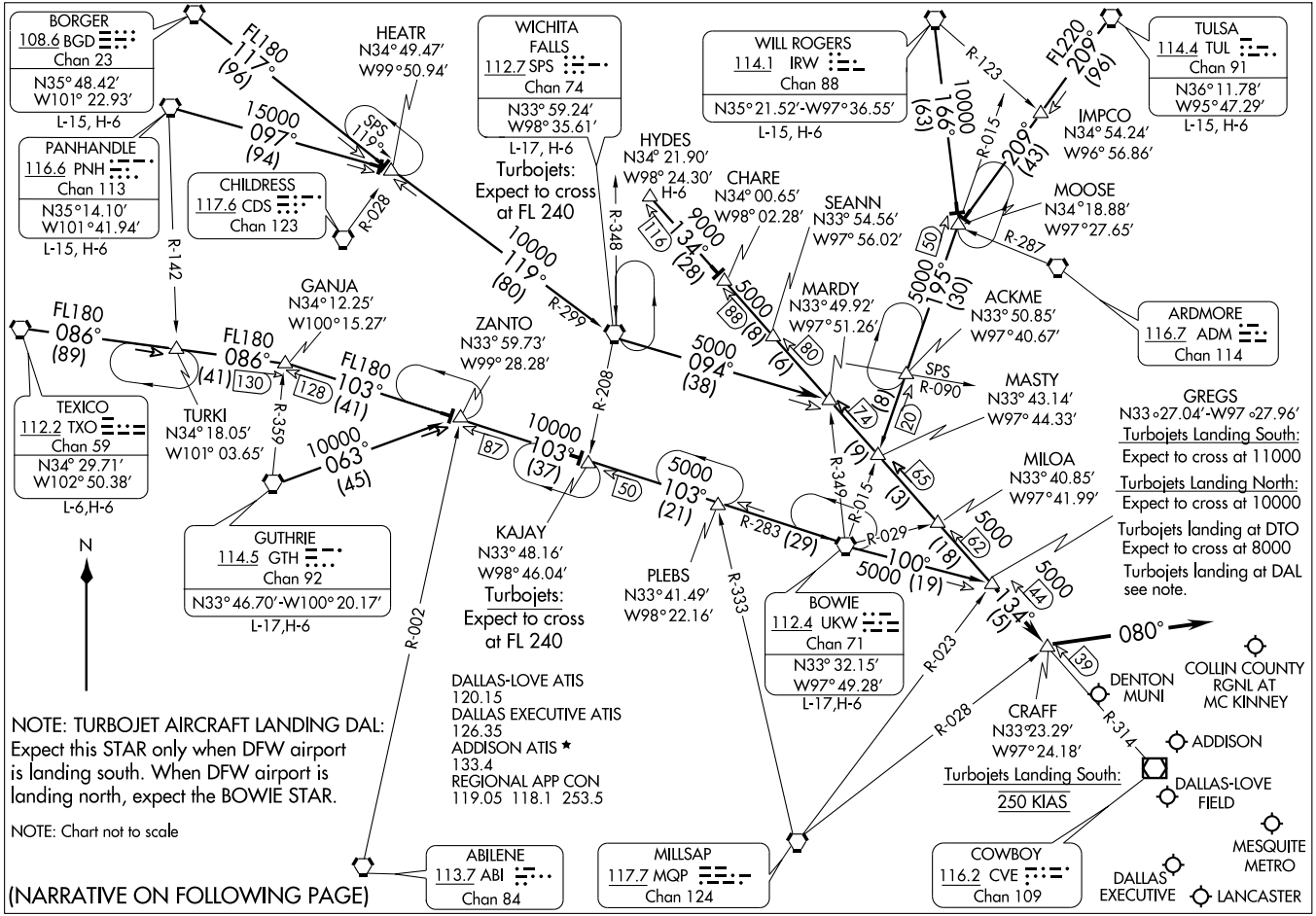
JETS LANDING SOUTH: To DELMO, depart DELMO heading 355°.

For /E, /F, /G and /R (RNP 2.0) EQUIPMENT SUFFIXED AIRCRAFT: From over DELMO WP direct TEVON WP, expect vector to final approach course prior to TEVON WP. If not received by TEVON fly present heading.

NON TURBOJETS LANDING SOUTH: To CURLE INT, depart CURLE heading 010° for vectors to final approach course.

AIRCRAFT LANDING DAL, ADS, TKI: To DELMO INT, depart DELMO via FUZ R-171 to FUZ VORTAC then FUZ R-064 to HURBS INT, expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

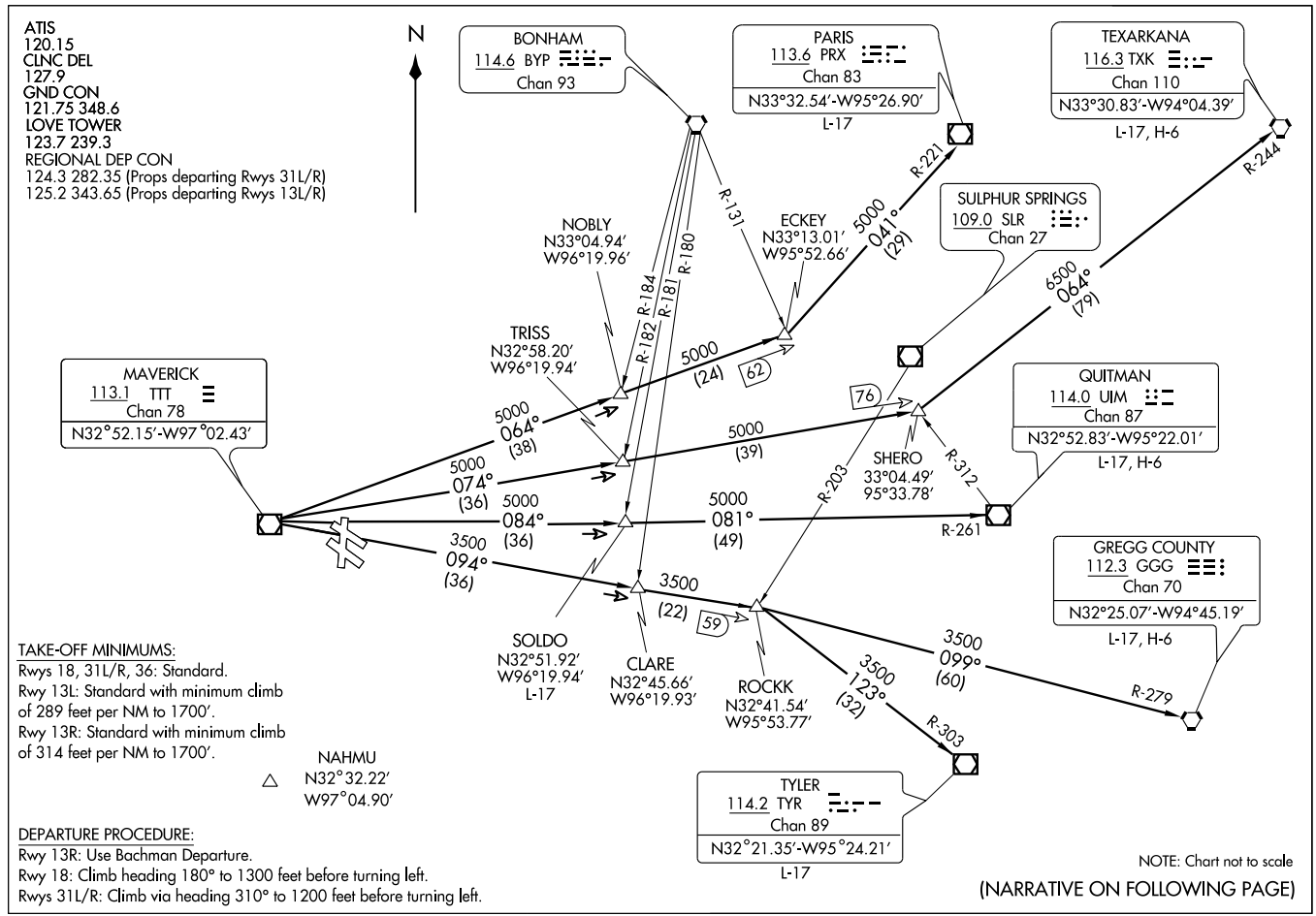
. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS



DEPARTURE ROUTE DESCRIPTION

All aircraft departing DAL must contact clearance delivery for departure instructions.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 13L:
Multiple poles and trees beginning 844′ from the departure end of runway, 515′ left of centerline, up to 54′AGL/541′ MSL. Crane 5,270′ from departure end of runway, 568′ left of centerline, 130′ AGL/630′ MSL. Antenna on tank 1.5 NM from departure end of runway, 369′ left of centerline, 208 AGL/712′ MSL.
Rwy 13R:
Pole 654′ from departure end of runway, 614′ right of centerline, 23′ AGL/500′ MSL. Trees 1,122′ from the departure end of runway, 719′ right of centerline, 37′ AGL/514′ MSL. Multiple signs and trees beginning 779′ from departure end of runway, 669′ left of centerline, up to 60′ AGL/537′ MSL.
Rwy 18:
Building 303′ from departure end of runway, 354′ right of centerline, 47′ AGL/ 507′ MSL. Tree 775′ from Departure end of runway, 138′ right of centerline, 32′ AGL/ 513′ MSL. Tree 821′ from departure end of runway, 329′ right of centerline, 39′ AGL/519′ MSL. Tree 1,031′ from departure end of runway, 107′ right of centerline, 49′ AGL/530′ MSL. Tree 1,254′ from departure end of runway, 399′ left of centerline, 50′ AGL/531′ MSL. Tree 2,004′ from departure end of runway 413′ right of centerline, 55′ AGL/536′ MSL.
Rwy 31L:
Multiple trees beginning 327′ from departure end of runway, 374′ right of centerline, up to 22′ AGL/501′ MSL.
Rwy 31R:
Multiple trees beginning 366′ from departure end of runway, 552′ right of centerline, up to 29′ AGL/505′ MSL.. Pole 39′ from departure end of runway, 501′ left of centerline, 27′ AGL/487′ MSL. Pole 1,531′ from departure end of runway, 717′ right of centerline, 61′ AGL/521′ MSL. Trees 2,080′ from departure end of runway, 644′ right of centerline, 54′ AGL/530′ MSL.
Rwy 36:
Tree 52′ from departure end of runway, 390′ left of centerline, 43′ AGL/523 MSL. OL on blast fence, 56′ from departure end of runway, 298′ right of centerline, 7′ AGL/487′ MSL. Trees 433′ from departure end of runway, 357′ right of centerline, 16′ AGL/496′ MSL. Trees 661′ from departure end of runway, 95′ left of centerline, 25′ AGL/505′ MSL. Building 898′ from departure end of runway, 223′ right of centerline, 25′ AGL/505′ MSL. Tree 1,773′ from departure end of runway, 240′ right of centerline, 79′ AGL/559′ MSL. Multiple T-L towers beginning 2,577 from departure end of runway, 116′ left of centerline, up to 68′ AGL/556′ MSL. T-L tower 2,701′ from departure end of runway, 818′ right of centerline, 68′ AGL/572′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS, TEXAS

AL-106 (FAA)

LOC/DME I-LVF	APP CRS	Rwy Idg	8800
111.1	310°	TDZE	476
Chan 48		Apt Elev	487

ILS or LOC RWY 31L

DALLAS-LOVE FIELD (DAL)

▼ DME or RADAR required.

▲

MALSR

MISSED APPROACH: Climb to 900 then climbing right turn 5000 via heading 042° and CVE R-046 to FINGR/ CVE 36.4 DME and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9

COWBOY 116.2 CVE Chan 109

MAVERICK 113.1 TTT Chan 078

LOCALIZER 111.1 I-LVF Chan 48

R-046

MISSED APPROACH FIX

114.6 BYP Chan 93

191°

011°

FINGR CVE 36.4

CVE 116.2 R-046 Chan 109

R-191

ALTERNATE MISSED APCH FIX

114.6 BYP Chan 93

230°

050°

R-050

FINGR TTT 42.7

TTT 113.1 Chan 78

R-191

1049 ENTRA I-LVF 2.9

JAKID I-LVF 4.9 RADAR

(IF) MYLES I-LVF 14.9 RADAR

MSA CVE 25 NM

2700

090° 270°

3600

10 NM

RADAR REQUIRED

2200

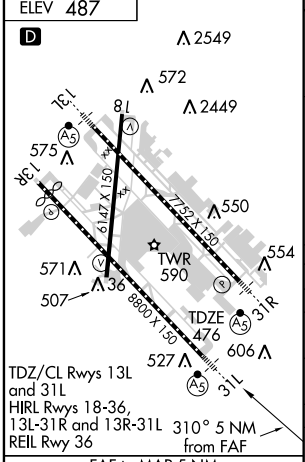
310°

110°

130°

ELEV 487

D

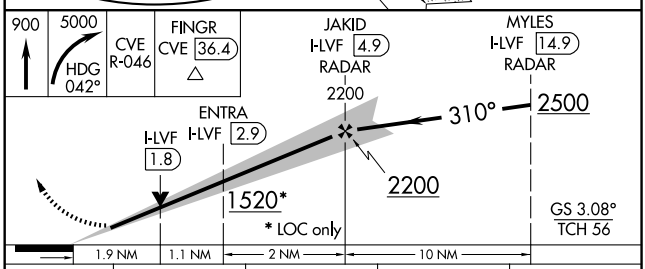


TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L
REIL Rwy 36

310° 5 NM from FAF

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



CATEGORY	A	B	C	D
S-ILS 31L	676/18 200 (200-½)			
S-LOC 31L	1520/40 1044 (1100-¾)	1520/50 1044 (1100-1)	1520-2½ 1044 (1100-2½)	
CIRCLING	1520-1¼ 1033 (1100-1¼)	1520-1½ 1033 (1100-1½)	1520-3 1033 (1100-3)	
ENTRA FIX MINIMUMS				
S-LOC 31L	1160/24 684 (700-½)		1160-1½ 684 (700-1½)	1160-1¾ 684 (700-1¾)
CIRCLING	1160-1 673 (700-1)		1160-2 673 (700-2)	1160-2¼ 673 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-OVW	APP CRS	Rwy Idg	7752
111.5	310°	TDZE	487
Chan 52		Apt Elev	487

ILS or LOC RWY 31R

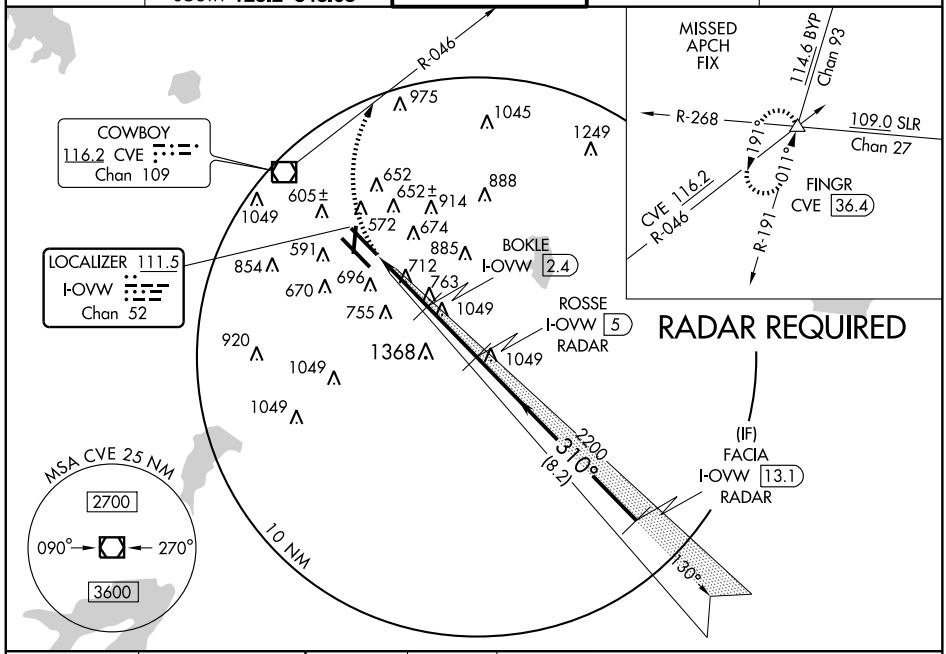
DALLAS-LOVE FIELD (DAL)

DME or RADAR required.
** RVR 1800 authorized with the use of FD or AP or HUD to DA.

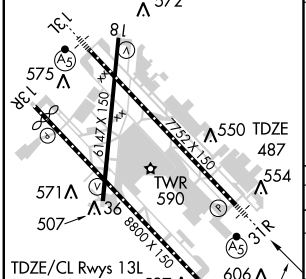
MALSR

MISSED APPROACH: Climbing right turn to 5000 via CVE VOR/DME R-046 to FINGR/CVE 36.4 DME and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9



ELEV 487 D

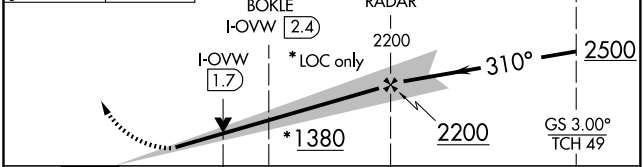


FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

5000
CVE
R-046

FINGR
CVE 36.4

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 31R	** 687/24 200 (200- ½)			
S-LOC 31R	1380/40 893 (900- ¾)		1380-2 ¼ 893 (900-2 ¼)	1380-2 ½ 893 (900-2 ½)
CIRCLING	1380-1 ¼ 893 (900-1 ¼)		1380-2 ¾ 893 (900-2 ¾)	1380-3 893 (900-3)
BOKLE FIX MINIMUMS				
S-LOC 31R	1140/24 653 (700- ½)		1140/60 653 (700-1 ¼)	1140-1 ½ 653 (700-1 ½)
CIRCLING	1140-1 653 (700-1)		1140-1 ¾ 653 (700-1 ¾)	1160-2 ¼ 673 (700-2 ¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-DAL	APP CRS	Rwy Idg	7752
111.5	130°	TDZE	485
Chan 52		Apt Elev	487

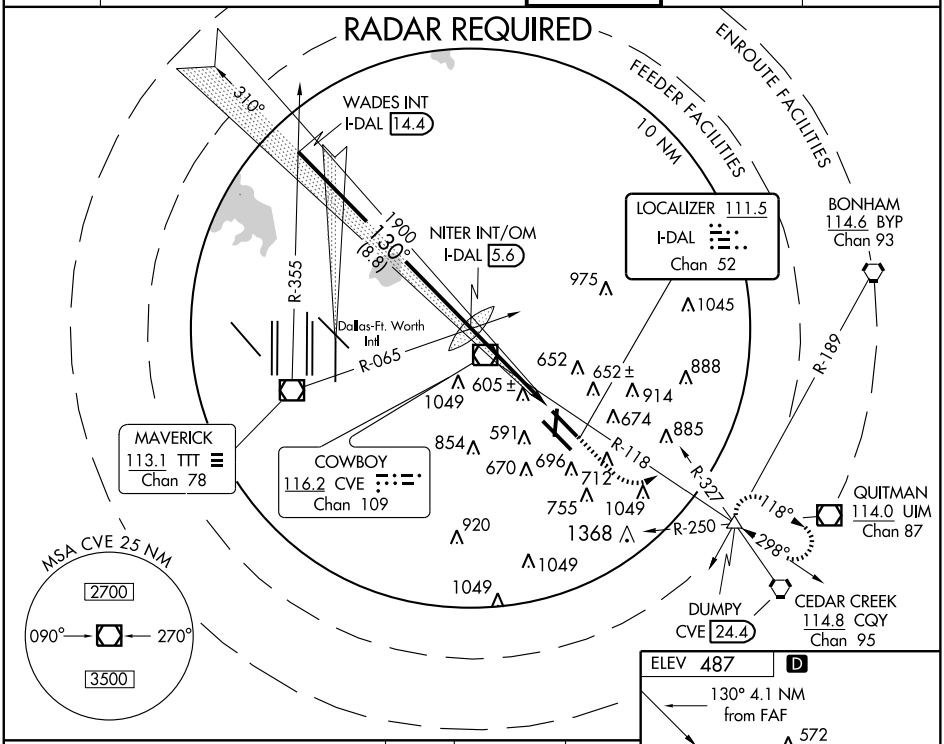
ILS RWY 13L
DALLAS-LOVE FIELD (DAL)

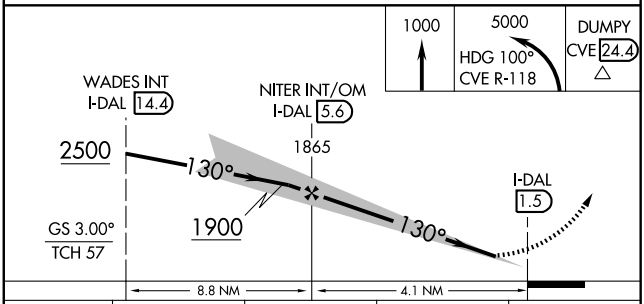
Simultaneous approaches authorized with DFW Rwy 17L.

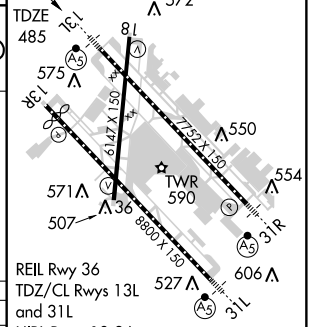
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 100° and CVE R-118 to DUMPY Int/CVE 24.4 DME and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9







CATEGORY	A	B	C	D
S-ILS 13L	685/18 200 (200-½)			
S-LOC 13L	840/24 355 (400-½)			840/40 355 (400-¾)
CIRCLING	1020-1 533 (600-1)		1020-1½ 533 (600-1½)	1160-2¼ 673 (700-2¼)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-2, 17 DEC 2009 to 14 JAN 2010

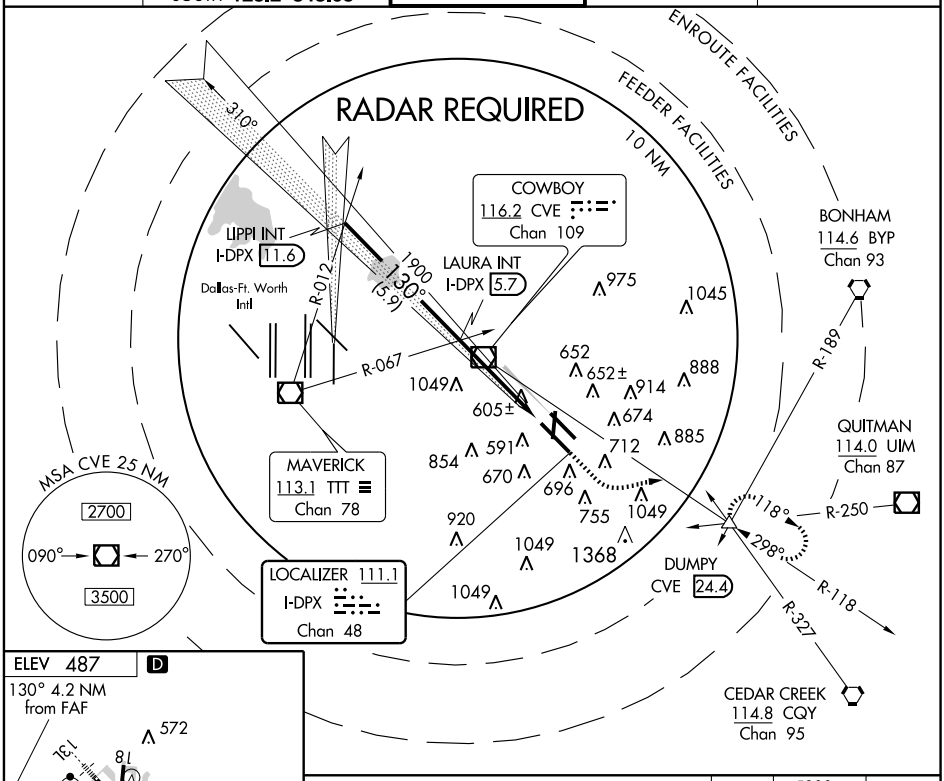
LOC I-DPX	APP CRS	Rwy Idg	8310
111.1	130°	TDZE	478
Chan 48		Apt Elev	487

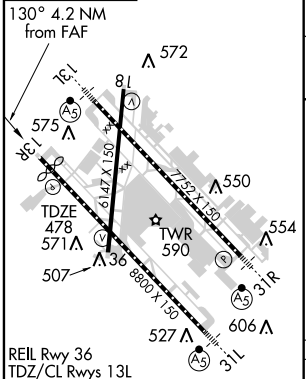
ILS RWY 13R
DALLAS-LOVE FIELD (DAL)

Simultaneous approaches authorized with DFW Rwy 17L.
Disregard outer marker indication.

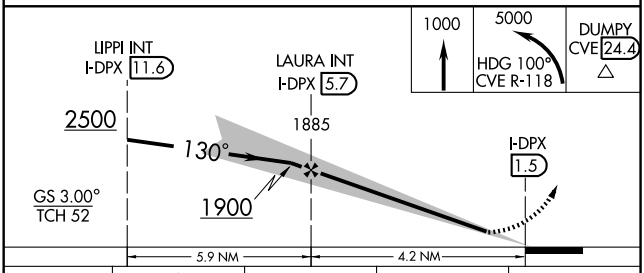
MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 100° and CVE R-118 to DUMPY Int/CVE 24.4 DME and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-ILS 13R	678-¾ 200 (200-¾)			
S-LOC 13R	960-1 482 (500-1)		960-1 ¼ 482 (500-1 ¼)	960-1 ½ 482 (500-1 ½)
CIRCLING	1020-1 533 (600-1)		1020-1 ½ 533 (600-1 ½)	1160-2 ¼ 673 (700-2 ¼)

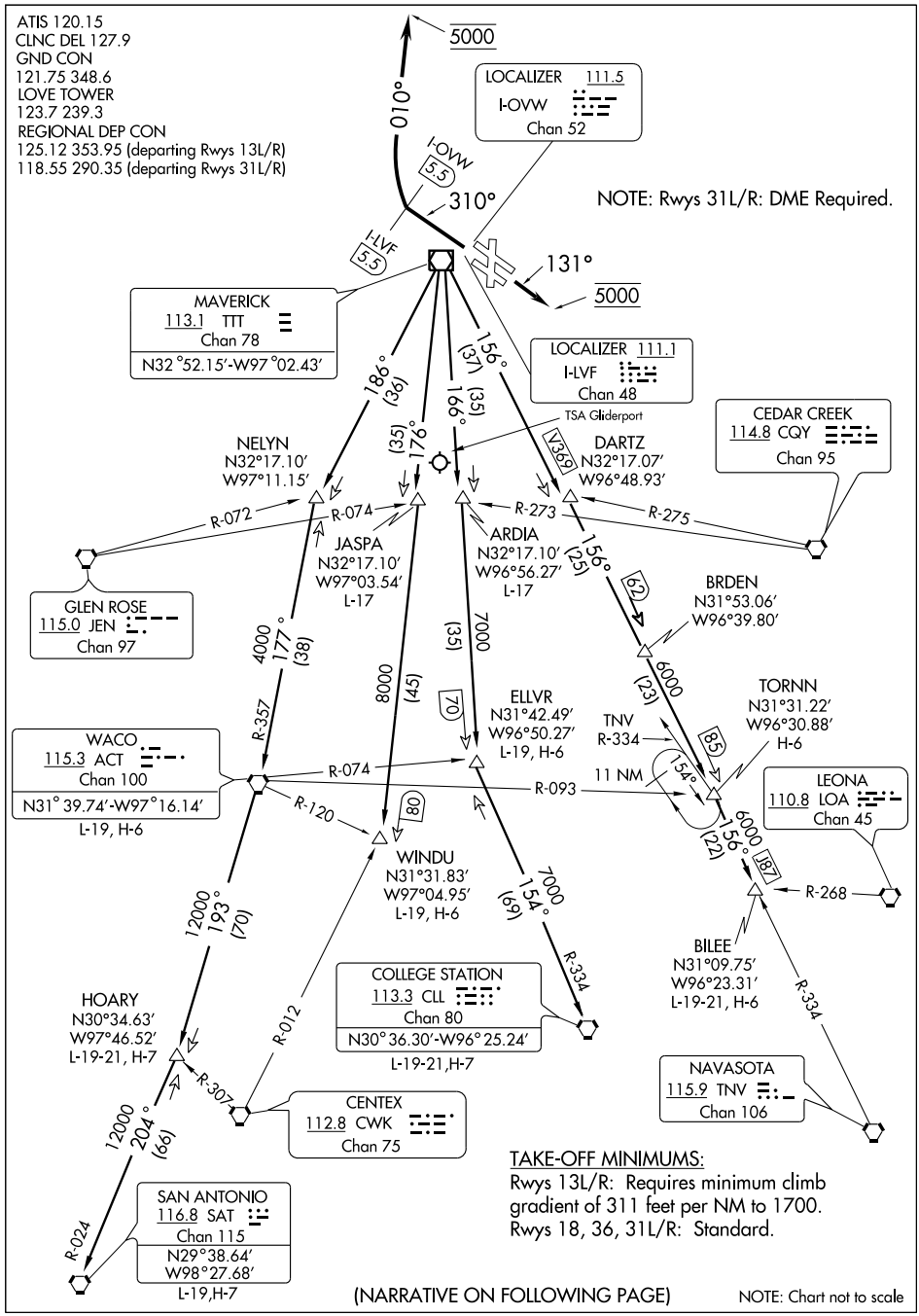
SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)
DALLAS, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

PROPS

Props departing DAL must contact clearance delivery for departure instructions.

JETS

TAKEOFF RWY 13L/R: Climb via heading 131°, expect vector to appropriate route, maintain 5000 feet and expect filed altitude 10 minutes after departure.

TAKEOFF RWY 31L/R: Climb via heading 310° until the LVF or OVW LOCALIZER 5.5 DME, then right turn heading 010° for vector to the appropriate route. Maintain 5000 and expect filed altitude 10 minutes after departure.

TAKEOFF RWY 18: Climb via assigned heading and altitude (before turning left, climb heading 180° to 1300), expect vector to appropriate route.

TAKEOFF RWY 36: Climb via assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/ Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

TAKE-OFF OBSTACLES:

Rwy 13L: Floodlight 965′ from DER, 743′ right of centerline, 31′ AGL/514′ MSL. Multiple trees and poles beginning 1166′ from DER, 516′ to 759′ left of centerline, up to 60′ AGL/547′ MSL.

Rwy 13R: Road, tree and pole beginning 203′ from DER, 480′ to 721′ right of centerline, up to 38′ AGL/514′ MSL. Light standard, sign, rod on stack beginning 691′ from DER, 555′ to 991′ left of centerline, up to 61′ AGL/537′ MSL.

Rwy 18: Multiple trees and pipe beginning 605′ from DER, 93′ to 415′ left of centerline, up to 41′ AGL/523′ MSL. Multiple trees, bldg, and OL on hangar beginning 300′ from DER, 90′ to 572′ right of centerline, up to 48′ AGL/530′ MSL.

Rwy 31L: Tree 340′ from DER, 408′ right of centerline, 10′ AGL/486′ MSL. Tree 253′ from DER, 429′ left of centerline, 7′ AGL/483′ MSL.

Rwy 31R: Multiple trees and pole beginning 38′ from DER, 392′ to 524′ left of centerline, up to 13′ AGL/490′ MSL. Multiple trees and poles beginning 366′ from DER, 553′ to 720′ right of centerline 48′ AGL/525′ MSL.

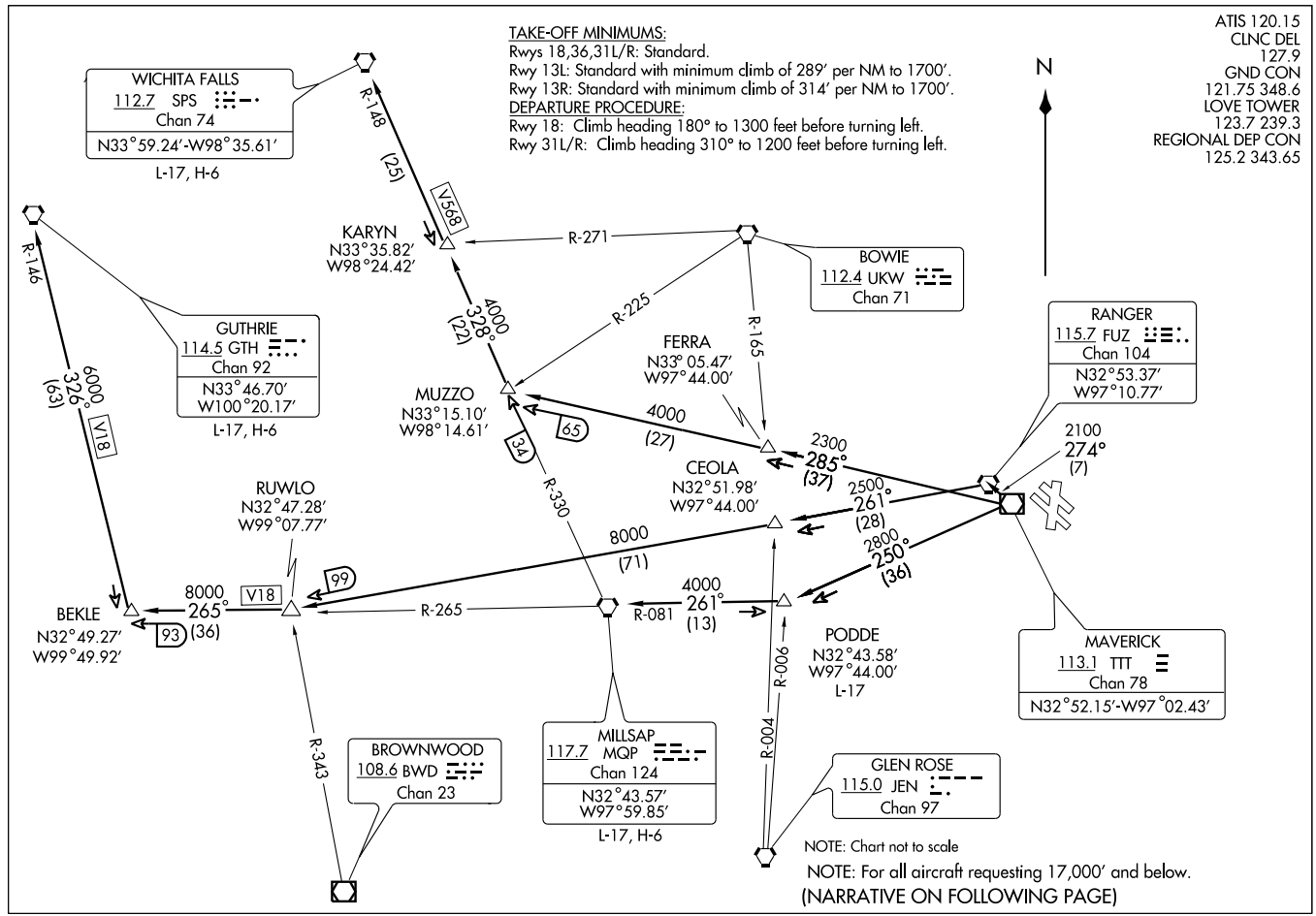
SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS



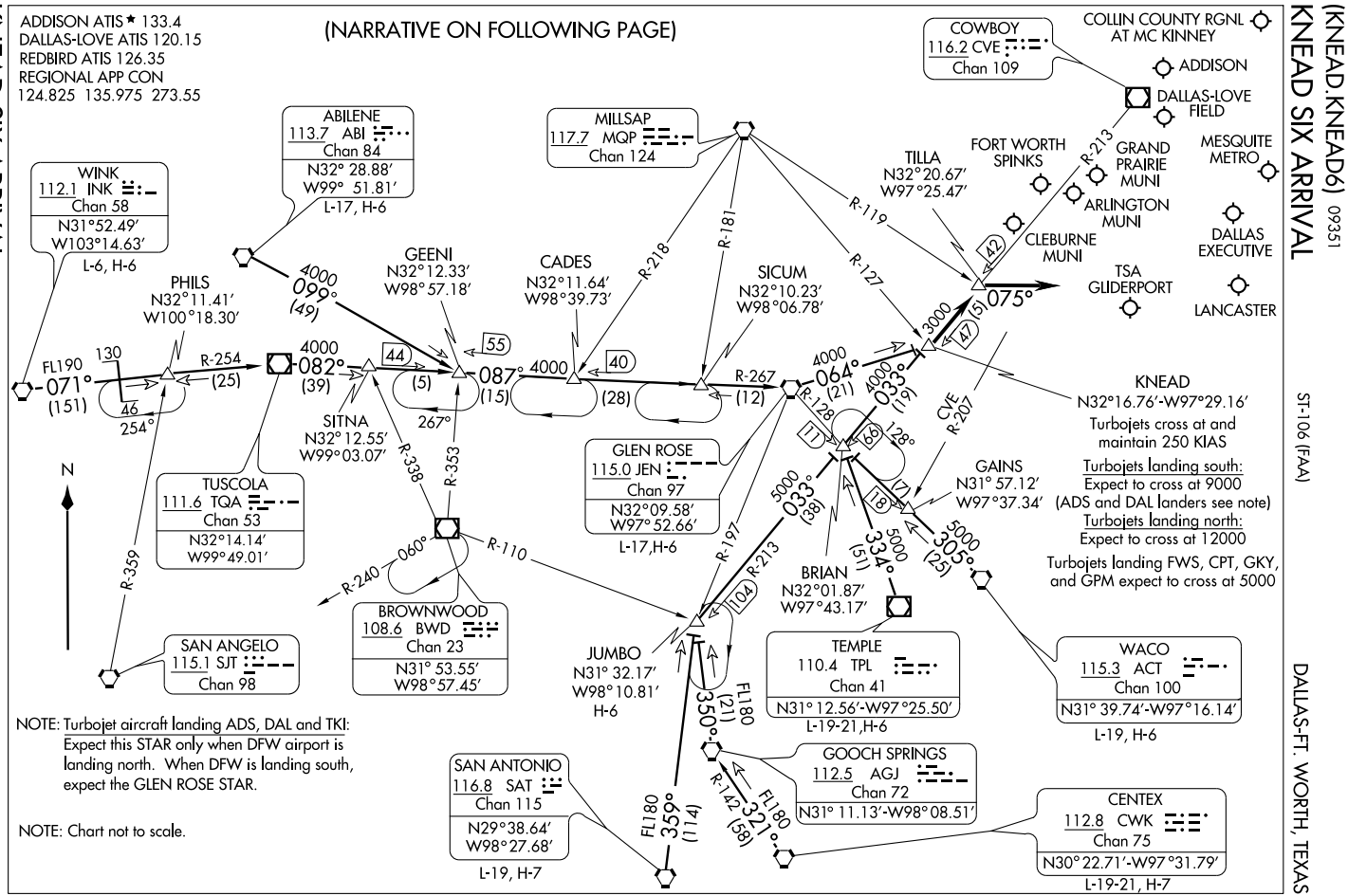
DEPARTURE ROUTE DESCRIPTION

All aircraft departing DAL must contact clearance delivery for departure instructions.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF OBSTACLES:
Note: Rwy 13R, Pole 654′ from departure end of runway, 614′ right of centerline, 23′ AGL/500′ MSL. Trees 1122′ from departure end of runway, 719′ right of centerline, 37′ AGL/514′ MSL. Multiple signs and trees beginning 779′ from departure end of runway, 669 feet left of centerline, 38′ AGL/503′ MSL up to 45′ AGL/537′ MSL.
Note: Rwy 13L, Multiple poles and trees beginning 844′ from DER, 515′ left of centerline, up to 54′ AGL/541′ MSL. Crane 5270′ from DER, 568′ left of centerline, 130′ AGL/630 MSL. Antenna on tank 1.5 NM from DER, 369′ left of centerline, 208′ AGL/712′ MSL
Note: Rwy 18, Building 303′ from DER, 354′ right of centerline, 47′ AGL/507′ MSL. Tree 775′ from DER, 138′ right of centerline, 32′ AGL/513′ MSL. Tree 821′ from DER, 329′ right of centerline, 39 AGL/519′ MSL. Tree 1031′ from DER, 107′ right of centerline, 49′ AGL/530′ MSL. Tree 1254′ from DER, 399′ left of centerline, 50′ AGL/531′ MSL. Tree 2004′ from DER, 413′ right of centerline, 55′ AGL/536′ MSL.
Note: Rwy 31L, Multiple trees beginning 327′ from DER, 374′ right of centerline, up to 22′ AGL/501′ MSL.
Note: Rwy 31R, Multiple trees beginning 366′ from DER, 552′ right of centerline, up to 29′ AGL/505′ MSL. Pole 39′ from DER, 501′ left of centerline, 27′ AGL/487′ MSL. Pole 1531′ from DER, 717′ right of centerline, 61′ AGL/521′ MSL. Trees 2080′ from DER, 644′ right of centerline, 54′ AGL/530′ MSL.
Note: Rwy 36, Tree 52′ from DER, 390′ left of centerline, 43′ AGL/523′ MSL. OL on blast fence, 56′ from DER, 298′ right of centerline, 7′ AGL/487′MSL. Trees 433′ from DER, 357′ right of centerline, 16′ AGL/496′ MSL. Trees 661′ from DER, 95′ left of centerline, 25′ AGL/505′ MSL. Building 898′ from DER, 223′ right of centerline, 25′ AGL/505′ MSL. Tree 1773′ from DER, 240′ right of centerline, 79′ AGL/559′ MSL. Multiple T-L towers beginning 2577′ from DER, 116′ left of centerline up to 68′ AGL/556′ MSL. T-L tower 2701′ from DER, 818′ right of centerline, 68′ AGL/572′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

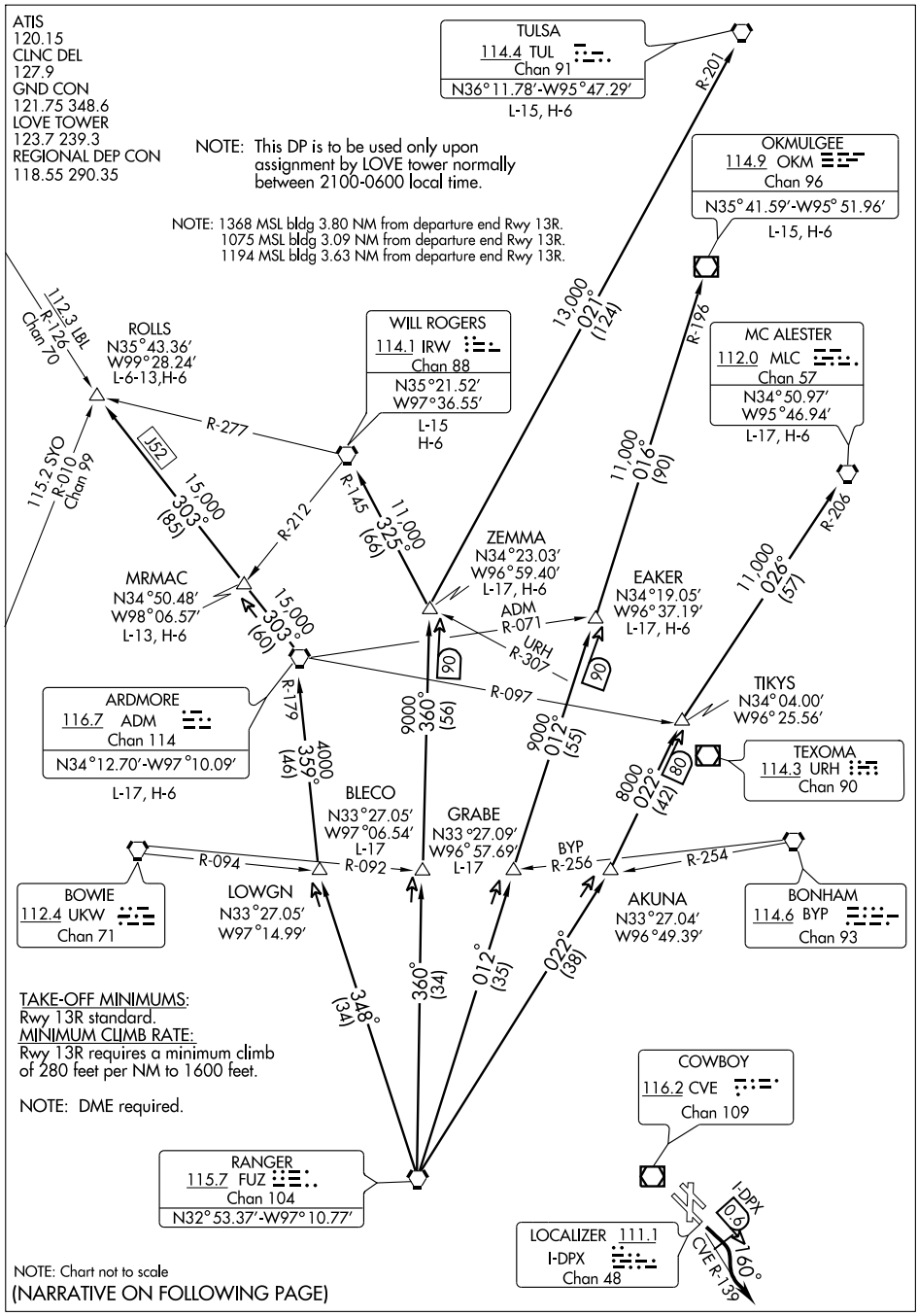
WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

KRUMM FOUR DEPARTURE

SL-106 (FAA)



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 13R: Turn right heading 160° as soon as possible after take-off but not later than 0.6 DME outbound on the I-DPX localizer southeast course, then intercept and climb via the CVE R-139 and expect vector to appropriate route. Maintain 5000 feet and expect filed altitude 10 minutes after departure.

ARDMORE TRANSITION (KRUMM4.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (KRUMM4.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (KRUMM4.EAKER): (For aircraft inbound to the TULSA terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (KRUMM4.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (KRUMM4.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (KRUMM4.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (KRUMM4.ROLLS): (For all aircraft proceeding northwest bound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (KRUMM4.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (KRUMM4.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (KRUMM4.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

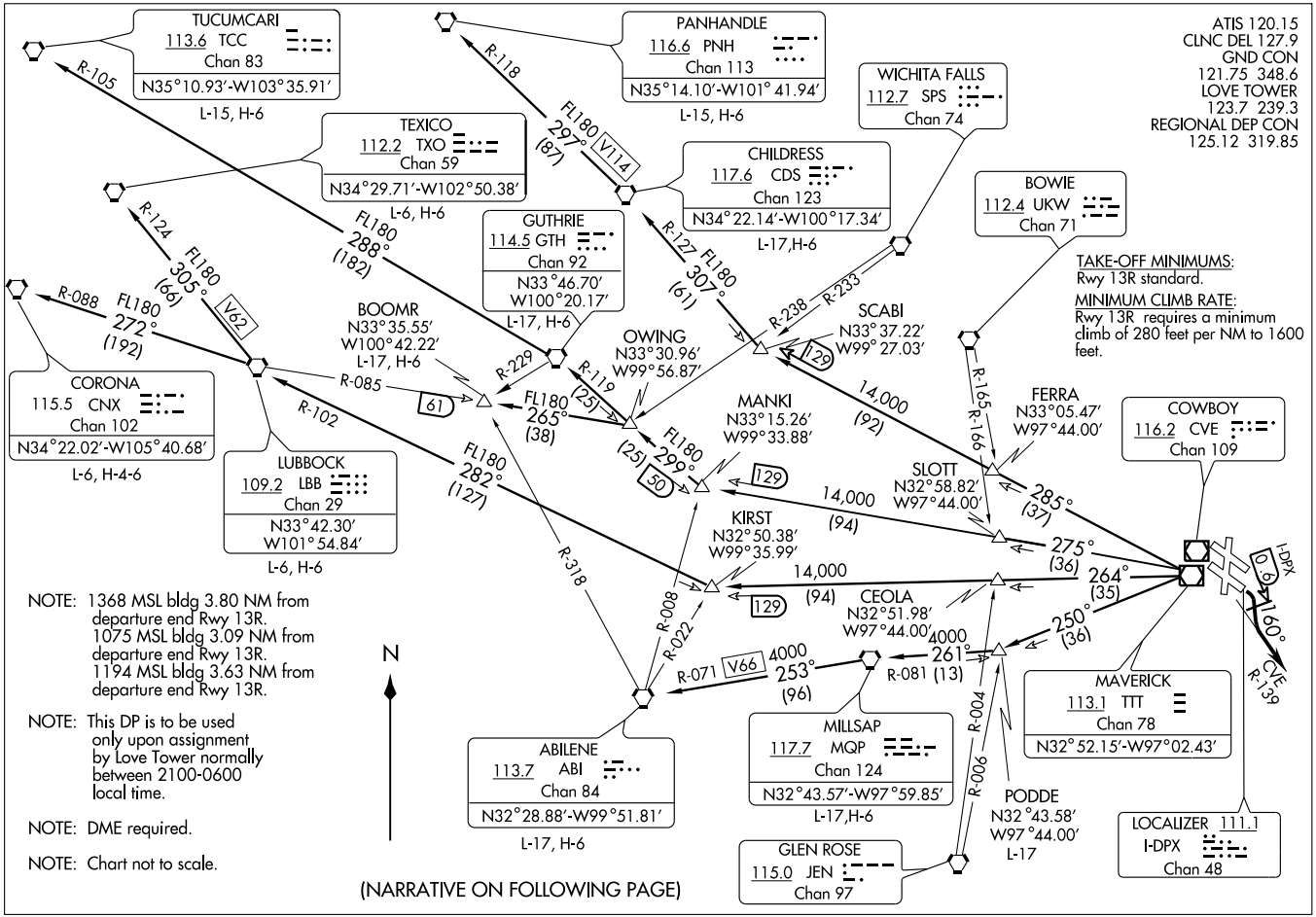
LOVE TWO DEPARTURE

(LOVE2.1111) 07298

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS

SL-106 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 13R: Turn right heading 160° as soon as possible after take-off, but no later than 0.6 DME outbound on the I-DPX Localizer southeast course, then intercept and climb via the CVE R-139 and expect vector to appropriate route. Maintain 5,000 feet and expect filed altitude 10 minutes after departure.

ABILENE TRANSITION (LOVE2.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (LOVE2.BOOMR): (For aircraft inbound to Lubbock Terminal Area.) From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-085 to BOOMR INT.

CHILDRESS TRANSITION (LOVE2.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (LOVE2.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (LOVE2.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (LOVE2.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (LOVE2.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC

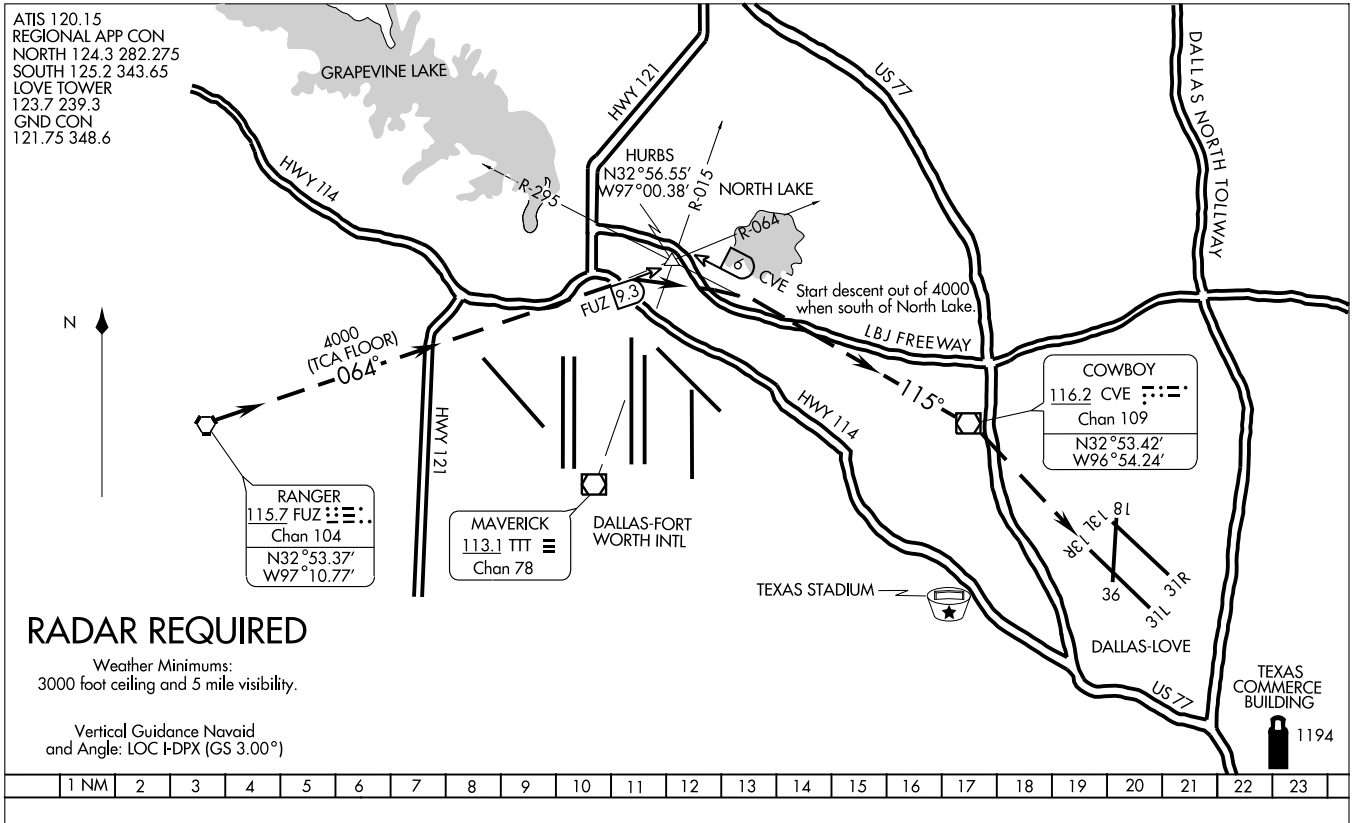
PANHANDLE TRANSITION (LOVE2.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (LOVE2.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (LOVE2.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (LOVE2.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



LOVE WEST VISUAL RWY 13R

AL-106 (FAA)

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS

LOVE-WEST VISUAL APPROACH RWY 13R

PROCEDURE NOT AUTHORIZED AT NIGHT.

WAAS CH 72808 W31A	APP CRS 310°	Rwy Idg 8800 TDZE 476 Apt Elev 487

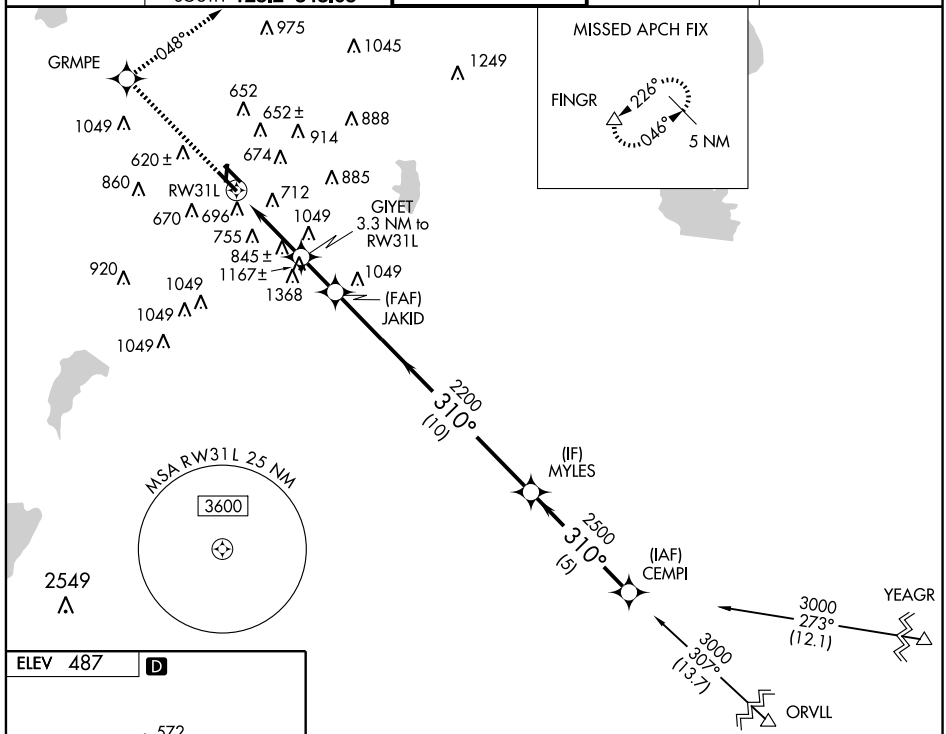
RNAV (GPS) RWY 31L
DALLAS-LOVE FIELD (DAL)

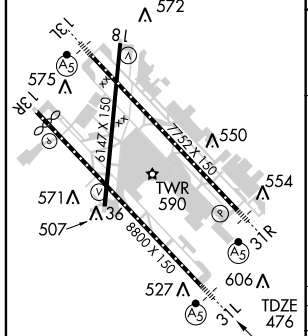
For inoperative MALSR, increase LPV all Cats visibility to RVR 5000. DME/DME RNP-0.3 NA.

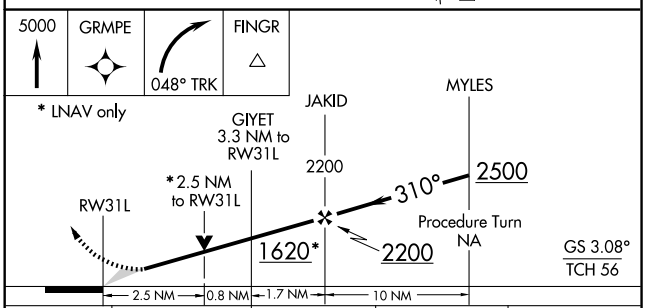
MALSR

MISSED APPROACH: Climb to 5000 direct GRMPE and right turn via 048° track to FINGR and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9







CATEGORY	A	B	C	D
LPV DA	769/24 293 (300-½)			
LNAV MDA	1360/40 884 (900-¾)		1360-2¼ 884 (900-2¼)	1360-2½ 884 (900-2½)
CIRCLING	1360-1¼ 873 (900-1¼)		1360-2¾ 873 (900-2¾)	1360-3 873 (900-3)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7752
310°	TDZE	487
	Apt Elev	487

RNAV (GPS) RWY 31R

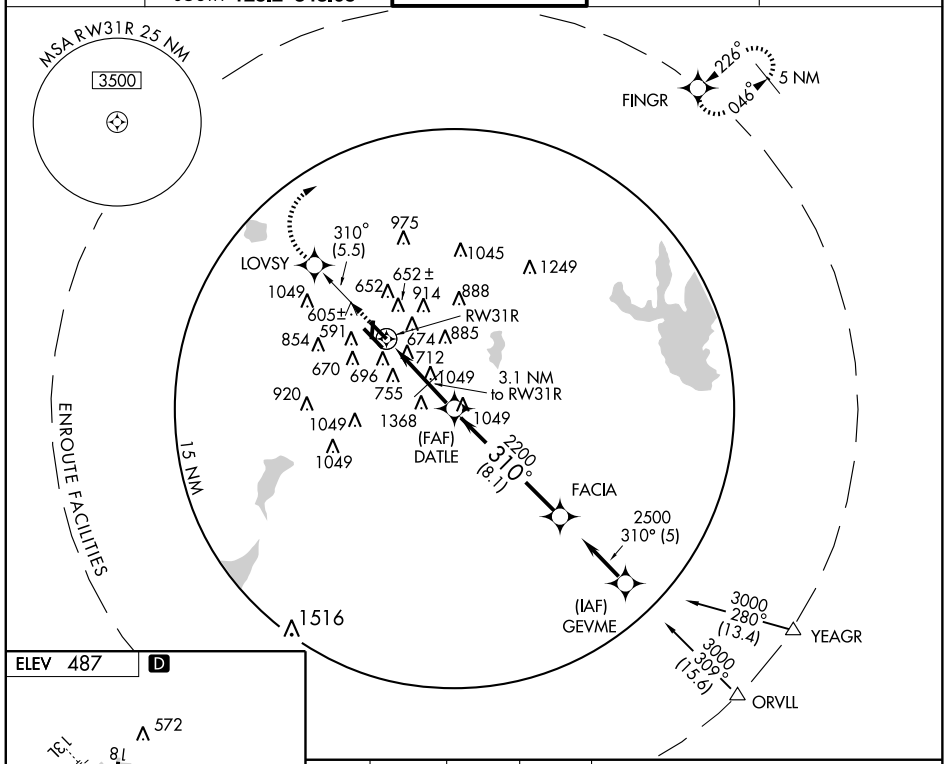
DALLAS-LOVE FIELD (DAL)

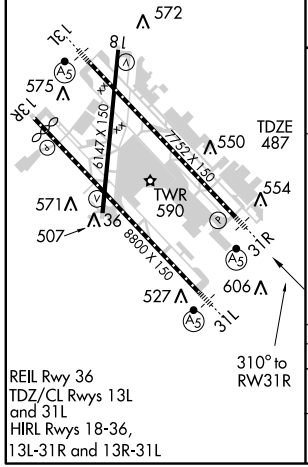
GPS or RNP-0.3 REQUIRED.
DME/DME RNP-0.3 NA.

MALSR

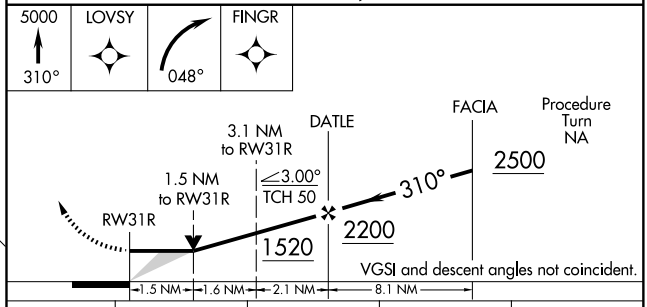
MISSED APPROACH: Climb to 5000 via 310° course to LOVSY WP then right turn via 048 course to FINGR WP and hold.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9





REIL Rwy 36
TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L



CATEGORY	A	B	C	D
LNAV MDA	1020/24 533 (600-½)		1020/50 533 (600-1)	1020/60 533 (600-1¼)
CIRCLING	1020-1 533 (600-1)		1020-1½ 533 (600-1½)	1160-2¼ 673 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7752
132°	TDZE	485
	Apt Elev	487

RNAV (GPS) Y RWY 13L

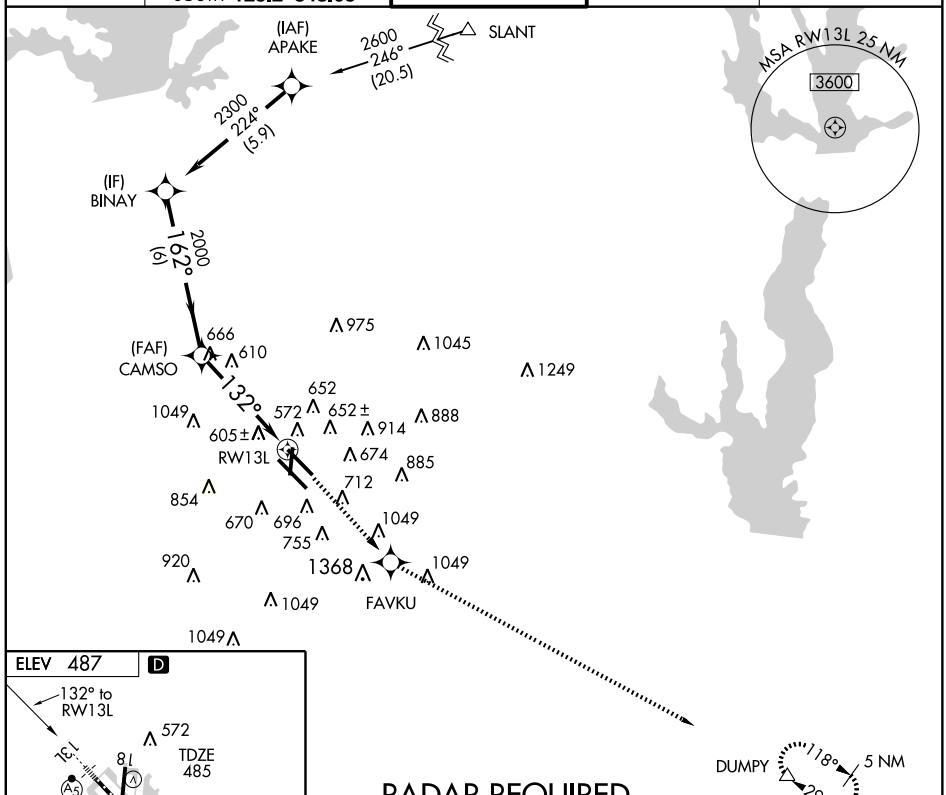
DALLAS-LOVE FIELD (DAL)

DME/DME RNP-0.3 NA.

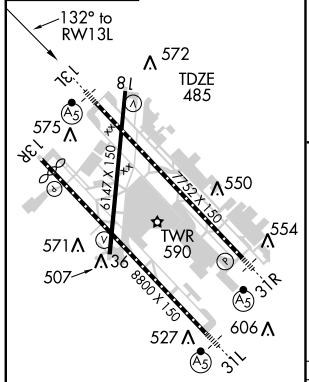
MALSR

MISSED APPROACH: Climb to 5000 direct FAVKU and via 112° TRK to DUMPY and hold, continue climb-in-hold to 5000.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9

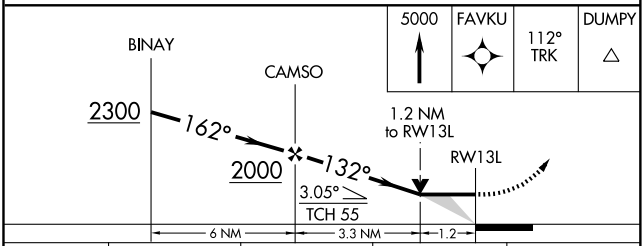


ELEV 487 D



REIL Rwy 36
TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L

RADAR REQUIRED



CATEGORY	A	B	C	D
LNAV MDA	920/24 435 (500-½)		920/40 435 (500-¾)	920/50 435 (500-1)
CIRCLING	1020-1 533 (600-1)		1020-1½ 533 (600-1½)	1160-2¼ 673 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8310
139°	TDZE	478
	Apt Elev	487

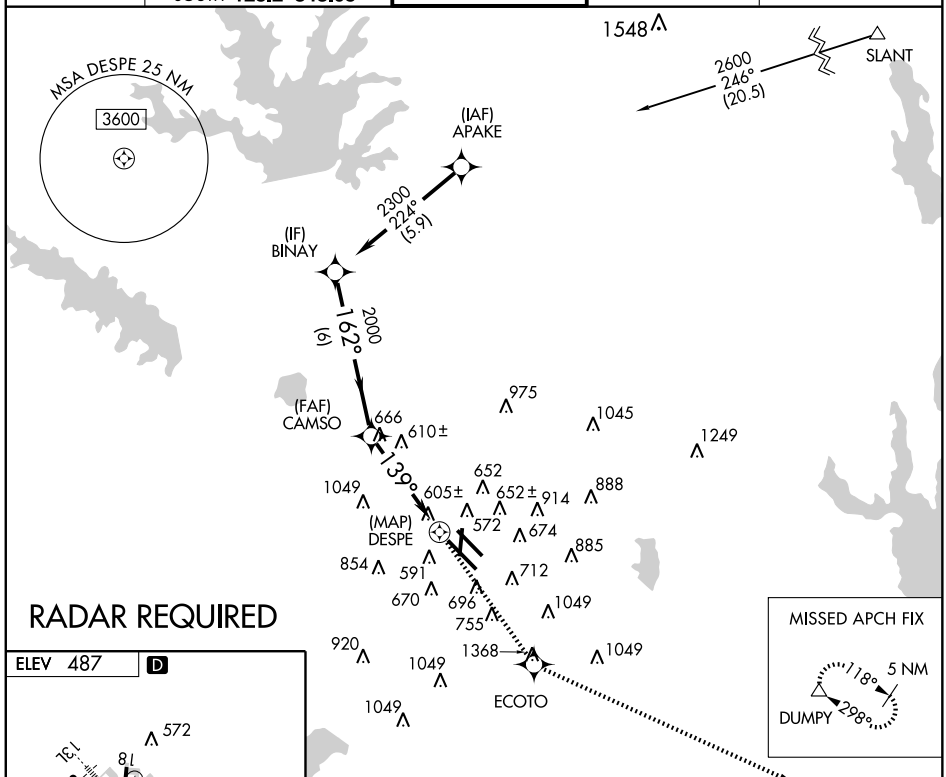
RNAV (GPS) Y RWY 13R

DALLAS-LOVE FIELD (DAL)

DME/DME RNP-0.3 NA.
Visibility reduction by helicopters NA.

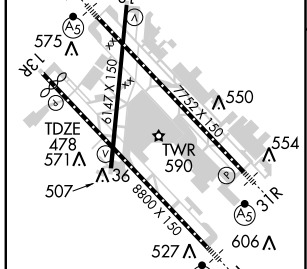
MISSED APPROACH: Climb to 5000 direct ECOTO and via 109° track to DUMPY and hold, continue climb-in-hold to 5000.

ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9

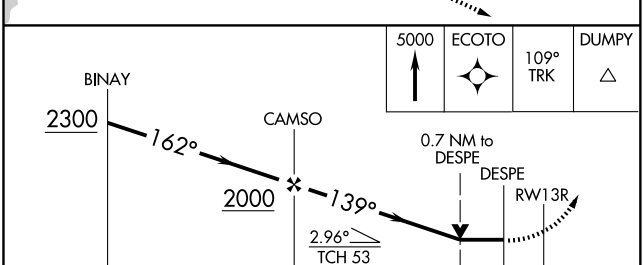


RADAR REQUIRED

ELEV 487 D



REIL Rwy 36
TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L



CATEGORY	A	B	C	D
LNAV MDA	920-1 442 (500-1)		920-1¼ 442 (500-1¼)	920-1½ 442 (500-1½)
CIRCLING	1020-1 533 (600-1)		1020-1½ 533 (600-1½)	1160-2¼ 673 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy ldg	7752
W13A	130°	TDZE	485
		Apt Elev	487

RNAV (GPS) Z RWY 13L
DALLAS-LOVE FIELD (DAL)

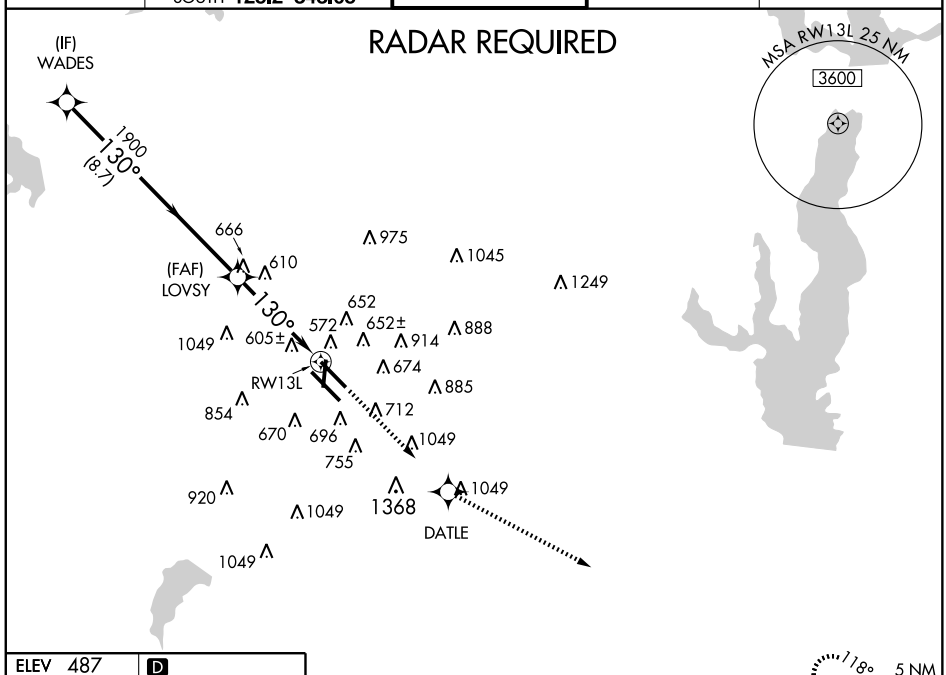
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

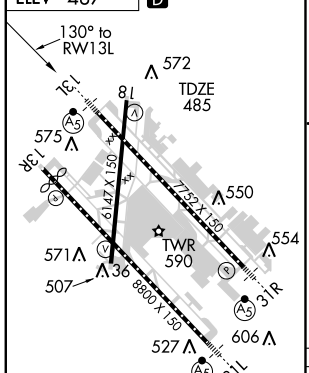
MALSR

MISSED APPROACH: Climb to 5000 direct DATLE and via 112° TRK to DUMPY and hold, continue climb-in-hold to 5000.

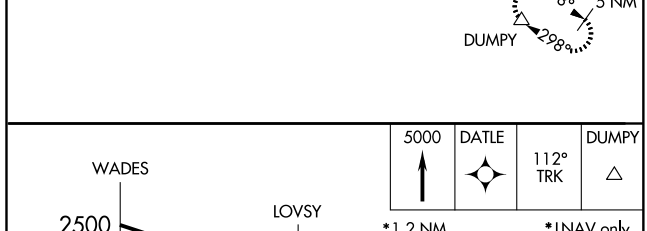
ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9

RADAR REQUIRED





REIL Rwy 36
TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L



CATEGORY	A	B	C	D
LNAV/VNAV DA	946/60 461 (500-1¼)			
LNAV MDA	920/24 435 (500-½)		920/40 435 (500-¾)	920/50 435 (500-1)
CIRCLING	1020-1½ 533 (600-1½)			1160-2¼ 673 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8310
130°	TDZE	478
	Apt Elev	487

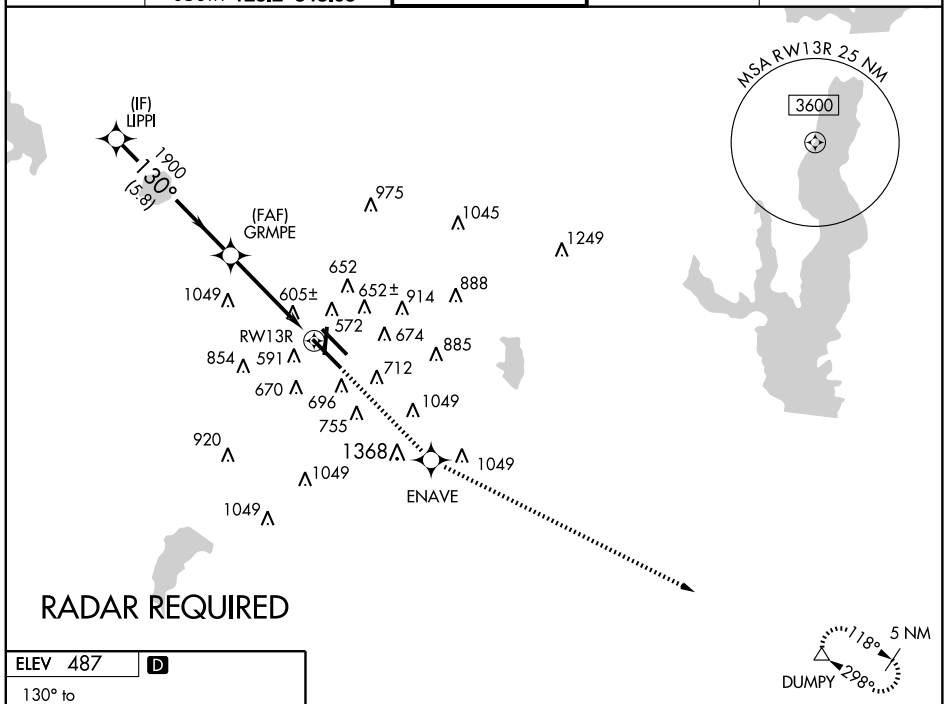
RNAV (GPS) Z RWY 13R

DALLAS-LOVE FIELD (DAL)

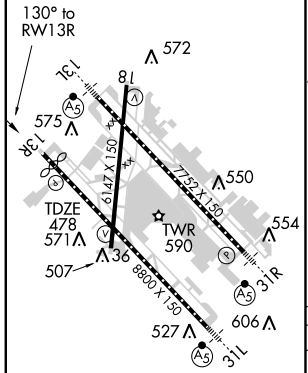
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 5000 direct ENAVE and via 111° track to DUMPY and hold, continue climb-in-hold to 5000.

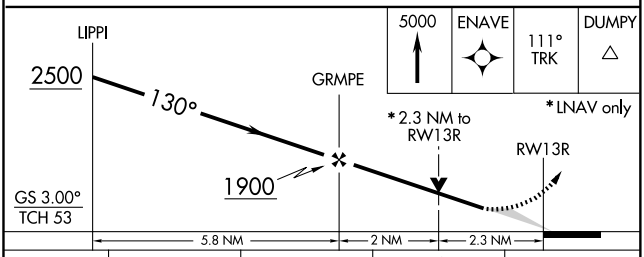
ATIS	REGIONAL APP CON	LOVE TOWER	GND CON	CLNC DEL
120.15	NORTH 124.3 282.275 SOUTH 125.2 343.65	123.7 239.3	121.75 348.6	127.9



RADAR REQUIRED



REIL Rwy 36
TDZ/CL Rwys 13L and 31L
HIRL Rwys 18-36, 13L-31R and 13R-31L



CATEGORY	A	B	C	D
LNAV/VNAV DA	946-1¾ 468 (500-1¾)			
LNAV MDA	1260-1 782 (800-1)	1260-1¼ 782 (800-1¼)	1260-2¼ 782 (800-2¼)	1260-2½ 782 (800-2½)
CIRCLING	1260-1½ 773 (800-1½)		1260-2¼ 773 (800-2¼)	1260-2½ 773 (800-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

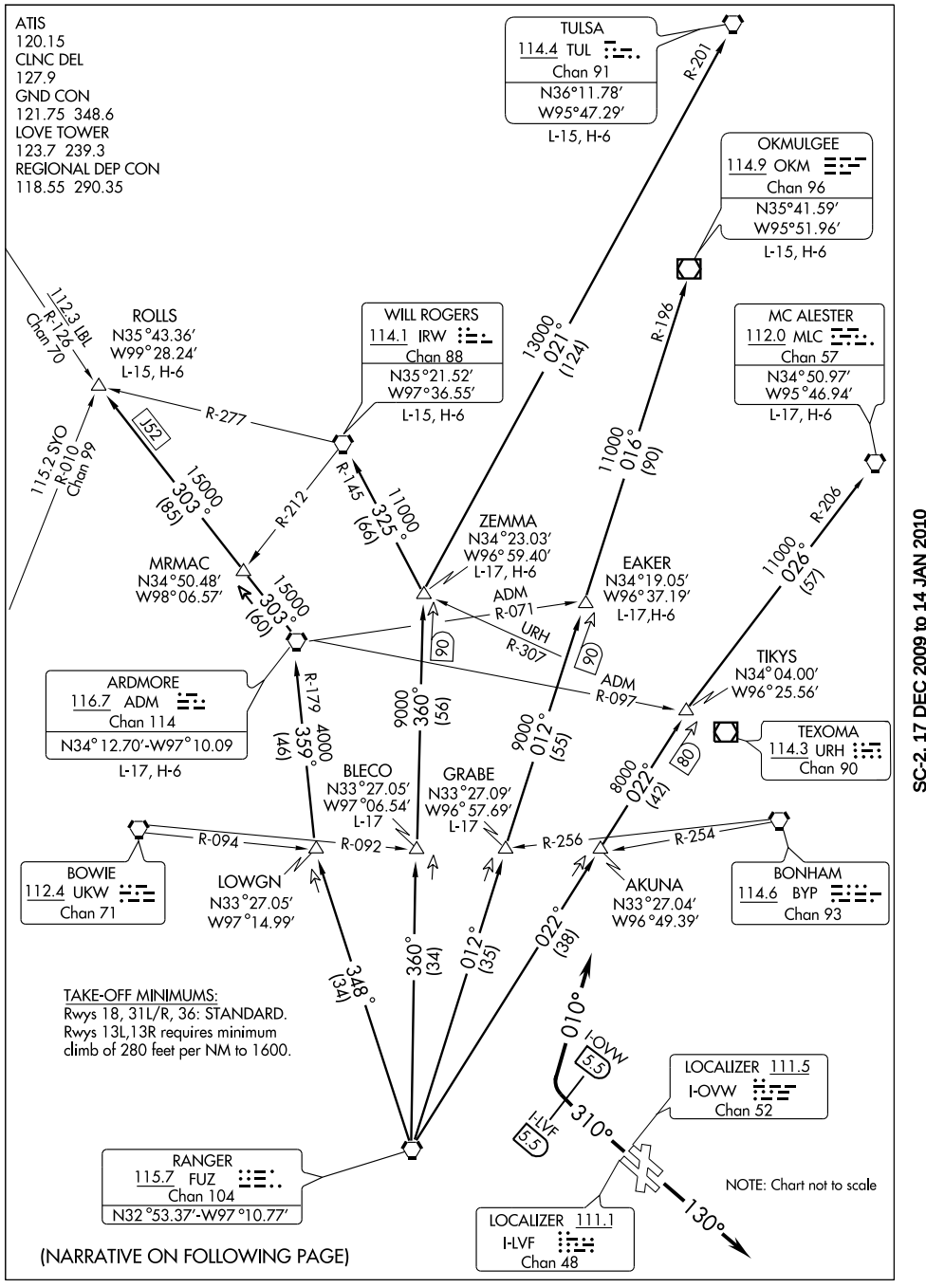
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)

DALLAS, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

Props departing DAL must contact Clearance Delivery for departure instructions.

JETS

TAKE-OFF RUNWAYS 13L/R: Climb via heading 130°, expect vectors to appropriate route.
TAKE-OFF RUNWAY 18: Climb via assigned heading and altitude (before turning left, climb via heading 180° to 1300), expect vector to appropriate route.
TAKE-OFF RUNWAYS 31L/R: Climb via heading 310° until the LVF or OVW localizer 5.5 DME, then turn right heading 010° for vector to appropriate route, maintain 5000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 36: Climb via assigned heading and altitude, expect vector to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.
BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.
EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.
GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.
MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.
OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.
TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.
WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.
ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

TAKE-OFF OBSTACLES:
Rwy 13L: Floodlight 965′ from DER, 743′ right of centerline, 31′ AGL/514′ MSL. Multiple trees and poles beginning 1166′ from DER, 516′ to 759′ left of centerline, up to 60′ AGL/547′ MSL.
Rwy 13R: Road, tree and pole beginning 203′ from DER, 480′ to 721′ right of centerline, up to 38′ AGL/514′ MSL. Light standard, sign, rod on stack beginning 691′ from DER, 555′ to 991′ left of centerline, up to 61′ AGL/537′ MSL.
Rwy 18: Multiple trees and pipe beginning 605′ from DER, 93′ to 415′ left of centerline, up to 41′ AGL/523′ MSL. Multiple trees, bldg and OL on hangar beginning 300′ from DER, 90′ to 572′ right of centerline, up to 48′ AGL/530′ MSL.
Rwy 31L: Tree 340′ from DER, 408′ right of centerline, 10′ AGL/486′ MSL. Tree 253′ from DER, 429′ left of centerline, 7′ AGL/483′ MSL.
Rwy 31R: Multiple trees and pole beginning 38′ from DER, 392′ to 524′ left of centerline, up to 13′ AGL/490′ MSL. Multiple trees and poles beginning 366′ from DER, 553′ to 720′ right of centerline 48′ AGL/525′ MSL.

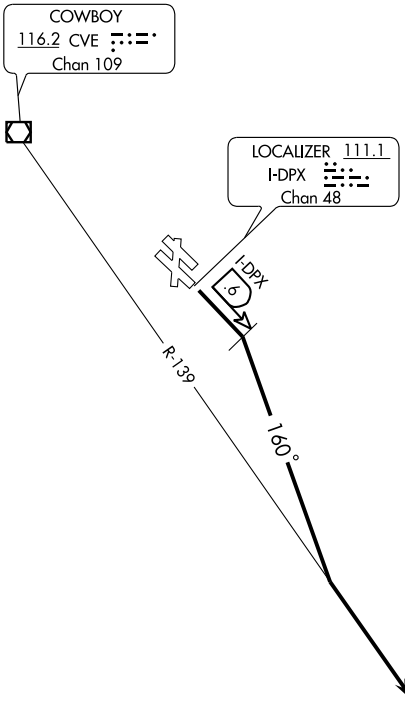
SC-2, 17 DEC 2009 to 14 JAN 2010

TRINITY SIX DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)
DALLAS, TEXAS

ATIS
120.15
CLNC DEL
127.9
GND CON
121.75 348.6
LOVE TOWER
123.7 239.3
REGIONAL DEP CON
125.12 353.95 (South and West)
118.55 290.35 (North and East)



NOTE: DME required.

NOTE: This SID requires a minimum climb of 280 ′ per NM to 1600′.

NOTE: To be used by assignment by Love Tower only, normally used between 2100-0600 local time.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

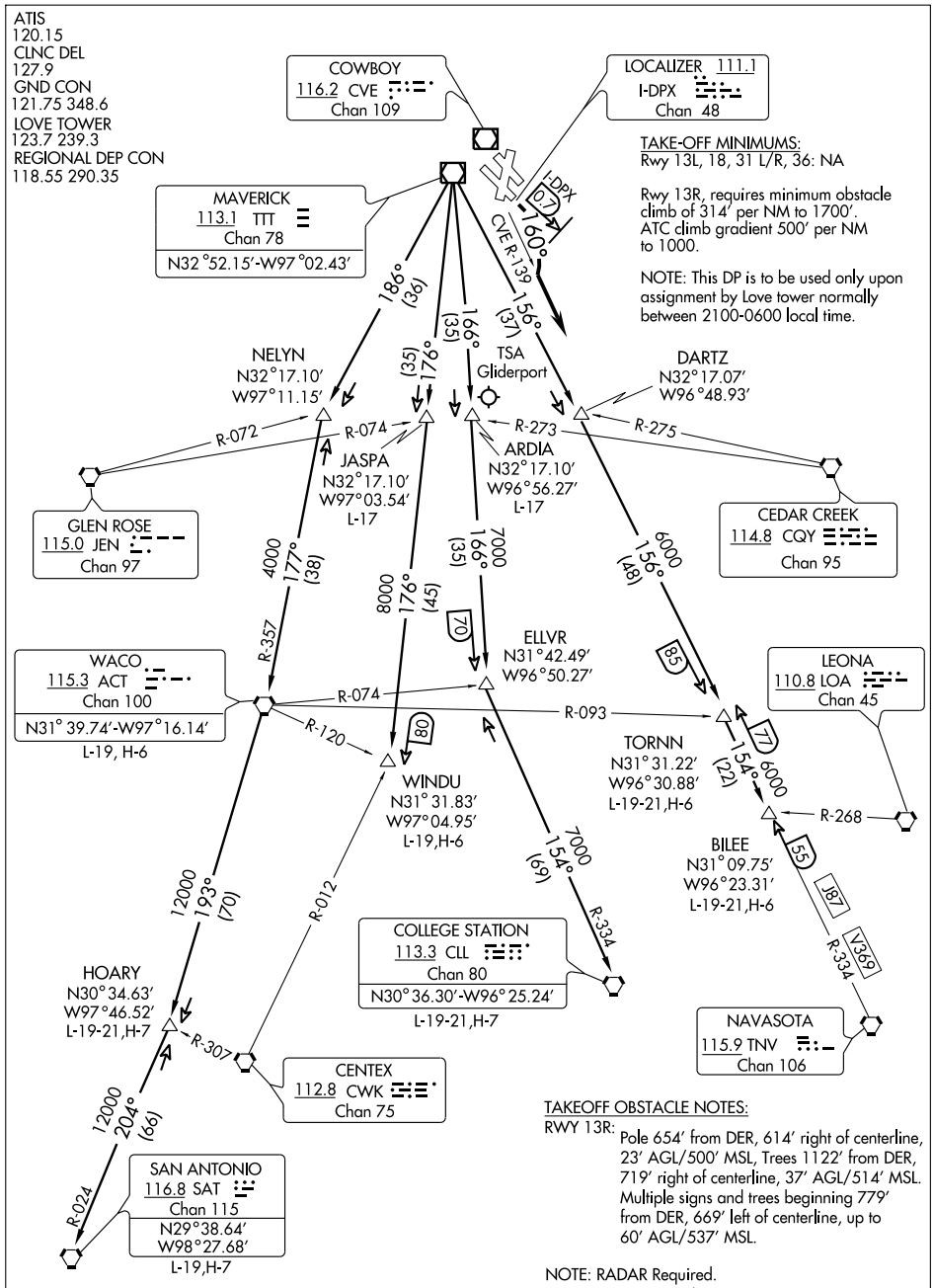
TAKE-OFF RUNWAY 13R: Turn right heading 160° as soon as possible after take-off but not later than .6 DME outbound on the I-DPX localizer southeast course, then intercept and climb via CVE R-139 and expect vector to appropriate route. Maintain 5,000 feet and expect filed altitude 10 minutes after departure.

SC-2, 17 DEC 2009 to 14 JAN 2010

VENUS SEVEN DEPARTURE

SL-106 (FAA)

DALLAS-LOVE FIELD (DAL)
DALLAS, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 13R: Turn right heading 160° not later than 0.7 DME outbound on the I-DPX localizer southeast course, to intercept and climb via the CVE R-139 outbound. Expect vector to appropriate route. Maintain 5000 feet, expect filed altitude 10 minutes after departure.

ARDIA TRANSITION (VENUS7.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (VENUS7.BILEE): (For aircraft overflying the BILEE INT) Thence . . . .

. . . . via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports.) From over TTT VOR/DME via TTT R-156 and TNV R-334 to BILEE INT.

COLLEGE STATION TRANSITION (VENUS7.CLL): (For aircraft inbound to Houston Hobby and West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (VENUS7.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (VENUS7.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (VENUS7.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

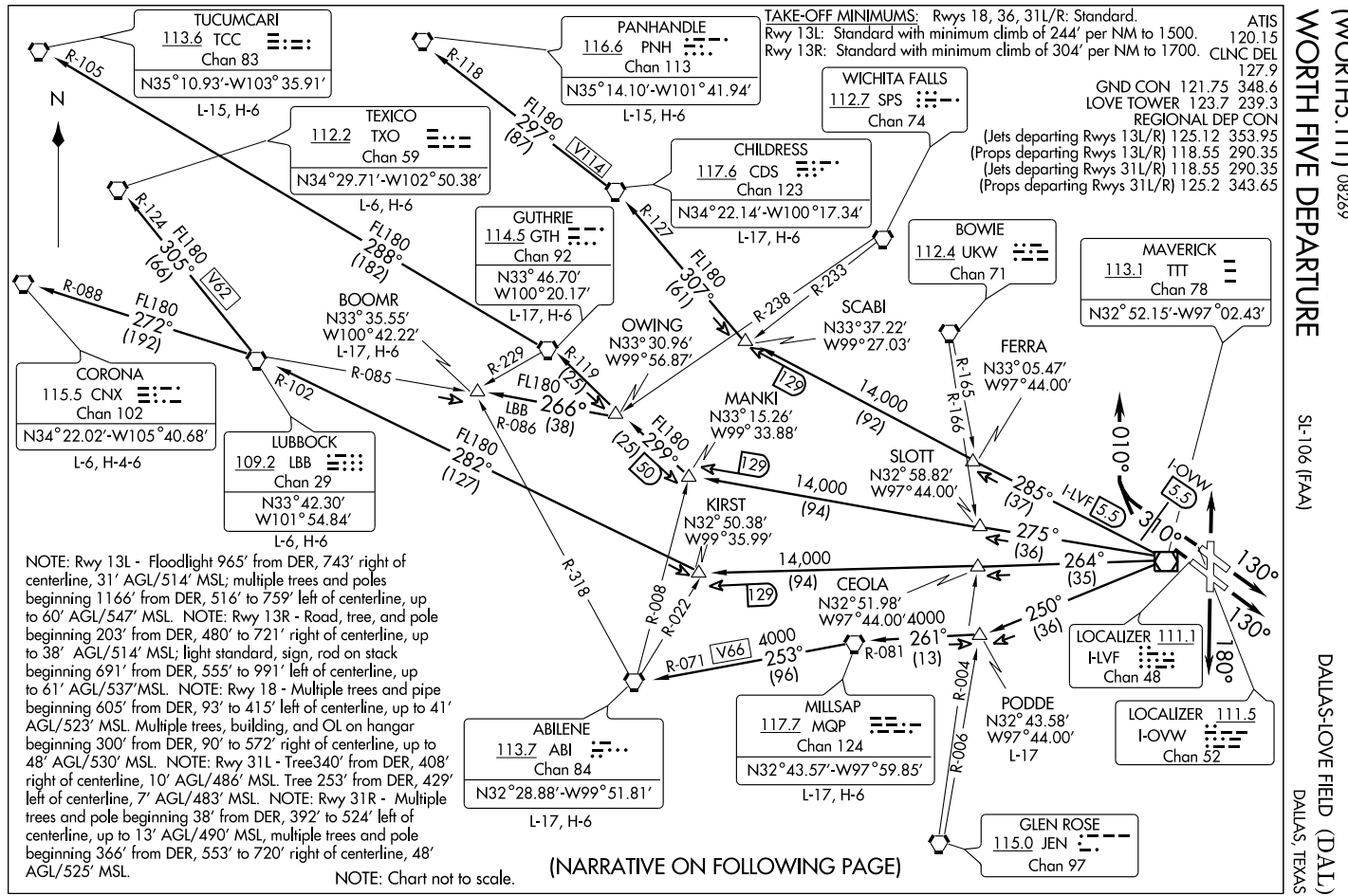
SAN ANTONIO TRANSITION (VENUS7.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (VENUS7.TORNN): (For aircraft landing at Lafayette, Lake Charles, or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (VENUS7.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (VENUS7.WINDU): (For aircraft inbound to Austin or San Antonio terminal area airports, aircraft should file and/or expect the BLEWE or MARCS ARRIVAL at WINDU INT). From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010


TAKE-OFF MINIMUMS: Rwys 18, 36, 31L/R: Standard.
Rwy 13L: Standard with minimum climb of 244' per NM to 1500.
Rwy 13R: Standard with minimum climb of 304' per NM to 1700.
ATIS 120.15
CLNC DEL 127.9
GND CON 121.75 348.6
LOVE TOWER 123.7 239.3
REGIONAL DEP CON
(Jets departing Rwys 13L/R) 125.12 353.95
(Props departing Rwys 13L/R) 118.55 290.35
(Jets departing Rwys 31L/R) 118.55 290.35
(Props departing Rwys 31L/R) 125.2 343.65
TUCUMCARI 113.6 TCC Chan 83 N35°10.93'-W103°35.91' L-15, H-6
PANHANDLE 116.6 PNH Chan 113 N35°14.10'-W101°41.94' L-15, H-6
WICHITA FALLS 112.7 SPS Chan 74
TEXICO 112.2 TXO Chan 59 N34°29.71'-W102°50.38' L-6, H-6
CHILDRESS 117.6 CDS Chan 123 N34°22.14'-W100°17.34' L-17, H-6
GUTHRIE 114.5 GTH Chan 92 N33°46.70' W100°20.17' L-17, H-6
BOWIE 112.4 UKW Chan 71
MAVERICK 113.1 TTT Chan 78 N32°52.15'-W97°02.43'
CORONA 115.5 CNX Chan 102 N34°22.02'-W105°40.68' L-6, H-4-6
LUBBOCK 109.2 LBB Chan 29 N33°42.30' W101°54.84' L-6, H-6
BOOMR N33°35.55' W100°42.22' L-17, H-6
OWING N33°30.96' W99°56.87'
SCABI N33°37.22' W99°27.03'
FERRA N33°05.47' W97°44.00'
MANKI N33°15.26' W99°33.88'
SLOTT N32°58.82' W97°44.00'
KIRST N32°50.38' W99°35.99'
CEOLA N32°51.98' W97°44.00'
ABILENE 113.7 ABI Chan 84 N32°28.88'-W99°51.81' L-17, H-6
MILLSAP 117.7 MQP Chan 124 N32°43.57'-W97°59.85' L-17, H-6
PODDE N32°43.58' W97°44.00' L-17
GLEN ROSE 115.0 JEN Chan 97
LOCALIZER 111.1 I-LVF Chan 48
LOCALIZER 111.5 I-OVW Chan 52
R-105
R-118
FL180 297° (87)
V114
R-124
FL180 305° (66)
V62
FL180 288° (182)
R-127
FL180 307° (61)
R-088
FL180 272° (192)
R-085
R-102
R-229
R-119
FL180 266° (38)
LBB R-086
FL180 282° (127)
R-318
R-238
R-233
129
14,000 (92)
R-165
R-166
FL180 299° (25)
50
14,000 (94)
285° (37)
I-LVF 5.5
010°
I-OVW 5.5
310°
275° (36)
264° (35)
130°
130°
180°
250° (36)
261° (13)
R-008
R-022
R-071
V66
4000
253° (96)
R-081
R-004
R-006
NOTE: Rwy 13L - Floodlight 965' from DER, 743' right of centerline, 31' AGL/514' MSL; multiple trees and poles beginning 1166' from DER, 516' to 759' left of centerline, up to 60' AGL/547' MSL. NOTE: Rwy 13R - Road, tree, and pole beginning 203' from DER, 480' to 721' right of centerline, up to 38' AGL/514' MSL; light standard, sign, rod on stack beginning 691' from DER, 555' to 991' left of centerline, up to 61' AGL/537'MSL. NOTE: Rwy 18 - Multiple trees and pipe beginning 605' from DER, 93' to 415' left of centerline, up to 41' AGL/523' MSL. Multiple trees, building, and OL on hangar beginning 300' from DER, 90' to 572' right of centerline, up to 48' AGL/530' MSL. NOTE: Rwy 31L - Tree340' from DER, 408' right of centerline, 10' AGL/486' MSL. Tree 253' from DER, 429' left of centerline, 7' AGL/483' MSL. NOTE: Rwy 31R - Multiple trees and pole beginning 38' from DER, 392' to 524' left of centerline, up to 13' AGL/490' MSL, multiple trees and pole beginning 366' from DER, 553' to 720' right of centerline, 48' AGL/525' MSL.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

PROPS

EXPECT COYOTE OR KINGDOM DEPARTURE

JETS

TAKE-OFF RUNWAY 13L/R: Climb via heading 130°, expect vectors to appropriate route. Maintain 5000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 18: Climb via heading 180° to 1300 feet before turning left, then fly assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAYS 31L/R: Climb via heading 310° until the LVF or OVW localizer 5.5 DME, then turn right heading 010° for vector to appropriate route. Maintain 5000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 36: Climb via assigned heading and altitude, expect vector to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

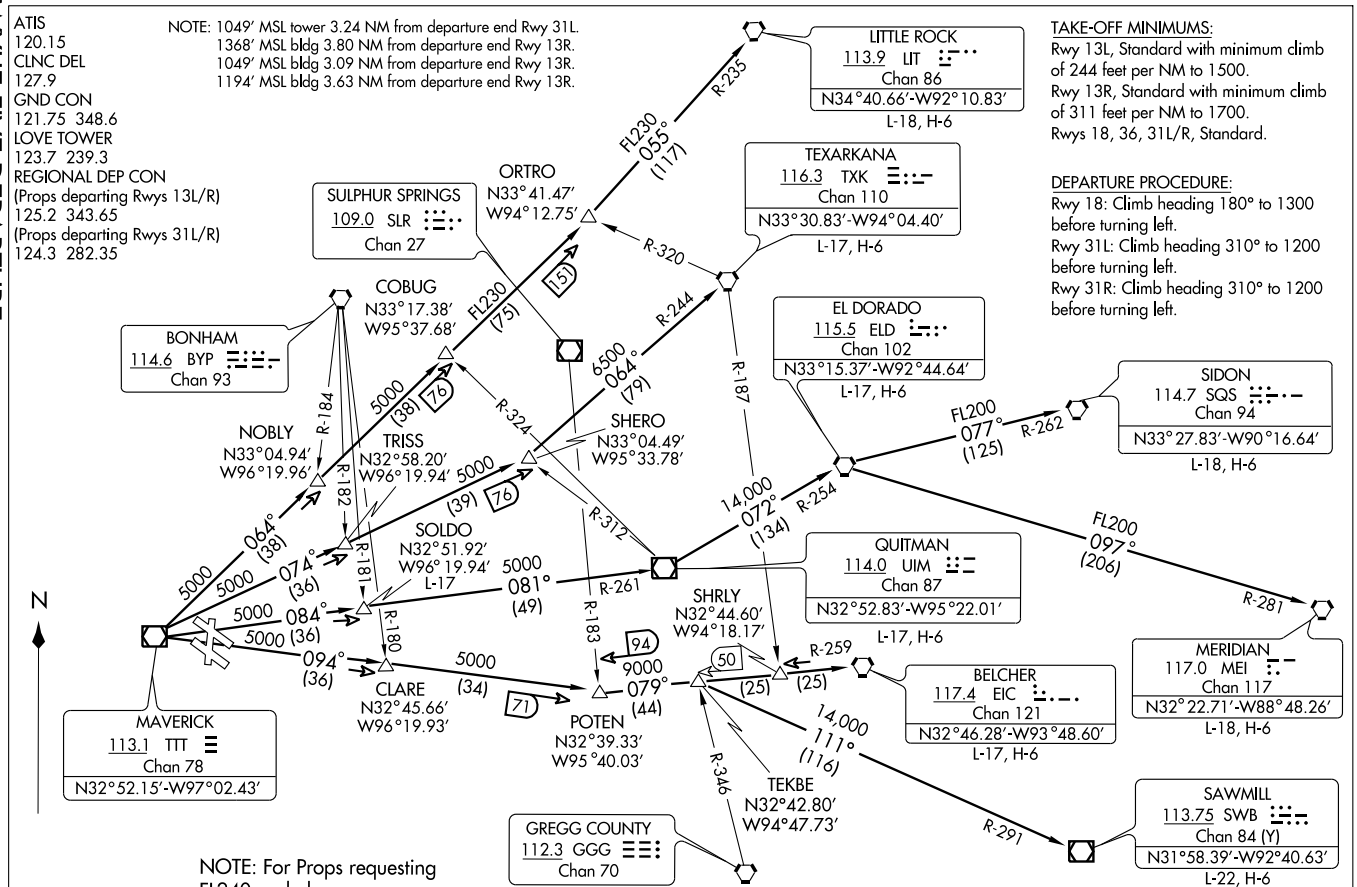
SC-2, 17 DEC 2009 to 14 JAN 2010

ATIS
120.15
CLNC DEL
127.9
GND CON
121.75 348.6
LOVE TOWER
123.7 239.3
REGIONAL DEP CON
(Props departing Rwys 13L/R)
125.2 343.65
(Props departing Rwys 31L/R)
124.3 282.35

NOTE: 1049′ MSL tower 3.24 NM from departure end Rwy 31L.
1368′ MSL bldg 3.80 NM from departure end Rwy 13R.
1049′ MSL bldg 3.09 NM from departure end Rwy 13R.
1194′ MSL bldg 3.63 NM from departure end Rwy 13R.

TAKE-OFF MINIMUMS:
Rwy 13L, Standard with minimum climb of 244 feet per NM to 1500.
Rwy 13R, Standard with minimum climb of 311 feet per NM to 1700.
Rwys 18, 36, 31L/R, Standard.

DEPARTURE PROCEDURE:
Rwy 18: Climb heading 180° to 1300 before turning left.
Rwy 31L: Climb heading 310° to 1200 before turning left.
Rwy 31R: Climb heading 310° to 1200 before turning left.



WYLIE FIVE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

JETS

Expect DALLAS DEPARTURE

PROPS

Props departing DAL must contact clearance delivery for departure instructions.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.

SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.

TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:

Rwy 13L, Floodlight, 965′ from departure end of runway, 743′ right of centerline, 31′ AGL/514′ MSL. Multiple trees and poles beginning 1166′ from departure end of runway, 516′ left of centerline, up to 60′ AGL/547′ MSL.

Rwy 13R, Road, tree and pole beginning 203′ from departure end of runway, 480′ right of centerline, up to 38′ AGL/514′ MSL. Light standard, sign, rod on stack beginning 691′ from departure end of runway, 555′ left of centerline, up to 61′ AGL/537′ MSL.

Rwy 18, Multiple trees and pipe beginning 605′ from departure end of runway, 93′ left of centerline, up to 41′ AGL/523′ MSL. Multiple trees, building and obstruction light on hangar beginning 300′ from departure end of runway, 90′ right of centerline, up to 48′ AGL/530′ MSL.

Rwy 31L, Tree, 340′ from departure end of runway, 408′ right of centerline, 10′ AGL/486′ MSL. Tree, 253′ from departure end of runway, 429′ left of centerline, 7′ AGL/483′ MSL.

Rwy 31R, Multiple trees and pole beginning 38′ from departure end of runway, 392′ left of centerline, up to 13′ AGL/490′ MSL. Multiple trees and poles beginning 366′ from departure end of runway, 553′ right of centerline, up to 48′ AGL/525′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

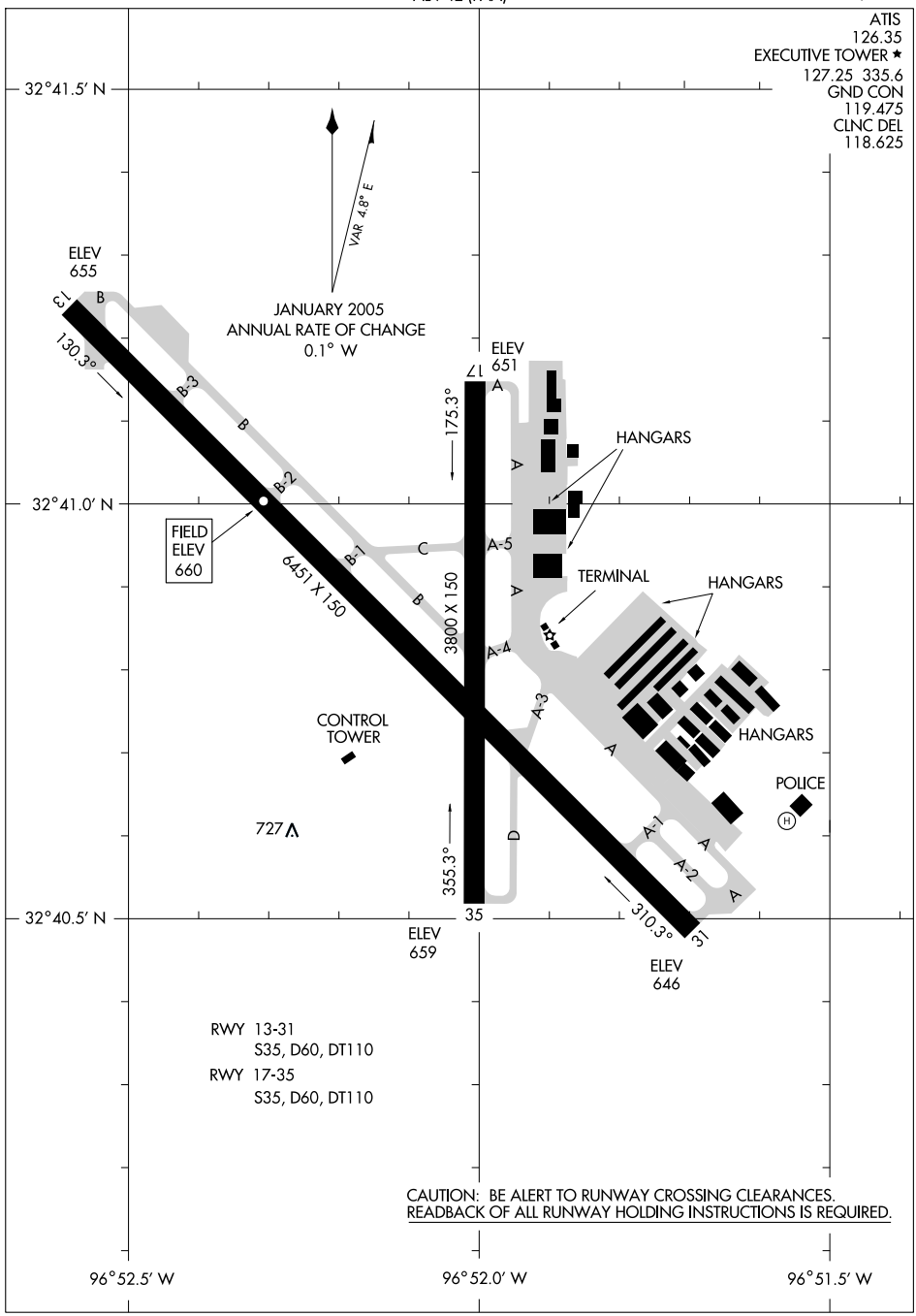
09239

AIRPORT DIAGRAM

AL-742 (FAA)

DALLAS EXECUTIVE (RBD)

DALLAS, TEXAS



RWY 13-31
S35, D60, DT110
RWY 17-35
S35, D60, DT110

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

ATIS 126.35
CLNC DEL
118.625
GND CON
119.475
EXECUTIVE TOWER ★
127.25 (CTAF) 335.6
REGIONAL DEP CON
125.2 343.65
CTAF 120.3

DEPARTURE PROCEDURE:
Rwy 13: Climb via heading 129° to 2400 before turning westbound.
Rwy 17: Climb via heading 174° to 2400 before turning westbound.
Rwy 31: Climb via heading 309° to 1600 before turning southbound.
Rwy 35: Climb via heading 354° to 1600 before turning southbound.

TAKE-OFF MINIMUMS:
All runways standard.

NOTE: For Jets requesting FL180 and above.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

ORTRO
N33°41.47′
W94°12.75′

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.39′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

BONHAM
114.6 BYP
Chan 93

COBUG
N33°17.38′
W95°37.68′

QUITMAN
114.0 UIM
Chan 87
N32°52.82′-W95°22.01′
L-17, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15′
W97°02.43′

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SHERO
N33°04.49′
W95°33.78′

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26
L-18, H-6

SOLDO
N32°51.92′
W96°19.94′
L-17

SHRLY
N32°44.60′
W94°18.17′

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

CLARE
N32°45.66′
W96°19.93′

POTEN
N32°39.33′
W95°40.03′

TEKBE
N32°42.80′
W94°47.73′

SAWMILL
113.75 SWB
Chan 84
N31°58.39′
W92°40.63′
L-22, H-6

GREGG COUNTY
112.3 GGG
Chan 70

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

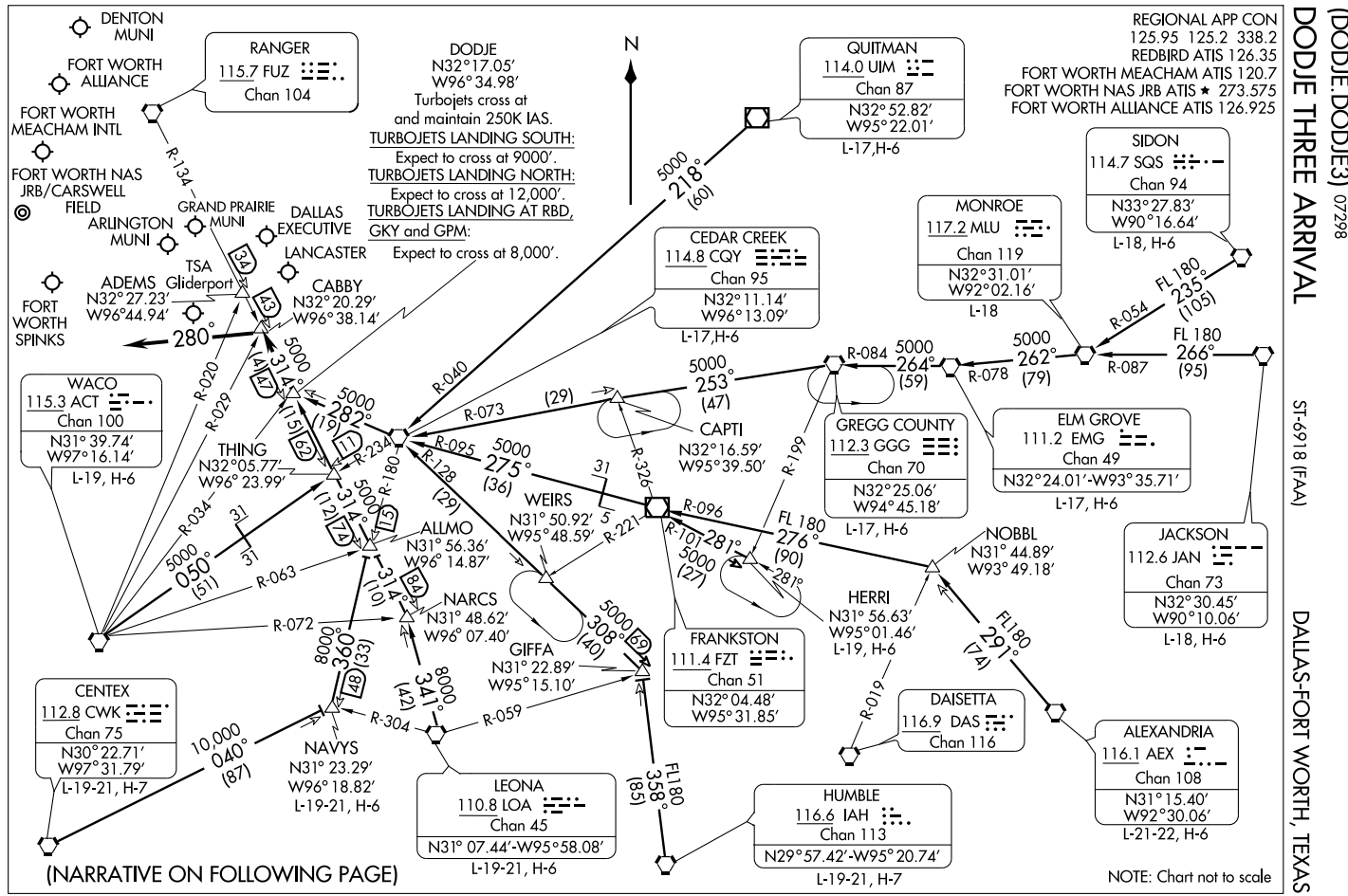
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

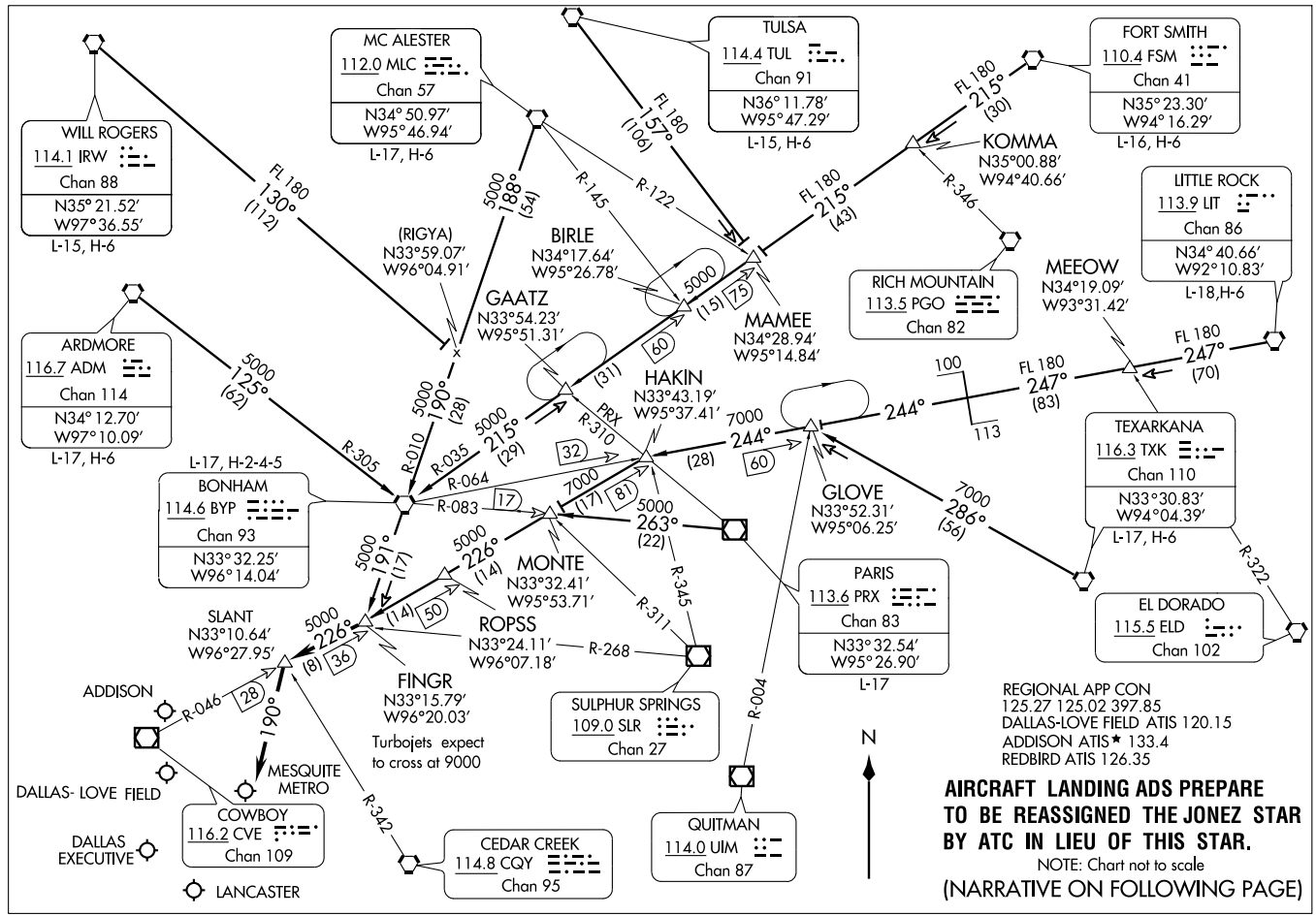
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


FINGR THREE ARRIVAL
(FINGR.FINGR3) 09351
ST-106 (FAA)
DALLAS-FT. WORTH, TEXAS
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52′
W97° 36.55′
L-15, H-6
MC ALESTER
112.0 MLC
Chan 57
N34° 50.97′
W95° 46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78′
W95° 47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35° 23.30′
W94° 16.29′
L-16, H-6
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34° 40.66′
W92° 10.83′
L-18,H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
MEEOW
N34°19.09′
W93°31.42′
ARDMORE
116.7 ADM
Chan 114
N34° 12.70′
W97° 10.09′
L-17, H-6
(RIGYA)
N33°59.07′
W96°04.91′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
MAMEE
N34°28.94′
W95°14.84′
HAKIN
N33°43.19′
W95°37.41′
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′
W94°04.39′
L-17, H-6
L-17, H-2-4-5
BONHAM
114.6 BYP
Chan 93
N33° 32.25′
W96° 14.04′
GLOVE
N33°52.31′
W95°06.25′
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33° 32.54′
W95° 26.90′
L-17
EL DORADO
115.5 ELD
Chan 102
SLANT
N33°10.64′
W96°27.95′
ROPSS
N33°24.11′
W96°07.18′
FINGR
N33°15.79′
W96°20.03′
Turbojets expect
to cross at 9000
SULPHUR SPRINGS
109.0 SLR
Chan 27
ADDISON
MESQUITE METRO
DALLAS- LOVE FIELD
COWBOY
116.2 CVE
Chan 109
DALLAS EXECUTIVE
LANCASTER
CEDAR CREEK
114.8 CQY
Chan 95
QUITMAN
114.0 UIM
Chan 87
FL 180 130° (112)
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
FL 180 247° (70)
FL 180 247° (83)
5000 188° (54)
5000 125° (62)
5000 190° (28)
5000 215° (29)
5000 191° (17)
5000 226° (14)
5000 226° (8)
5000 263° (22)
7000 244° (28)
7000 286° (56)
R-145
R-122
R-346
R-305
R-010
R-035
R-064
R-083
R-310
R-345
R-311
R-268
R-342
R-004
R-322
(15) 75
(31) 60
PRX
32
17
(17) 81
(14) 50
(8) 36
28
190°
R-046
244°
100
113
7000
60
N
REGIONAL APP CON
125.27 125.02 397.85
DALLAS-LOVE FIELD ATIS 120.15
ADDISON ATIS★ 133.4
REDBIRD ATIS 126.35
AIRCRAFT LANDING ADS PREPARE TO BE REASSIGNED THE JONEZ STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

FINGR THREE ARRIVAL (FINGR.FINGR3)

ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.FINGR3): From over ADM VORTAC via ADM R-125 and BYP R-305 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
BONHAM TRANSITION (BYP.FINGR3): From over BYP VORTAC via BYP R-191 to to FINGR INT. Thence . . . .
FORT SMITH TRANSITION (FSM.FINGR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
LITTLE ROCK TRANSITION (LIT.FINGR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
MC ALESTER TRANSITION (MLC.FINGR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
PARIS TRANSITION (PRX.FINGR3): From over PRX VOR/DME via PRX R-263 to MONTE INT, then via CVE R-046 to FINGR INT. Thence . . . .
TEXARKANA TRANSITION (TXK.FINGR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
TULSA TRANSITION (TUL.FINGR3): From over TUL VORTAC via TUL R-157 to to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
WILL ROGERS TRANSITION (IRW.FINGR3): From over IRW VORTAC via IRW R-130 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . . From over FINGR INT via CVE R-046 to SLANT INT.
AIRCRAFT LANDING NORTH: Depart SLANT INT heading 190° for vectors to final approach course.
AIRCRAFT LANDING SOUTH: Expect vectors to final approach course.

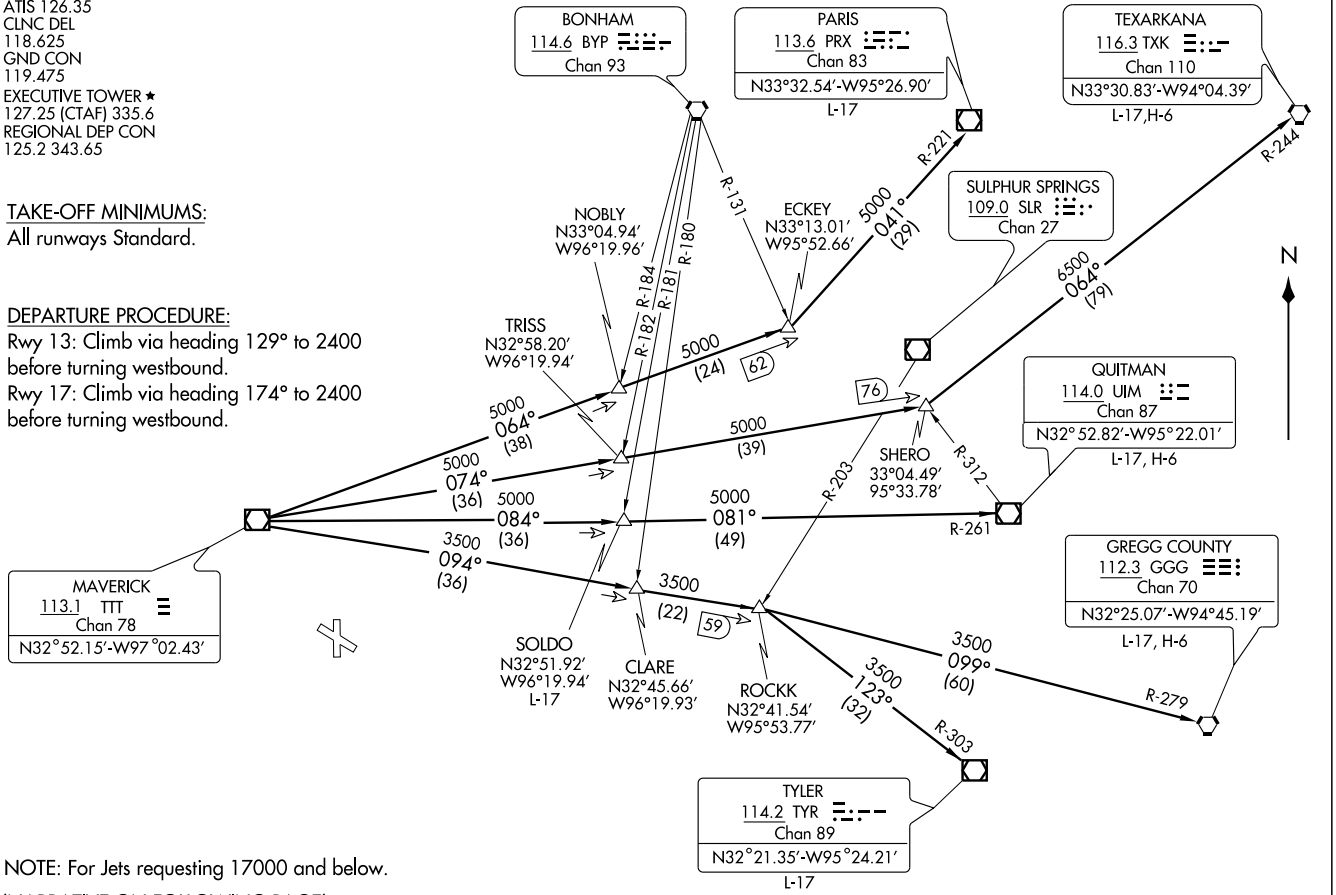
SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE

ATIS 126.35
CLNC DEL
118.625
GND CON
119.475
EXECUTIVE TOWER ★
127.25 (CTAF) 335.6
REGIONAL DEP CON
125.2 343.65

TAKE-OFF MINIMUMS:
All runways Standard.

DEPARTURE PROCEDURE:
Rwy 13: Climb via heading 129° to 2400 before turning westbound.
Rwy 17: Climb via heading 174° to 2400 before turning westbound.



NOTE: For Jets requesting 17000 and below.
(NARRATIVE ON FOLLOWING PAGE)

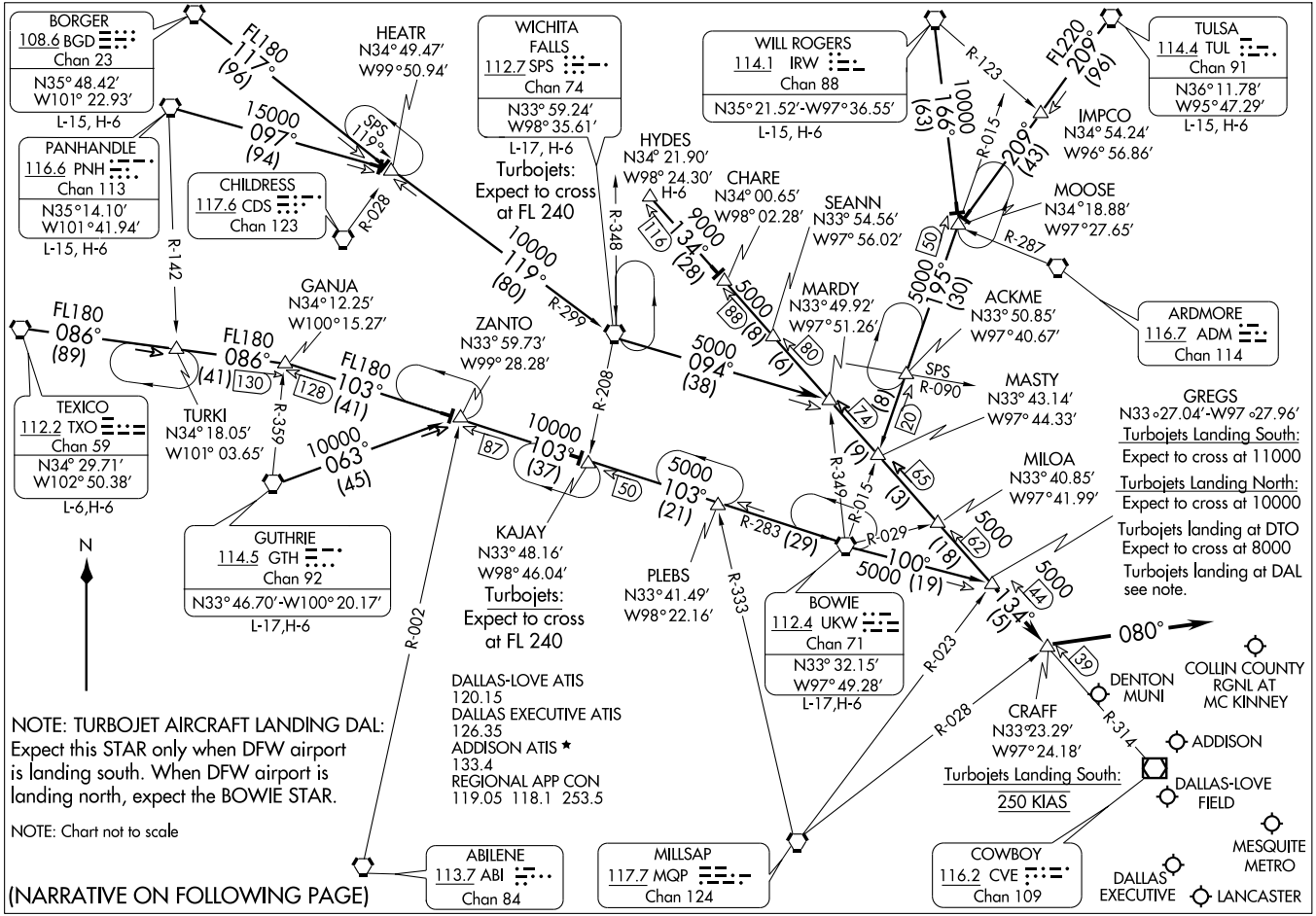
NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

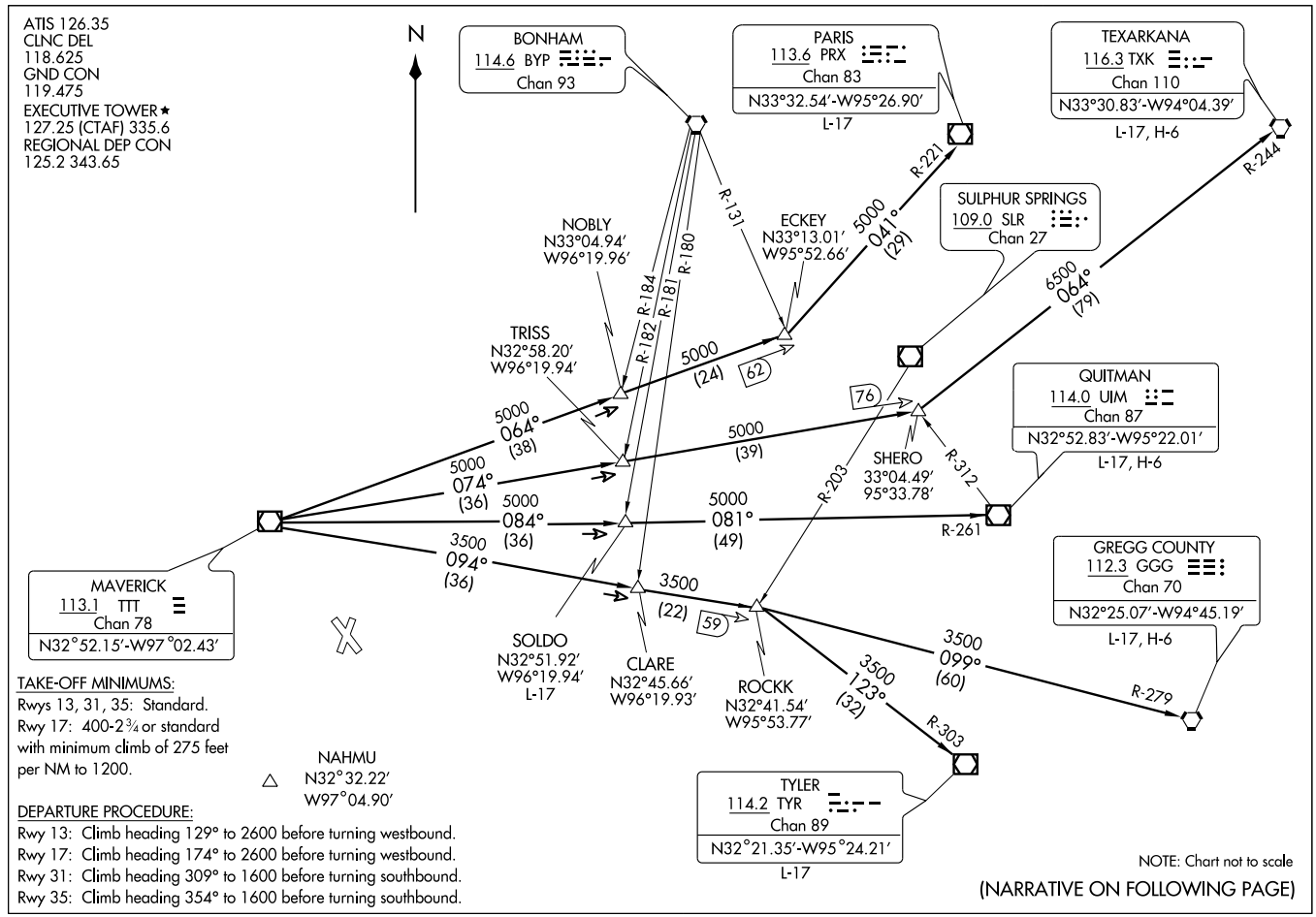
WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE



HUBBARD SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 13:
OL on blast fence 109′ from departure end of runway, 347′ left of centerline, 6′ AGL/658′ MSL.
Rwy 17:
Tree 468′ from departure end of runway, 454′ left of centerline, 35′ AGL/699′ MSL.
Tree 113′ from departure end of runway, 516′ right of centerline, 30′ AGL/679′ MSL.
Tree 871′ from departure end of runway, 405′ left of centerline, 35′ AGL/685′ MSL.
Tree 651′ from departure end of runway, 303′ right of centerline, 35′ AGL/699′ MSL.
Rwy 31:
Tree 481′ from departure end of runway, 552′ right of centerline, 30′ AGL/677′ MSL.
Tree 2,978′ from departure end of runway, 802′ left of centerline, 46′ AGL/732′ MSL.
Rwy 35:
Tree 534′ from departure end of runway, 302′ left of centerline, 34′ AGL/671′ MSL.
Tree 745′ from departure end of runway, 371′ left of centerline, 35′ AGL/672′ MSL.
Tree 972′ from departure end of runway, 405′ right of centerline, 35′ AGL/675′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-RBD	APP CRS	Rwy Idg	6451
108.5	309°	TDZE	658
		Apt Elev	660

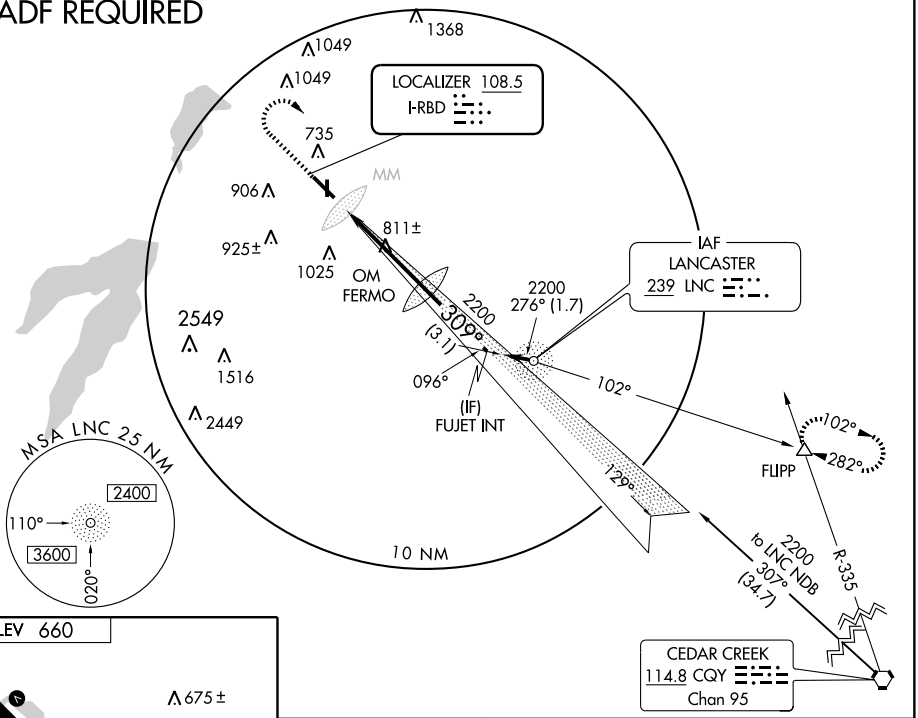
ILS or LOC RWY 31
DALLAS EXECUTIVE (RBD)

When local altimeter setting not received use Dallas Love Field altimeter setting and increase DA to 906 feet and all MDA 60 feet, increase S-LOC 31 Cat C visibility ¼ mile.

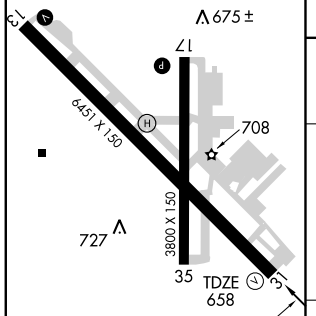
MISSED APPROACH: Climb to 1200 then climbing right turn to 2400 direct LNC NDB and via bearing 102° from LNC NDB to FLIPP INT and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) L 335.6	119.475	118.625	122.95

ADF REQUIRED



ELEV 660



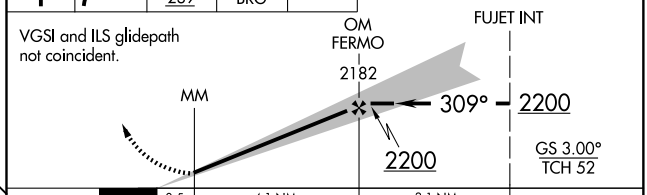
LDIN Rwy 31 L
REIL Rwys 13, 17, and 35
MIRL Rwys 13-31 and 17-35

FAF to MAP 4.6 NM					
Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

1200	2400	LNC 239	102° BRG	FLIPP

Procedure Turn NA

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 31	858-¾ 200 (200-¾)			
S-LOC 31	1100-1 442 (500-1)		1100-1¼ 442 (500-1¼)	1100-1½ 442 (500-1½)
CIRCLING	1160-1 500 (500-1)		1160-1½ 500 (500-1½)	1340-2¼ 680 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-742 (FAA)

DALLAS EXECUTIVE (RBD)

DALLAS, TEXAS

ATIS 126.35
CLNC DEL
118.625
GND CON
119.475
EXECUTIVE TOWER ★
127.25 (CTAF) 335.6
REGIONAL DEP CON
125.2 343.65

TAKE-OFF MINIMUMS: All runways standard.

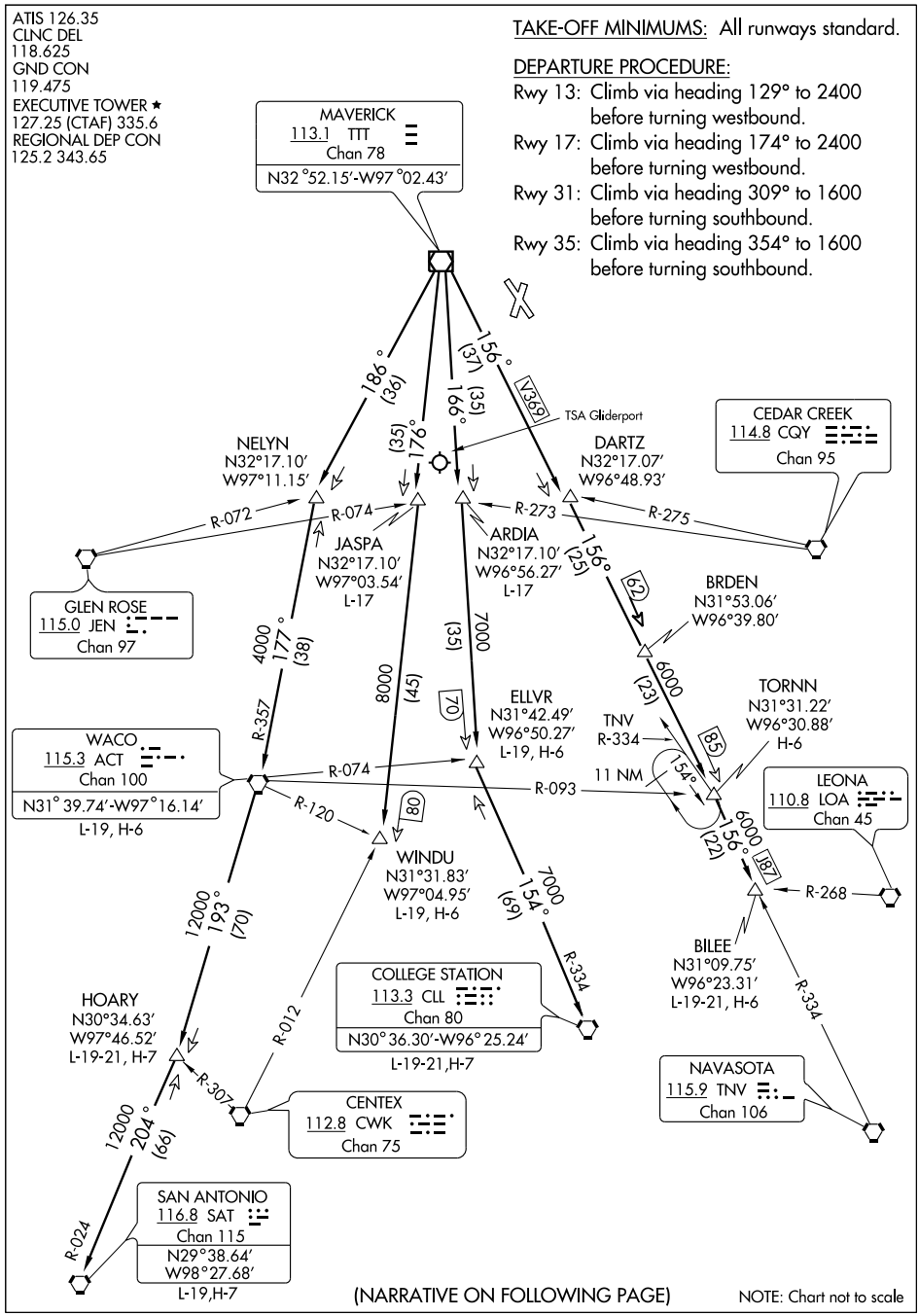
DEPARTURE PROCEDURE:

Rwy 13: Climb via heading 129° to 2400 before turning westbound.

Rwy 17: Climb via heading 174° to 2400 before turning westbound.

Rwy 31: Climb via heading 309° to 1600 before turning southbound.

Rwy 35: Climb via heading 354° to 1600 before turning southbound.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

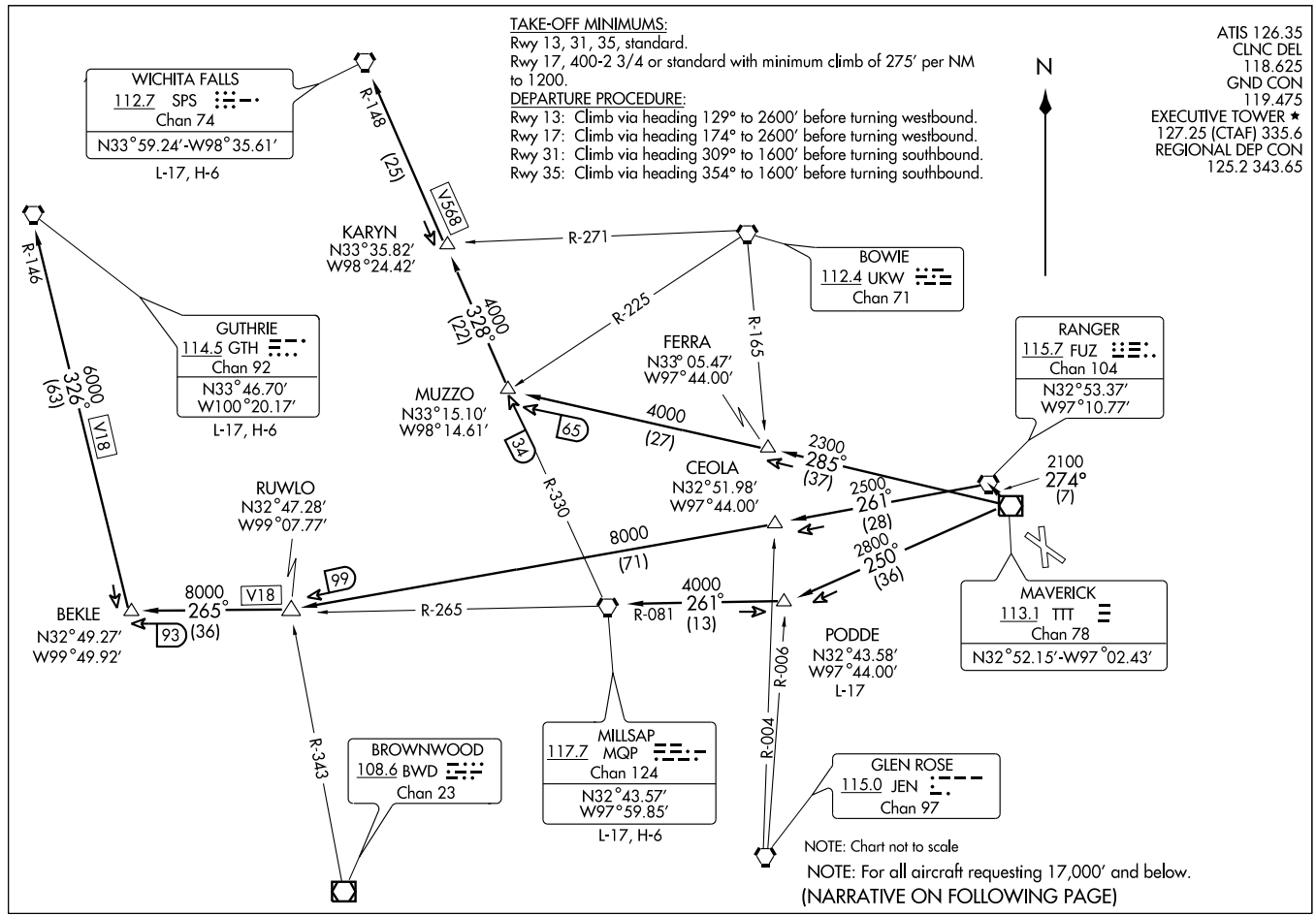
SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

SL-742 (FAA)

DALLAS EXECUTIVE (RBD)

DALLAS, TEXAS



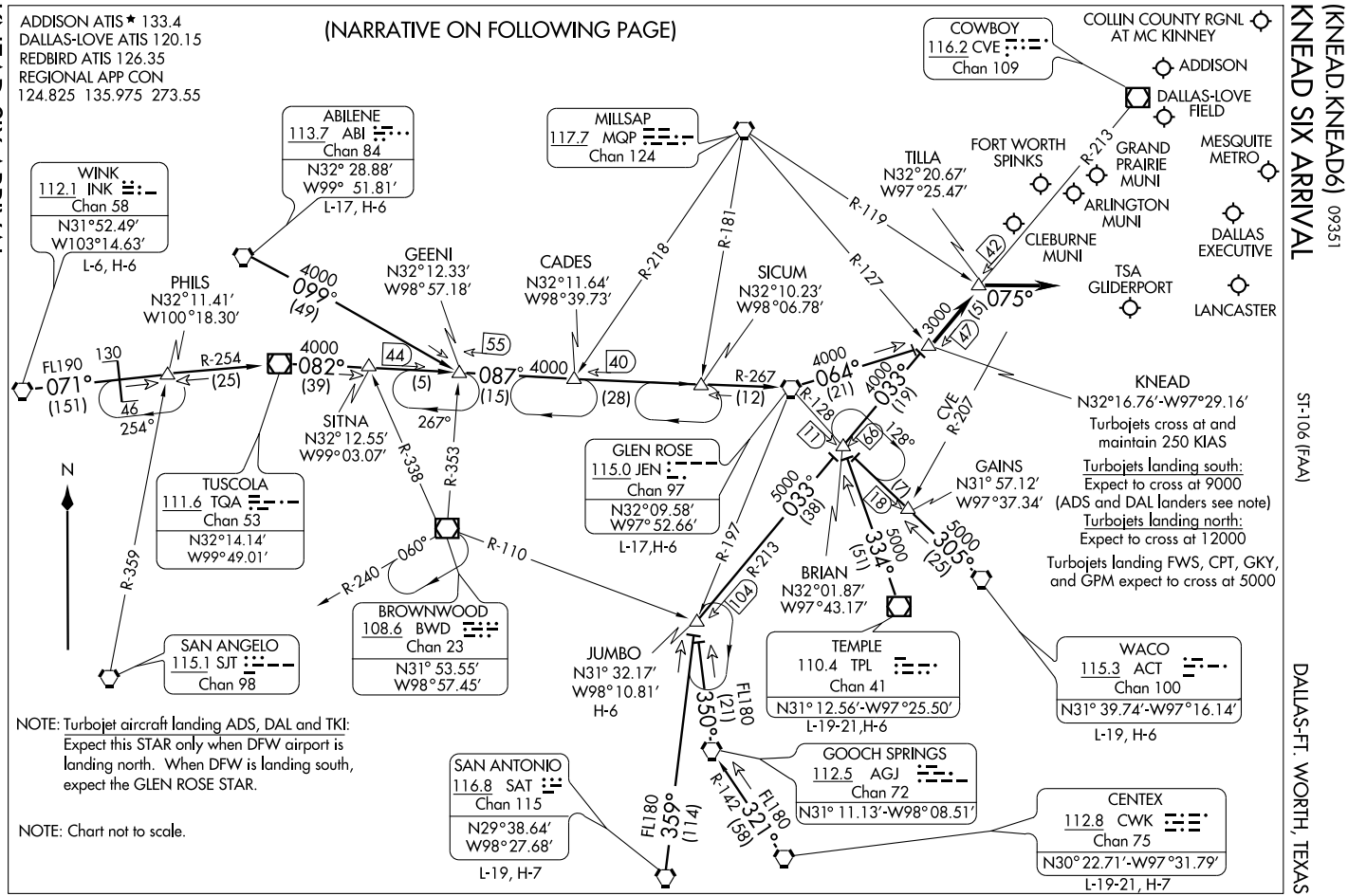
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF OBSTACLES:
Note: Rwy 13, OL on blast fence 109′ from DER, 347′ left of centerline, 6′ AGL/658′ MSL.
Note: Rwy 17, Tree 468′ from DER, 454′ left of centerline, 35′ AGL/699′ MSL. Tree 113′ from DER, 516′ right of centerline, 30′ AGL/679′ MSL. Tree 871′ from DER, 405′ left of centerline, 35′ AGL/685′ MSL. Tree 651′ from DER, 303′ right of centerline, 35′ AGL/699′ MSL.
Note: Rwy 31, Tree 481′ from DER, 552′ right of centerline, 30′ AGL/677′ MSL. Tree 2978′ from DER, 802′ left of centerline, 46′ AGL/732′ MSL.
Note: Rwy 35, Tree 534′ from DER, 302′ left of centerline, 34′ AGL/671′ MSL. Tree 745′ from DER, 371′ left of centerline, 35′ AGL/672′ MSL. Tree 972′ from DER, 405′ right of centerline, 35′ AGL/675′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3801
174°	TDZE	658
	Apt Elev	660

RNAV (GPS) RWY 17

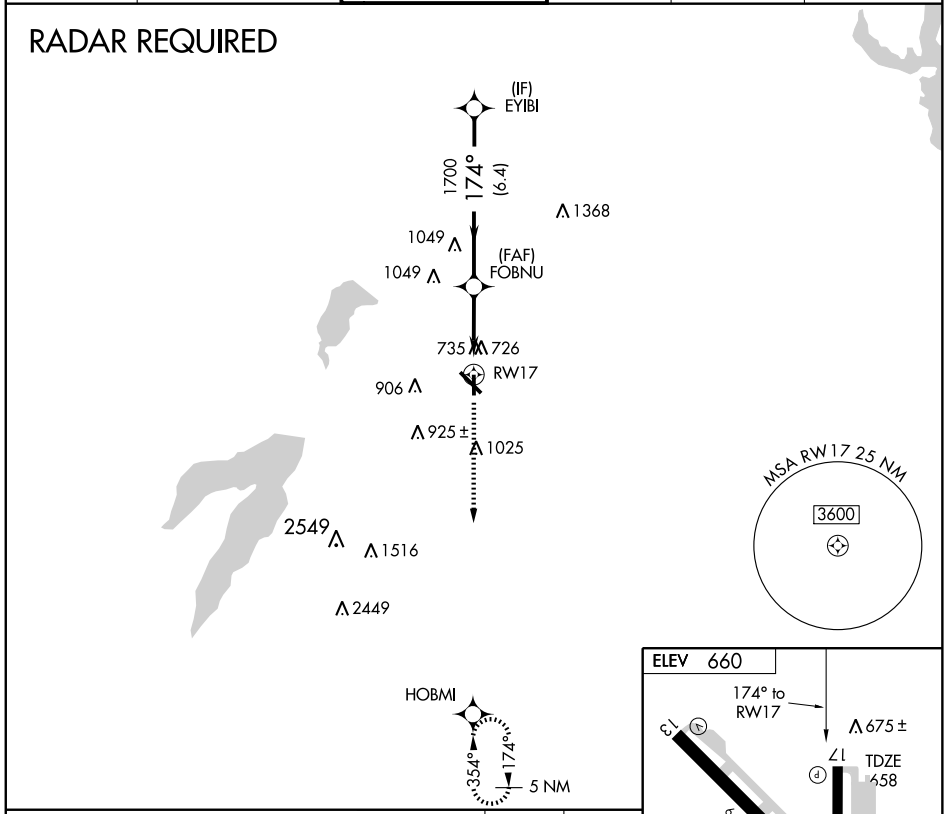
DALLAS EXECUTIVE (RBD)

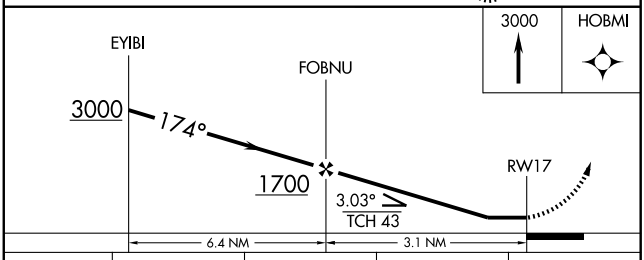
If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDAs 60 feet.
DME/DME RNP-0.3 NA.

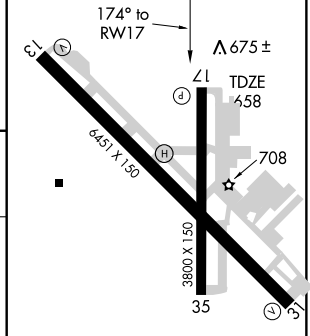
MISSED APPROACH: Climb to 3000 direct HOBMI and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) L 335.6	119.475	118.625	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D
LNAV MDA	1100-1	442 (500-1)	1100-1¼ 442 (500-1¼)	1100-1½ 442 (500-1½)
CIRCLING	1160-1	500 (500-1)	1160-1½ 500 (500-1½)	1340-2¼ 680 (700-2¼)

LDIN Rwy 31 L
REIL Rwys 13, 17, and 35
MIRL Rwys 13-31 and 17-35

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS, TEXAS

WAAS	APP CRS	Rwy Idg	6451
Ch 42699	309°	TDZE	658
W31A		Apt Elev	660

AL-742 (FAA)

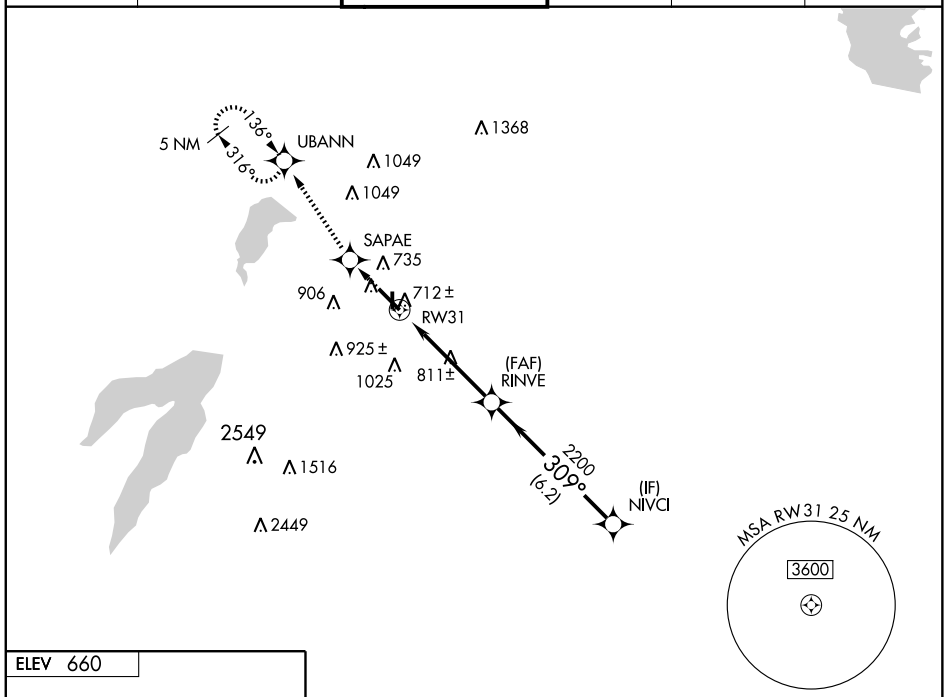
RNAV (GPS) RWY 31

DALLAS EXECUTIVE (RBD)

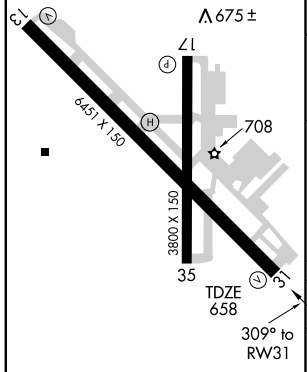
DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F). If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all DAs/MDAs 60 feet. BARO-VNAV and VDP NA when using Dallas-Love Field altimeter setting.

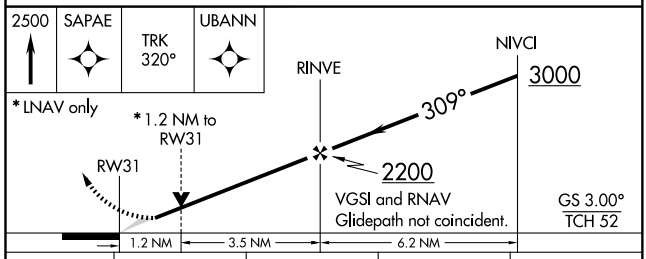
MISSED APPROACH: Climb to 2500 direct SAPAE and via 320° track to UBANN and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) L 335.6	119.475	118.625	122.95



RADAR REQUIRED





CATEGORY	A	B	C	D
LPV DA	908-1 250 (300-1)			
LNAV/VNAV DA	1073-1½ 415 (500-1½)			
LNAV MDA	1080-1 422 (500-1)		1080-1¼ 422 (500-1¼)	
CIRCLING	1160-1½ 500 (500-1½)			1340-2¼ 680 (700-2¼)

LDIN Rwy 31 L
REIL Rwys 13, 17, and 35
MIRL Rwys 13-31 and 17-35

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3801
354°	TDZE	659
	Apt Elev	660

RNAV (GPS) RWY 35

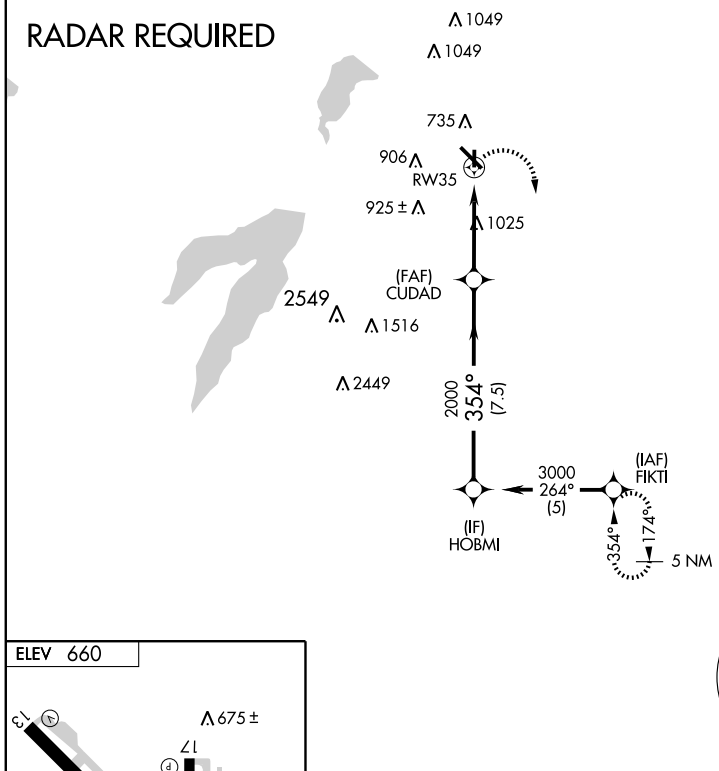
DALLAS EXECUTIVE (RBD)

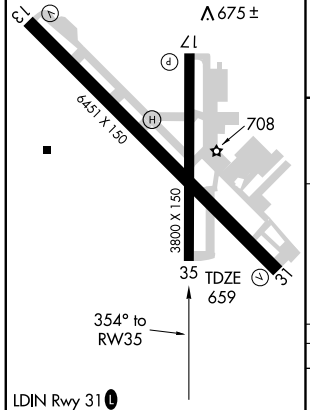
If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDAs 60 feet. VDP NA when using Dallas-Love Field altimeter setting. DME/DME RNP 0.3 NA.

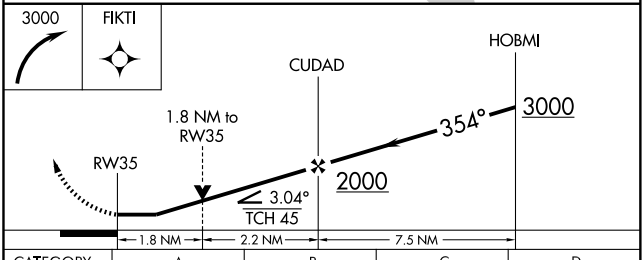
MISSED APPROACH: Climbing right turn to 3000 direct FIKTI and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) Ⓛ 335.6	119.475	118.625	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D
LNAV MDA	1280-1 621 (700-1)		1280-1¾ 621 (700-1¾)	1280-2 621 (700-2)
CIRCLING	1280-1 620 (700-1)		1280-1¾ 620 (700-1¾)	1340-2¼ 680 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

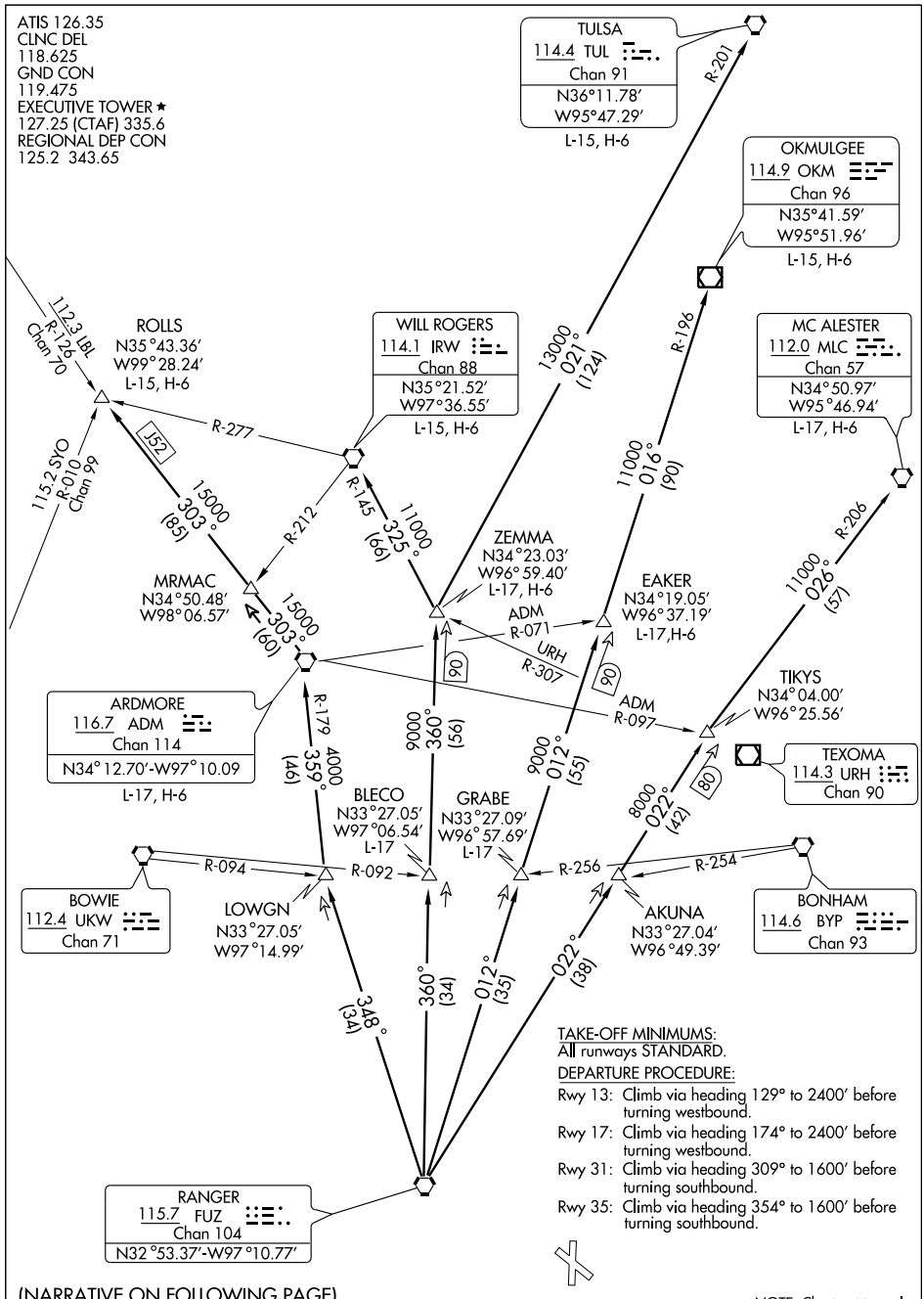
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-742 (FAA)

DALLAS EXECUTIVE (RBD)

DALLAS, TEXAS



TAKE-OFF MINIMUMS:
All runways STANDARD.

DEPARTURE PROCEDURE:

Rwy 13: Climb via heading 129° to 2400′ before turning westbound.

Rwy 17: Climb via heading 174° to 2400′ before turning westbound.

Rwy 31: Climb via heading 309° to 1600′ before turning southbound.

Rwy 35: Climb via heading 354° to 1600′ before turning southbound.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS, TEXAS

AL-742 (FAA)

VOR/DME CVE	APP CRS	Rwy Idg	3801
116.2	165°	TDZE	658
Chan 109		Apt Elev	660

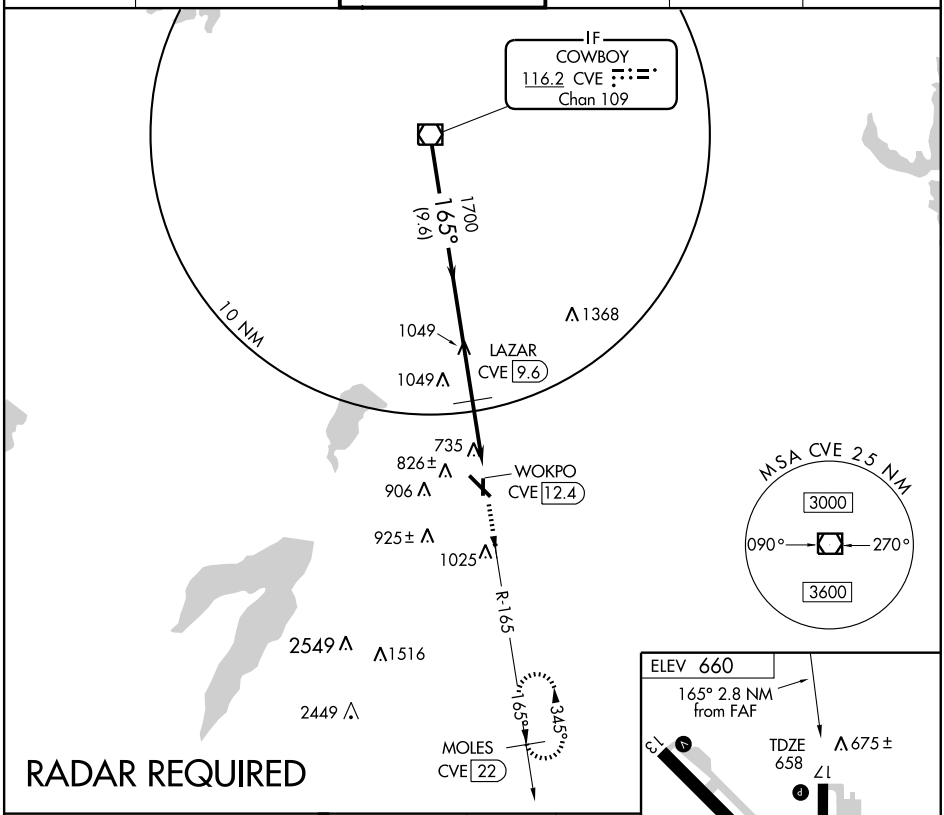
VOR/DME RWY 17

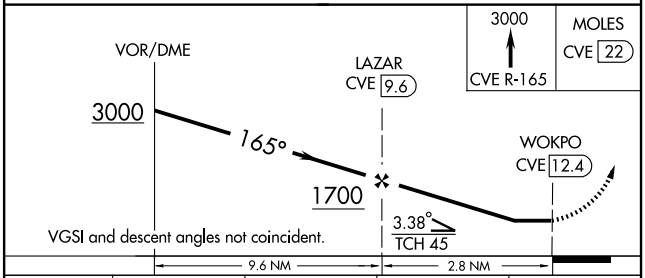
DALLAS EXECUTIVE (RBD)

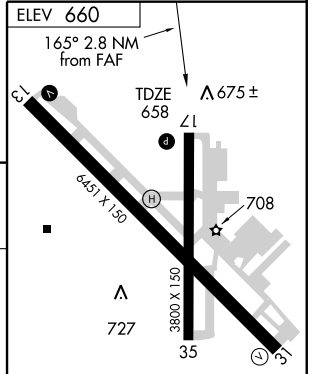
If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDAs 60 feet.

MISSED APPROACH: Climb to 3000 via CVE R-165 to MOLES 22 DME and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) L 335.6	119.475	118.625	122.95







LDIN Rwy 31 L

REIL Rwys 13, 17, and 35

MIRL Rwys 13-31 and 17-35

CATEGORY	A	B	C	D
S-17	1080-1	422 (500-1)	1080-1¼	422 (500-1¼)
CIRCLING	1160-1	500 (500-1)	1160-1½ 500 (500-1½)	1340-2¼ 680 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

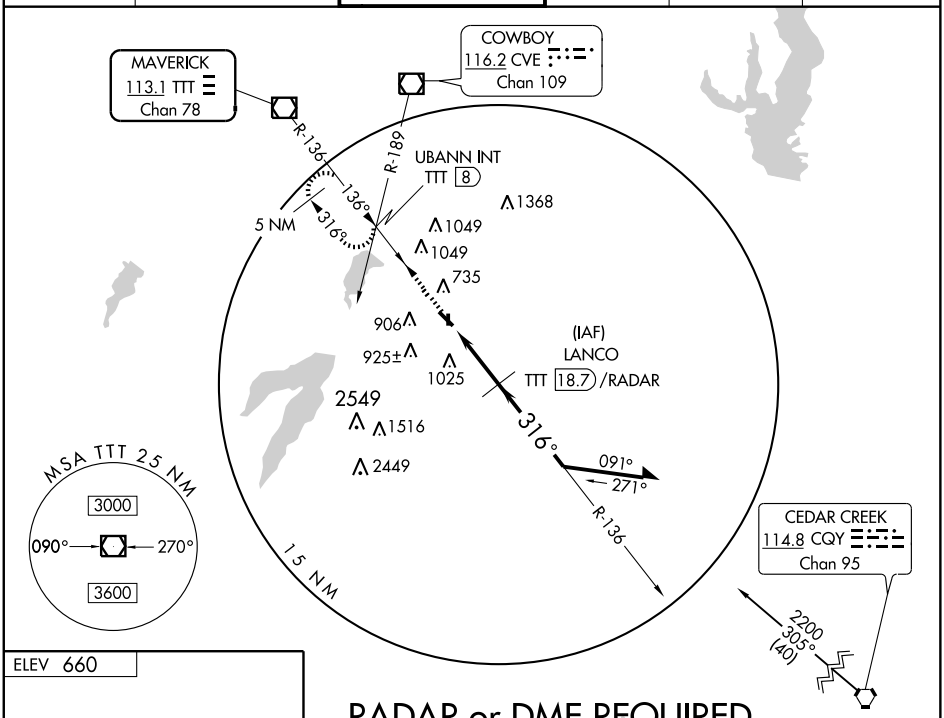
VOR/DME TTT	APP CRS	Rwy Idg	6451
113.1	316°	TDZE	658
Chan 78		Apt Elev	660

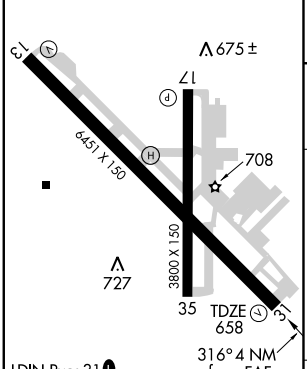
VOR RWY 31
DALLAS EXECUTIVE (RBD)

If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDAs 60 feet. VDP NA when using Dallas-Love Field altimeter setting. Radar or DME required.

MISSED APPROACH: Climb to 2500 via TTT R-136 to UBANN INT/TTT 8 DME and hold.

ATIS	REGIONAL APP CON	EXECUTIVE TOWER ★	GND CON	CLNC DEL	UNICOM
126.35	125.2 343.65	127.25 (CTAF) Ⓛ 335.6	119.475	118.625	122.95

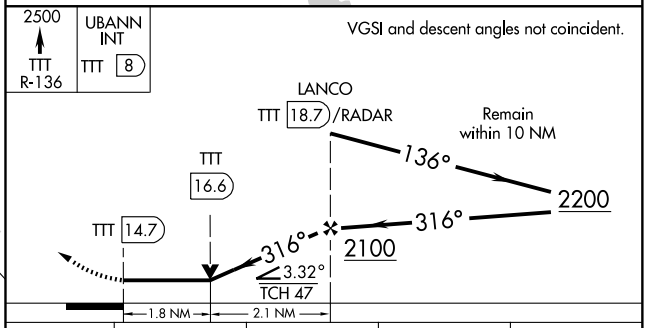




LDIN Rwy 31 Ⓛ
REIL Rwys 13, 17, and 35
MIRL Rwys 13-31 and 17-35

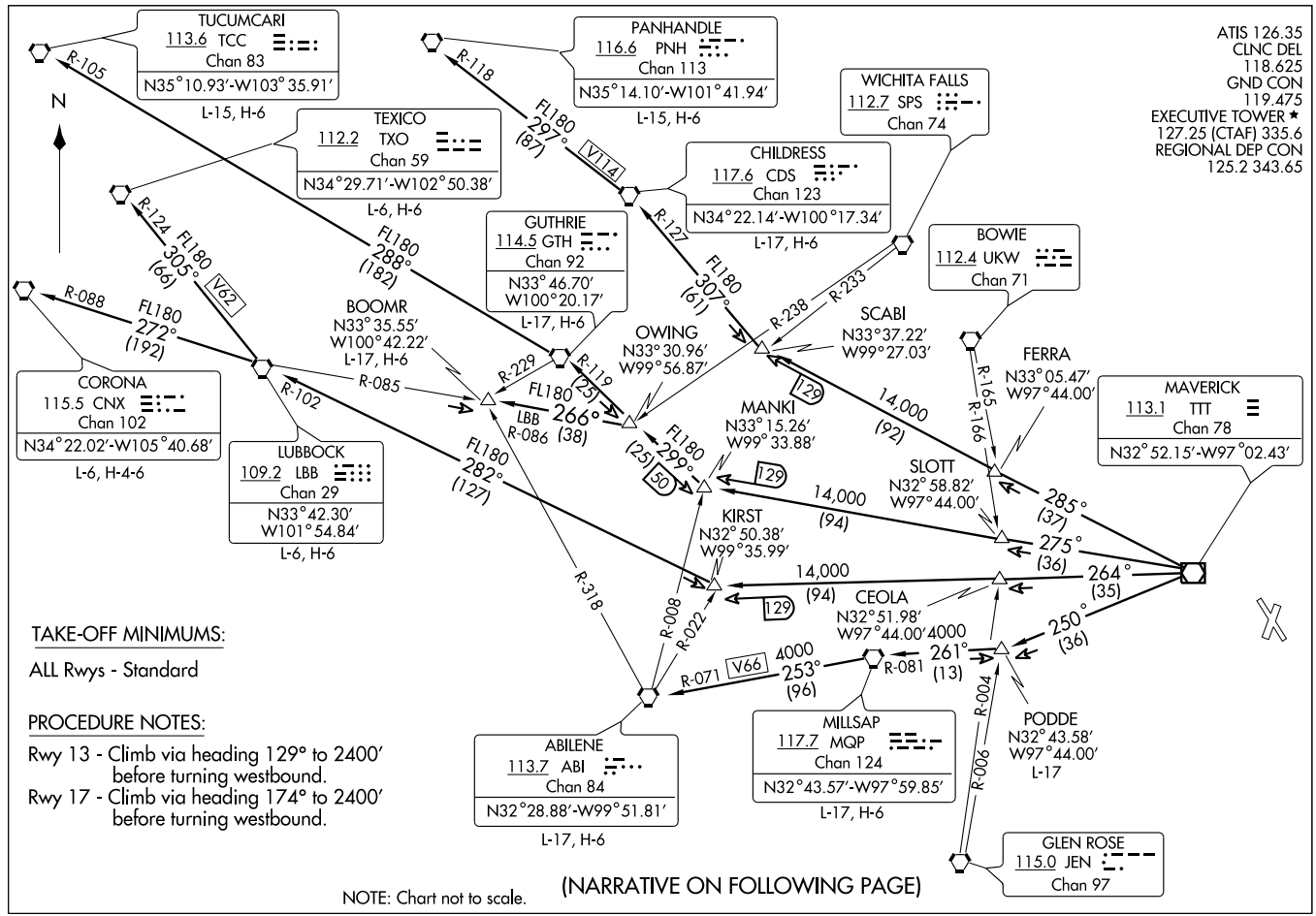
FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

RADAR or DME REQUIRED



CATEGORY	A	B	C	D
S- 31	1280-1	622 (700-1)	1280-1¾ 622 (700-1¾)	1280-2 622 (700-2)
CIRCLING	1280-1	620 (700-1)	1280-1¾ 620 (700-1¾)	1340-2¼ 680 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010


TUCUMCARI
113.6 TCC
Chan 83
N35°10.93'-W103°35.91'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10'-W101°41.94'
L-15, H-6
WICHITA FALLS
112.7 SPS
Chan 74
TEXICO
112.2 TXO
Chan 59
N34°29.71'-W102°50.38'
L-6, H-6
CHILDRESS
117.6 CDS
Chan 123
N34°22.14'-W100°17.34'
L-17, H-6
GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6
BOWIE
112.4 UKW
Chan 71
BOOMR
N33°35.55'
W100°42.22'
L-17, H-6
OWING
N33°30.96'
W99°56.87'
SCABI
N33°37.22'
W99°27.03'
FERRA
N33°05.47'
W97°44.00'
CORONA
115.5 CNX
Chan 102
N34°22.02'-W105°40.68'
L-6, H-4-6
MANKI
N33°15.26'
W99°33.88'
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
LUBBOCK
109.2 LBB
Chan 29
N33°42.30'
W101°54.84'
L-6, H-6
SLOTT
N32°58.82'
W97°44.00'
KIRST
N32°50.38'
W99°35.99'
CEOLA
N32°51.98'
W97°44.00'
ABILENE
113.7 ABI
Chan 84
N32°28.88'-W99°51.81'
L-17, H-6
MILLSAP
117.7 MQP
Chan 124
N32°43.57'-W97°59.85'
L-17, H-6
PODDE
N32°43.58'
W97°44.00'
L-17
GLEN ROSE
115.0 JEN
Chan 97
N
R-105
R-118
FL180 297° (87)
V114
R-124
FL180 305° (66)
V62
FL180 288° (182)
R-127
FL180 307° (61)
R-088
FL180 272° (192)
R-102
R-085
R-229
R-119
FL180 (25) 266° LBB R-086 (38)
R-238
R-233
129
14,000 (92)
R-165
R-166
FL180 (25) 299°
50
129
14,000 (94)
285° (37)
275° (36)
264° (35)
250° (36)
FL180 282° (127)
R-318
R-008
R-022
14,000 (94)
129
4000
253° (96)
R-071
V66
4000
261° (13)
R-081
R-004
R-006
ATIS 126.35
CLNC DEL 118.625
GND CON 119.475
EXECUTIVE TOWER ★ 127.25 (CTAF) 335.6
REGIONAL DEP CON 125.2 343.65
TAKE-OFF MINIMUMS:
ALL Rwys - Standard
PROCEDURE NOTES:
Rwy 13 - Climb via heading 129° to 2400' before turning westbound.
Rwy 17 - Climb via heading 174° to 2400' before turning westbound.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

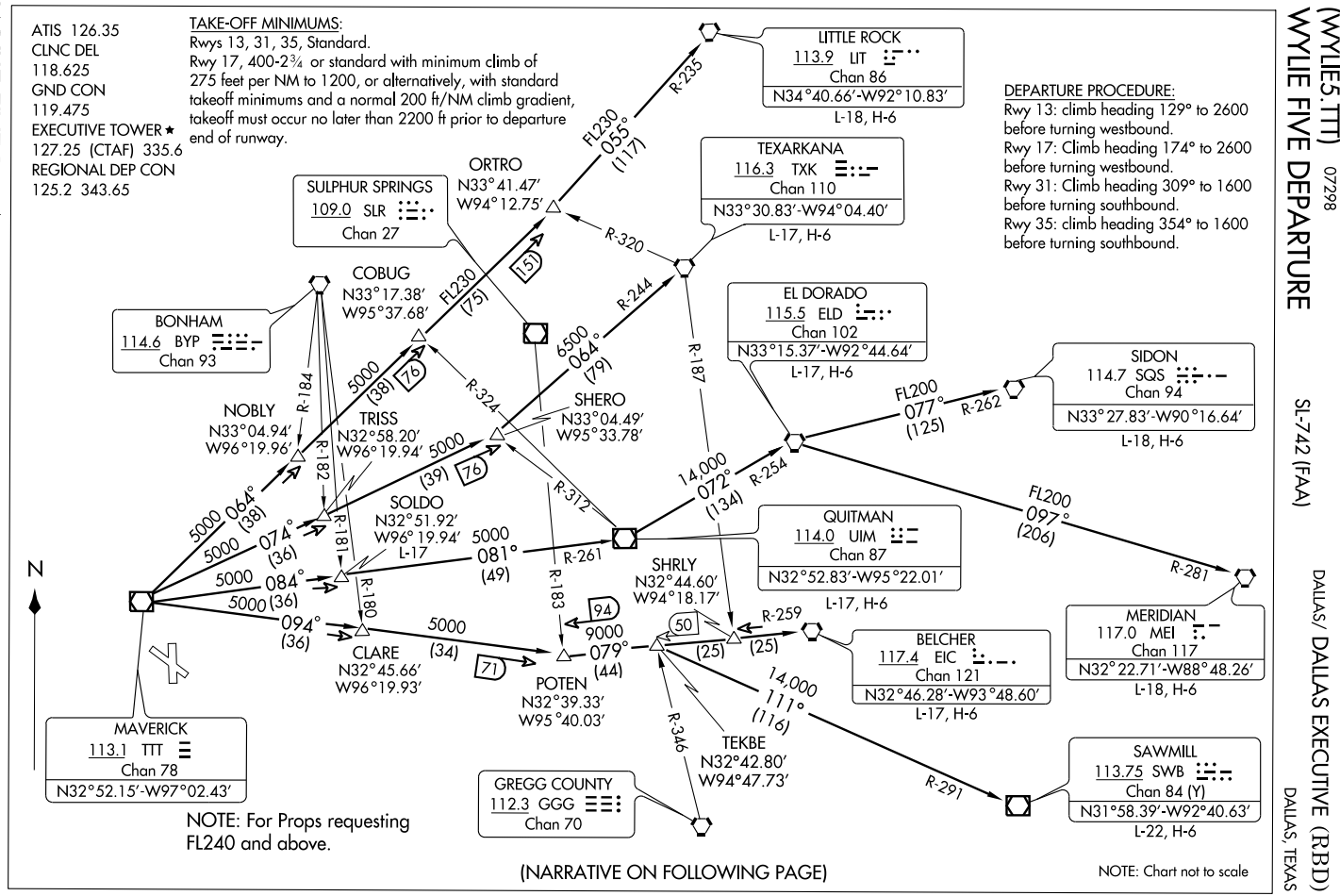
PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



(WYLIE5.TTT) 07298

WYLIE FIVE DEPARTURE

SL-742 (FAA)

DALLAS/ DALLAS EXECUTIVE (RBD)

DALLAS, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitiude to appropriate route.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.
TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 13, obstruction light on blast fence 109′ from departure end of runway, 347′ left of centerline, 6′ AGL/658′ MSL.
Rwy 17, tree 468′ from departure end of runway, 454′ left of centerline, 35′ AGL/699′ MSL. Tree 113′ from departure end of runway, 516′ right of centerline, 30′ AGL/679′ MSL. Tree 871′ from departure end of runway, 405′ left of centerline, 35′ AGL/685′ MSL. Tree 651′ from departure end of runway, 303′ right of centerline, 35′ AGL/699′ MSL.
Rwy 31, Tree 481′ from departure end of runway, 552′ right of centerline, 30′ AGL/677′ MSL. Tree 2978′ from departure end of runway, 802′ left of centerline, 46′ AGL/732′ MSL.
Rwy 35, Tree 534′ from departure end of runway, 302′ left of centerline, 34′ AGL/671′ MSL. Tree 745′ from departure end of runway, 371′ left of centerline, 35′ AGL/672′ MSL. Tree 972′ from departure end of runway, 405′ right of centerline, 35′ AGL/675′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

AL-6644 (FAA)

DALLAS, TEXAS

ASOS
119.925
McKINNEY TOWER★
118.825
GND CON
121.875
CLNC DEL
121.35 (When Twr Clsd)

17

ELEV 575

A

177.4°

627±

B

N

VAR 4.7° E

JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W

33° 11′ N

A

HANGARS

C

C

7001 X 100

TERMINAL

D

TWR
620

HANGARS

E

E

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

RWY 17-35
S75, D150, DT176

A

357.4°

96° 36′ W

96° 35′ W

FIELD ELEV 585

F

35

G

33° 10′ N

DALLAS NINE DEPARTURE

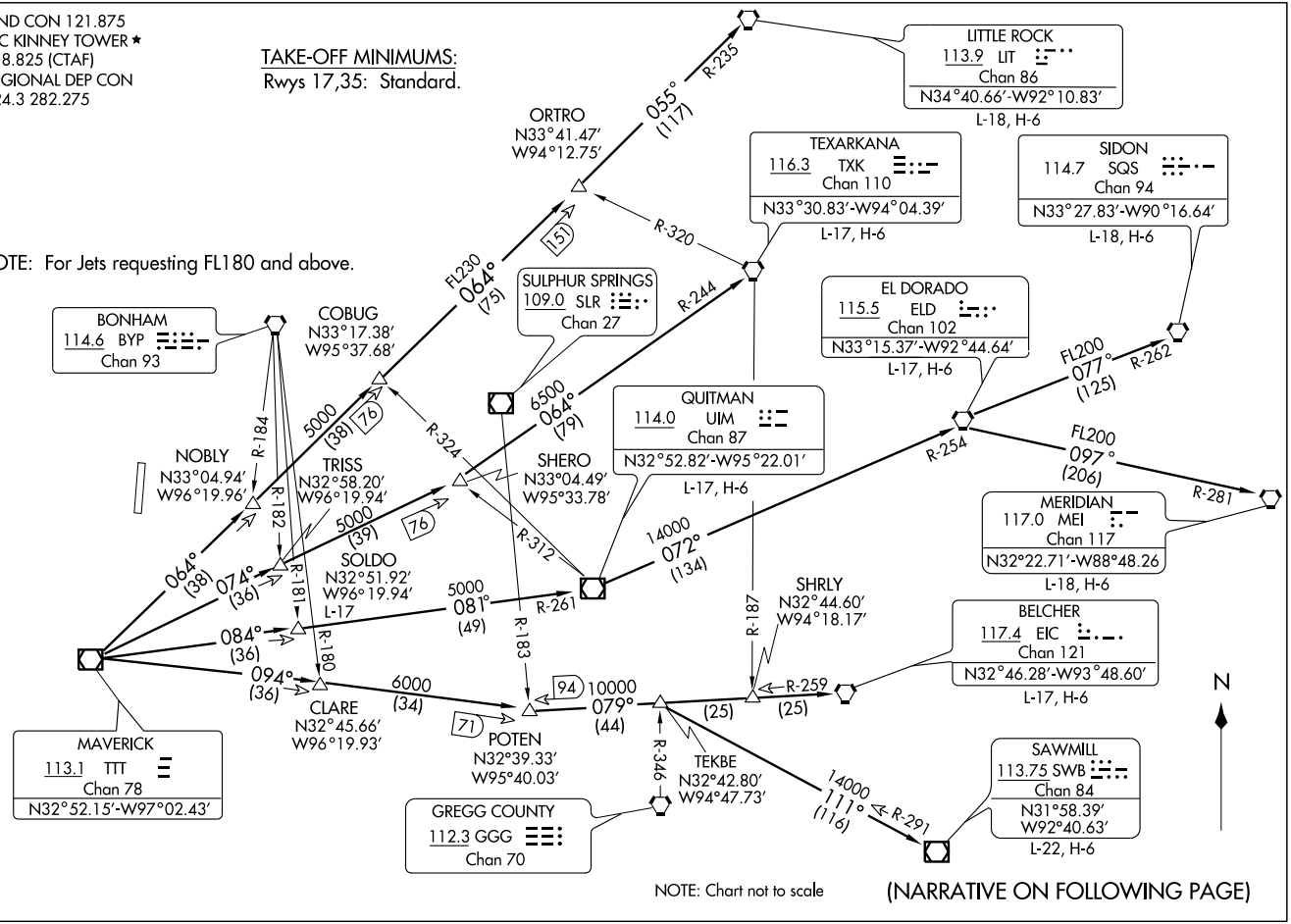
DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

DALLAS, TEXAS

GND CON 121.875
MC KINNEY TOWER ★
118.825 (CTAF)
REGIONAL DEP CON
124.3 282.275

TAKE-OFF MINIMUMS:
Rwys 17,35: Standard.

NOTE: For Jets requesting FL180 and above.



NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

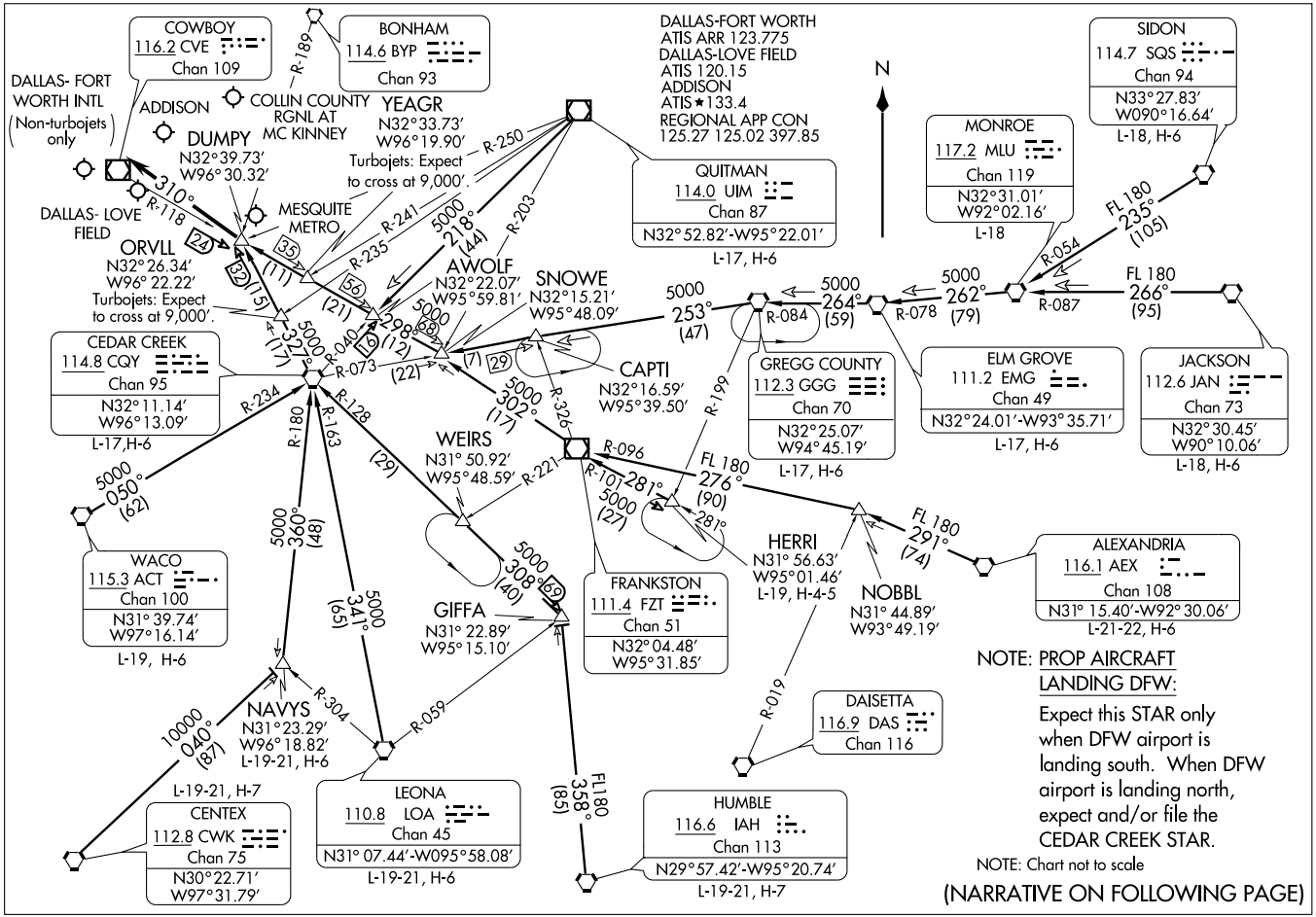
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DUMPY THREE ARRIVAL
(DUMPY.DUMPY3) 09351
ST-6039 (FAA)
DALLAS-FT. WORTH, TEXAS
COWBOY
116.2 CVE
Chan 109
BONHAM
114.6 BYP
Chan 93
R-189
DALLAS-FORT WORTH
ATIS ARR 123.775
DALLAS-LOVE FIELD
ATIS 120.15
ADDISON
ATIS ★133.4
REGIONAL APP CON
125.27 125.02 397.85
N
SIDON
114.7 SQS
Chan 94
N33°27.83'
W090°16.64'
L-18, H-6
DALLAS- FORT
WORTH INTL
(Non-turbojets
only)
ADDISON
COLLIN COUNTY
RGNL AT
MC KINNEY
YEAGR
N32°33.73'
W96°19.90'
DUMPY
N32°39.73'
W96°30.32'
Turbojets: Expect
to cross at 9,000'.
R-250
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01'
W92°02.16'
L-18
FL 180
235°
(105)
R-054
310°
R-118
DALLAS- LOVE
FIELD
MESQUITE
METRO
ORVLL
N32°26.34'
W96° 22.22'
Turbojets: Expect
to cross at 9,000'.
5000
218°
(44)
R-241
R-235
R-203
AWOLF
N32°22.07'
W95°59.81'
SNOWE
N32°15.21'
W95°48.09'
5000
253°
(47)
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14'
W96°13.09'
L-17,H-6
R-040
R-073
5000
298°
(12)
5000
322°
(17)
CAPTI
N32°16.59'
W95°39.50'
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'
W94°45.19'
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93° 35.71'
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45'
W90°10.06'
L-18, H-6
R-234
R-180
R-163
R-128
R-326
R-199
5000
302°
(17)
WEIRS
N31° 50.92'
W95°48.59'
R-096
R-221
R-101
5000
281°
(27)
FL 180
276°
(90)
5000
050°
(62)
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
281°
FL 180
291°
(74)
HERRI
N31° 56.63'
W95°01.46'
L-19, H-4-5
NOBBL
N31° 44.89'
W93°49.19'
ALEXANDRIA
116.1 AEX
Chan 108
N31° 15.40'-W92° 30.06'
L-21-22, H-6
WACO
115.3 ACT
Chan 100
N31° 39.74'
W97°16.14'
L-19, H-6
GIFFA
N31° 22.89'
W95°15.10'
FRANKSTON
111.4 FZT
Chan 51
N32° 04.48'
W95° 31.85'
NOTE: PROP AIRCRAFT
LANDING DFW:
Expect this STAR only
when DFW airport is
landing south. When DFW
airport is landing north,
expect and/or file the
CEDAR CREEK STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
10000
040°
(87)
NAVYS
N31°23.29'
W96°18.82'
L-19-21, H-6
L-19-21, H-7
R-304
R-059
R-019
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
LEONA
110.8 LOA
Chan 45
N31° 07.44'-W095°58.08'
L-19-21, H-6
FL180
358°
(85)
HUMBLE
116.6 IAH
Chan 113
N29°57.42'-W95°20.74'
L-19-21, H-7

DUMPY THREE ARRIVAL

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DUMPY3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

CEDAR CREEK TRANSITION (CQY.DUMPY3): From over CQY VORTAC via CQY R-327 to DUMPY INT. Thence....

CENTEX TRANSITION (CWK.DUMPY3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC , then via CQY R-327 to DUMPY INT. Thence . . . .

ELM GROVE TRANSITION (EMG.DUMPY3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

GREGG COUNTY TRANSITION (GGG.DUMPY3): From over GGG VORTAC via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HERRI TRANSITION (HERRI.DUMPY3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HUMBLE TRANSITION (IAH.DUMPY3): From over IAH VORTAC via IAH R-358 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

JACKSON TRANSITION (JAN.DUMPY3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

LEONA TRANSITION (LOA.DUMPY3): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-327 to DUMPY INT.

MONROE TRANSITION (MLU.DUMPY3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

NAVYS TRANSITION (NAVYS.DUMPY3): From over NAVYS INT via CQY R-180 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

QUITMAN TRANSITION (UIM.DUMPY3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to AWOLF INT, then via CVE R-118 to DUMPY INT. Thence . . . .

SIDON TRANSITION (SQS.DUMPY3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

WACO TRANSITION (ACT.DUMPY3): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

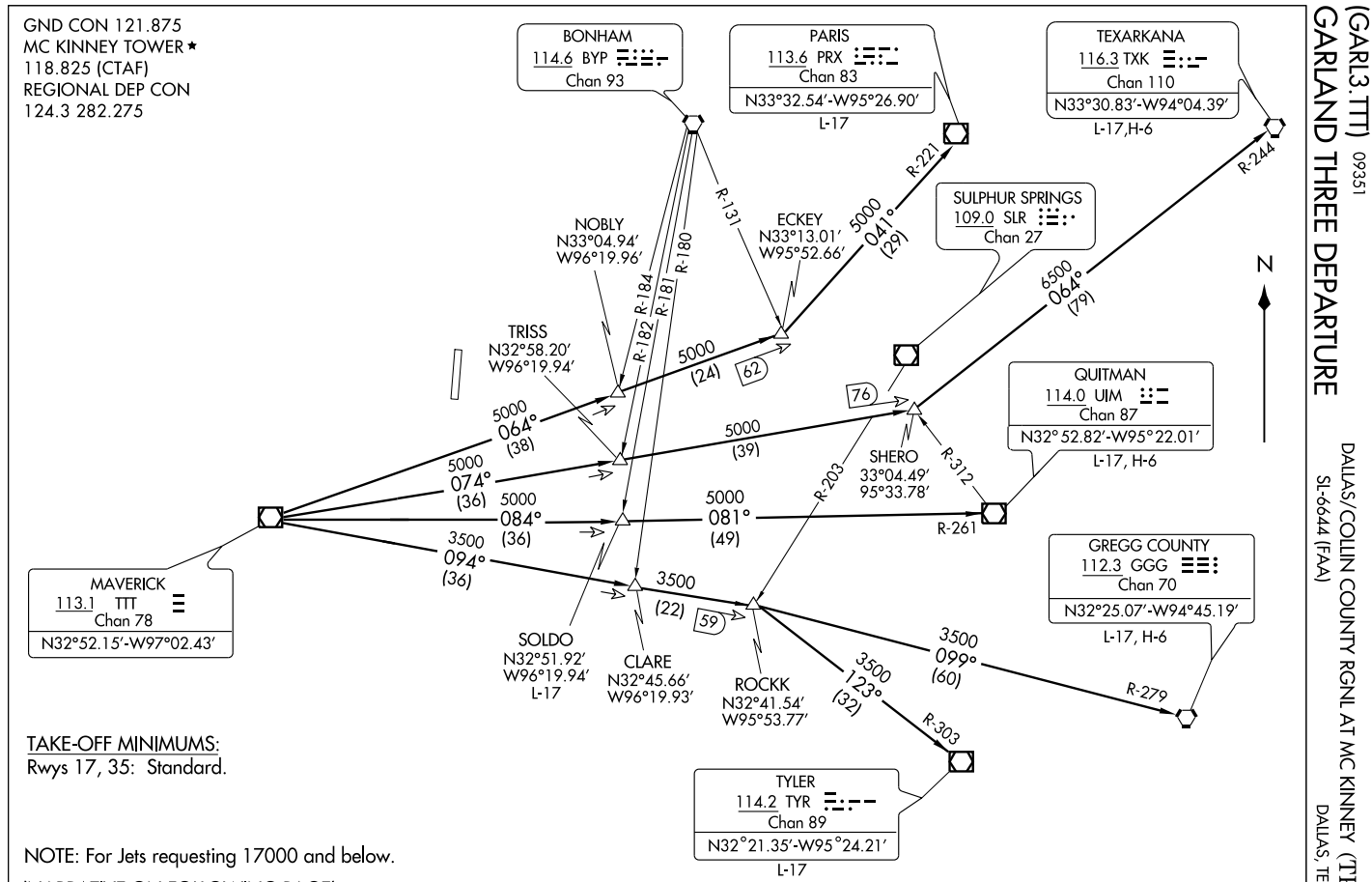
. . . . From over DUMPY INT.

LANDING SOUTH: Depart DUMPY INT heading 310° for vectors to final approach course.

LANDING NORTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

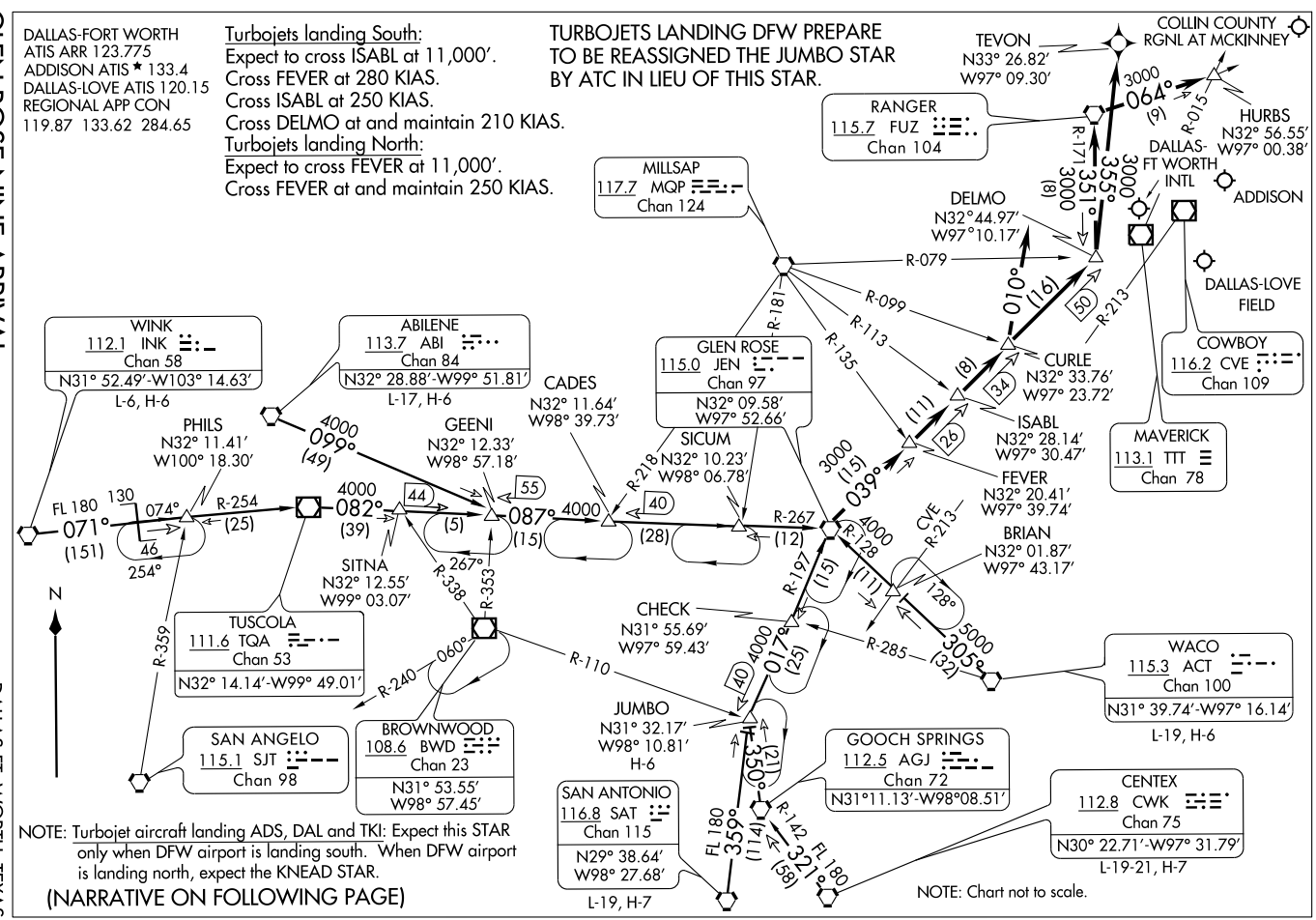
When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

DALLAS-FORT WORTH
ATIS ARR 123.775
ADDISON ATIS ★ 133.4
DALLAS-LOVE ATIS 120.15
REGIONAL APP CON
119.87 133.62 284.65

Turbojets landing South:
Expect to cross ISABL at 11,000′.
Cross FEVER at 280 KIAS.
Cross ISABL at 250 KIAS.
Cross DELMO at and maintain 210 KIAS.
Turbojets landing North:
Expect to cross FEVER at 11,000′.
Cross FEVER at and maintain 250 KIAS.

TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE JUMBO STAR BY ATC IN LIEU OF THIS STAR.



NOTE: Turbojet aircraft landing ADS, DAL and TKI: Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the KNEAD STAR.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.JEN9): From over ABI VORTAC via R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

CENTEX TRANSITION (CWK.JEN9): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

JUMBO TRANSITION (JUMBO.JEN9): From over JUMBO INT via JEN R-197 to JEN VORTAC. Thence . . . .

SAN ANTONIO TRANSITION (SAT.JEN9): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

WACO TRANSITION (ACT.JEN9): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC. Thence. . . .

WINK TRANSITION (INK.JEN9): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over JEN VORTAC via JEN R-039, thence . . . .

ALL AIRCRAFT LANDING NORTH: To CURLE INT, expect vectors to final approach course.

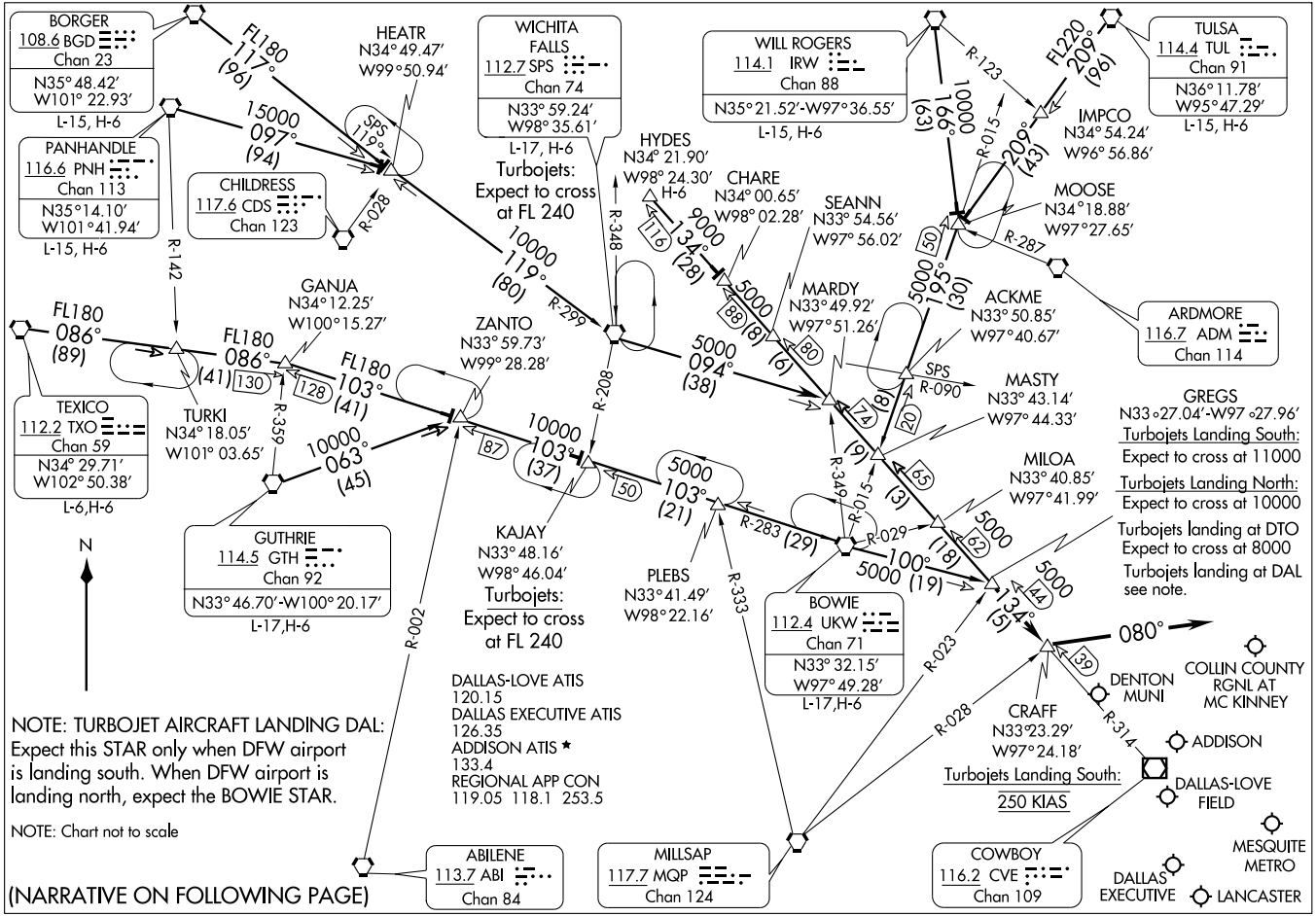
JETS LANDING SOUTH: To DELMO, depart DELMO heading 355°.

For /E, /F, /G and /R (RNP 2.0) EQUIPMENT SUFFIXED AIRCRAFT: From over DELMO WP direct TEVON WP, expect vector to final approach course prior to TEVON WP. If not received by TEVON fly present heading.

NON TURBOJETS LANDING SOUTH: To CURLE INT, depart CURLE heading 010° for vectors to final approach course.

AIRCRAFT LANDING DAL, ADS, TKI: To DELMO INT, depart DELMO via FUZ R-171 to FUZ VORTAC then FUZ R-064 to HURBS INT, expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

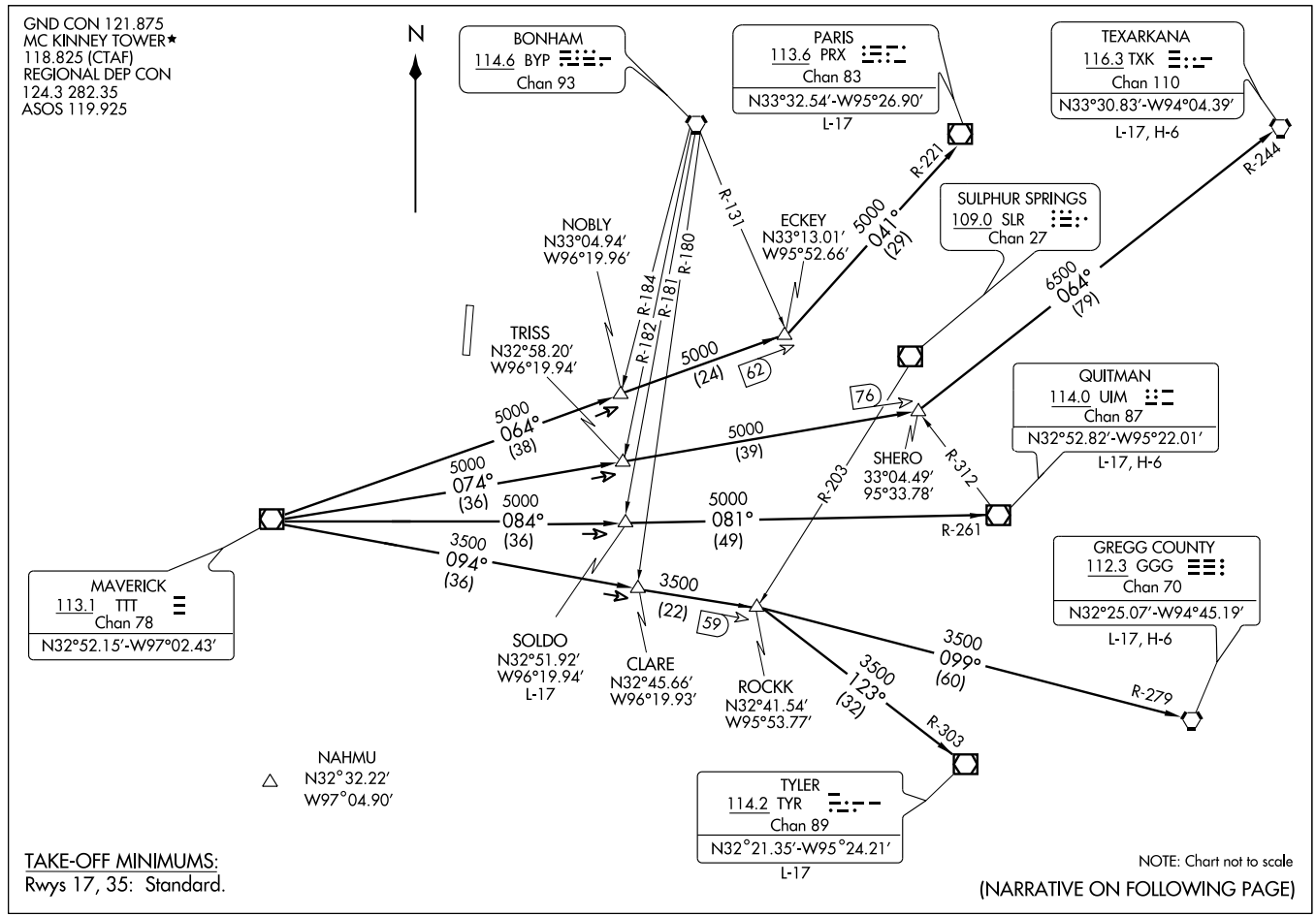
(HUBB6.111) 09351

MC KINNEY/COLLIN COUNTY RGNL AT Mc KINNEY (TKI)

SL-6644 (FAA)

Mc KINNEY, TEXAS

GND CON 121.875
MC KINNEY TOWER★
118.825 (CTAF)
REGIONAL DEP CON
124.3 282.35
ASOS 119.925



TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 17:
Bush 29' from departure end of runway, 499' right of centerline, 5' AGL/591' MSL.
OL on DME 400' from departure end of runway, 266' right of centerline, 16' AGL/602' MSL.
Trees 784' from departure end of runway, 574' right of centerline, 39' AGL/625' MSL.
Rwy 35:
Trees 1,060' from departure end of runway, 634' right of centerline, 65' AGL/605' MSL.
Multiple trees beginning 1,532' from departure end of runway, 632' left of centerline, up to 79' AGL/626' MSL.

LOC I-EFE	APP CRS	Rwy Idg	7001
109.35	176°	TDZE	575
Chan 30 (Y)		Apt Elev	585

ILS or LOC RWY 17

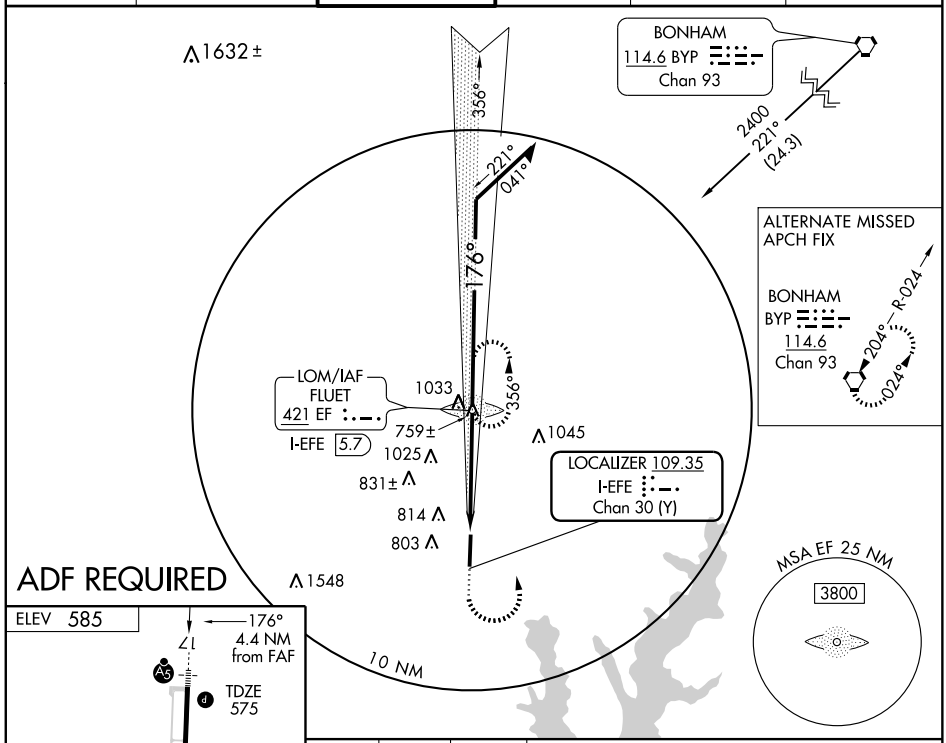
DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA 69 feet and all MDA 80 feet, and increase S-LOC 17 and Circling Cats C/D visibility ¼ mile.
VDP NA when using Dallas Love Field altimeter setting.
For inoperative MALSR when using Dallas Love Field altimeter setting, increase S-ILS 17 all Cats visibility to 1 mile.

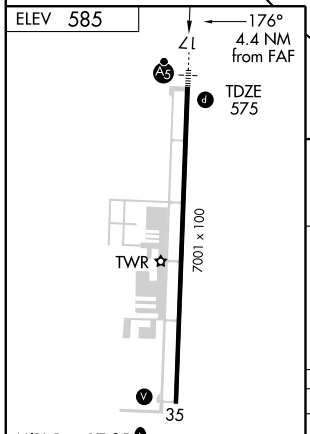
MALSR

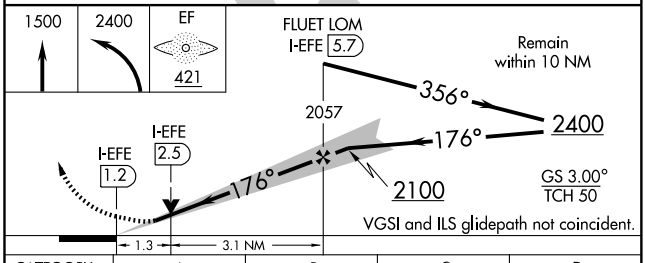
MISSED APPROACH: Climb to 1500, then climbing left turn to 2400 direct FLUET LOM and hold.

ASOS	REGIONAL APP CON	MC KINNEY TOWER ★	GND CON	CLNC DEL ★	UNICOM
119.925	124.3 282.275	118.825 (CTAF)	121.875	121.35	122.95



ADF REQUIRED





FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

CATEGORY	A	B	C	D
S-ILS 17	775-½ 200 (200-½)			
S-LOC 17	1020-½ 445 (500-½)		1020-¾ 445 (500-¾)	1020-1 445 (500-1)
CIRCLING	1120-1 535 (600-1)		1120-1½ 535 (600-1½)	1200-2 615 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

DALLAS/COLLIN COUNTY RGNL AT MC KINNEY (TKI)

SL-6644 (FAA)

DALLAS, TEXAS

GND CON 121.875
MC KINNEY TOWER ★
118.825 (CTAF)
REGIONAL DEP CON
124.3 282.275
ASOS 119.925

TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

186° (36)
156° (37)
166° (35)
176° (35)
V369
TSA Gliderport

CEDAR CREEK
114.8 CQY
Chan 95

NELYN
N32°17.10′
W97°11.15′

DARTZ
N32°17.07′
W96°48.93′

R-072
R-074
R-273
R-275

JASPA
N32°17.10′
W97°03.54′
L-17

ARDIA
N32°17.10′
W96°56.27′
L-17

GLEN ROSE
115.0 JEN
Chan 97

156° (25)
62
BRDEN
N31°53.06′
W96°39.80′

4000
177° (38)
8000 (45)
7000 (35)
6000 (23)

R-357
70
ELLVR
N31°42.49′
W96°50.27′
L-19, H-6

TNV
R-334
85
TORNN
N31°31.22′
W96°30.88′
H-6

WACO
115.3 ACT
Chan 100
N31°39.74′-W97°16.14′
L-19, H-6

R-074
R-093
11 NM
154°

LEONA
110.8 LOA
Chan 45

R-120
80
156° (22)
6000
187

WINDU
N31°31.83′
W97°04.95′
L-19, H-6

12000
193° (70)
7000
154° (69)
R-268

BILEE
N31°09.75′
W96°23.31′
L-19-21, H-6

R-334

COLLEGE STATION
113.3 CLL
Chan 80
N30°36.30′-W96°25.24′
L-19-21,H-7

HOARY
N30°34.63′
W97°46.52′
L-19-21, H-7

R-012

NAVASOTA
115.9 TNV
Chan 106

R-307

CENTEX
112.8 CWK
Chan 75

12000
204° (66)

SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64′
W98°27.68′
L-19,H-7

R-024

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-6644 (FAA)

MC KINNEY/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

MC KINNEY, TEXAS

GND CON
121.875
MC KINNEY TOWER ★
118.825 (CTAF)
REGIONAL DEP CON
124.3 282.35

TAKE-OFF OBSTACLES:
Note: Rwy 17, Bush 29′ from DER, 499′ right of centerline, 5′ AGL/591′ MSL.
OL on DME 400′ from DER, 266′ right of centerline, 16′ AGL/602′ MSL
Trees 784′ from DER, 574′ right of centerline, 39′ AGL/625′ MSL.
Note: Rwy 35, Trees 1060′ from DER, 634′ right of centerline, 65′ AGL/605′ MSL.
Multiple trees beginning 1532′ from DER, 632′ left of centerline, up to 79′ AGL/626′ MSL.

N

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′-W98°35.61′
L-17, H-6

R-148
(25)
V568

KARYN
N33°35.82′
W98°24.42′

R-271

BOWIE
112.4 UKW
Chan 71

R-146
6000
326°
(63)
V18

GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6

4000
328°
(22)

R-225

FERRA
N33° 05.47′
W97°44.00′

R-165

RANGER
115.7 FUZ
Chan 104
N32°53.37′
W97°10.77′

MUZZO
N33°15.10′
W98°14.61′

65
34

4000
(27)

2300
285°
(37)

CEOLA
N32°51.98′
W97°44.00′

2100
274°
(7)

RUWLO
N32°47.28′
W99°07.77′

R-330

2500
261°
(28)

8000
(71)

2800
250°
(36)

99

8000
265°
(36)
V18
93

BEKLE
N32°49.27′
W99°49.92′

R-265

4000
261°
(13)

R-081

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

PODDE
N32°43.58′
W97°44.00′
L-17

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57′
W97°59.85′
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwys 17, 35 standard.

NOTE: Chart not to scale

NOTE: For all aircraft requesting 17,000′ and below.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

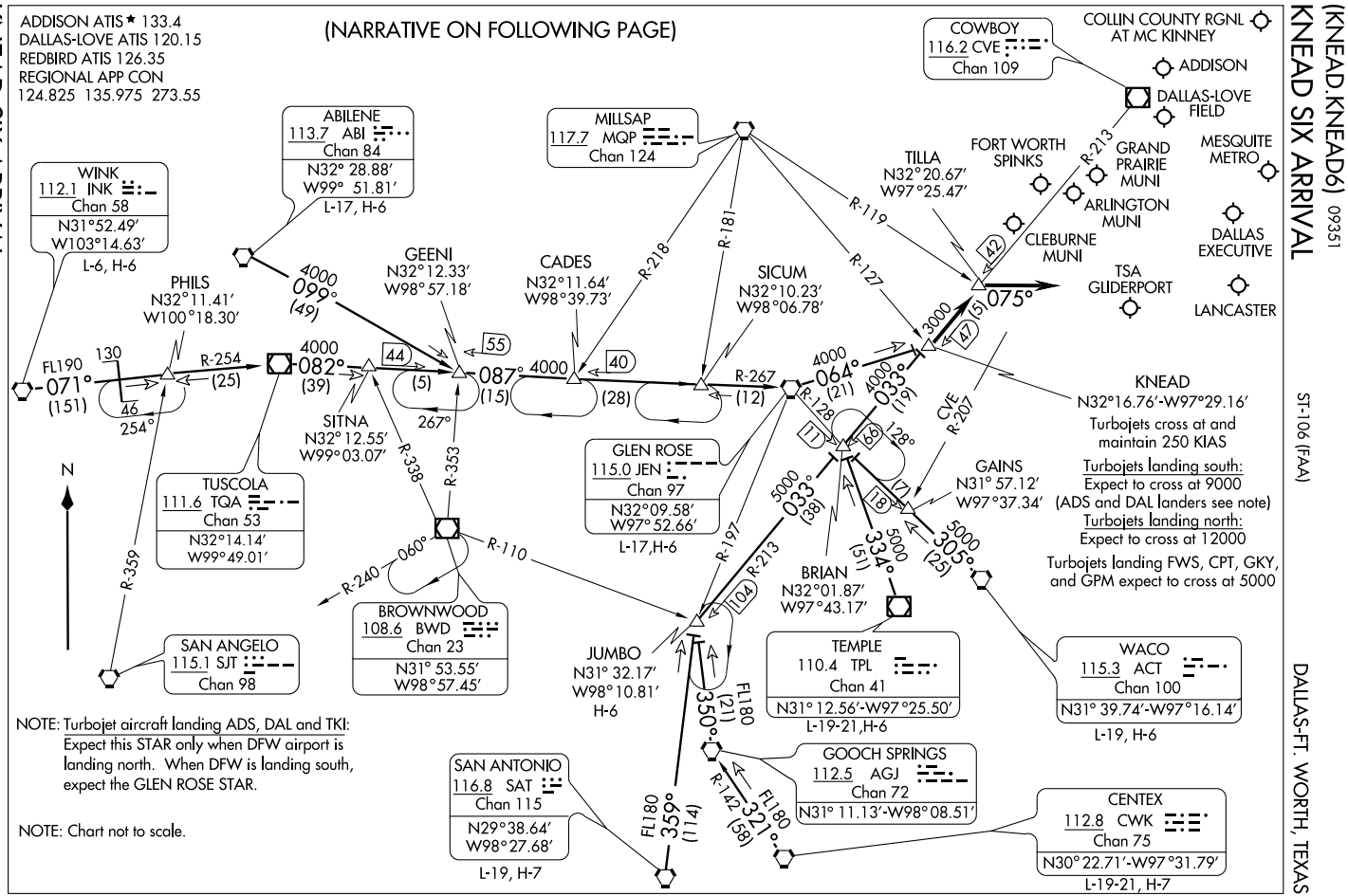
When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.

MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.

WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7001
CH 87102	176°	TDZE	575
W17A		Apt Elev	585

RNAV (GPS) RWY 17

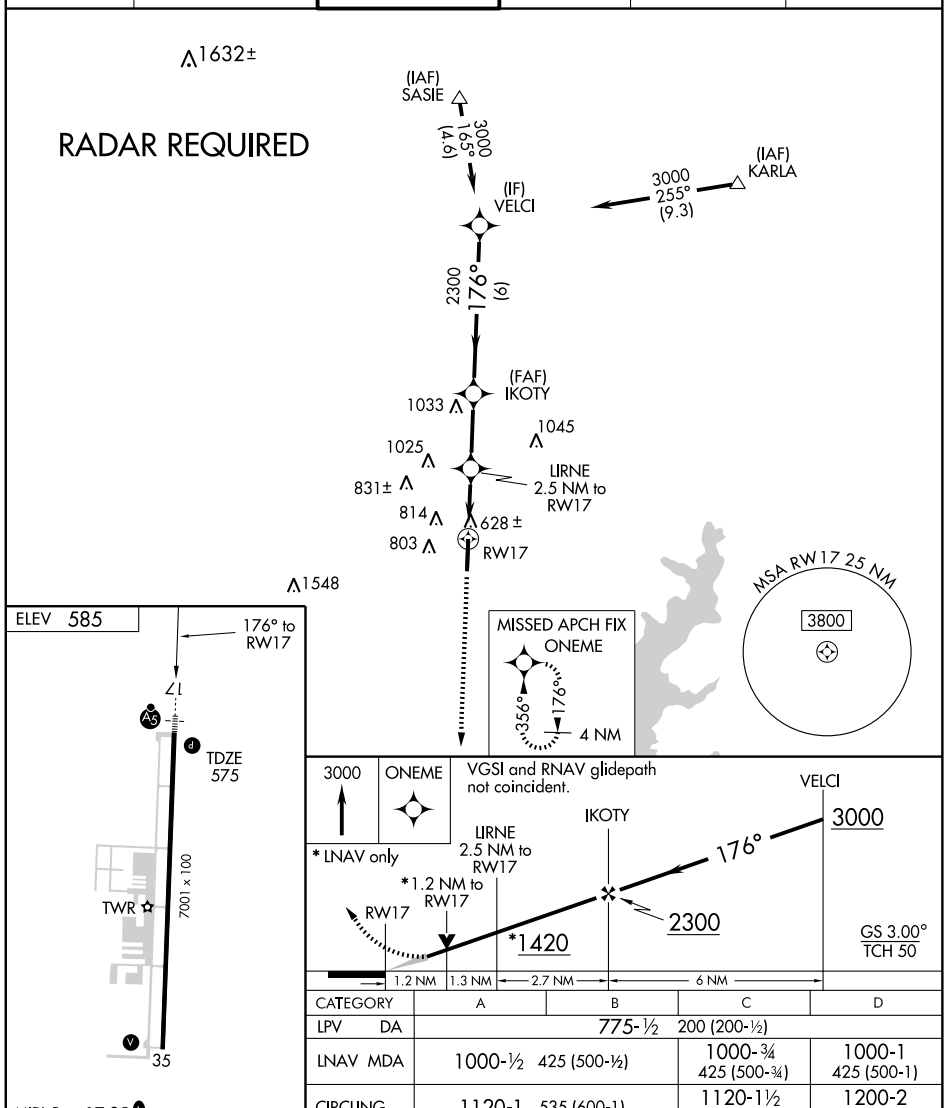
DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA 69 feet and all MDA 80 feet, increase LNAV Cat C, and Circling Cats C and D visibility ¼ mile. For inoperative MALSR increase LNAV Cat D visibility to 1¼ mile. For inoperative MALSR when using Dallas Love Field altimeter setting increase LPV all Cats visibility to 1 mile. VDP NA when using Dallas Love Field altimeter setting.

MALSR

MISSED APPROACH: Climb to 3000 direct ONEME and hold.

ASOS	REGIONAL APP CON	MC KINNEY TOWER ★	GND CON	CLNC DEL ★	UNICOM
119.925	124.3 282.275	118.825 (CTAF) L	121.875	121.35	122.95



CATEGORY	A	B	C	D
LPV DA	775-½	200 (200-½)		
LNAV MDA	1000-½ 425 (500-½)		1000-¾ 425 (500-¾)	1000-1 425 (500-1)
CIRCLING	1120-1 535 (600-1)		1120-1½ 535 (600-1½)	1200-2 615 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7001
CH 49202	356°	TDZE	585
W35A		Apt Elev	585

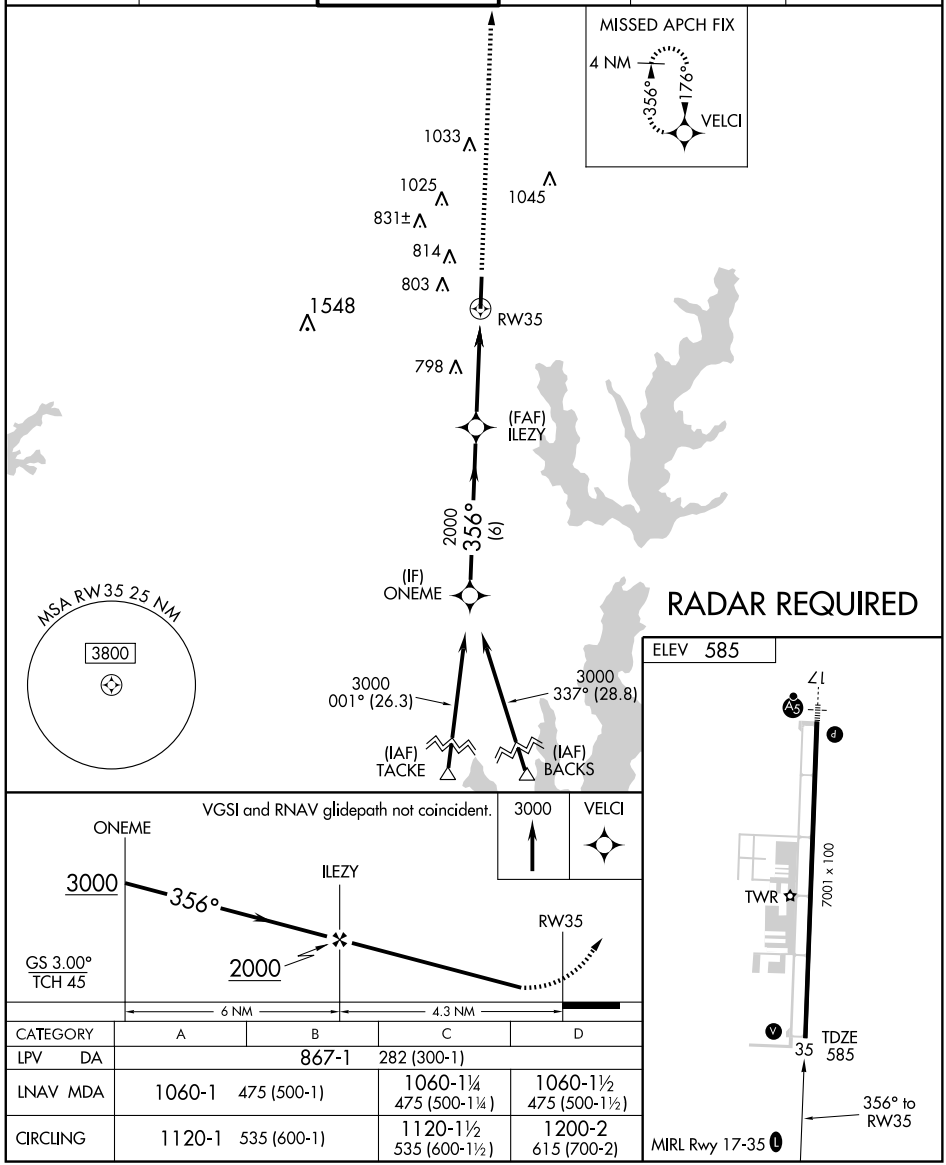
RNAV (GPS) RWY 35

DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

T A DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA 69 feet and all MDA 80 feet, and increase LPV all Cats, LNAV Cats C and D, and Circling Cats C and D visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct VELCI and hold.

ASOS	REGIONAL APP CON	MC KINNEY TOWER ★	GND CON	CLNC DEL ★	UNICOM
119.925	124.3 282.275	118.825 (CTAF) L	121.875	121.35	122.95



CATEGORY	A	B	C	D
LPV DA	867-1		282 (300-1)	
LNAV MDA	1060-1 475 (500-1)		1060-1¼ 475 (500-1¼)	1060-1½ 475 (500-1½)
CIRCLING	1120-1 535 (600-1)		1120-1½ 535 (600-1½)	1200-2 615 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

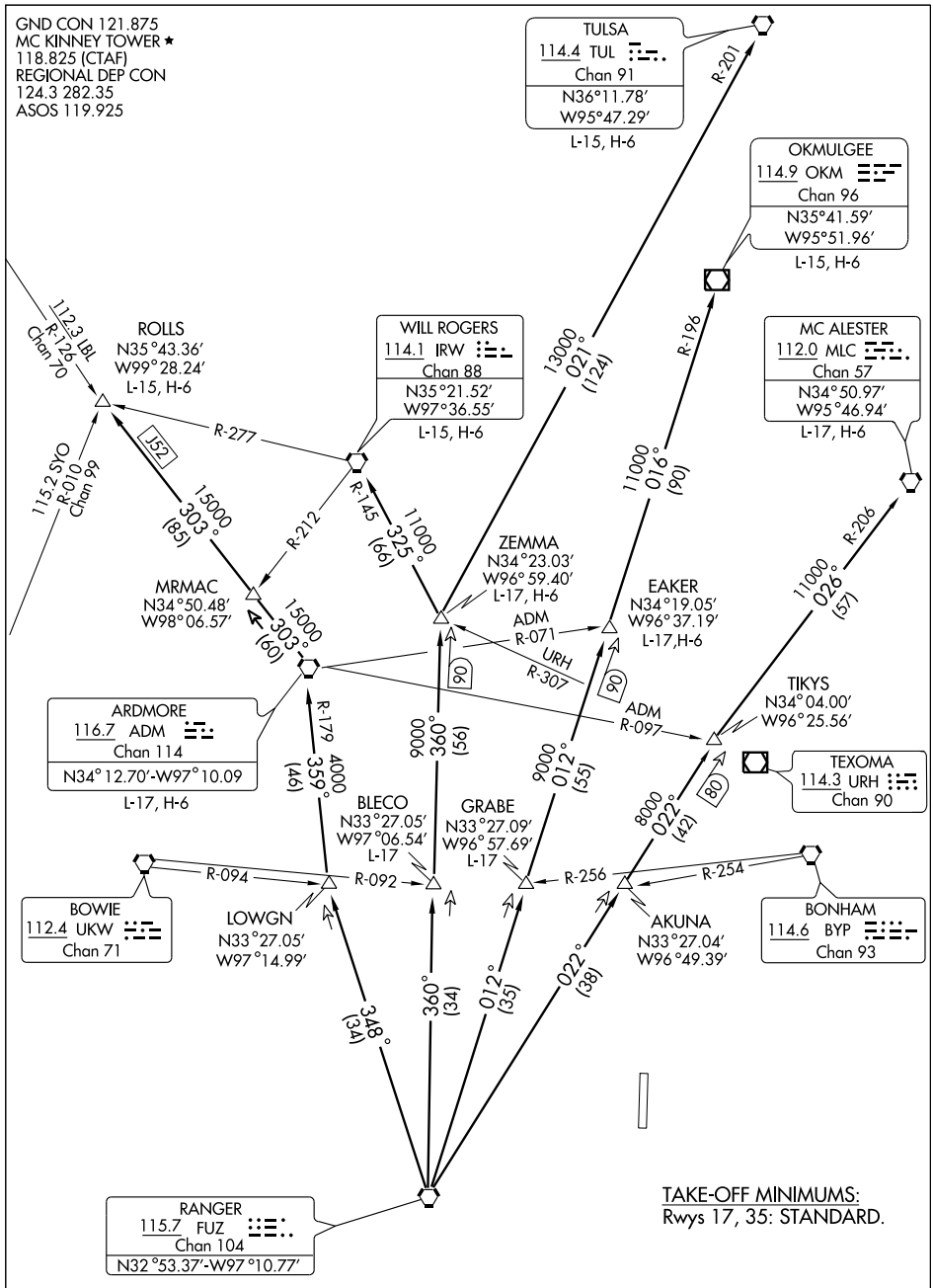
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

DALLAS/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

SL-6644 (FAA)

DALLAS, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

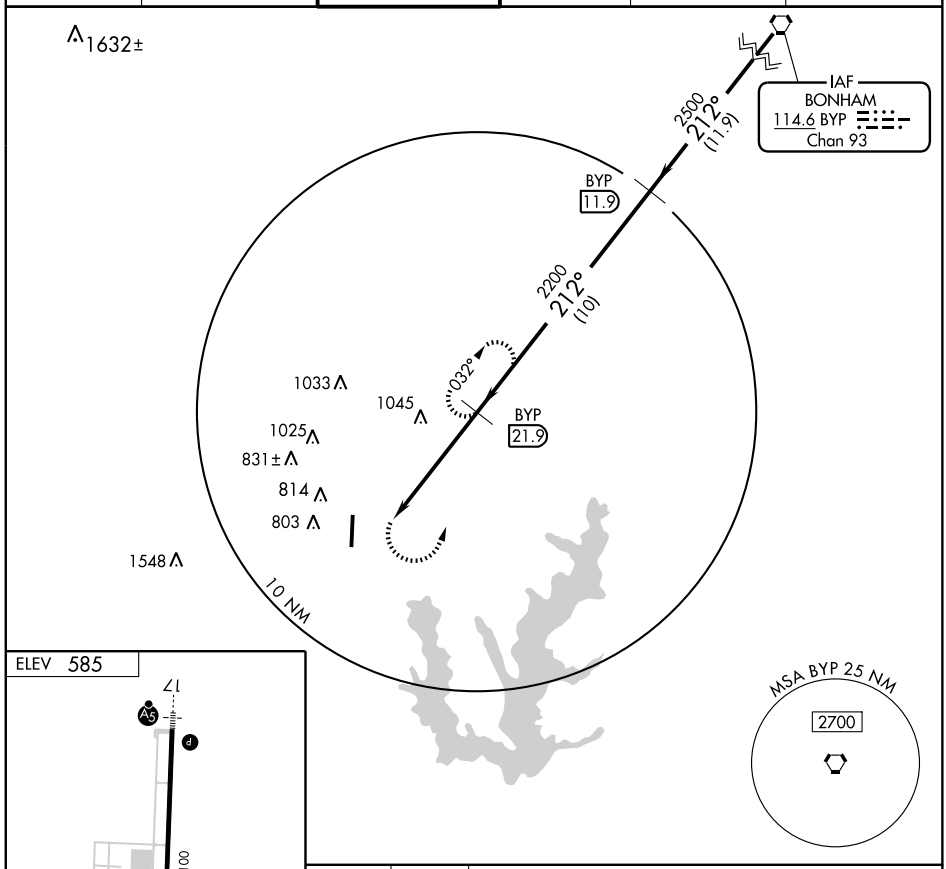
VORTAC BYP	APP CRS	Rwy Idg	N/A
114.6 Chan 93	212°	TDZE	N/A
		Apt Elev	585

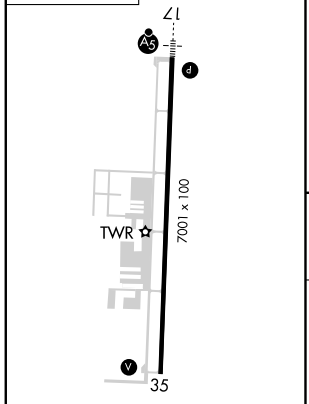
VOR/DME-A

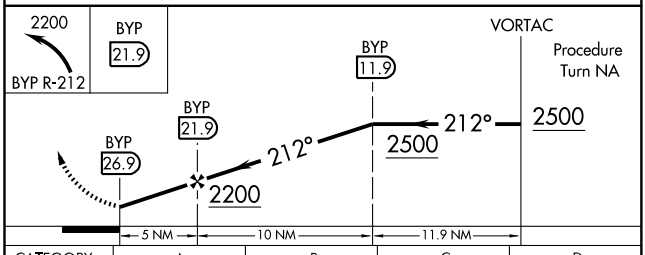
MC KINNEY/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

MISSED APPROACH: Climbing left turn to 2200 direct BYP R-212/21.9 DME and hold.

ASOS	REGIONAL APP CON	MC KINNEY TOWER ★	GND CON	CLNC DEL	UNICOM
119.925	124.3 282.275	118.825 (CTAF) L	121.875	121.35 ★	122.95



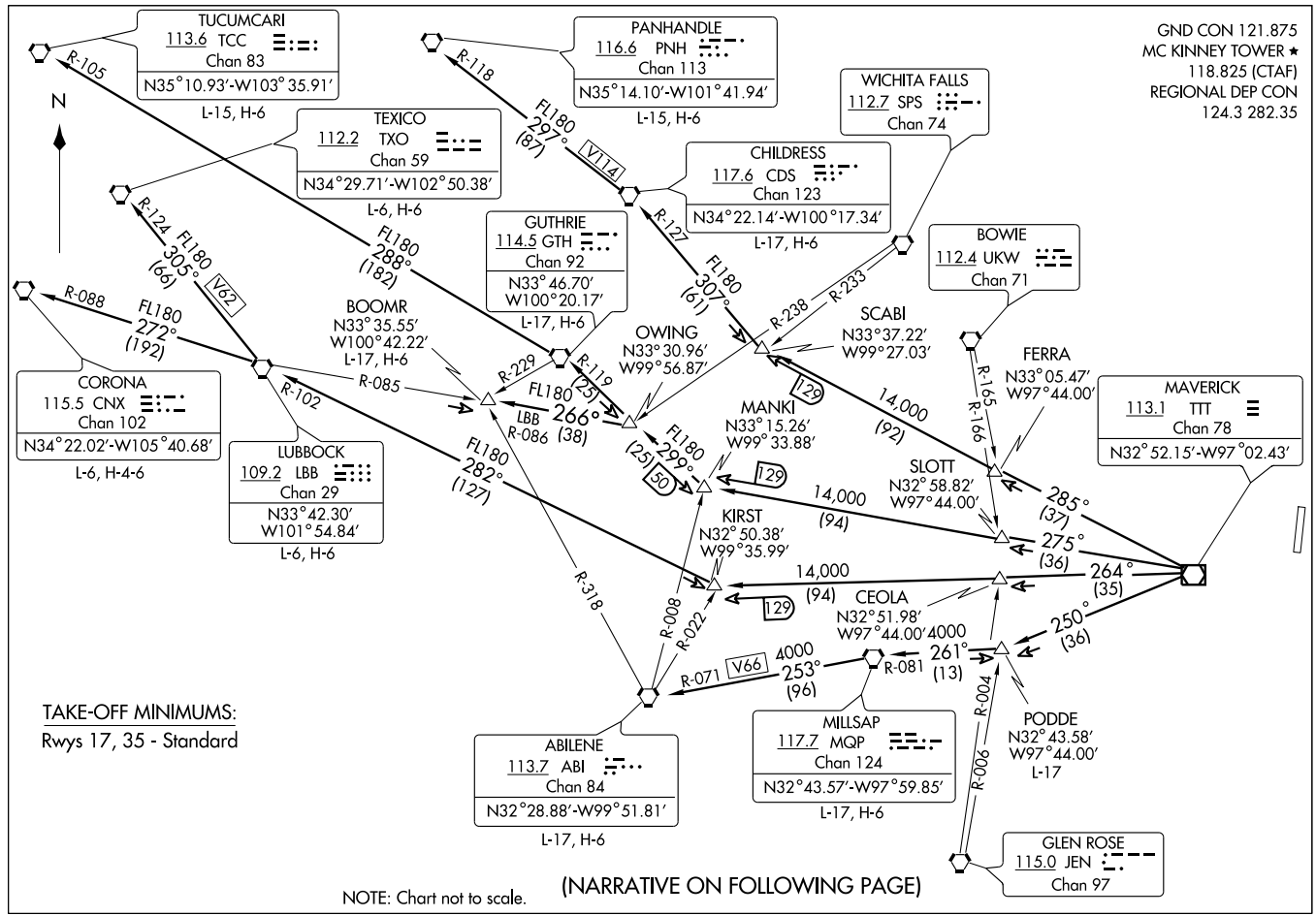




CATEGORY	A	B	C	D
CIRCLING	1360-1 775 (800-1)	1360-1¼ 775 (800-1¼)	1360-2¼ 775 (800-2¼)	1360-2½ 775 (800-2½)

MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010



(TWORTH5.1111) 09351

WORTH FIVE DEPARTURE

MC KINNEY/ COLLIN COUNTY RGNL AT MC KINNEY (TKI)

SL-6644 (FAA)

MC KINNEY, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

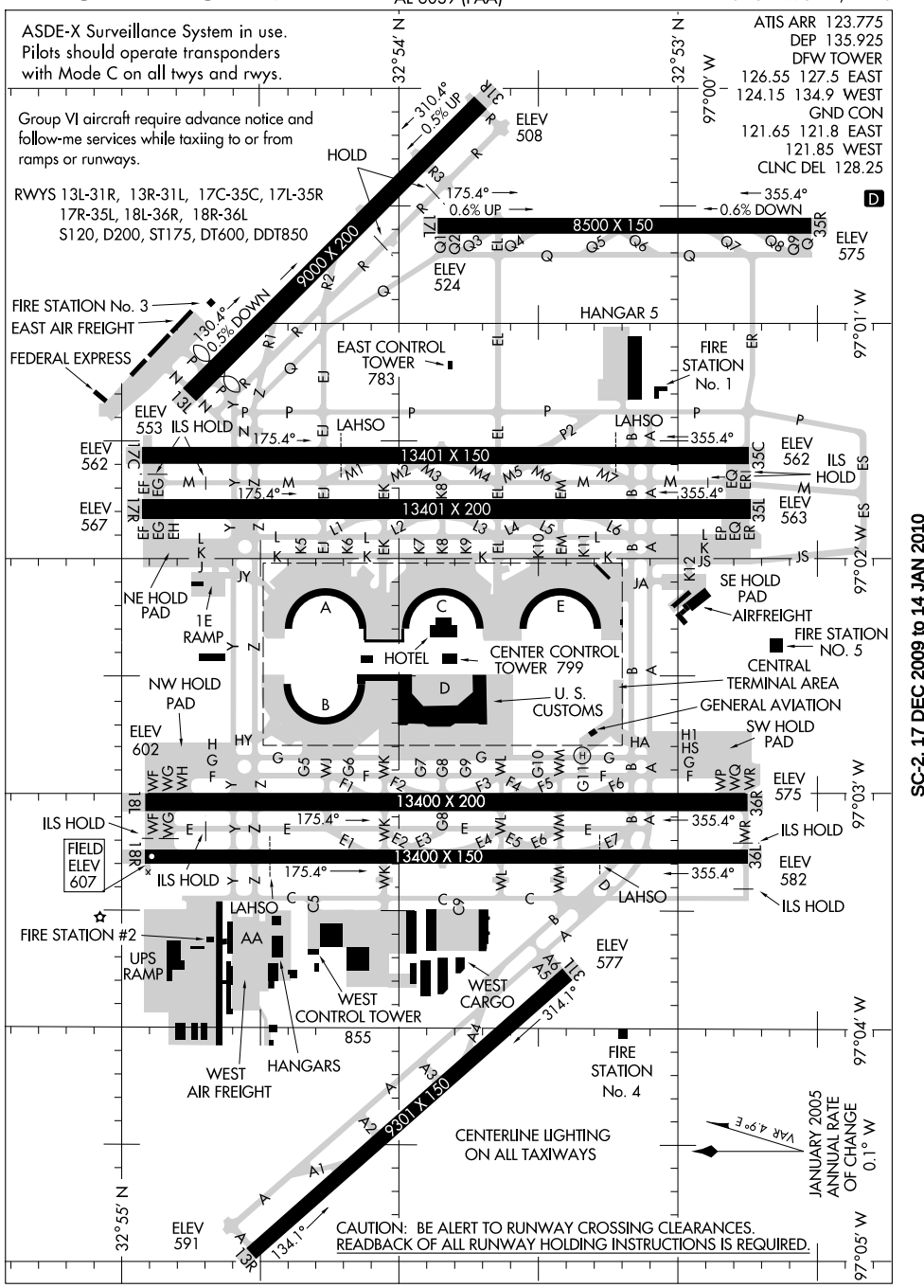
09351

AIRPORT DIAGRAM

AL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

AKUNA TWO DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

ATIS 135.925
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
CLNC DEL 128.25
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (RWY 17R/C)
126.47 363.15 (RWY 18L/R)
125.12 353.95 (RWYS 35L/C and 36L/R)

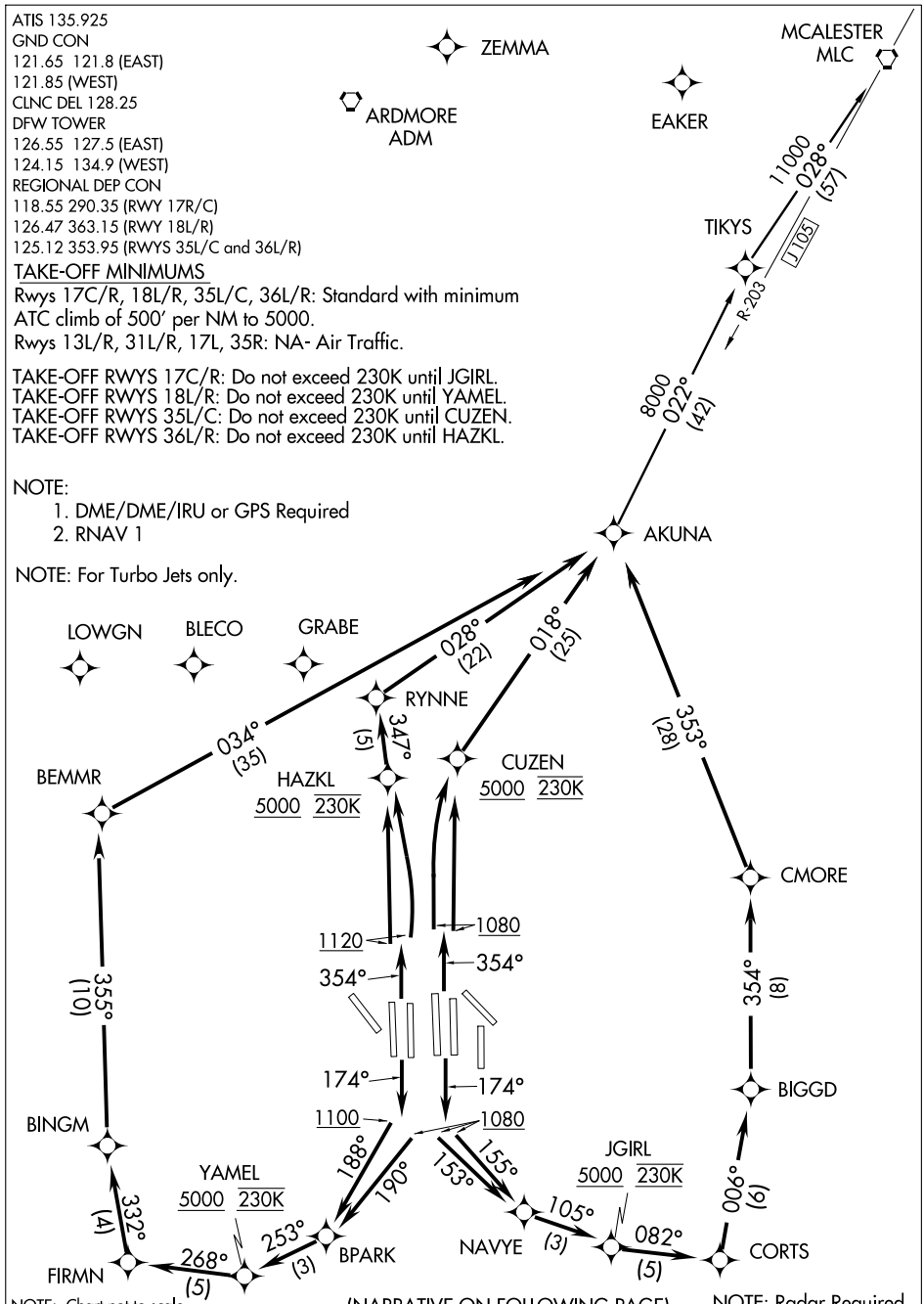
TAKE-OFF MINIMUMS

Rwys 17C/R, 18L/R, 35L/C, 36L/R: Standard with minimum ATC climb of 500' per NM to 5000.
Rwys 13L/R, 31L/R, 17L, 35R: NA- Air Traffic.

TAKE-OFF RWYS 17C/R: Do not exceed 230K until JGIRL.
TAKE-OFF RWYS 18L/R: Do not exceed 230K until YAMEL.
TAKE-OFF RWYS 35L/C: Do not exceed 230K until CUZEN.
TAKE-OFF RWYS 36L/R: Do not exceed 230K until HAZKL.

NOTE:
1. DME/DME/IRU or GPS Required
2. RNAV 1

NOTE: For Turbo Jets only.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required.

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT JACKY OR TRI-GATE DEPARTURE PROCEDURE.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE WP, then via 105° track to JGIRL WP, cross JGIRL WP at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE WP, then via 105° track to JGIRL WP, at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 190° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000 then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 188° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN WP, cross CUZEN WP at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN WP, cross CUZEN WP at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120, then direct HAZKL WP. Cross HAZKL WP at or above 5000. Then via depicted route to AKUNA WP, Thence. . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120, then left turn direct HAZKL WP, cross HAZKL WP at or above 5000, then via depicted route to AKUNA WP, Thence. . . .

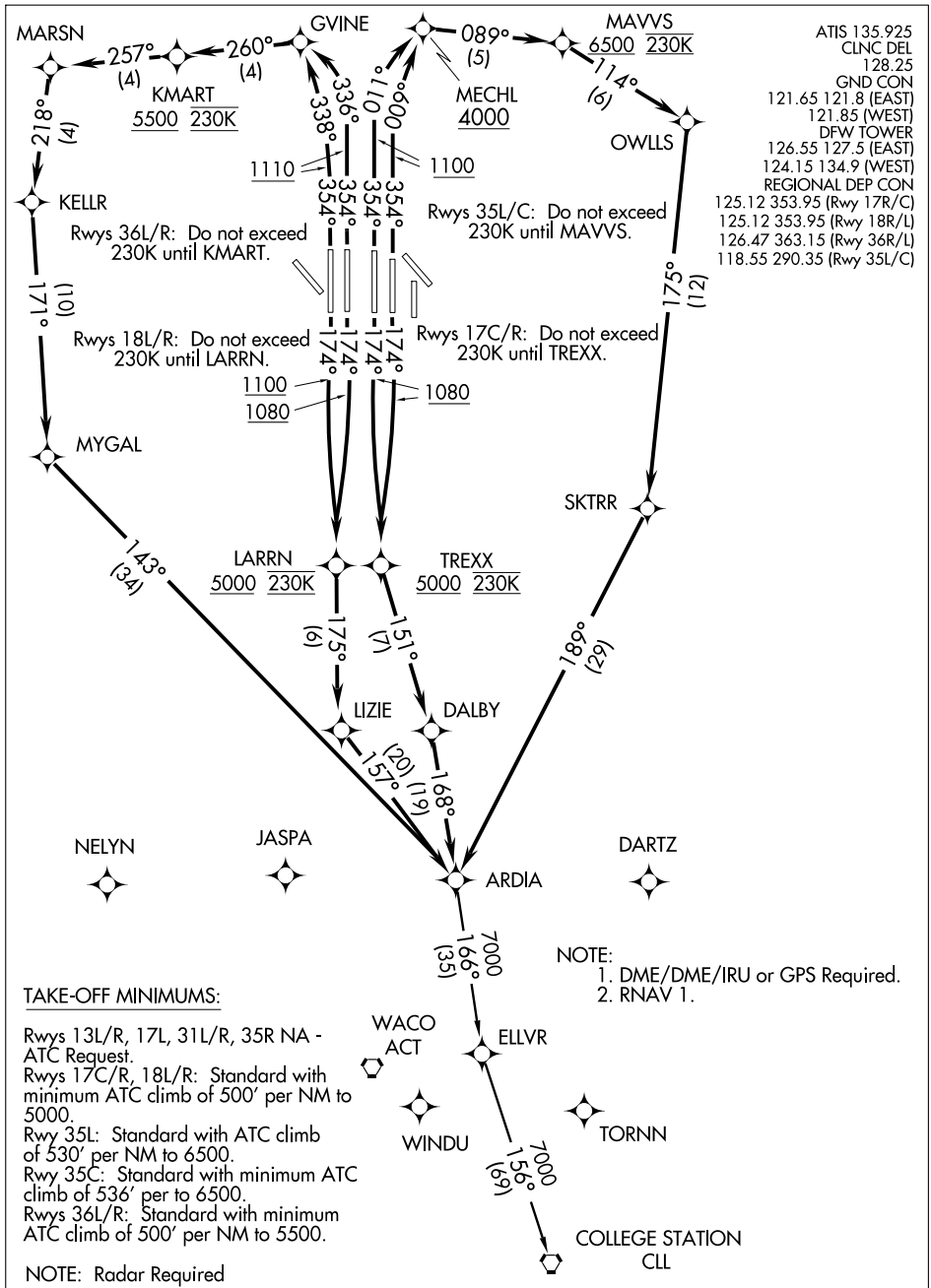
. . . . via (transition). Maintain 10,000', expect filed altitude ten minutes after departure.

MC ALESTER TRANSITION (AKUNA2.MLC): For aircraft overflying the MLC VORTAC or intercepting J105.

SC-2, 17 DEC 2009 to 14 JAN 2010

ARDIA THREE DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

File and expect KEENE or TRI-GATE DP.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX, cross TREXX at or above 5000, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then left turn direct TREXX, cross TREXX at or above 5000, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to 1080, then right turn direct LARRN, cross LARRN at or above 5000, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to 1100, then left turn direct LARRN cross LARRN at or above 5000, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS. Cross MAVVS at or above 6500, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS. Cross MAVVS at or above 6500, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE, then via 260° track to KMART. Cross KMART at or above 5500, then via depicted route to ARDIA. Thence . . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE, then via 260° track to KMART. Cross KMART at or above 5500, then via depicted route to ARDIA, Thence . . . .

. . . . via (transition). Maintain 10,000. Expect filed altitude within 10 minutes after departure.

COLLEGE STATION TRANSITION (ARDIA3.CLL): (For turbojet aircraft inbound to West Houston terminal area airports.)

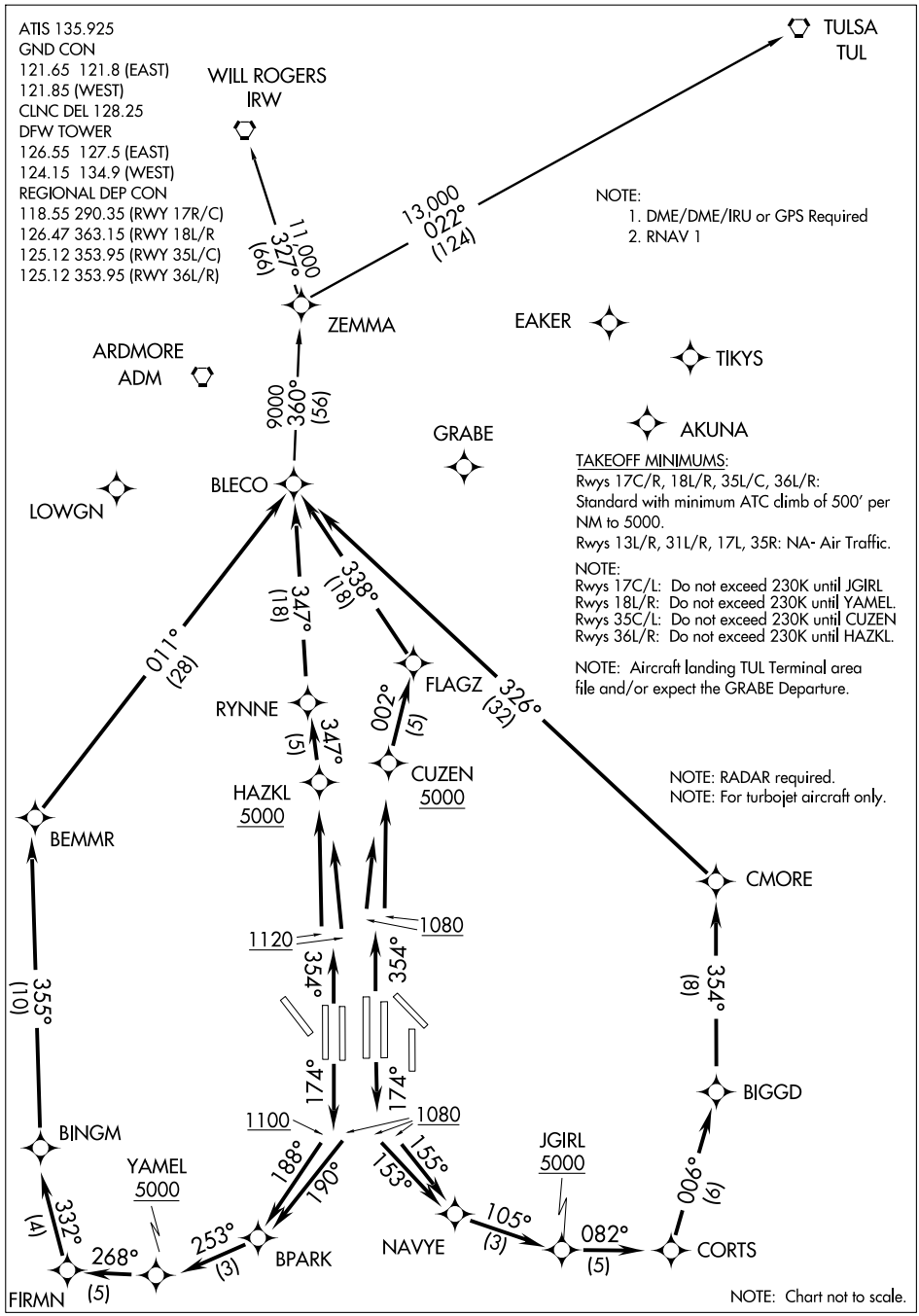
ELLVR TRANSITION (ARDIA3.ELLVR): (For turbojet aircraft inbound to Houston Hobby, EFD, GLS, and LBX.

SC-2, 17 DEC 2009 to 14 JAN 2010

(BLECO2.BLECO) 08045 SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

BLECO TWO DEPARTURE (RNAV)



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT JACKY OR TRI-GATE DEPARTURE PROCEDURE.

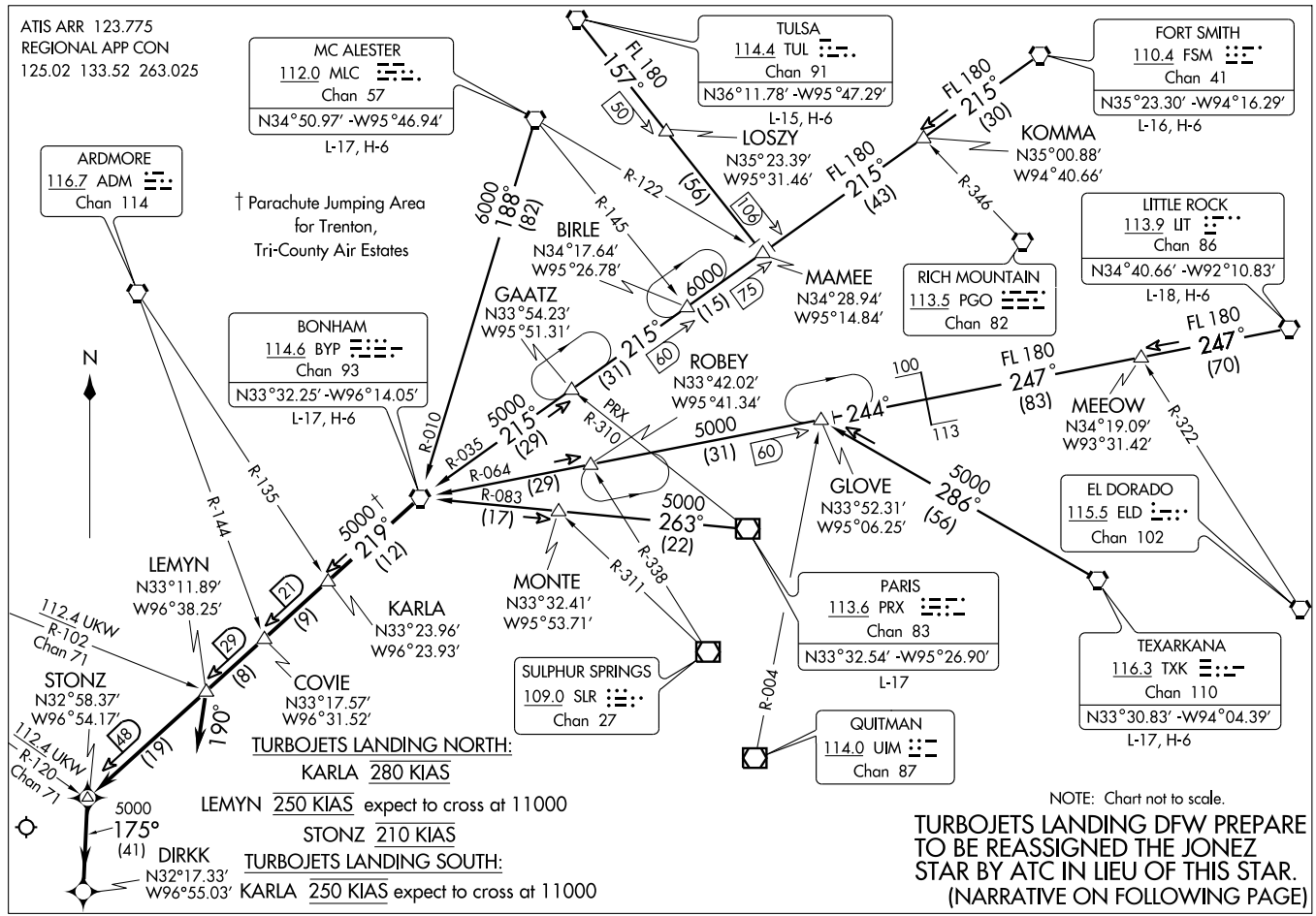
JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 190° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 188° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN, cross CUZEN at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN, cross CUZEN at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120, then direct HAZKL, cross HAZKL at or above 5000, then via depicted route to BLECO. Thence. . . .
TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120, then left turn direct HAZKL, cross HAZKL at or above 5000, then via depicted route to BLECO. Thence. . . .

. . . . via (transition). Maintain 10,000', expect filed altitude ten minutes after departure.

TULSA TRANSITION (BLECO2.TUL): (For all aircraft overflying the TUL VORTAC).
WILL ROGERS TRANSITION (BLECO2.IRW): (For all aircraft inbound to Oklahoma City area or overflying the IRW VORTAC).
ZEMMA TRANSITION (BLECO2.ZEMMA): (ATC assigned).

SC-2, 17 DEC 2009 to 14 JAN 2010



BONHAM FIVE ARRIVAL (BYP.BYP5) 07298

ST-6039 (FAA)

DALLAS-FORT WORTH INTL

DALLAS-FORT WORTH, TEXAS

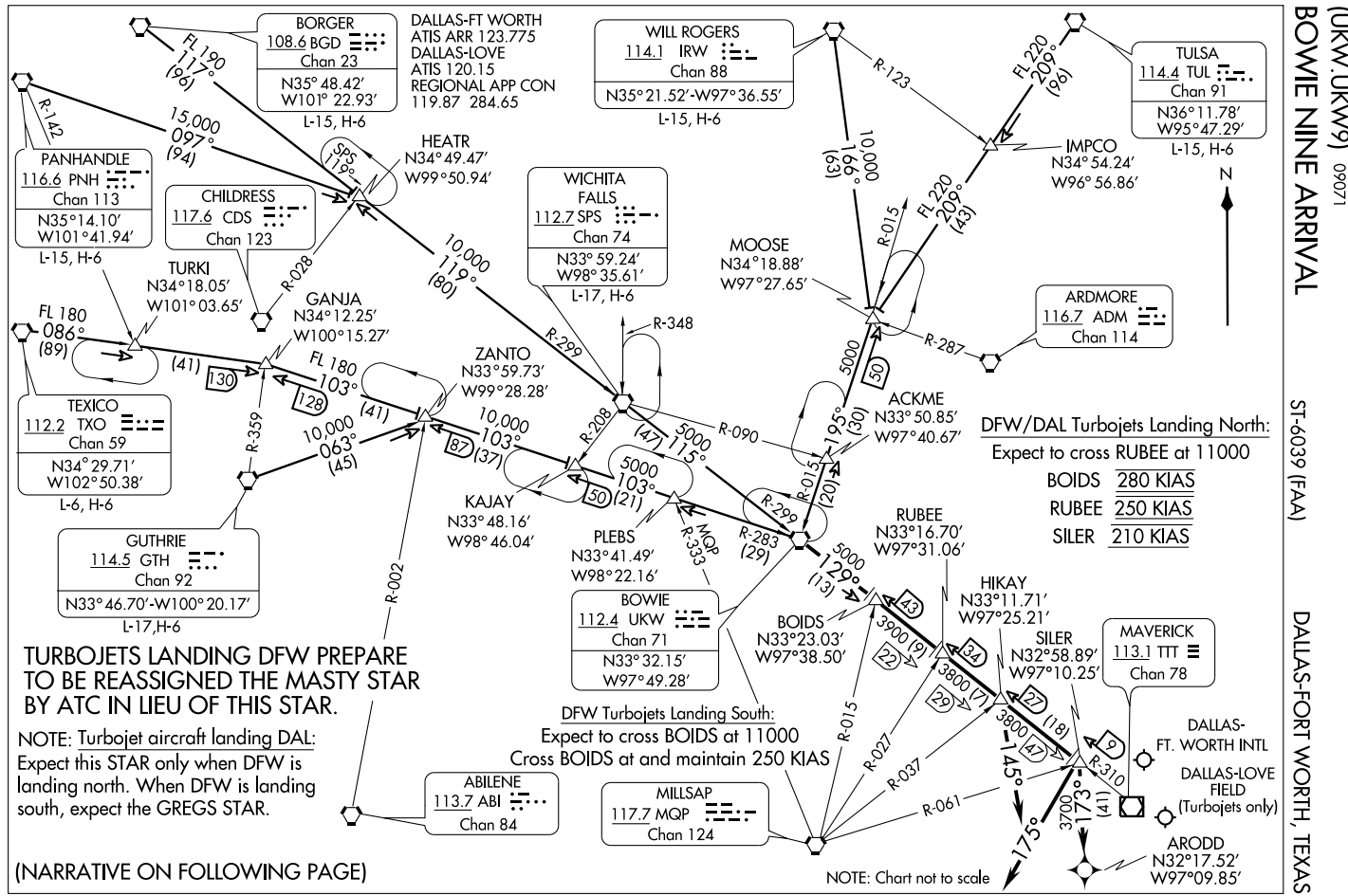
ARRIVAL DESCRIPTION

FORT SMITH TRANSITION (FSM.BYP5): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC. Thence. . . .
LITTLE ROCK TRANSITION (LIT.BYP5): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC. Thence. . . .
MC ALESTER TRANSITION (MLC.BYP5): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC. Thence. . . .
PARIS TRANSITION (PRX.BYP5): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC. Thence. . . .
TEXARKANA TRANSITION (TXK.BYP5): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC. Thence. . . .
TULSA TRANSITION (TUL.BYP5): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over BYP VORTAC via BYP R-219, thence. . . .

ALL AIRCRAFT LANDING SOUTH: To LEMYN, Expect vectors to final approach course.
JETS LANDING NORTH: FOR /E, /F, /G, and /R (RNP-2.0) EQUIPPED AIRCRAFT: From over STONZ INT direct DIRKK WP, expect vector to final approach course prior to DIRKK WP. If not received by DIRKK WP fly present heading. All others to STONZ depart STONZ heading 175° for vector to final approach course.
PROPS LANDING NORTH: Depart LEMYN INT heading 190°. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


BOWIE NINE ARRIVAL (UKW.UKW9) 09071
ST-6039 (FAA)
DALLAS-FORT WORTH, TEXAS
BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
DALLAS-FT WORTH
ATIS ARR 123.775
DALLAS-LOVE
ATIS 120.15
REGIONAL APP CON
119.87 284.65
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
TURKI
N34° 18.05'
W101° 03.65'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
ACKME
N33° 50.85'
W97° 40.67'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6, H-6
KAJAY
N33° 48.16'
W98° 46.04'
PLEBS
N33° 41.49'
W98° 22.16'
RUBEE
N33° 16.70'
W97° 31.06'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
BOIDS
N33° 23.03'
W97° 38.50'
HIKAY
N33° 11.71'
W97° 25.21'
SILER
N32° 58.89'
W97° 10.25'
MAVERICK
113.1 TTT
Chan 78
DALLAS-
FT. WORTH INTL
DALLAS-LOVE
FIELD
(Turbojets only)
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
ARODD
N32° 17.52'
W97° 09.85'
FL 190
117°
(96)
15,000
097°
(94)
R-142
SPS
179°
R-028
10,000
119°
(80)
FL 180
086°
(89)
(41)
130
FL 180
103°
(41)
128
10,000
063°
(45)
R-359
R-002
87
10,000
103°
(37)
R-299
R-348
R-208
5000
115°
(47)
R-090
5000
103°
(21)
50
R-283
(29)
MQP
R-333
5000
129°
(13)
R-123
FL 220
209°
(96)
10,000
099°
(63)
R-015
FL 220
206°
(43)
5000
195°
(30)
50
R-287
R-015
(20)
43
3900 (9)
22
34
3800 (7)
29
27
(18)
3800
145°
47
9
R-310
(41)
3700
173°
175°
R-027
R-037
R-061
N
DFW/DAL Turbojets Landing North:
Expect to cross RUBEE at 11000
BOIDS 280 KIAS
RUBEE 250 KIAS
SILER 210 KIAS
TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE MASTY STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Turbojet aircraft landing DAL: Expect this STAR only when DFW is landing north. When DFW is landing south, expect the GREGS STAR.
DFW Turbojets Landing South:
Expect to cross BOIDS at 11000
Cross BOIDS at and maintain 250 KIAS
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale

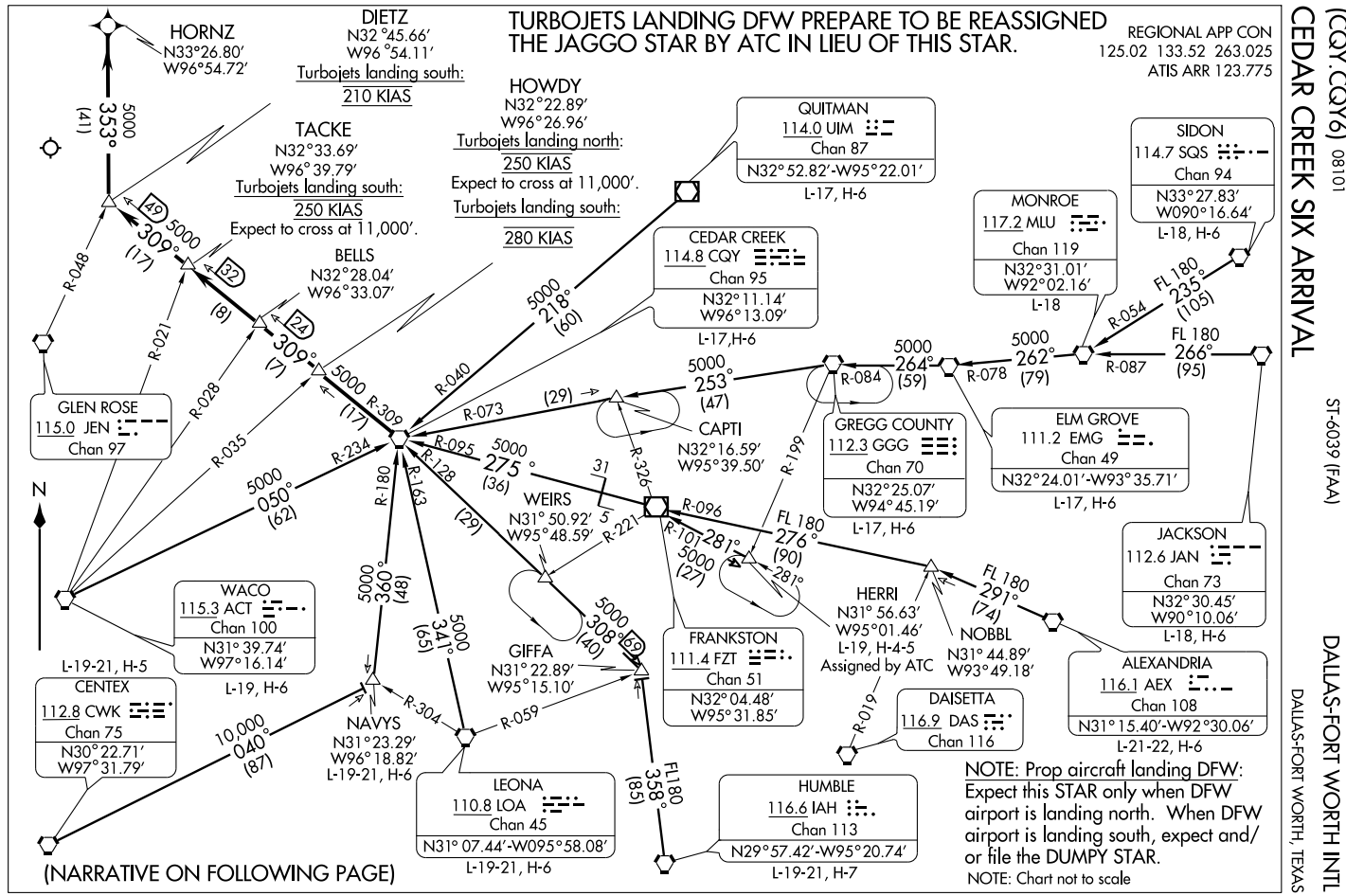
ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.UKW9): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
GUTHRIE TRANSITION (GTH.UKW9): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC. Thence. . . .
PANHANDLE TRANSITION (PNH.UKW9): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
TEXICO TRANSITION (TXO.UKW9): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC. Thence. . . .
TULSA TRANSITION (TUL.UKW9): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC. Thence. . . .
WICHITA FALLS TRANSITION (SPS.UKW9): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC. Thence. . . .
WILL ROGERS TRANSITION (IRW.UKW9): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over UKW VORTAC via UKW R-129 and TTT R-310. Thence. . . .

. . . . ALL AIRCRAFT LANDING SOUTH: To HIKAY INT, expect vectors to final approach course.
. . . . RNAV CAPABLE JETS LANDING NORTH: From over SILER INT direct ARODD WP, expect vectors to final approach course prior to ARODD WP. If not received by ARODD WP fly present heading. DME/DME/IRU or GPS required. Pilots of RNP capable aircraft use RNP 2.0. Type B.
. . . . PROPS LANDING NORTH: To HIKAY INT, depart HIKAY INT heading 145° for vector to final approach course.
. . . . ALL OTHERS: To SILER INT depart SILER INT heading 175° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


CEDAR CREEK SIX ARRIVAL (CQY.CQY6) 08101
DALLAS-FORT WORTH INTL
DALLAS-FORT WORTH, TEXAS
ST-6039 (FAA)
TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE JAGGO STAR BY ATC IN LIEU OF THIS STAR.
REGIONAL APP CON
125.02 133.52 263.025
ATIS ARR 123.775
HORNZ
N33°26.80′
W96°54.72′
DIETZ
N32°45.66′
W96°54.11′
Turbojets landing south:
210 KIAS
HOWDY
N32°22.89′
W96°26.96′
Turbojets landing north:
250 KIAS
Expect to cross at 11,000′.
Turbojets landing south:
280 KIAS
TACKE
N32°33.69′
W96°39.79′
Turbojets landing south:
250 KIAS
Expect to cross at 11,000′.
BELLS
N32°28.04′
W96°33.07′
QUITMAN
114.0 UIM
Chan 87
N32°52.82′-W95°22.01′
L-17, H-6
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
SIDON
114.7 SQS
Chan 94
N33°27.83′
W090°16.64′
L-18, H-6
GLEN ROSE
115.0 JEN
Chan 97
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07′
W94°45.19′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
L-19-21, H-5
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
HERRI
N31°56.63′
W95°01.46′
L-19, H-4-5
Assigned by ATC
NOBBL
N31°44.89′
W93°49.18′
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′-W92°30.06′
L-21-22, H-6
DAISETTA
116.9 DAS
Chan 116
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
LEONA
110.8 LOA
Chan 45
N31° 07.44′-W095°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Prop aircraft landing DFW: Expect this STAR only when DFW airport is landing north. When DFW airport is landing south, expect and/or file the DUMPY STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
353°
(41)
5000
R-048
309°
(17)
5000
R-021
R-028
R-035
309°
(7)
5000 R-309
(17)
R-040
5000
218°
(60)
5000
253°
(47)
(29)
R-073
R-095
5000
275°
(36)
R-234
5000
050°
(62)
R-180
R-163
R-128
(29)
R-326
R-199
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
R-054
FL 180
235°
(105)
R-096
R-101
281°
5000
(27)
281°
FL 180
276°
(90)
FL 180
291°
(74)
R-221
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
R-304
R-059
R-019
10,000
040°
(87)
FL180
358°
(85)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.CQY6): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC. Thence . . . .

CENTEX TRANSITION (CWK.CQY6): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.CQY6): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC. Thence . . . .

GREGG COUNTY TRANSITION (GGG.CQY6): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC. Thence . . . .

HERRI TRANSITION (HERRI.CQY6): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC. Thence . . . .

HUMBLE TRANSITION (IAH.CQY6): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC. Thence . . . .

JACKSON TRANSITION (JAN.CQY6): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC. Thence . . . .

LEONA TRANSITION (LOA.CQY6): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC. Thence. . . .

MONROE TRANSITION (MLU.CQY6): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC. Thence . . . .

NAVYS TRANSITION (NAVYS.CQY6): From over NAVYS INT via CQY R-180 to CQY VORTAC. Thence . . . .

QUITMAN TRANSITION (UIM.CQY6): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC. Thence . . . .

SIDON TRANSITION (SQS.CQY6): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC. Thence . . . .

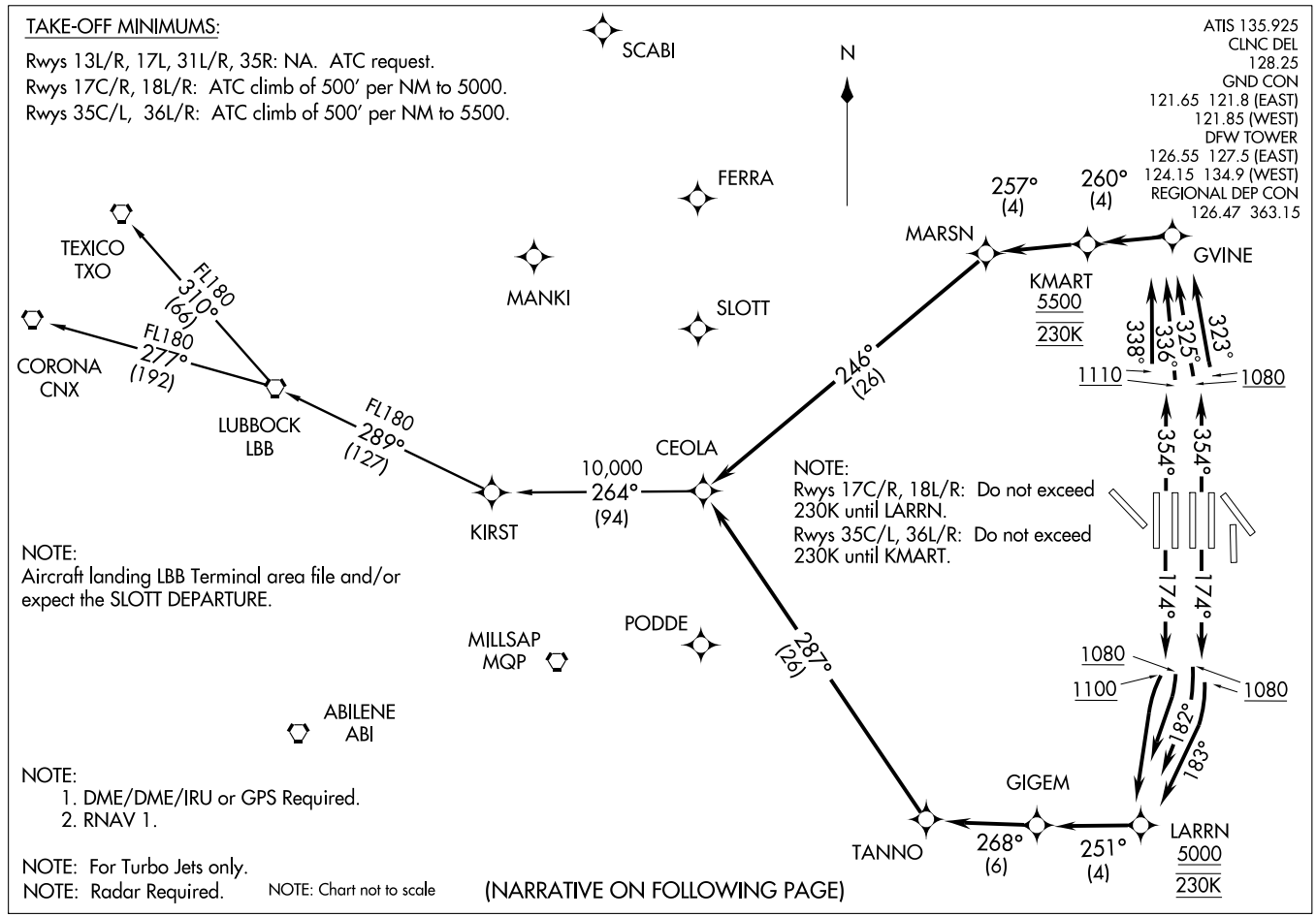
WACO TRANSITION (ACT.CQY6): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC. Thence . . . .

. . . .ALL AIRCRAFT: From over CQY VORTAC via CQY R-309, thence:

JETS LANDING SOUTH: FOR /E, /F, /G, and /R (RNP-2.0) EQUIPPED AIRCRAFT: From over DIETZ INT direct HORNZ WP, expect vector to final approach course prior to HORNZ WP. If not received by HORNZ WP fly present heading. All others to DIETZ INT depart DIETZ INT heading 350° for vector to final approach course.

ALL AIRCRAFT LANDING NORTH: To TACKE INT, expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(CEOLA4.CEOLA) 08045

CEOLA FOUR DEPARTURE (RNAV)

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

CEOLA FOUR DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT KINGDOM OR COYOTE DEPARTURE

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 183° course to LARRN, cross LARRN at or above 5000, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 182° course to LARRN, cross LARNN at or above 5000, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above1080, then right turn direct LARRN, cross LARRN at or above 5000, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then left turn direct LARRN, cross LARRN at or above 5000, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1080, then via 323° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1080, then via 325° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to CEOLA. Thence. . . .
TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to CEOLA. Thence. . . .
. . . . via (transition). Maintain 10,000 feet, expect filed altitude within ten minutes after departure.

CORONA TRANSITION (CEOLA4.CNX)

LUBBOCK TRANSITION (CEOLA4.LBB)

TEXICO TRANSITION (CEOLA4.TXO)

SC-2, 17 DEC 2009 to 14 JAN 2010

NOTE:
1. DME/DME/IRU or GPS Required
2. RNAV 1.

NOTE: For jets requesting FL180 or above.
NOTE: RADAR required.

ATIS 135.925
CLNC DEL 128.25 348.6
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (Jets)

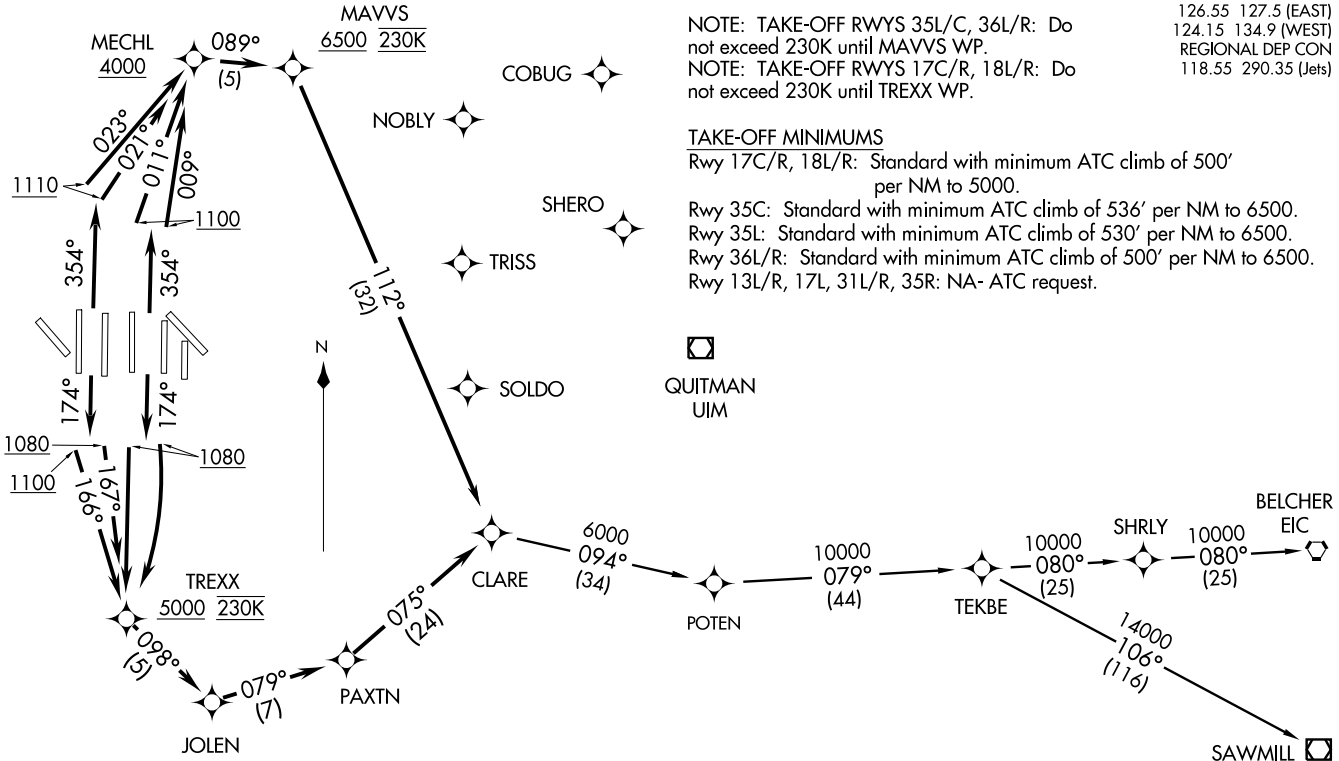
(CLARE2.CLARE) 08045
CLARE TWO DEPARTURE (RNAV)

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

NOTE: TAKE-OFF RWYS 35L/C, 36L/R: Do not exceed 230K until MAVVS WP.
NOTE: TAKE-OFF RWYS 17C/R, 18L/R: Do not exceed 230K until TREXX WP.

TAKE-OFF MINIMUMS
Rwy 17C/R, 18L/R: Standard with minimum ATC climb of 500' per NM to 5000.
Rwy 35C: Standard with minimum ATC climb of 536' per NM to 6500.
Rwy 35L: Standard with minimum ATC climb of 530' per NM to 6500.
Rwy 36L/R: Standard with minimum ATC climb of 500' per NM to 6500.
Rwy 13L/R, 17L, 31L/R, 35R: NA- ATC request.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

CLARE TWO DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT WYLIE OR HUBBARD DEPARTURE

JETS

Jets requesting 17000 and below expect GARLAND DEPARTURE

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 167° course to TREXX, cross TREXX WP at or above 5000, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 166° course to TREXX WP, cross TREXX WP at or above 5000, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 023° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to CLARE WP. Thence....

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 021° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS at or above 6500, then via depicted route to CLARE WP. Thence....

....via (TRANSITION). Maintain 10000. Expect filed altitude within 10 minutes after departure.

BELCHER TRANSITION (CLARE2.EIC): For aircraft inbound to JAN and MLU TERMINAL AREAS only.

SAWMILL TRANSITION (CLARE2.SWB)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LWN	APP CRS	Rwy Idg	9301
109.5	133°	TDZE	591
Chan 32		Apt Elev	607

CONVERGING ILS RWY 13R

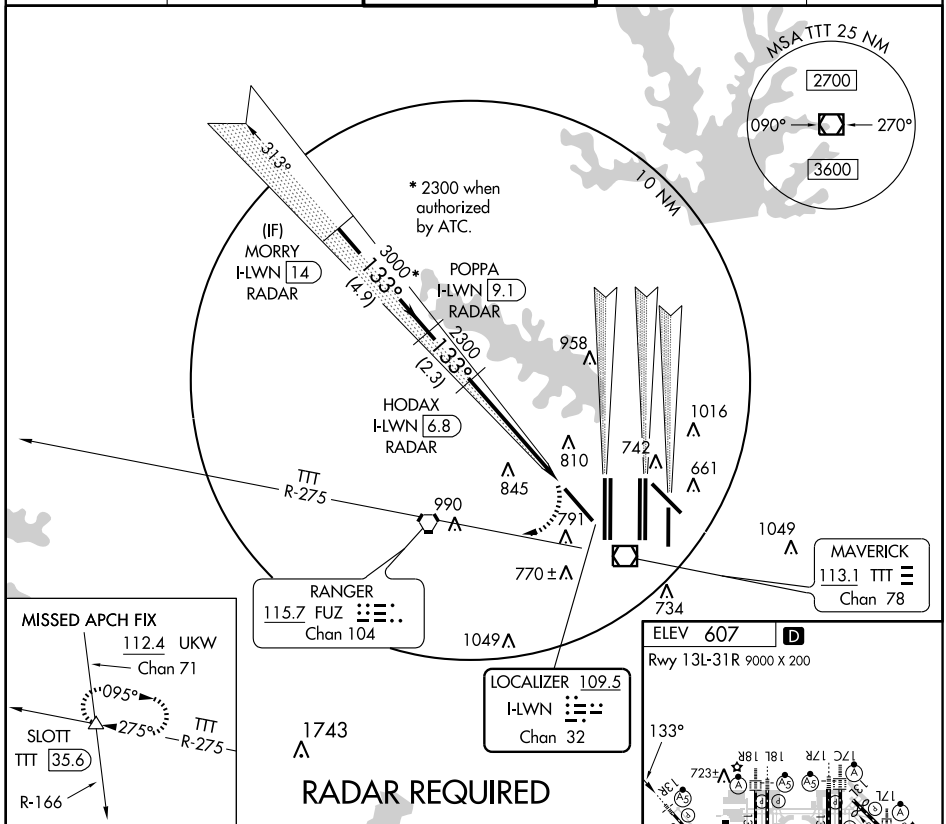
DALLAS-FORT WORTH INTL (DFW)

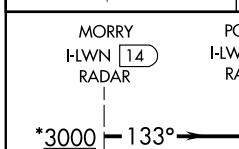
Simultaneous converging approach authorized with Converging ILS Rwy 18L/R and Converging ILS Rwy 17C/R. Inoperative table does not apply.

MALSR

MISSED APPROACH: Climbing right turn to 5000 via heading 230° and TTT R-275 to SLOTT Int/TTT 35.6 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.1 133.15	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	





CATEGORY	A	B	C	D
S-ILS 13R	1351-2¾ 760 (800-2¾)		1391-2¾ 800 (800-2¾)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

CONVERGING ILS RWY 17C

DALLAS-FORT WORTH INTL (DFW)

LOC/DME I-FLQ	APP CRS	Rwy 17C ldg	13401
110.3	174°	TDZE	562
Chan 40		Apt Elev	607

DME or RADAR required. Simultaneous approach authorized with Rwy 13 R, 18L/R.

ALSF-2

MISSED APPROACH: Climb to 1300 then climbing left turn to 5000 via TTT VOR/DME R-128 to BELLS INT 34.5 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED

* When assigned by ATC, intercept glidepath at 3000 or 5000.

(IF) BOSSI I-FLQ 19.2 RADAR

354°

*5000 174° (3.2)

PENNY I-FLQ 16.1 RADAR

*3000 174° (6.3)

ZINGG I-FLQ 9.8 RADAR

2300 174° (2.2)

OM JIFFY INT I-FLQ 7.6 RADAR

1548

10 NM

958

1016

810

845

855

742

661

990

791

770±

734

1049

COWBOY 116.2 CVE Chan 109

LOCALIZER 110.3 I-FLQ Chan 40

MAVERICK 113.1 TTT Chan 78

R-139

R-128

MSA TTT 25 NM

2700

090° 270°

3600

ALTERNATE MISSED APCH FIX

116.2 CVE Chan 109 R-139

BELLS CVE 31

139° 319°

114.8 CQY Chan 95 R-309

115.3 ACT Chan 100 R-028

MISSED APCH FIX

113.1 TTT Chan 78 R-128

BELLS TTT 34.5

128° 308°

114.8 CQY Chan 95 R-309

115.3 ACT Chan 100 R-028

ELEV 607 D

Rwy 13L-31R 9000 X 150

174°

TDZE 562

723±

858

799

783

660±

607

635

618

694±

1400 X 150

1340 X 200

1340 X 150

8500 X 150

9000 X 150

17L 17R 17C 18L 18R

36L 36R 35L 35C 35R

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

1300	5000	BELLS
	TTT R-128	TTT 34.5

VGSI and ILS glidepath not coincident.

* When assigned by ATC, intercept glidepath at 3000 or 5000.

BOSSI I-FLQ 19.2 RADAR

ZINGG I-FLQ 9.8 RADAR

PENNY I-FLQ 16.1 RADAR

JIFFY INT I-FLQ 7.6 RADAR

IM

763

2300

*3000

2300

174° 6000

*5000

GS 3.00° TCH 58

0.1 5.1 NM 2.2 NM 6.3 NM 3.2 NM

CATEGORY	A	B	C	D
S-ILS 17C	762/18 200 (200-½)			

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-JHZ	APP CRS	Rwy Idg	13401
111.35	174°	TDZE	567
Chan 50 (Y)		Apt Elev	607

CONVERGING ILS RWY 17R

DALLAS-FORT WORTH INTL (DFW)

DME or RADAR required. Simultaneous approach authorized with Rwy 13R, 18L/R.

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via TTT VOR/DME R-128 to BELLS INT/TTT 34.5 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

ALTERNATE MISSED APCH FIX

116.2 CVE Chan 109 R-139 139° 319° BELLS CVE 31

(IF) NETTS I-JHZ 19.2 RADAR

R-354 174° (3.2) *5000

GARZA I-JHZ 16.1 RADAR

174° (6.3) *3000

YALTA I-JHZ 9.8 RADAR

2200 174° (2.5)

BBAKR INT I-JHZ 7.3 RADAR

10 NM

958 1016 810 742 661 845 R-043 990 791 770± 734 1049 1049

RANGER 115.7 FUZ Chan 104

COWBOY 116.2 CVE Chan 109

MAVERICK 113.1 TTT Chan 78

LOCALIZER 111.35 I-JHZ Chan 50 (Y)

R-128

* When assigned by ATC intercept glidepath at 3000 or 5000.

1548

MSA TTT 25 NM

2700

090° 270°

3600

MISSED APCH FIX

R-128 128° BELLS TTT 34.5 308° 113.1 TTT Chan 78

RADAR REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200

174° TDZE 567

723± 855 607 799 783 660± 635 618 694±

13400 X 150 13401 X 150 13400 X 200 13401 X 200 8500 X 150

36L 36R 35L 35C 35R

HIRL all Rwys

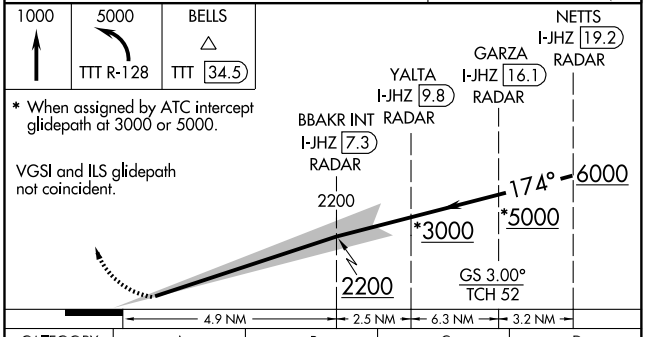
REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

1000	5000	BELLS
	TTT R-128	TTT 34.5

* When assigned by ATC intercept glidepath at 3000 or 5000.

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 17R	767/18	200 (200-½)		

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-CIX	APP CRS	Rwy Idg	13400
110.55	174°	TDZE	602
Chan 42 (Y)		Apt Elev	607

CONVERGING ILS RWY 18L

DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 13R, 17C/R. DME or RADAR required.

MALSR

MISSED APPROACH: Climb to 5000 then left turn via heading 170° and TTT VOR/DME R-176 to JASPA INT/TTT 35 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED

* When assigned by ATC, intercept glidepath at 3000.

(IF) GRUCH I-CIX 16.7 RADAR

354°

*3000 174° (3.2)

ALIGN I-CIX 13.5 RADAR

*3000 174° (6.3)

10 NM

UDALL I-CIX 7.2 RADAR

2300 (2.3)

HASTY I-CIX 4.9 RADAR

ALTERNATE MISSED APCH FIX

180° 090°

115.0 JEN Chan 97

R-074 JASPA CVE 37.1 TTT R-176

CVE R-186

MISSED APCH FIX

176° 356°

115.0 JEN Chan 97

R-074 JASPA TTT 35 TTT R-176

CVE R-186

MSA TTT 25 NM

2700

090° 270°

3600

LOCALIZER 110.55 I-CIX Chan 42 (Y)

MAVERICK 113.1 TTT Chan 78

958 1016 810 742 845 661 990 791 1049 770± 734 1743

ELEV 607 D

Rwy 13L-31R 9000 X 200

174° TDZE 602

5000

HDG 170° TTT R-176

JASPA TTT 35

VGSI and ILS glidepath not coincident.

UDALL I-CIX 7.2 RADAR

ALIGN I-CIX 13.5 RADAR

GRUCH I-CIX 16.7 RADAR

HASTY I-CIX 4.9 RADAR

2300

174° 4000

3000* 3000*

2300

* When assigned by ATC, intercept glidepath at 3000.

GS 3.00° TCH 55

5.1 NM 2.3 NM 6.3 NM 3.2 NM

CATEGORY	A	B	C	D
S-ILS 18L	802/18	200 (200-½)		

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

CONVERGING ILS RWY 18R

DALLAS-FORT WORTH INTL (DFW)

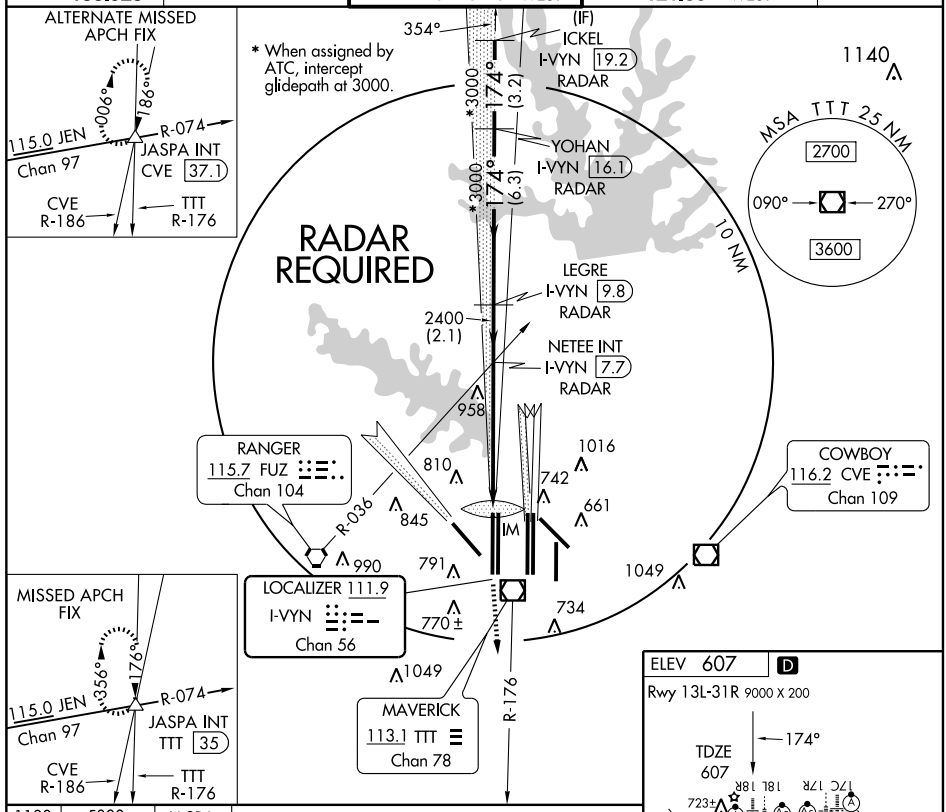
LOC/DME I-VYN	APP CRS	Rwy Idg	13400
111.9	174°	TDZE	607
Chan 56		Apt Elev	607

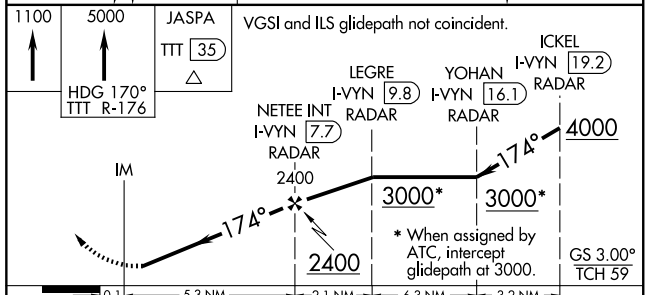
Simultaneous approach authorized with Rwy 13R, 17R and 17C. DME or RADAR required.

ALSF-2

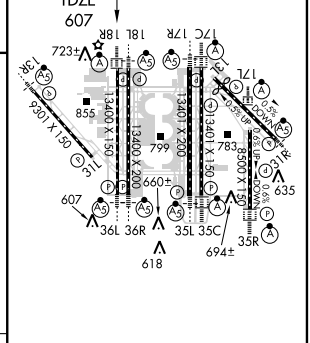
MISSED APPROACH: Climb to 1100 then climb to 5000 via heading 170° and TTT VOR/DME R-176 to JASPA Int/TTT 35 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	





CATEGORY	A	B	C	D
S-ILS 18R	807/18 200 (200-½)			



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-RRA	APP CRS	Rwy Idg	8375
110.9	309°	TDZE	523
Chan 46		Apt Elev	607

CONVERGING ILS RWY 31R

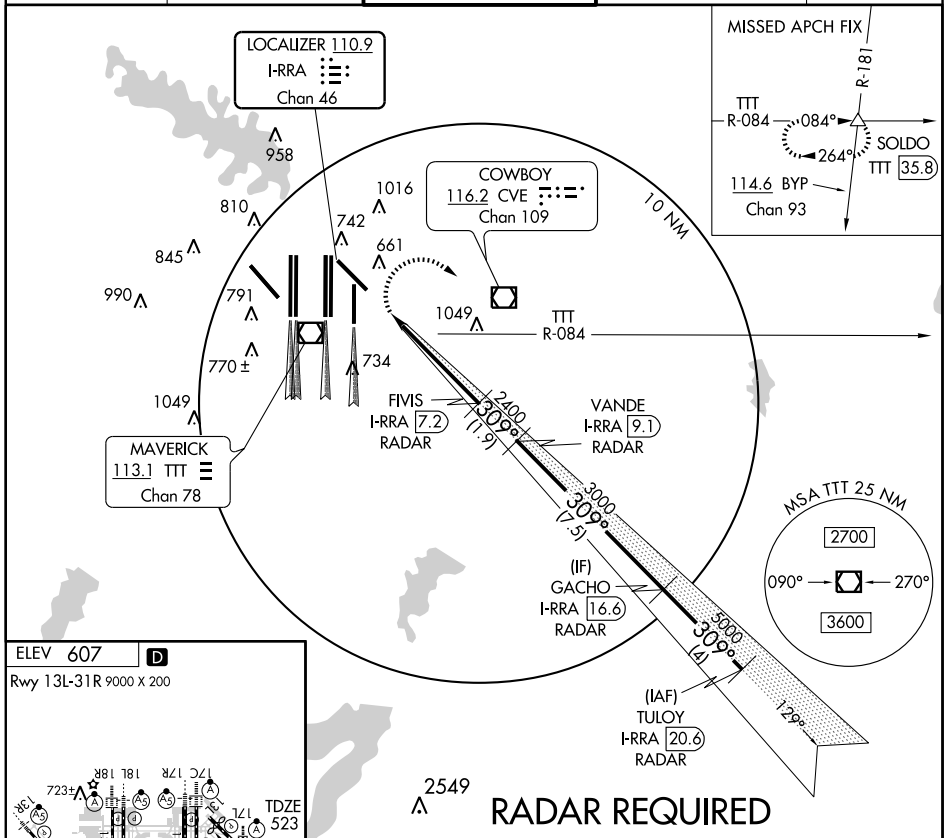
DALLAS-FORT WORTH INTL (DFW)

T NA Simultaneous Converging approach authorized with Converging ILS Rwy 35L/C and Converging ILS Rwy 36L/R. Inoperative table does not apply.

MALSR

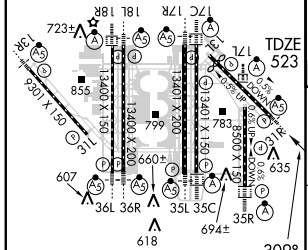
MISSED APPROACH: Climbing right turn to 5000 via heading 125° and TTT R-084 to SOLDO Int/TTT 35.8 DME and hold.

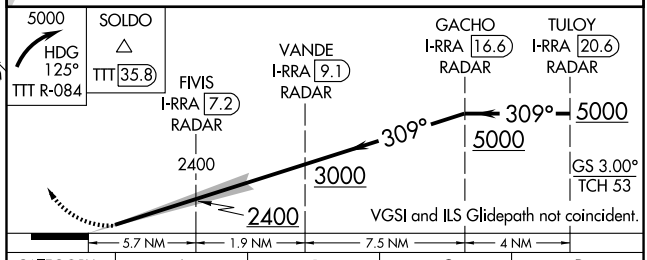
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	125.2 135.5	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



ELEV 607 D

Rwy 13L-31R 9000 X 200





HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

CATEGORY	A	B	C	D
S-ILS 31R	1463-3	940 (900-3)	1498-3 975 (900-3)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-PKQ	APP CRS	Rwy 35C ldg	13401
110.3	354°	TDZE	563
Chan 40		Apt Elev	607

CONVERGING ILS RWY 35C

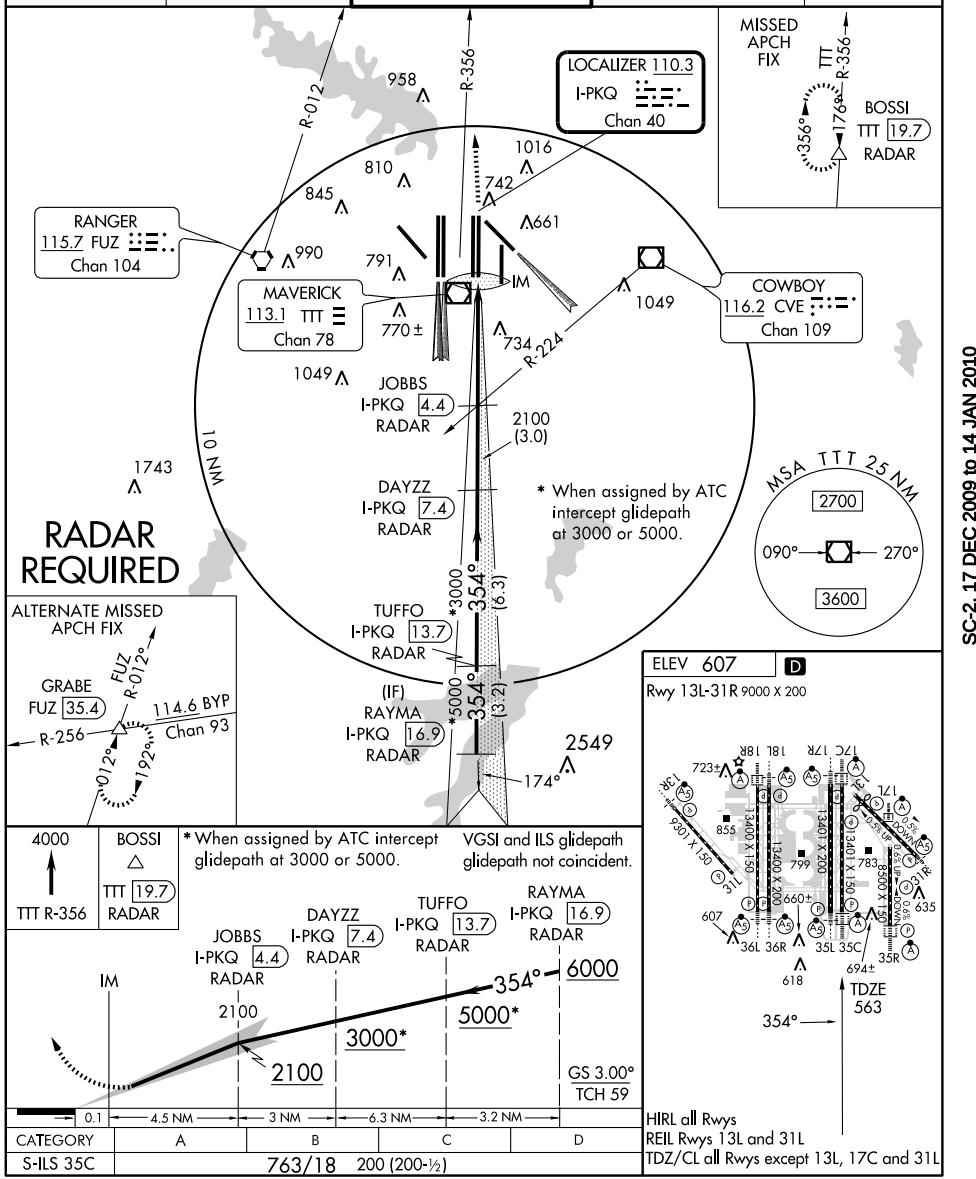
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 31R, 36L/R.

ALSF-2

MISSED APPROACH: Climb to 4000 via TTT R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



ELEV 607 D

Rwy 13L-31R 9000 X 200

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

CATEGORY	A	B	C	D
S-ILS 35C	763/18	200 (200-½)		

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-UWX	APP CRS	Rwy Idg 13401
111.35	354°	TDZE 564
Chan 50 (Y)		Apt Elev 607

CONVERGING ILS RWY 35L

DALLAS-FORT WORTH INTL (DFW)

DME or RADAR required. Simultaneous approach authorized with Rwy 31R, 36L/R.

MALSR

MISSED APPROACH: Climb to 4000 via TTT VOR/DME R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED

MISSED APCH FIX: TTT R-356, 176°–356°, BOSSI TTT 19.7 RADAR

ALTERNATE MISSED APCH FIX: GRABE FUZ 35.4, 012°–192°, FUZ R-012

TTT R-356

LOCALIZER 111.35 I-UWX Chan 50 (Y)

MAVERICK 113.1 TTT Chan 78

RANGER 115.7 FUZ Chan 104

10 NM

R-122

BEGGO INT I-UWX 5.1 RADAR

DALLN I-UWX 7.4 RADAR

CORMN I-UWX 13.7 RADAR

TANDE I-UWX 16.9 RADAR

(IF)

R-174

2549

* When assigned by ATC, intercept glidepath at 3000'.

2300 354° (2.4)

* 3000 (6.3)

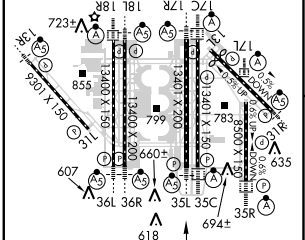
5000 (3.2)

354°

MSA TTT 25 NM: 2700, 090°–270°, 3600

ELEV 607 D

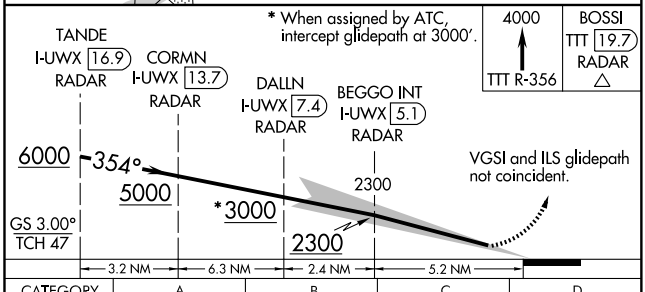
Rwy 13L-31R 9000 X 200



HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
S-ILS 35L	764/18	200 (200-½)		

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BXN	APP CRS	Rwy 36L ldg	13400
111.9	354°	TDZE	588
Chan 56		Apt Elev	607

CONVERGING ILS RWY 36L

DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 31R, 35L/C. DME or RADAR required.

MALSR

MISSED APPROACH: Climb to 1100, then climbing left turn to 5000 via heading 285° and TTT VOR/DME R-306 to KAGLE Int/TTT 34.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

MISSED APCH FIX
TTT R-306
CVE R-298
R-027
126°
306°
117.7 MQP Chan 124
KAGLE
TTT 34.4

LOCALIZER 111.9
I-BXN
Chan 56

RADAR REQUIRED

COWBOY
116.2 CVE
Chan 109

MAVERICK
113.1 TTT
Chan 78

BOBIN
I-BXN 5
RADAR

CHAAR
I-BXN 7.4
RADAR

HUTEN
I-BXN 13.7
RADAR

(IF) ALLIN
I-BXN 16.9
RADAR

MSA TTT 25 NM
2700
090° 270°
3600
10 NM

*3000 354° (6.3)
*3000 354° (3.2)
2300 (2.5)
174°

* When assigned by ATC, intercept glidepath at 3000.

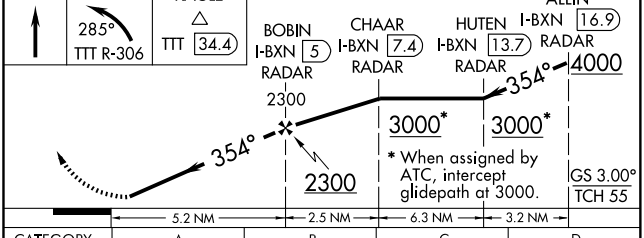
ALTERNATE MISSED APCH FIX
TTT R-306
R-027
CVE R-298
118°
298°
117.7 MQP Chan 124
KAGLE
CVE 39

ELEV 607 D
Rwy 13L-31R 9000 X 200

HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

1100 | 5000 285° TTT R-306 | KAGLE TTT 34.4

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 36L	788/18 200 (200-½)			

LOC/DME I-FJN	APP CRS	Rwy Idg 13400
110.55	354°	TDZE 581
Chan 42 (Y)		Apt Elev 607

CONVERGING ILS RWY 36R

DALLAS-FORT WORTH INTL (DFW)

T DME or RADAR required. Simultaneous approach authorized with Rwy 31R, 35L/C.

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 295° and TTT VOR/DME R-306 to KAGLE INT/TTT 34.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

MISSED APCH FIX KAGLE
TTT 34.4
CVE R-298
126°
306°
MQP R-027
TTT R-306

LOCALIZER 110.55
I-FJN
Chan 42 (Y)

ALTERNATE MISSED APCH FIX KAGLE
CVE 39
CVE R-298
118°
298°
MQP R-027
TTT R-306

958
810
845
R-306
1016
742
661
R-298
990
791
770±
734
1049
1049
R-027

MILLSAP
117.7 MQP
Chan 124

COWBOY
116.2 CVE
Chan 109

MAVERICK
113.1 TTT
Chan 78

10 NM

RADAR REQUIRED

BASIN
I-FJN 7.6
RADAR

2300
354° (2.4)

1743

* When assigned by ATC, intercept glidepath at 3000'.

TUTOO
I-FJN 10
RADAR

*3000
(6.3)

354°

KICKA
I-FJN 16.3
RADAR

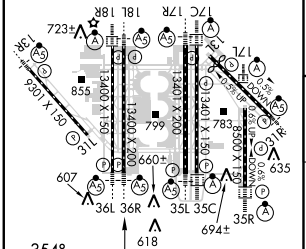
*3000
354° (3.2)

(IF)
SLOCO
I-FJN 19.5
RADAR

2549
2449
174°

MSA TTT 25 NM
2700
090° 270°
3600

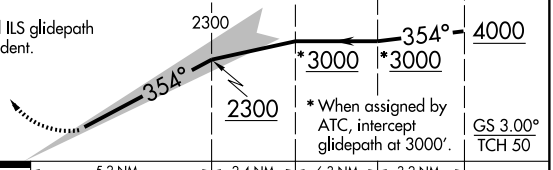
ELEV 607 D
Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

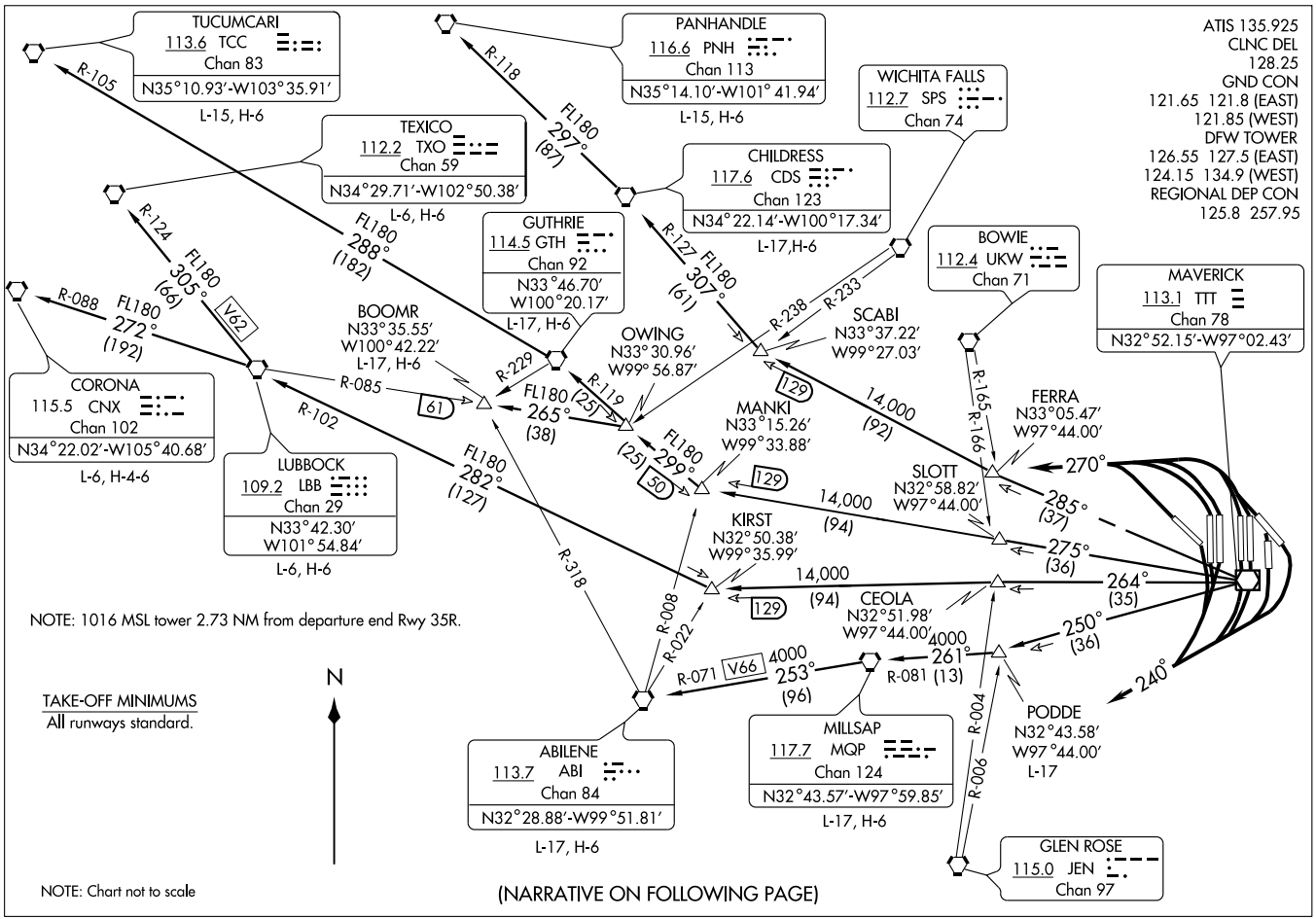
1000	5000	KAGLE
	HDG 295° TTT R-306	TTT 34.4

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 36R	781/18	200 (200-½)		

SC-2, 17 DEC 2009 to 14 JAN 2010



(CYUIE5.111) 08269 COYOTE FIVE DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

JETS

Expect the WORTH DEPARTURE

PROPS

TAKE-OFF RUNWAYS 13L/R, 17L/C/R, 18L/R: Fly heading 240°, expect vector to appropriate route. Thence . . . .
TAKE-OFF RUNWAYS 31L/R, 35L/C/R, 36L/R: Fly heading 270°, expect vector to appropriate route. Thence....
. . . . Maintain 2,000 feet and expect filed altitude 10 minutes after departure.
ABILENE TRANSITION (CYOTE5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.
PANHANDLE TRANSITION (CYOTE5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.
BOOMR TRANSITION (CYOTE5.BOOMR): (For aircraft inbound to Lubbock Terminal area.) From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-085 to BOOMR INT.
CHILDRESS TRANSITION (CYOTE5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.
CORONA TRANSITION (CYOTE5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.
GUTHRIE TRANSITION (CYOTE5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.
LUBBOCK TRANSITION (CYOTE5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, the via LBB R-102 to LBB VORTAC.
MILLSAP TRANSITION (CYOTE5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC
PODDE TRANSITION (CYOTE5.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
TEXICO TRANSITION (CYOTE5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.
TUCUMCARI TRANSITION (CYOTE5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

ATIS 135.925
CLNC DEL 128.25 348.6
GND CON
(EAST) 121.65 121.8
(WEST) 121.85
DFW TOWER
(EAST) 126.55 127.5
(WEST) 124.15 134.9
REGIONAL DEP CON
118.55 290.35

TAKE-OFF MINIMUMS:
Rwys 13R, 13L, 17C, 17L, 17R, 18L, 18R, 31L, 31R, 35C, 35L, 36L, 36R: Standard.
Rwy 35R: 200-1½ or Standard with minimum climb of 221′ per NM to 800, or alternatively, with Standard takeoff minimums and a normal 200′/NM climb gradient, takeoff must occur no later than 1,700′ prior to DER.

NOTE: For Jets requesting FL180 and above.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.39′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

ORTRO
N33°41.47′
W94°12.75′

055° (117) R-235

R-320

151

FL230 064° (75)

SULPHUR SPRINGS
109.0 SLR
Chan 27

R-244

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

FL200 077° (125) R-262

BONHAM
114.6 BYP
Chan 93

COBUG
N33°17.38′
W95°37.68′

5000 (38) 76

R-324

6500 064° (79)

QUITMAN
114.0 UIM
Chan 87
N32°52.82′-W95°22.01′
L-17, H-6

R-254

FL200 097° (206)

R-281

R-184

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SHERO
N33°04.49′
W95°33.78′

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26
L-18, H-6

005°

160°

R-182

5000 (39) 76

R-312

14000 072° (134)

064° (38)

074° (36)

R-181

SOLDO
N32°51.92′
W96°19.94′
L-17

5000 081° (49)

R-261

SHRLY
N32°44.60′
W94°18.17′

R-187

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

084° (36)

094° (36)

R-180

R-183

6000 (34)

94

10000 079° (44)

(25)

R-259

(25)

N

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

CLARE
N32°45.66′
W96°19.93′

71

POTEN
N32°39.33′
W95°40.03′

R-346

TEKBE
N32°42.80′
W94°47.73′

14000 111° (116)

R-291

SAWMILL
113.75 SWB
Chan 84
N31°58.39′
W92°40.63′
L-22, H-6

GREGG COUNTY
112.3 GGG
Chan 70

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DALLAS NINE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

PROPS

Expect WYLIE or HUBBARD DEPARTURE.

JETS

Jets requesting 17,000 and below expect GARLAND Departure. Unless otherwise advised, maintain 10,000 feet and expect filed altitude 10 minutes after departure. Maintain 240 KIAS until leaving 5,000 ft.

TAKE-OFF RUNWAYS 13L/R, 31L/R, 17L, 35R, 18L/R, 36L/R: Climb via assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAYS 17C/R: Climb via heading 160°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 35L/C: Climb via heading 005°, expect vector to appropriate route.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 31L: Multiple trees, 928' to 2034' from DER, 724' to 873' left of centerline, up to 32' AGL/654' MSL.
Rwy 35R: Multiple Buildings beginning 5443' from DER, 202' right of centerline, up to 173' AGL/714'MSL.

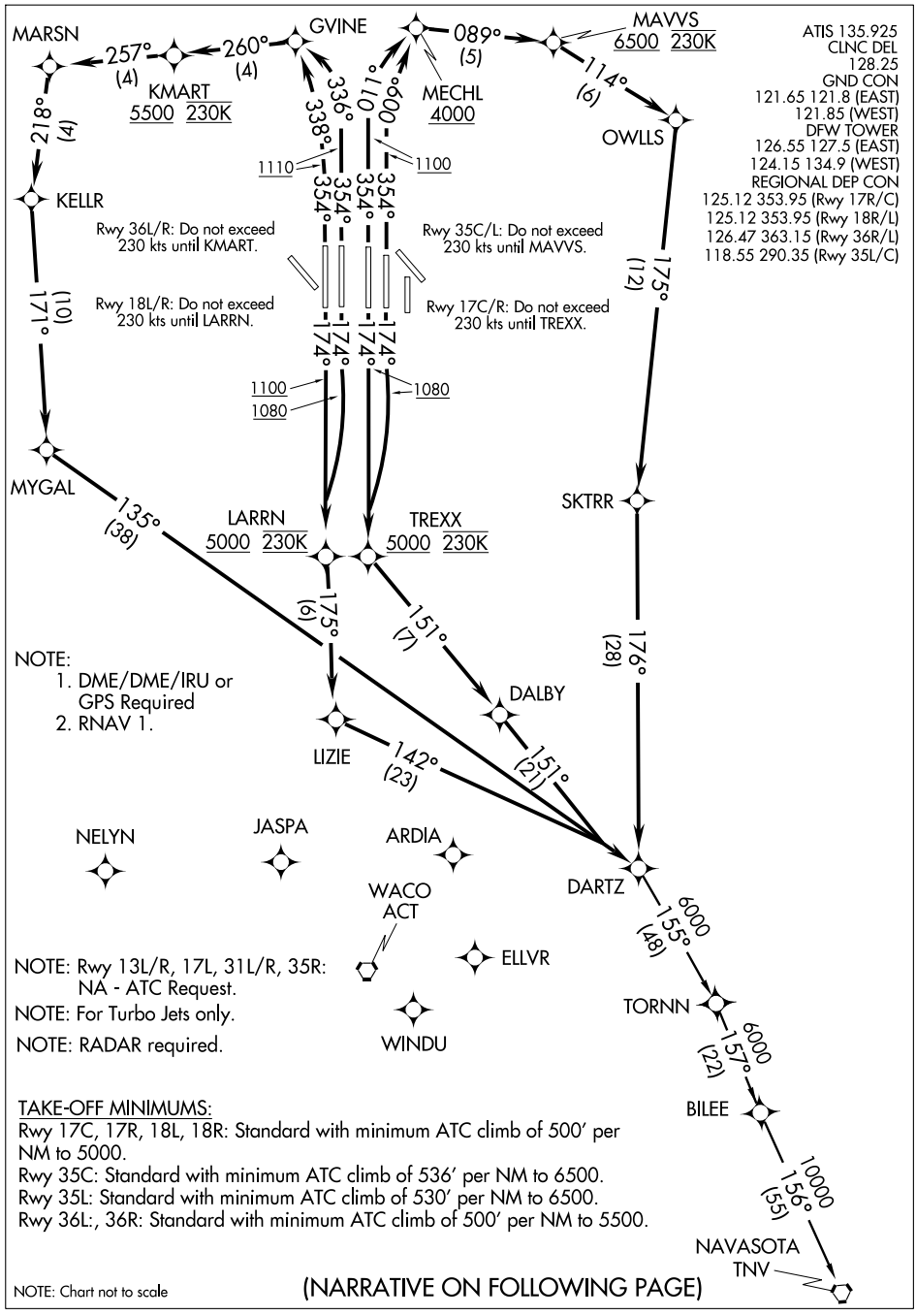
SC-2, 17 DEC 2009 to 14 JAN 2010

DARTZ TWO DEPARTURE (RNAV)

DALLAS FORT WORTH INTL (DFW)

SL-6039 (FAA)

DALLAS-FORT WORTH, TEXAS



TAKE-OFF MINIMUMS:

Rwy 17C, 17R, 18L, 18R: Standard with minimum ATC climb of 500′ per NM to 5000.

Rwy 35C: Standard with minimum ATC climb of 536′ per NM to 6500.

Rwy 35L: Standard with minimum ATC climb of 530′ per NM to 6500.

Rwy 36L:, 36R: Standard with minimum ATC climb of 500′ per NM to 5500.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

SC-2, 17 DEC 2009 to 14 JAN 2010

DARTZ TWO DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

PROPS

File and expect KEENE or TRI-GATE DP.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then direct TREXX WP, cross TREXX at or above 5000, then via depicted route to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to 1080, then right turn direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to 1100, then direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS, cross MAVVS WP at or above 6500, then via depicted route to DARTZ WP, Thence . . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE WP, then via 260° track to KMART WP, cross KMART WP at or above 5500, then via depicted route DARTZ WP, Thence . . . .

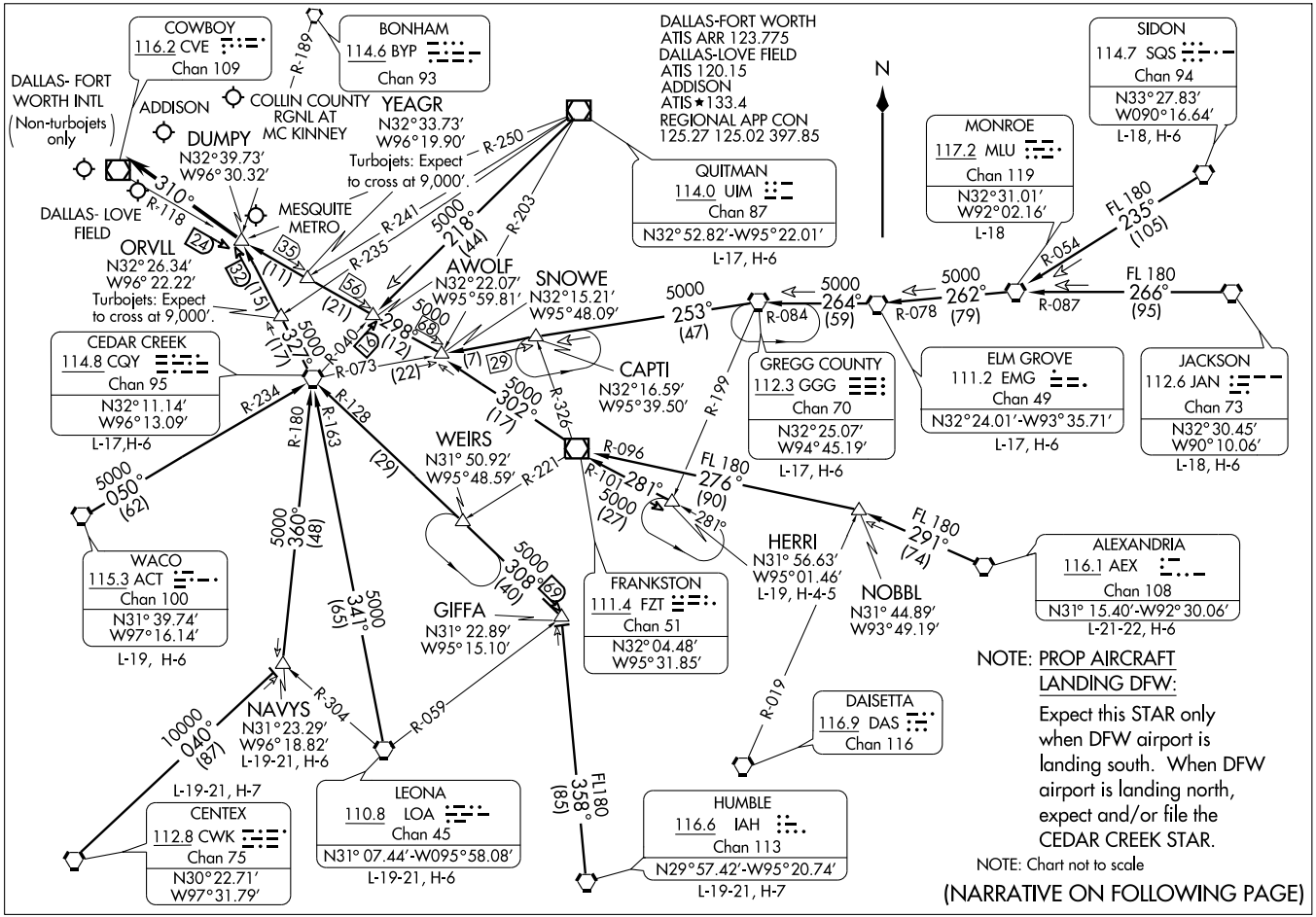
TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE WP, then via 260° track to KMART, cross KMART WP at or above 5500, the via depicted route to DARTZ WP, Thence . . . .

. . . . via (transition). Maintain 10,000. Expect filed altitude within 10 minutes after departure.

TORNN TRANSITION (DARTZ2.TORNN): (For aircraft landing Lafayette, Lake Charles or Beaumont/Port Arthur airports)

BILEE TRANSITION (DARTZ2.BILEE): (For aircraft overflying the Bilee intersection, thence via the appropriate STAR to George Bush Intercontinental or Eastern Houston terminal airports.)

NAVASOTA TRANSITION (DARTZ2.TNV)


DUMPY THREE ARRIVAL
(DUMPY.DUMPY3) 09351
ST-6039 (FAA)
DALLAS-FT. WORTH, TEXAS
COWBOY
116.2 CVE
Chan 109
BONHAM
114.6 BYP
Chan 93
R-189
DALLAS-FORT WORTH
ATIS ARR 123.775
DALLAS-LOVE FIELD
ATIS 120.15
ADDISON
ATIS ★133.4
REGIONAL APP CON
125.27 125.02 397.85
N
SIDON
114.7 SQS
Chan 94
N33°27.83'
W090°16.64'
L-18, H-6
DALLAS- FORT
WORTH INTL
(Non-turbojets
only)
ADDISON
COLLIN COUNTY
RGNL AT
MC KINNEY
YEAGR
N32°33.73'
W96°19.90'
DUMPY
N32°39.73'
W96°30.32'
Turbojets: Expect
to cross at 9,000'.
R-250
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01'
W92°02.16'
L-18
FL 180
235°
(105)
R-054
310°
R-118
DALLAS- LOVE
FIELD
MESQUITE
METRO
ORVLL
N32°26.34'
W96° 22.22'
Turbojets: Expect
to cross at 9,000'.
5000
218°
(44)
R-241
R-235
R-203
AWOLF
N32°22.07'
W95°59.81'
SNOWE
N32°15.21'
W95°48.09'
5000
253°
(47)
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14'
W96°13.09'
L-17,H-6
R-040
R-073
5000
298°
(12)
5000
322°
(17)
CAPTI
N32°16.59'
W95°39.50'
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'
W94°45.19'
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93° 35.71'
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45'
W90°10.06'
L-18, H-6
R-234
R-180
R-163
R-128
R-326
R-199
5000
302°
(17)
WEIRS
N31° 50.92'
W95°48.59'
R-096
R-221
R-101
5000
281°
(27)
FL 180
276°
(90)
5000
050°
(62)
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
281°
FL 180
291°
(74)
HERRI
N31° 56.63'
W95°01.46'
L-19, H-4-5
NOBBL
N31° 44.89'
W93°49.19'
ALEXANDRIA
116.1 AEX
Chan 108
N31° 15.40'-W92° 30.06'
L-21-22, H-6
WACO
115.3 ACT
Chan 100
N31° 39.74'
W97°16.14'
L-19, H-6
GIFFA
N31° 22.89'
W95°15.10'
FRANKSTON
111.4 FZT
Chan 51
N32° 04.48'
W95° 31.85'
NOTE: PROP AIRCRAFT
LANDING DFW:
Expect this STAR only
when DFW airport is
landing south. When DFW
airport is landing north,
expect and/or file the
CEDAR CREEK STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
10000
040°
(87)
NAVYS
N31°23.29'
W96°18.82'
L-19-21, H-6
L-19-21, H-7
R-304
R-059
R-019
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
LEONA
110.8 LOA
Chan 45
N31° 07.44'-W095°58.08'
L-19-21, H-6
FL180
358°
(85)
HUMBLE
116.6 IAH
Chan 113
N29°57.42'-W95°20.74'
L-19-21, H-7

DUMPY THREE ARRIVAL

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DUMPY3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

CEDAR CREEK TRANSITION (CQY.DUMPY3): From over CQY VORTAC via CQY R-327 to DUMPY INT. Thence....

CENTEX TRANSITION (CWK.DUMPY3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC , then via CQY R-327 to DUMPY INT. Thence . . . .

ELM GROVE TRANSITION (EMG.DUMPY3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

GREGG COUNTY TRANSITION (GGG.DUMPY3): From over GGG VORTAC via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HERRI TRANSITION (HERRI.DUMPY3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HUMBLE TRANSITION (IAH.DUMPY3): From over IAH VORTAC via IAH R-358 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

JACKSON TRANSITION (JAN.DUMPY3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

LEONA TRANSITION (LOA.DUMPY3): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-327 to DUMPY INT.

MONROE TRANSITION (MLU.DUMPY3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

NAVYS TRANSITION (NAVYS.DUMPY3): From over NAVYS INT via CQY R-180 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

QUITMAN TRANSITION (UIM.DUMPY3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to AWOLF INT, then via CVE R-118 to DUMPY INT. Thence . . . .

SIDON TRANSITION (SQS.DUMPY3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

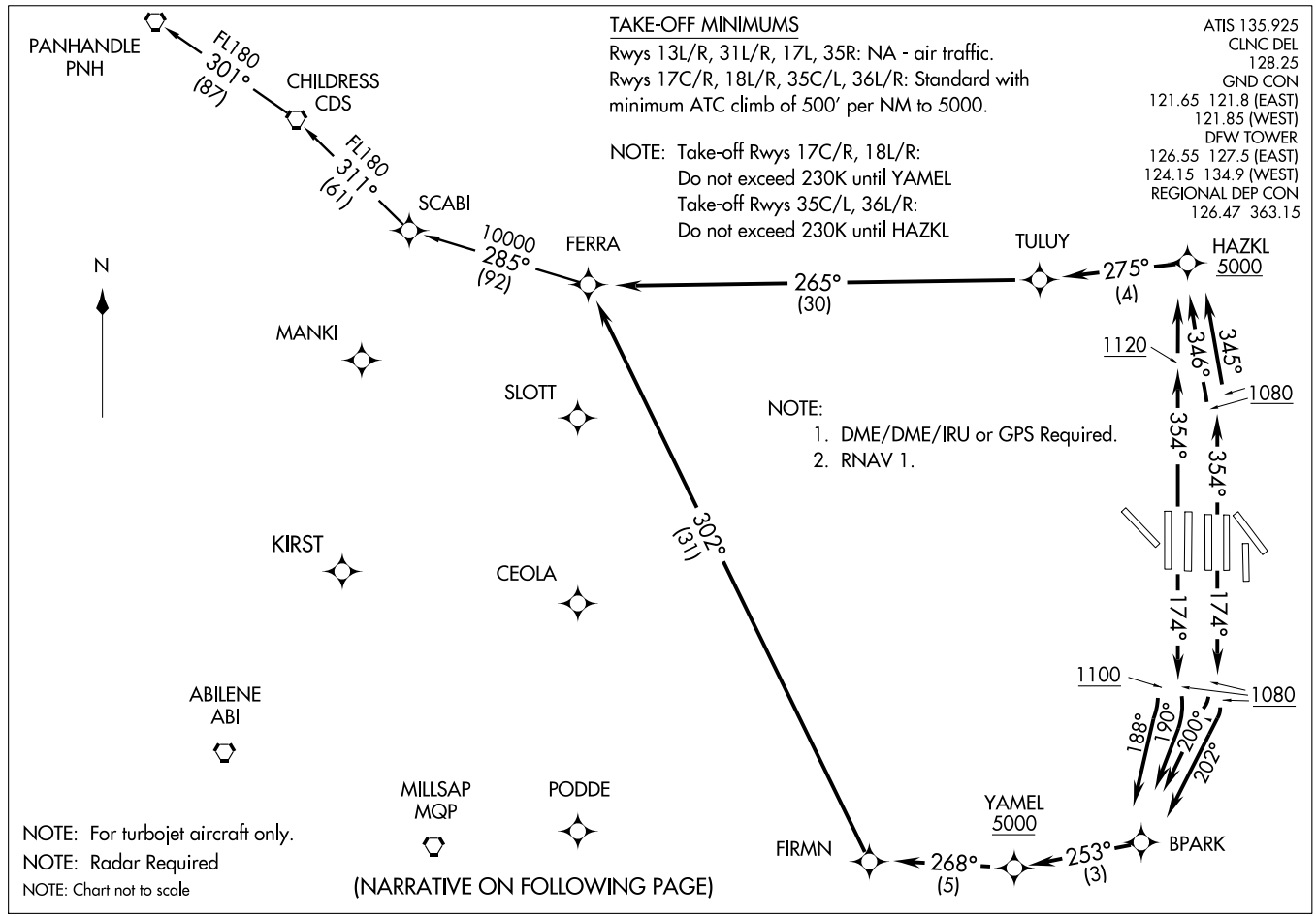
WACO TRANSITION (ACT.DUMPY3): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

. . . . From over DUMPY INT.

LANDING SOUTH: Depart DUMPY INT heading 310° for vectors to final approach course.

LANDING NORTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(FERRA2.FERRA) 08045

FERRA TWO DEPARTURE (RNAV)

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT KINGDOM OR COYOTE DEPARTURE

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 202° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 200° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 190° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 188° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1080, then via 345° course to HAZKL, cross HAZKL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1080, then via 346° course to HAZKL, cross HAZKL at or above 5000, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120, then direct HAZKL, cross HAZKL at or above 5000, then via 275° track to TULUY, then via depicted route to FERRA. Thence....
TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120, then direct HAZKL, cross HAZKL at or above 5000, then via 275° track to TULUY, then via depicted route to FERRA. Thence....

. . . . via (transition). Maintain 10,000 feet, expect filed altitude ten minutes after departure.

CHILDRESS TRANSITION (FERRA2.CDS)

PANHANDLE TRANSITION (FERRA2.PNH)

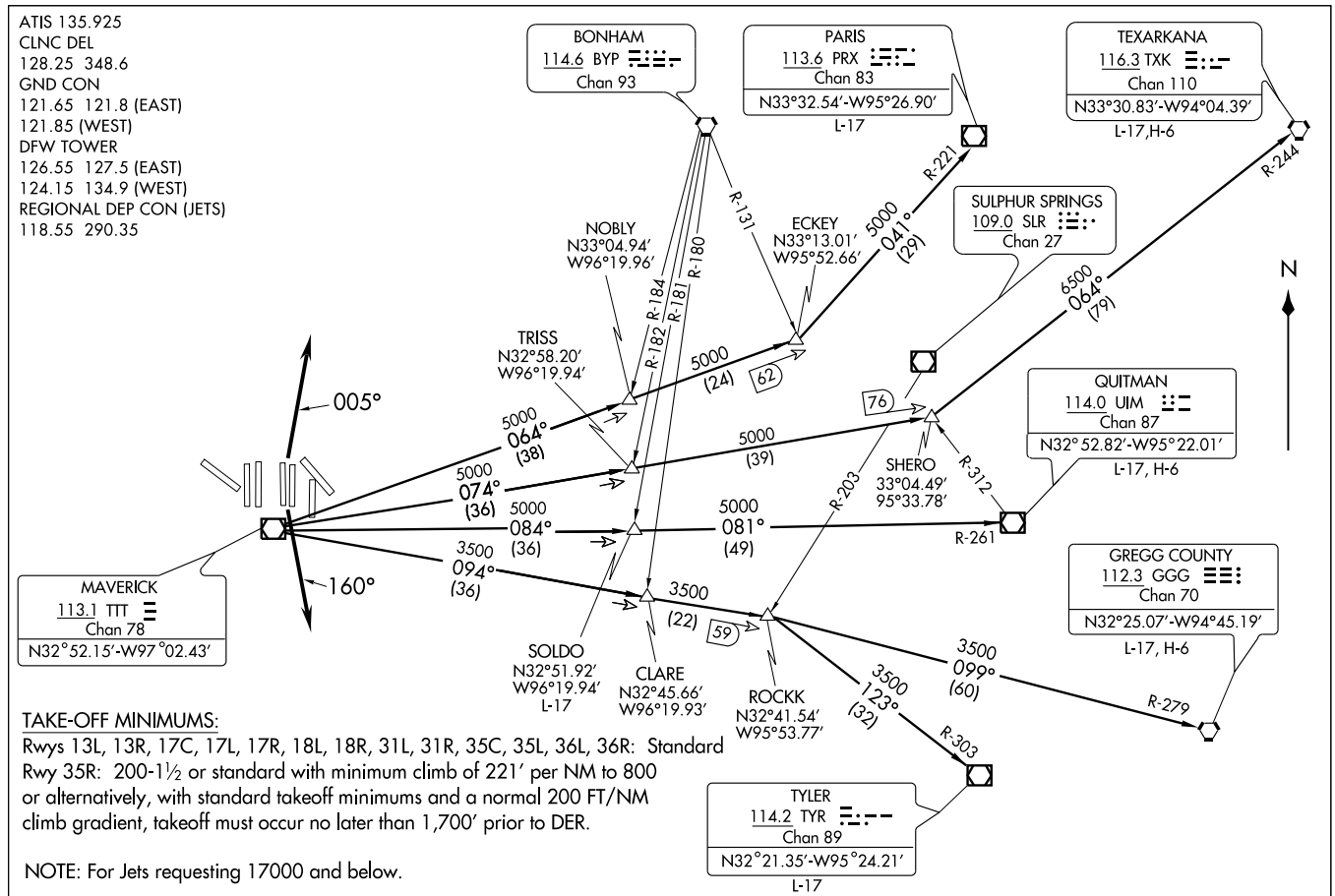
SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS



DEPARTURE ROUTE DESCRIPTION

PROPS

Expect WYLIE or HUBBARD Departure.

JETS

UNLESS OTHERWISE ADVISED, MAINTAIN 10,000' AND
EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.
MAINTAIN 240 KIAS UNTIL LEAVING 5,000'.

TAKE-OFF RUNWAY 13L/R, 17L, 18L/R, 31L/R, 35R, 36L/R:
Fly assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAY 17C/R: Climb via heading 160°, expect vector to appropriate route.
TAKE-OFF RUNWAY 35C/L: Climb via heading 005°, expect vector to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

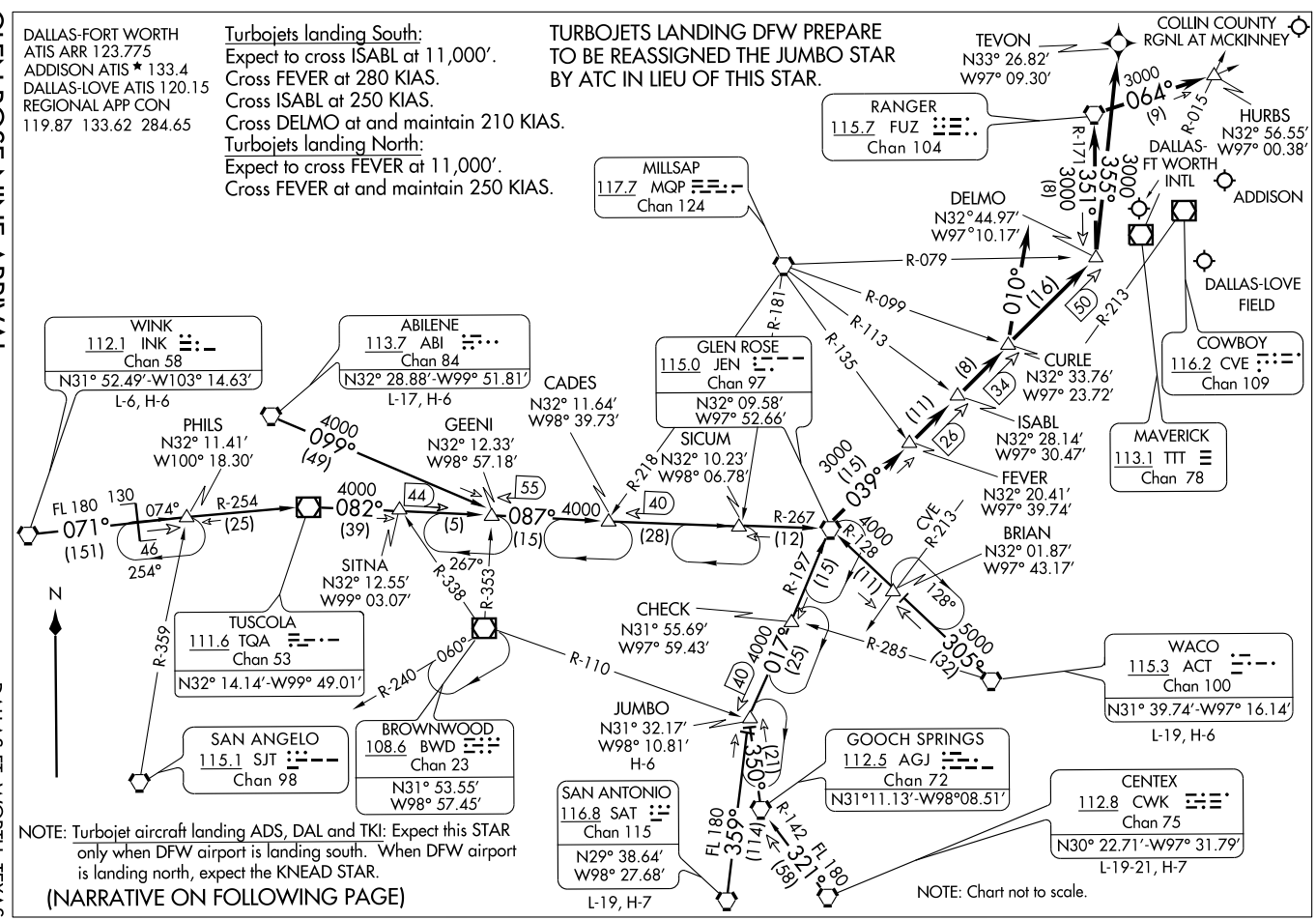
TAKE-OFF OBSTACLES:
Rwy 31L: Multiple trees, 928' to 2034' from DER, 724' to 873' left of centerline, up to 32' AGL/654' MSL.
Rwy 35R: Multiple Buildings beginning 5443' from DER, 202' right of centerline, up to 173' AGL/714'MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH
ATIS ARR 123.775
ADDISON ATIS ★ 133.4
DALLAS-LOVE ATIS 120.15
REGIONAL APP CON
119.87 133.62 284.65

Turbojets landing South:
Expect to cross ISABL at 11,000′.
Cross FEVER at 280 KIAS.
Cross ISABL at 250 KIAS.
Cross DELMO at and maintain 210 KIAS.
Turbojets landing North:
Expect to cross FEVER at 11,000′.
Cross FEVER at and maintain 250 KIAS.

TURBOJETS LANDING DFW PREPARE TO BE REASSIGNED THE JUMBO STAR BY ATC IN LIEU OF THIS STAR.



NOTE: Turbojet aircraft landing ADS, DAL and TKI: Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the KNEAD STAR.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.JEN9): From over ABI VORTAC via R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

CENTEX TRANSITION (CWK.JEN9): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

JUMBO TRANSITION (JUMBO.JEN9): From over JUMBO INT via JEN R-197 to JEN VORTAC. Thence . . . .

SAN ANTONIO TRANSITION (SAT.JEN9): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC. Thence . . . .

WACO TRANSITION (ACT.JEN9): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC. Thence. . . .

WINK TRANSITION (INK.JEN9): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC. Thence. . . .

. . . . ALL AIRCRAFT: From over JEN VORTAC via JEN R-039, thence . . . .

ALL AIRCRAFT LANDING NORTH: To CURLE INT, expect vectors to final approach course.

JETS LANDING SOUTH: To DELMO, depart DELMO heading 355°.

For /E, /F, /G and /R (RNP 2.0) EQUIPMENT SUFFIXED AIRCRAFT: From over DELMO WP direct TEVON WP, expect vector to final approach course prior to TEVON WP. If not received by TEVON fly present heading.

NON TURBOJETS LANDING SOUTH: To CURLE INT, depart CURLE heading 010° for vectors to final approach course.

AIRCRAFT LANDING DAL, ADS, TKI: To DELMO INT, depart DELMO via FUZ R-171 to FUZ VORTAC then FUZ R-064 to HURBS INT, expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

(GRABE2.GRABE) 08045 SL-6039 (FAA)

GRABE TWO DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

ATIS 135.925
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
CLNC DEL 128.25
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (RWY 17R/C)
126.47 363.15 (RWY 18L/R)
125.12 353.95 (RWYS 35L/C AND 36L/R)

TAKEOFF MINIMUMS:
Rwys 13L/R, 31L/R, 17L, 35R: NA - air traffic
Rwys 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R: Standard with a minimum ATC climb of 500' per NM to 5000. (Air traffic)

NOTE:
1. DME/DME/IRU or GPS Required.
2. RNAV 1.

OKMULGEE
OKM
11,000
018° (90)
ZEMMA
EAKER
ARDMORE
ADM
TIKYS
9000
012° (55)
AKUNA
LOWGN
BLECO
GRABE
NOTE:
Rwys 17R/C: do not exceed 230K until JGIRL.
Rwys 18L/R: do not exceed 230K until YAMEL.
Rwys 35L/C: do not exceed 230K until CUZEN.
Rwys 36L/R: do not exceed 230K until HAZKL.
NOTE: RADAR required.
NOTE: For use by turbojet aircraft only.
010° (19)
002° (23)
RYNNE
347° (5)
025° (31)
CUZEN
5000
HAZKL
5000
339° (29)
BEMMR
1120
1080
CMORE
355° (10)
354°
354°
354° (8)
174°
174°
BIGGD
1100
1080
BINGM
188°
190°
153°
155°
JGIRL
5000
010° (6)
YAMEL
5000
332° (4)
105° (3)
082° (5)
268° (5)
253° (3)
BPARK
NAVYE
CORTS
FIRMN

NOTE: Chart not to scale.

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT JACKY OR TRI-GATE DEPARTURE PROCEDURE.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 190° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 188° course to BPARK, then via 253° track to YAMEL, cross YAMEL at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN, cross CUZEN at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN, cross CUZEN at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120, then direct HAZKL, cross HAZKL at or above 5000, then via depicted route to GRABE. Thence. . . .
TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120, then left turn direct HAZKL, cross HAZKL at or above 5000, then via depicted route to GRABE. Thence. . . .

. . . . via (transition). Maintain 10,000', expect filed altitude ten minutes after departure.

EAKER TRANSITION (GRABE2.EAKER): (For aircraft inbound to the TUL Terminal Area).
OKMULGEE TRANSITION (GRABE2.OKM): (For all aircraft overflying the OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago Terminal and north).

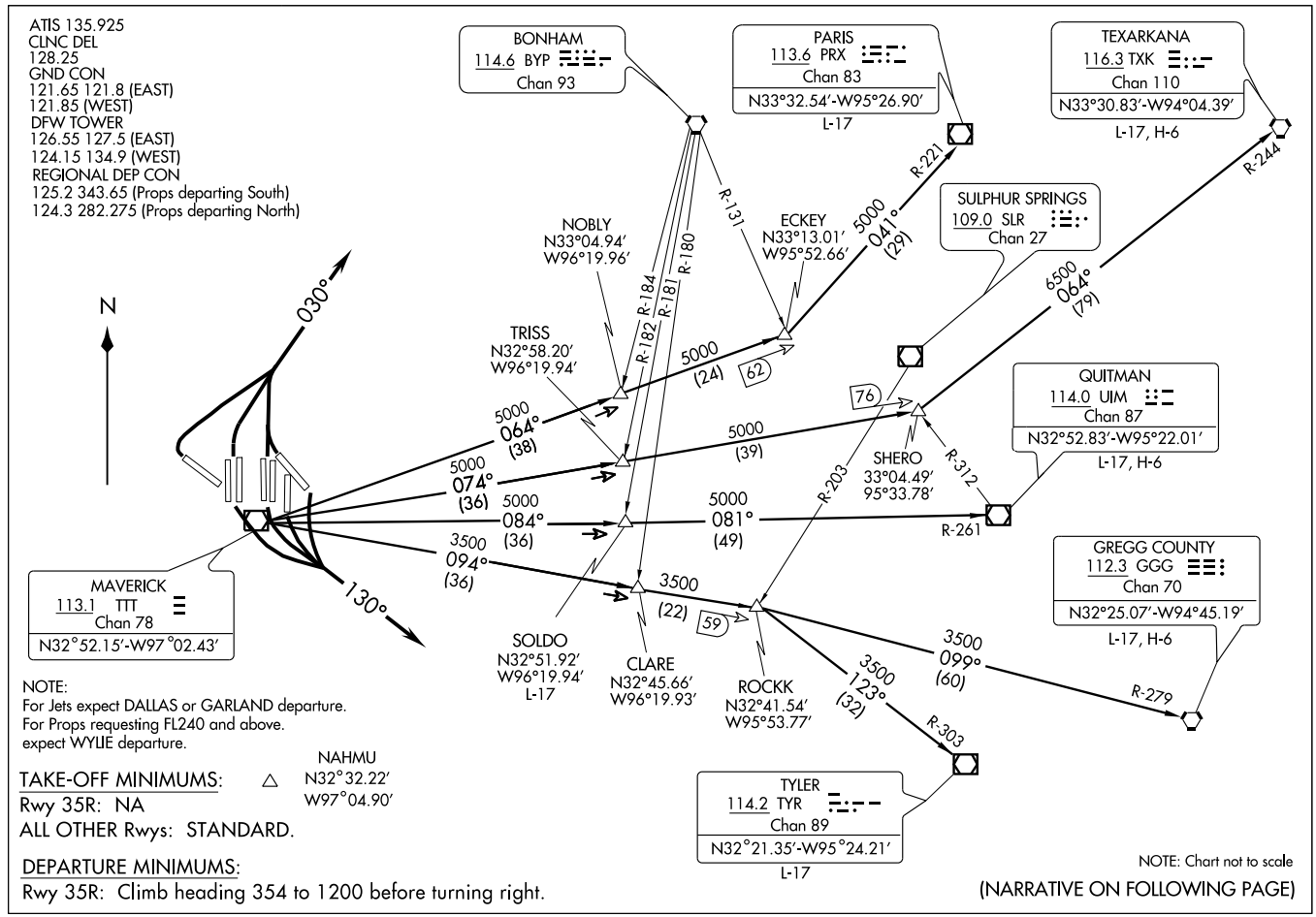
SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS



NOTE:
For Jets expect DALLAS or GARLAND departure.
For Props requesting FL240 and above.
expect WYLIE departure.

TAKE-OFF MINIMUMS:
Rwy 35R: NA
ALL OTHER Rwys: STANDARD.

DEPARTURE MINIMUMS:
Rwy 35R: Climb heading 354 to 1200 before turning right.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

JETS

Expect DALLAS or GARLAND Departure.

PROPS

Requesting FL240 and above expect WYLIE Departure.

TAKE-OFF RUNWAY 13L: Climb heading 130°, expect vector to appropriate route, Thence. . . .
TAKE-OFF RUNWAYS 13R, 17L/C/R, 18L/R: Fly heading 130°, expect vector to appropriate route, Thence. . . .
TAKE-OFF RUNWAYS 31L/R, 35L/C, 36L/R: Fly heading 030°, expect vector to appropriate route, Thence. . . .

. . . . Maintain 2000′ or as assigned by ATC, expect filed altitude 10 minutes after departure.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES
Rwy 31L: Tree, 1229′ from DER, 730′ right of centerline, 28′ AGL/637′MSL.
Trmsn Pole, 3403′ from DER, 1399′ right of centerline, 86′ AGL/708′ MSL.
Multiple Trees beginning 928′ from DER, 724′ left of centerline, up to 55′ AGL/654′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME	APP CRS	Rwy Idg	TDZE	Apt Elev
I-LWN 109.5 Chan 32	133°	9301	591	607

ILS or LOC RWY 13R

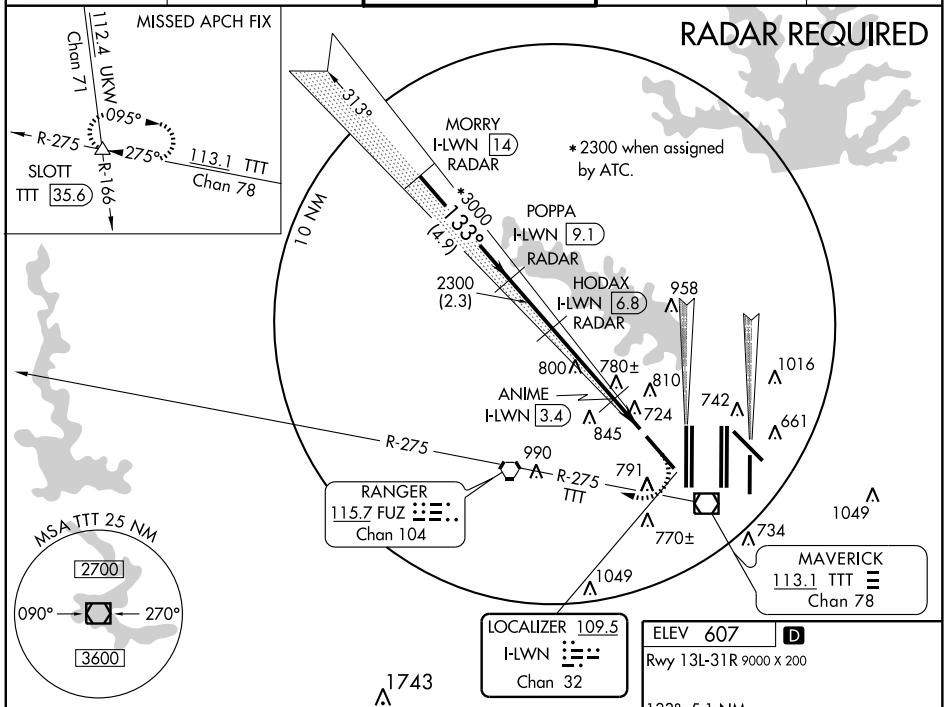
DALLAS-FORT WORTH INTL (DFW)

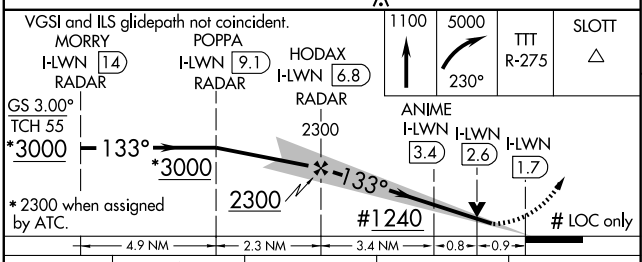
** DME or RADAR required.

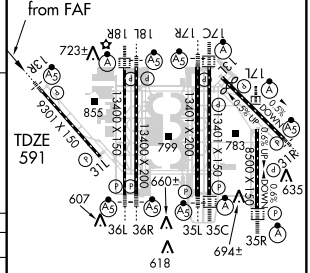
MALSR

MISSED APPROACH: Climb to 1100, then climbing right turn to 5000 via heading 230° and TTT R-275 to SLOTT Int/TTT 35.6 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.1 133.15	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







CATEGORY	A	B	C	D
S-ILS 13R	791/18 200 (200-½)			
S-LOC 13R**	1240/24 649 (700-½)		1240/60 649 (700-1¼)	1240-1½ 649 (700-1½)
ANIME FIX MINIMUMS				
S-LOC 13R	960/24 369 (400-½)			960/40 369 (400-¾)

HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-FLQ	APP CRS	Rwy 17C Idg	TDZE	Apt Elev	Rwy 17R Idg	TDZE	Apt Elev
110.3 Chan 40	174°	13401	562	607	13401	567	607

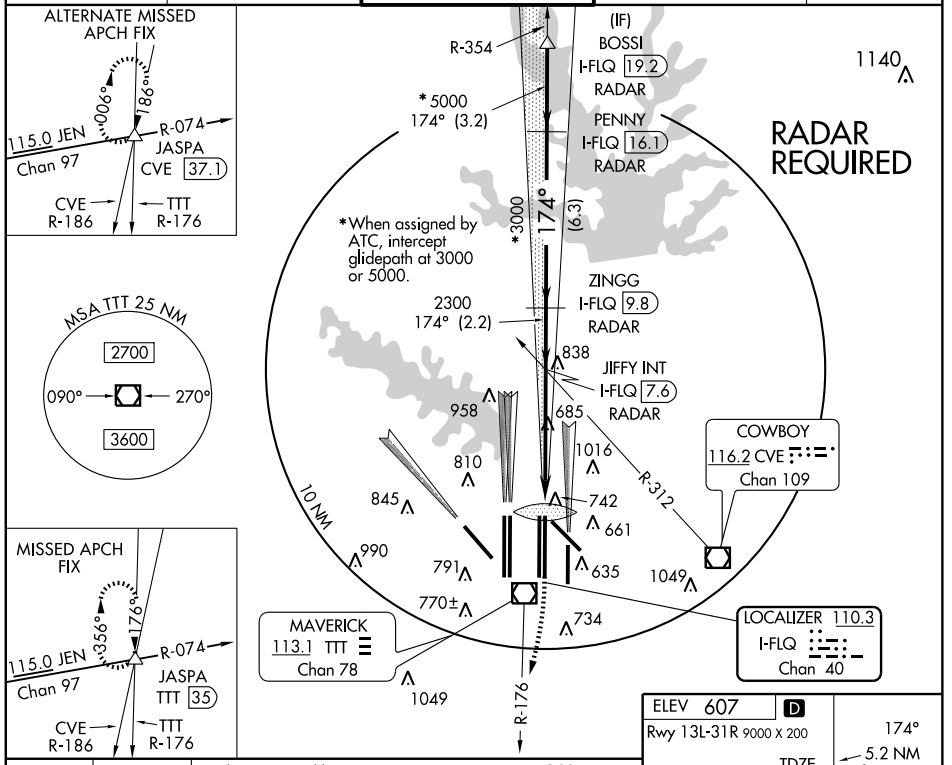
ILS or LOC RWY 17C
DALLAS-FORT WORTH INTL (DFW)

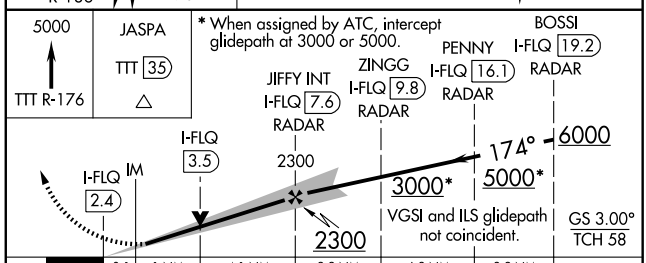
Simultaneous approach authorized with Rwy 17L, 18L/18R. Inoperative table does not apply to sidestep 17R Cats A and B. LOC procedure NA during simultaneous operations. DME or RADAR required.

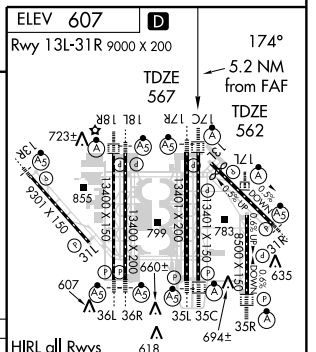
Rwy 17C ALSF-2 (A) Rwy 17R MALSR (A5)

MISSED APPROACH: Climb to 5000 via TTT VOR/DME R-176 to JASPA Int/TTT 35 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D
S-ILS 17C	762/18 200 (200-½)			
S-LOC 17C	1000/24 438 (500-½)		1000/40 438 (500-¾)	1000/50 438 (500-1)
SIDESTEP 17R	1140-1 573 (600-1)			1140-1½ 573 (600-1½)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PPZ	APP CRS	Rwy Idg	8500
111.75	174°	TDZE	545
Chan 54 (Y)		Apt Elev	607

ILS or LOC RWY 17L
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 17 C/R, 18 L/R. LOC procedure NA during simultaneous operations. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 100° and CVE VOR/DME R-125 to BACKS Int/32 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	119.4	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED

MSA TTT 25 NM
2700
090° 270°
3600

R-354°

(IF)
RIVET
I-PPZ 19.5
RADAR

*5000
174°
(3.2)

DRAAK
I-PPZ 16.3
RADAR

*3000
174°
(6.3)

* When assigned by ATC, intercept glidepath at 3000 or 5000.

INWOD
I-PPZ 10
RADAR

2300
174°
(3.1)

GBUSH INT
I-PPZ 6.9
RADAR

1548

958
1016
726
742
661
635
1049
734
770±
791
845
R-050
810
990
10 NM
100°
R-125

COWBOY
116.2 CVE
Chan 109

RANGER
115.7 FUZ
Chan 104

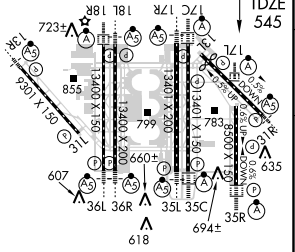
MAVERICK
113.1 TTT
Chan 78

LOCALIZER 111.75
I-PPZ
Chan 54(Y)

ALTERNATE MISSED APCH FIX
BACKS
TTT 36.8
R-116
116°
114.0 UIM
Chan 87
R-241
296°
113.1 TTT
Chan 78

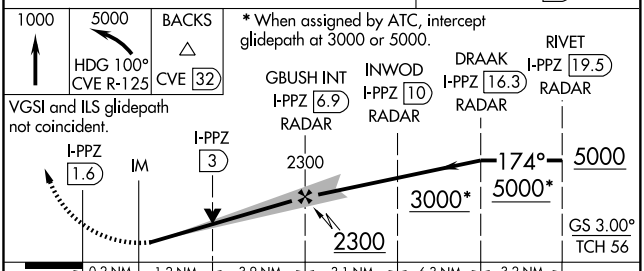
MISSED APCH FIX
116.2 CVE
Chan 109
125°
114.0 UIM
Chan 87
R-241
305°
R-125
BACKS
CVE 32

ELEV 607 D
Rwy 13L-31R 9000 X 200
174° 5.3 NM from FAF
TDZE 545



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46



CATEGORY	A	B	C	D
S-ILS 17L	745/18 200 (200-½)			
S-LOC 17L	1040/24 495 (500-½)		1040/40 495 (500-¾)	1040/50 495 (500-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-JHZ	APP CRS	Rwy 17R Idg	TDZE	Apt Elev	Rwy 17C Idg	TDZE	Apt Elev
111.35 Chan 50 (Y)	174°	13401	567	607	13401	562	607

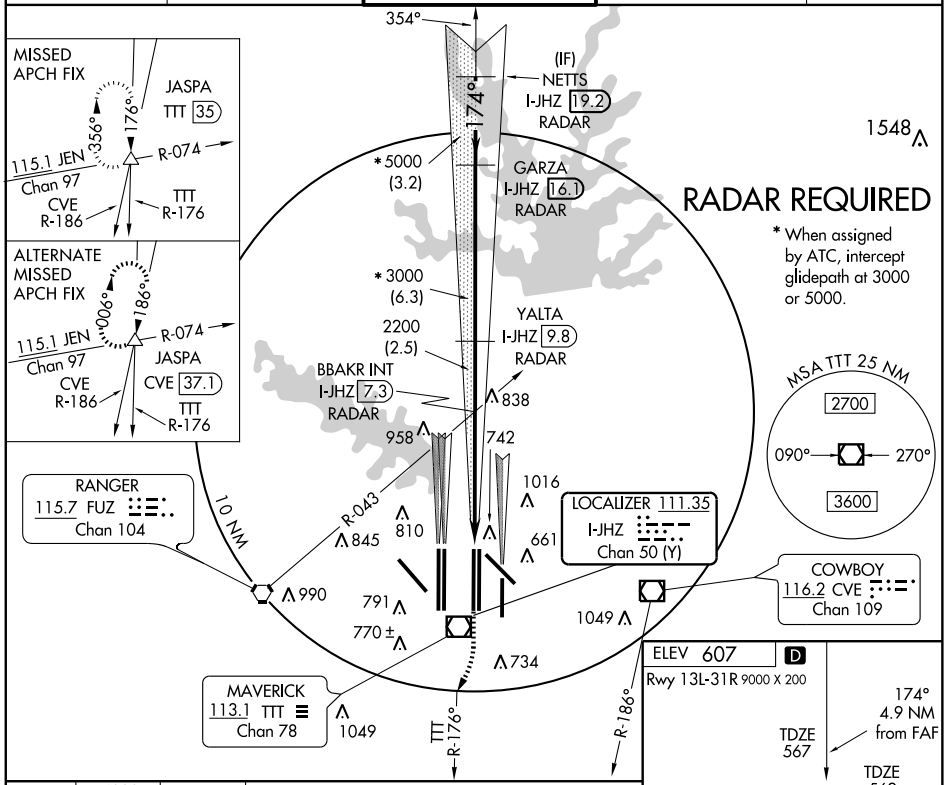
ILS or LOC RWY 17R
DALLAS-FORT WORTH INTL (DFW)

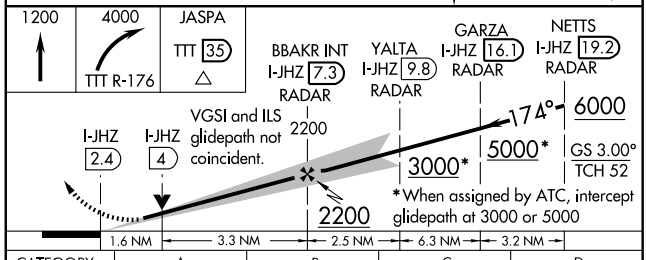
T Simultaneous approach authorized with Rwy 17L and 18L/R. Inoperative table does not apply to sidestep Rwy 17C. DME or RADAR required. LOC procedure NA during simultaneous operations.

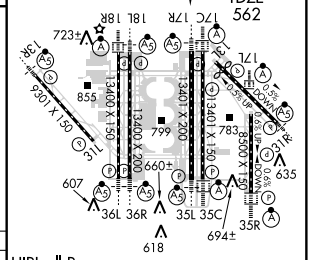
Rwy 17R MALSR (A5) Rwy 17C ALSF-2 (A)

MISSED APPROACH: Climb to 1200 then climbing right turn to 4000 via TTT R-176 to JASPA Int/TTT 35 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







CATEGORY	A	B	C	D
S-ILS 17R	767/18 200 (200-½)			
S-LOC 17R	1140/24 573 (600-½)		1140/50 573 (600-1)	1140/60 573 (600-1¼)
SIDESTEP 17C	1140-1 578 (600-1)		1140-1½ 578 (600-1½)	1140-2 578 (600-2)

HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-CIX	APP CRS	Rwy 18L Idg	TDZE	Apt Elev	Rwy 18R Idg	TDZE	Apt Elev
110.55 Chan 42 (Y)	174°	13400	602	607	13400	603	607

ILS or LOC RWY 18L
DALLAS-FORT WORTH INTL (DFW)

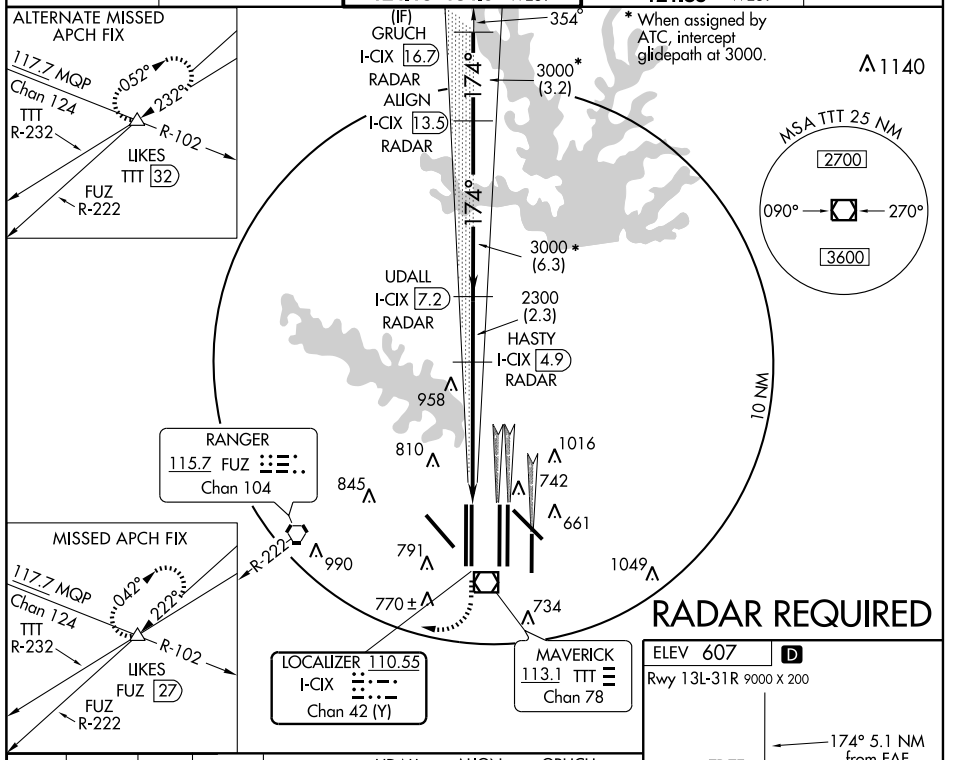
Simultaneous approach authorized with ILS Rwy 17L and 17C/R. Inoperative table does not apply to Sidestep 18R Cat A/B. DME or RADAR required. LOC procedure NA during simultaneous operations.

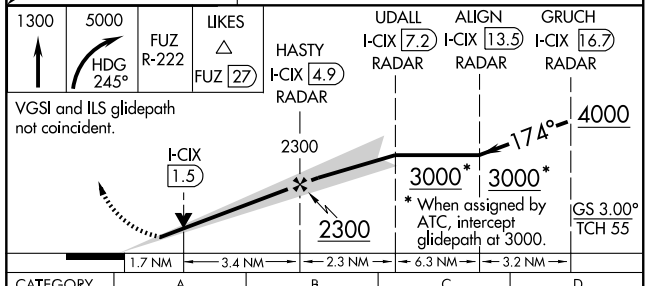
Rwy 18L MALSR (A5)

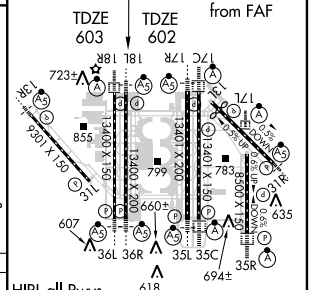
Rwy 18R ALSF-2 (A)

MISSED APPROACH: Climb to 1300, then climbing right turn to 5000 via heading 245° and FUZ R-222 to LIKES Int/FUZ 27 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

CATEGORY	A	B	C	D
S-ILS 18L	802/18		200 (200-½)	
S-LOC 18L	1220/24	618 (700-½)	1220/60 618 (700-1¼)	1220-1½ 618 (700-1½)
SIDESTEP 18R	1220-1	617 (700-1)	1220-1½ 617 (700-1½)	1220-2 617 (700-2)

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-VYN	APP CRS	Rwy 18R ldg	13400	Rwy 18L ldg	13400
111.9 Chan 56	174°	TDZE	607	TDZE	602
		Apt Elev	607	Apt Elev	607

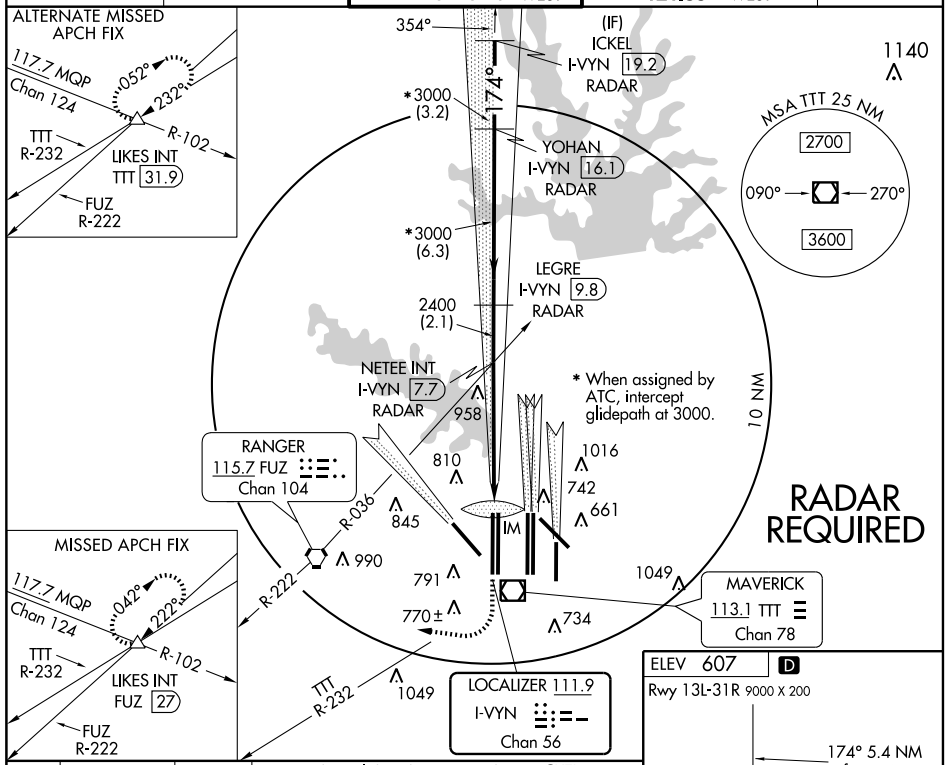
ILS or LOC RWY 18R
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approaches authorized with Rwy 17R, 17L/C. Inoperative table does not apply to Sidestep 18L Cats A and B. DME or RADAR required.
LOC procedure NA during simultaneous operations.

Rwy 18R ALSF-2 (A) | Rwy 18L MALSR (A5)

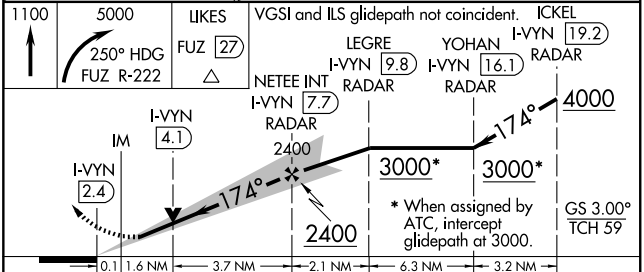
MISSED APPROACH: Climb to 1100 then climbing right turn to 5000 via heading 250° and FUZ VORTAC R-222 to LIKES INT/ 27 DME and hold.

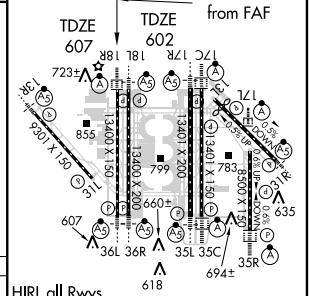
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



1100	5000	LIKES
	250° HDG FUZ R-222	FUZ 27

VGSI and ILS glidepath not coincident.





CATEGORY	A	B	C	D
S-ILS 18R		807/18	200 (200-½)	
S-LOC 18R	1220/24	613 (700-½)	1220/60 613 (700-1¼)	1220-1½ 613 (700-1½)
SIDESTEP 18L	1220-1	618 (700-1)	1220-1¼ 618 (700-1¼)	1220-1½ 618 (700-1½)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-RRA	APP CRS	Rwy Idg	8375
110.9	309°	TDZE	523
Chan 46		Apt Elev	607

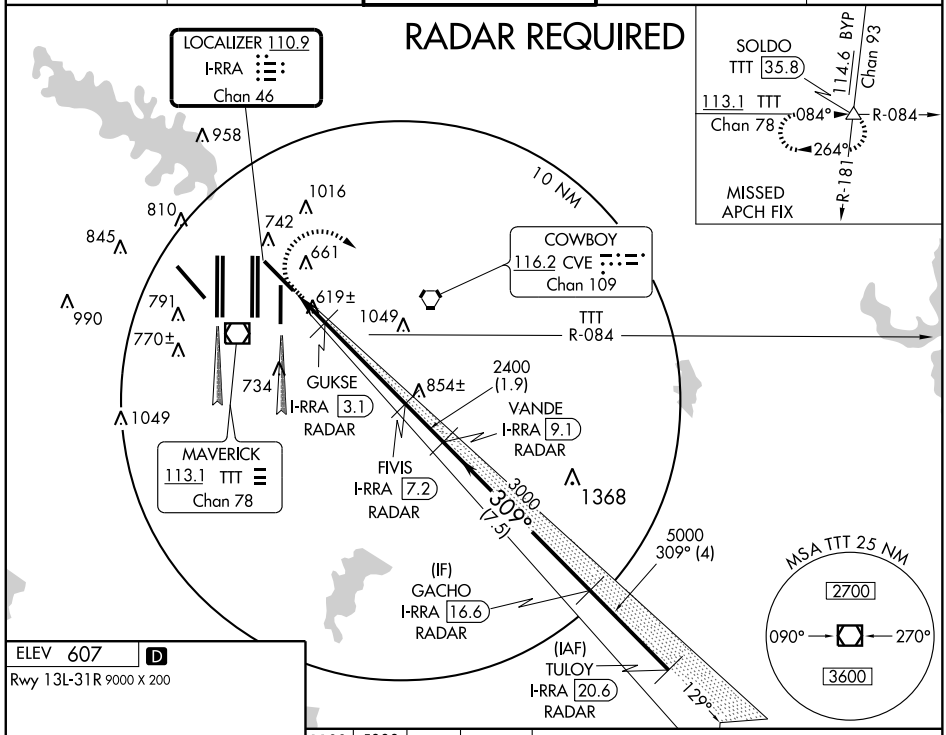
ILS or LOC RWY 31R
DALLAS-FORT WORTH INTL (DFW)

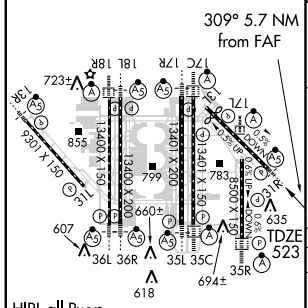
* DME or RADAR required.

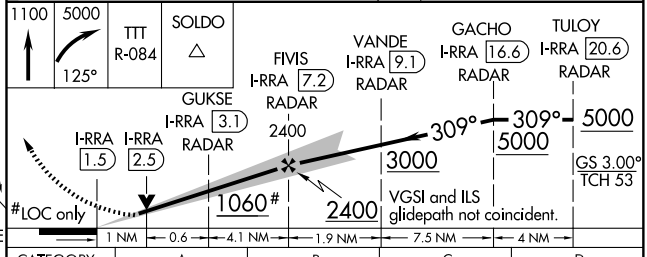
MALSR

MISSED APPROACH: Climb to 1100 then climbing right turn to 5000 via heading 125° and TTT R-084 to SOLDO Int/TTT 35.8 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	125.2 135.3	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







CATEGORY	A	B	C	D
S-ILS 31R	723/18 200 (200-½)			
S-LOC 31R**	1060/24 537 (500-½)		1060/50 537 (500-1)	1060/60 537 (500-1¼)
GUKSE FIX MINIMUMS				
S-LOC 31R	880/24 357 (400-½)			880/40 357 (400-¾)

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

ILS or LOC RWY 35C

DALLAS-FORT WORTH INTL (DFW)

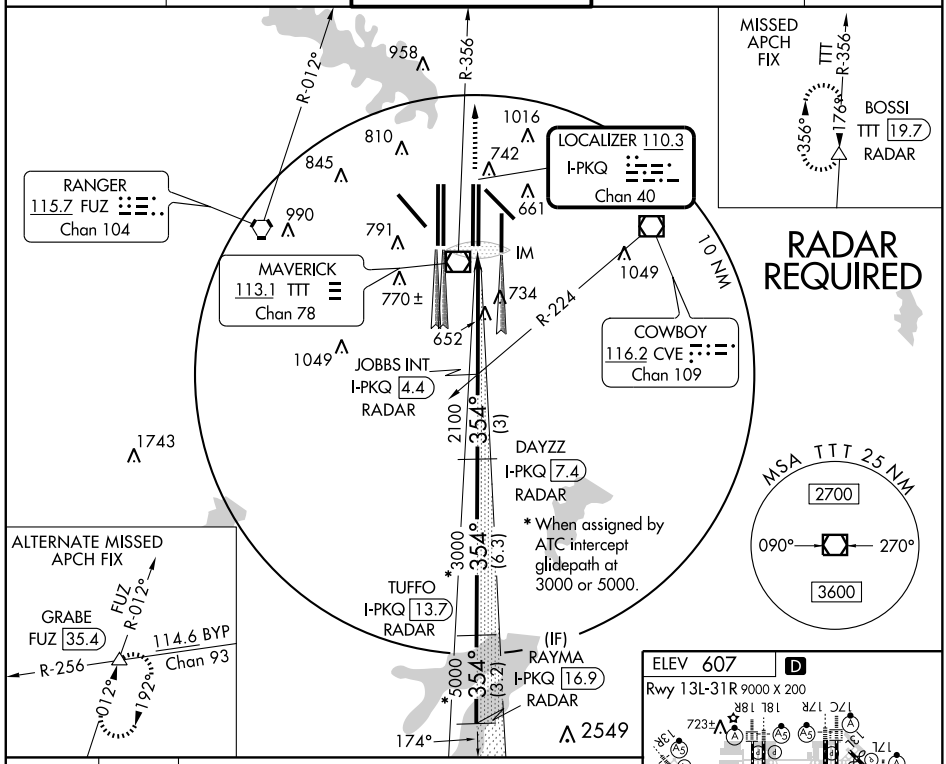
LOC/DME I-PKQ	APP CRS	Rwy 35C Idg 13401	Rwy 35L Idg 13401
110.3	354°	TDZE 563	TDZE 564
Chan 40		Apt Elev 607	Apt Elev 607

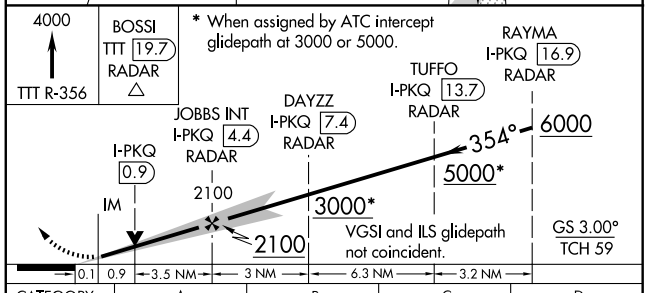
Inoperative table does not apply to Sidestep Rwy 35L Cats A and B. Simultaneous approach authorized with Rwy 35R, 36L and 36R. DME or RADAR required. LOC procedure NA during Simultaneous operations.

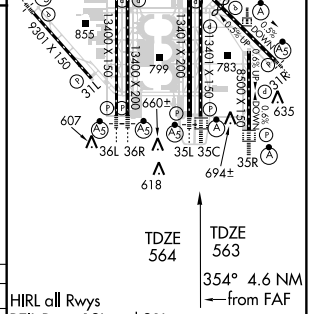
Rwy 35C ALSF-2 (A) | Rwy 35L MALSR (A5)

MISSED APPROACH: Climb to 4000 via TTT R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	







HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

CATEGORY	A	B	C	D
S-ILS 35C	763/18 200 (200-½)			
S-LOC 35C	960/24 397 (400-½)			960/40 397 (400-¾)
SIDESTEP 35L	960-1 396 (400-1)			960-1½ 396 (400-1½)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-UWX	APP CRS	Rwy 35L Idg 13401	Rwy 35C Idg 13401
111.35	354°	TDZE 564	TDZE 563
Chan 50 (Y)		Apt Elev 607	Apt Elev 607

ILS or LOC RWY 35L

DALLAS-FORT WORTH INTL (DFW)

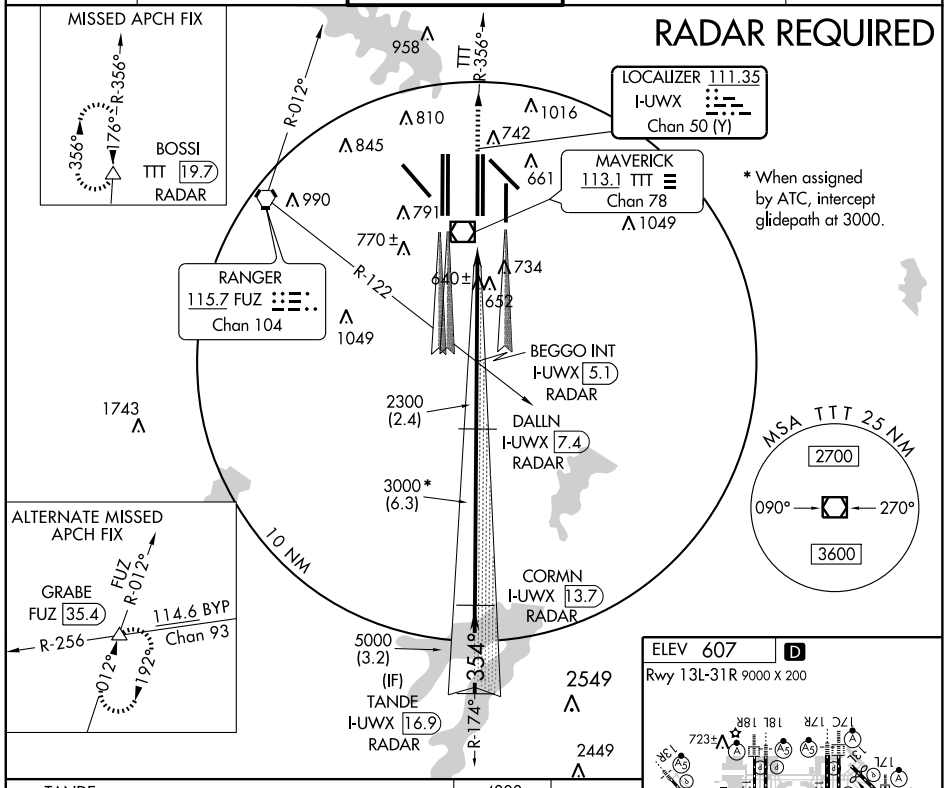
T NA Simultaneous approach authorized with Rwy 35R, Rwy 36L/R. DME or Radar required. LOC procedure NA during simultaneous operations. Inoperative table does not apply to Sidestep 35C.

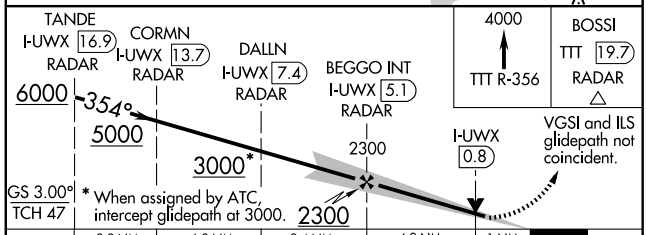
Rwy 35L MALSR (A5) | Rwy 35C ALSF-2 (A)

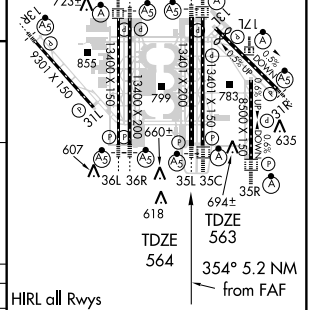
MISSED APPROACH: Climb to 4000 via TTT VOR/DME R-356 to BOSSI/ TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED







HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D
S-ILS 35L	764/18 200 (200-½)			
S-LOC 35L	940/24 376 (400-½)			940/40 376 (400-¾)
SIDESTEP 35C	960-1 397 (400-1)		960-1½ 397 (400-1½)	960-2 397 (400-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AJQ	APP CRS	Rwy Idg	8500
111.75	354°	TDZE	575
Chan 54 (Y)		Apt Elev	607

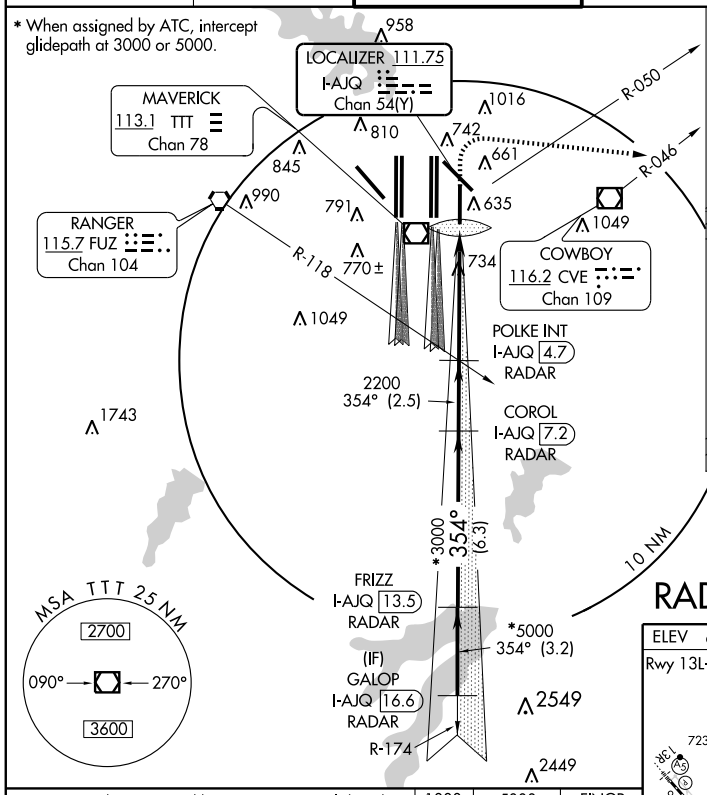
ILS or LOC RWY 35R
DALLAS-FORT WORTH INTL (DFW)

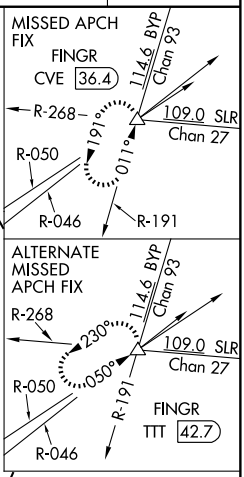
DME or RADAR required. Simultaneous approach authorized with Rwy 36L/R and Rwy 35L/C. LOC procedure NA during simultaneous operations.

ALSF-2

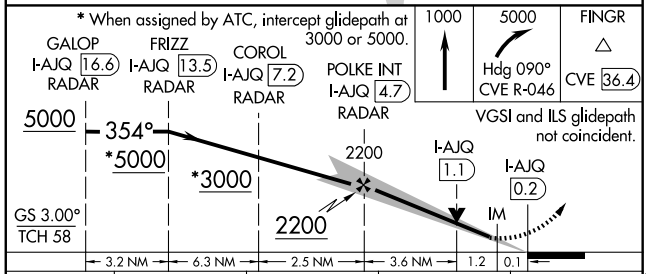
MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 via heading 090° and CVE R-046 to FINGR Int/CVE 36.4 DME and hold.

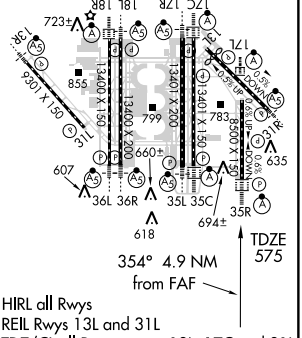
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	119.4	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	





RADAR REQUIRED





CATEGORY	A	B	C	D
S-ILS 35R	775/18 200 (200-½)			
S-LOC 35R	1040/24 465 (500-½)		1040/40 465 (500-¾)	1040/50 465 (500-1)

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:52	3:14	2:26	1:57	1:37

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BXN	APP CRS	Rwy 36L Idg	13400	Rwy 36R Idg	13400
111.9	354°	TDZE	588	TDZE	581
Chan 56		Apt Elev	607	Apt Elev	607

ILS or LOC RWY 36L

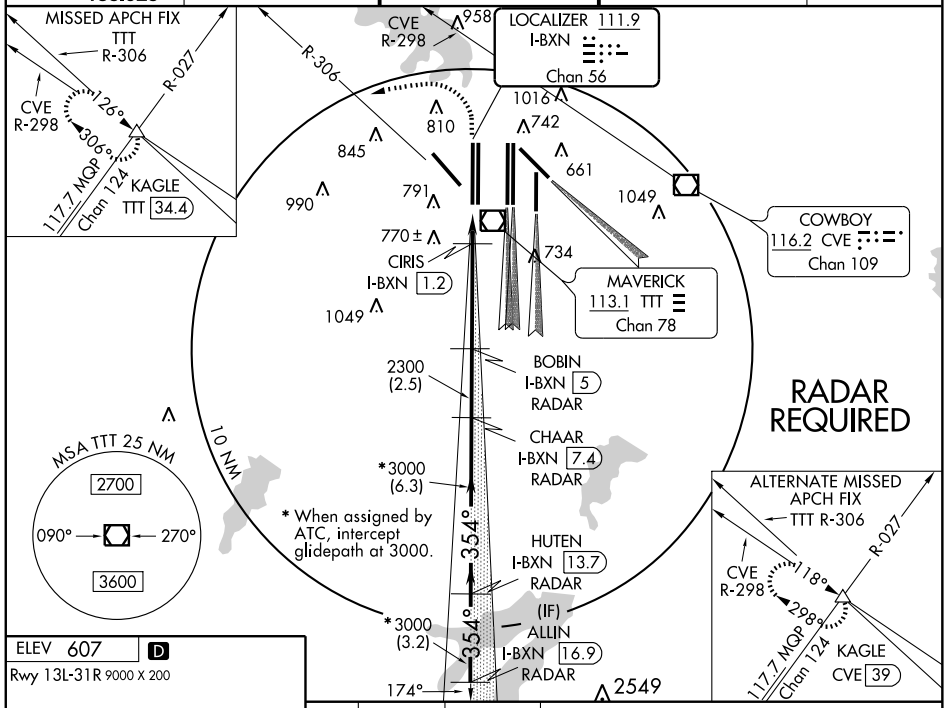
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 35R/L/C. LOC procedure NA during simultaneous operations. CIRIS Fix Minimums: For inoperative MALSR, increase Cat D visibility to RVR 5000. sidestep 36R: Inoperative table does not apply to sidestep 36R Cats A and B. DME or RADAR required.

MALSR

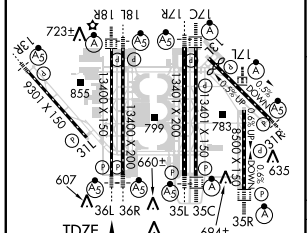
MISSED APPROACH: Climb to 1100, then climbing left turn to 5000 via heading 285° and TTT R-306 to KAGLE Int/TTT 34.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



ELEV 607 D

Rwy 13L-31R 9000 X 200



TDZE 588

TDZE 581

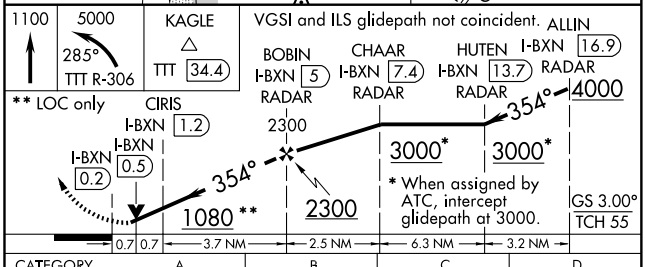
HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

354° 5.2 NM from FAF

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-ILS 36L	788/18 200 (200-½)			
S-LOC 36L	1080/24 492 (500-½)		1080/40 492 (500-¾)	1080/50 492 (500-1)
SIDESTEP 36R	1080-1 499 (500-1)			1080-1½ 499 (500-1½)
CIRIS FIX MINIMUMS				
S-LOC 36L	880/24 292 (300-½)			880/40 292 (300-¾)

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

LOC/DME I-FJN	APP CRS	Rwy 36R Idg	TDZE	Apt Elev	Rwy 36L Idg	TDZE	Apt Elev
110.55 Chan 42 (Y)	354°	13400	581	607	13400	588	607

ILS or LOC RWY 36R

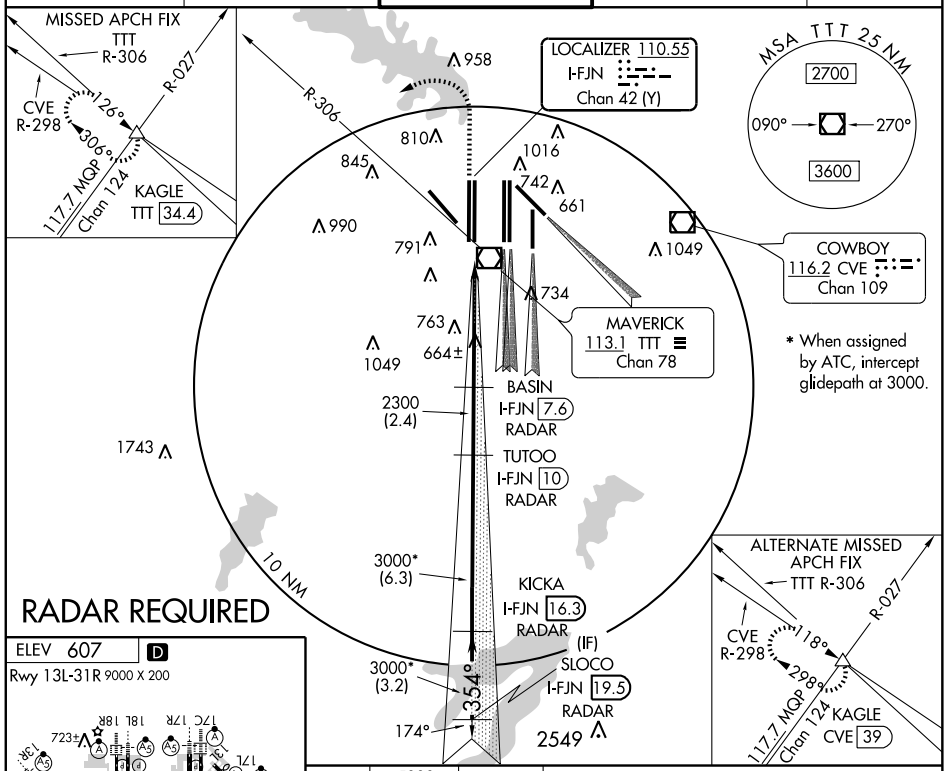
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 35L, 35C/R. Inoperative table does not apply to Sidestep 36L. DME or RADAR required. LOC procedure NA during simultaneous operations.

Rwys 36R/L MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 5000 via heading 295° and TTT VOR/DME R-306 to KAGLE Int/TTT 34.4 DME and hold.

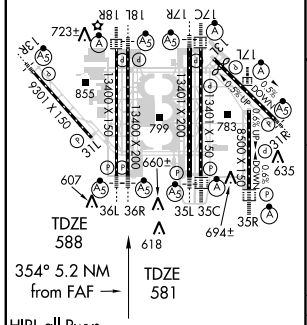
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



RADAR REQUIRED

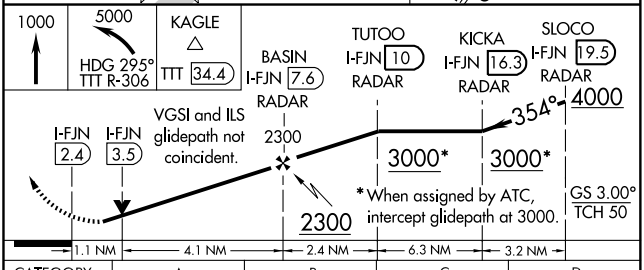
ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-ILS 36R	781/18 200 (200-½)			
S-LOC 36R	980/24 399 (400-½)			980/40 399 (400-¾)
SIDESTEP 36L	1080-1 492 (500-1)		1080-1½ 492 (500-1½)	1080-2 492 (500-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-FLQ	APP CRS	Rwy Idg	13401
110.3	174°	TDZE	562
Chan 40		Apt Elev	607

ILS RWY 17C (CAT II)

DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 17L, 18L/18R. Inoperative table does not apply to sidestep 17R Cats A and B. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 5000 via TTT VOR/DME R-176 to JASPA Int/TTT 35 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

ALTERNATE MISSED APCH FIX

115.0 JEN Chan 97

R-074 JASPA CVE 37.1

CVE R-186 — TTT R-176

MSA TTT 25 NM

2700

090° — 270°

3600

MISSED APCH FIX

115.0 JEN Chan 97

R-074 JASPA TTT 35

CVE R-186 — TTT R-176

R-354 (IF) BOSSI I-FLQ 19.2 RADAR

1140

*5000 174° (3.2)

PENNY I-FLQ 16.1 RADAR

RADAR REQUIRED

* When assigned by ATC, intercept glidepath at 3000 or 5000.

*3000 174° (6.3)

ZINGG I-FLQ 9.8 RADAR

2300 174° (2.2)

838

JIFFY INT I-FLQ 7.6 RADAR

958 685

1016

R-312

COWBOY 116.2 CVE Chan 109

810

845

742

661

10 NM

990

791

770±

1049

734

MAVERICK 113.1 TTT Chan 78

1049

LOCALIZER 110.3 I-FLQ Chan 40

R-176

5000 TTT R-176

JASPA TTT 35

VGSI and ILS glidepath not coincident.

JIFFY I-FLQ 7.6 RADAR

ZINGG I-FLQ 9.8 RADAR

PENNY I-FLQ 16.1 RADAR

BOSSI I-FLQ 19.2 RADAR

DH RA 102

IM

562 MSL

2300

3000*

174°

6000

5000*

GS 3.00° TCH 58

1100′ — 804′ — 5.1 NM — 2.2 NM — 6.3 NM — 3.2 NM

CATEGORY	A	B	C	D
S-ILS 17C	RA 102/12 100 DA 662			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200

TDZE 562

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-FLQ	APP CRS	Rwy Idg	13401
110.3	174°	TDZE	562
Chan 40		Apt Elev	607

ILS RWY 17C (CAT III)

DALLAS-FORT WORTH INTL (DFW)

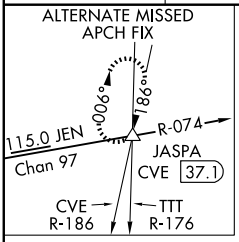
T Simultaneous approach authorized with Rwy 17L, 18L/18R. Inoperative table does not apply to sidestep 17R Cats A and B. DME or RADAR required.

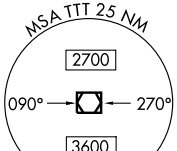
ALSF-2

MISSED APPROACH: Climb to 5000 via TTT VOR/DME R-176 to JASPA Int/TTT 35 DME and hold.

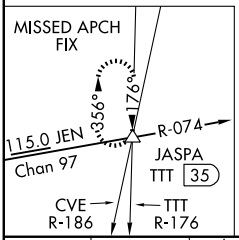
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

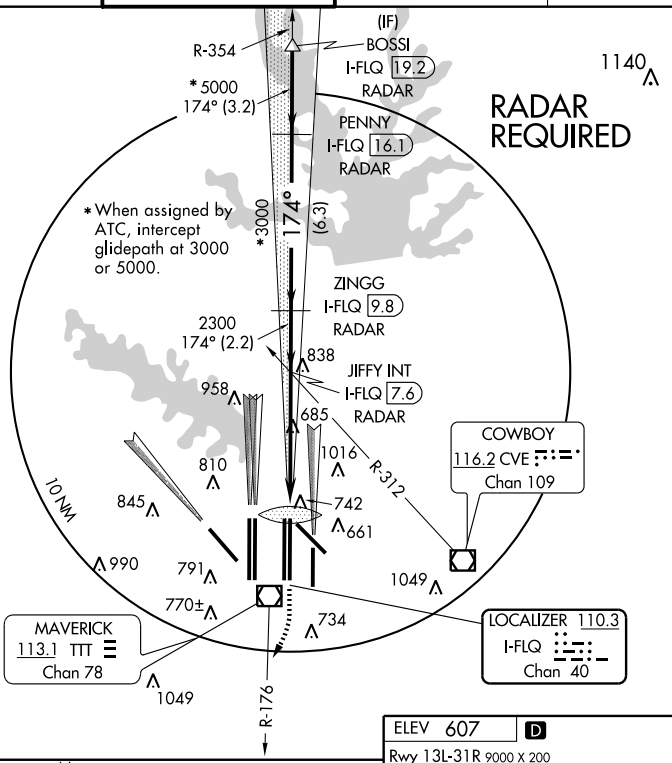
ALTERNATE MISSED APCH FIX





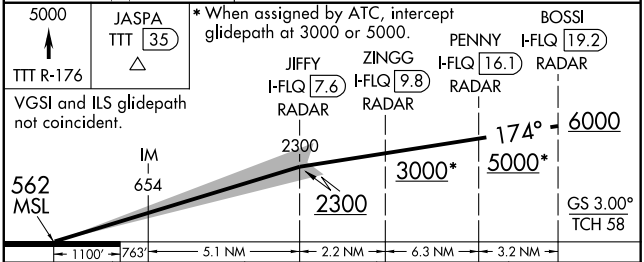
MISSED APCH FIX





5000 ↑ TTT R-176 | JASPA TTT 35 △

VGSI and ILS glidepath not coincident.

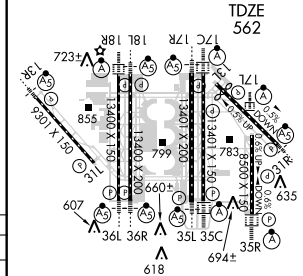


CATEGORY	A	B	C	D
S-ILS 17C	CAT IIIa RVR 07			
S-ILS 17C	CAT IIIb RVR 06			
S-ILS 17C	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS

AL-6039 (FAA)

LOC/DME I-PPZ	APP CRS	Rwy Idg	8500
111.75	174°	TDZE	545
Chan 54 (Y)		Apt Elev	607

ILS RWY 17L (CAT II)

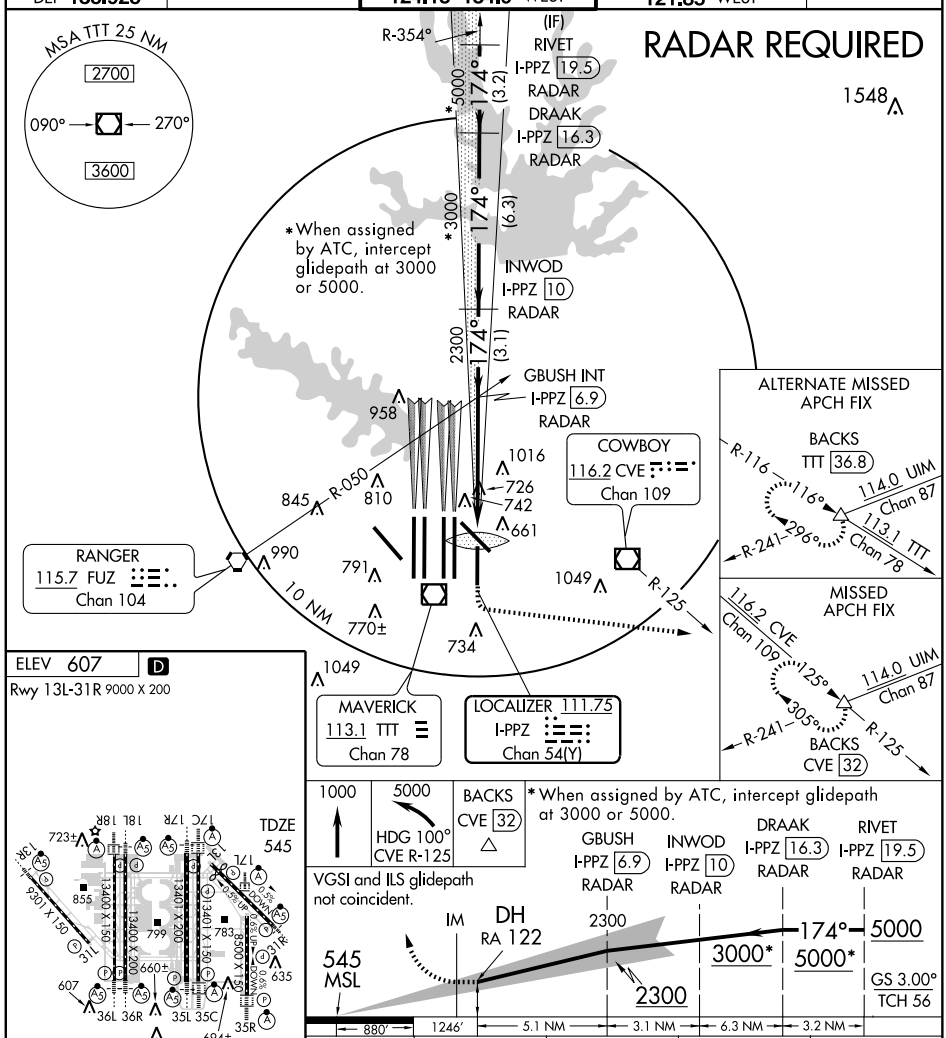
DALLAS-FORT WORTH INTL (DFW)

T Simultaneous approach authorized with Rwy 17 C/R, 18 L/R. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 100° and CVE VOR/DME R-125 to BACKS Int/32 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	119.4	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



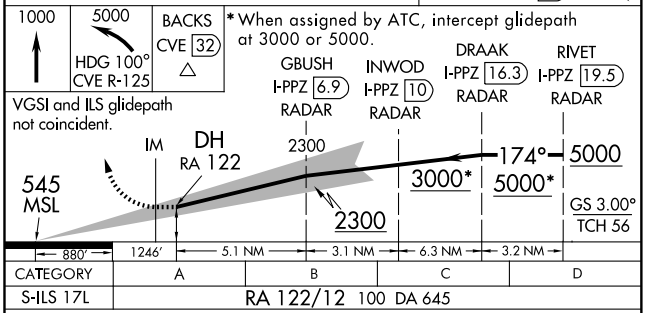
ELEV 607 D

Rwy 13L-31R 9000 X 200

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
S-ILS 17L	RA 122/12 100 DA 645			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PPZ	APP CRS	Rwy Idg	8500
111.75	174°	TDZE	545
Chan 54 (Y)		Apt Elev	607

ILS RWY 17L (CAT III)
DALLAS-FORT WORTH INTL (DFW)

Simultaneous approach authorized with Rwy 17 C/R, 18 L/R. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1000 then climbing left turn to 5000 via heading 100° and CVE VOR/DME R-125 to BACKS Int/32 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	119.4	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	

RADAR REQUIRED

MSA TTT 25 NM
2700
090° 270°
3600

R-354°
(IF) RIVET
I-PPZ 19.5 RADAR
174° (3.2)
5000*
DRAAK
I-PPZ 16.3 RADAR
3000 174° (6.3)
INWOD
I-PPZ 10 RADAR
2300 174° (3.1)
GBUSH INT
I-PPZ 6.9 RADAR

* When assigned by ATC, intercept glidepath at 3000 or 5000.

1548
958
1016
726
742
661
845 R-050 810
990
791
770±
734
1049
R-125
10 NM

COWBOY
116.2 CVE
Chan 109

RANGER
115.7 FUZ
Chan 104

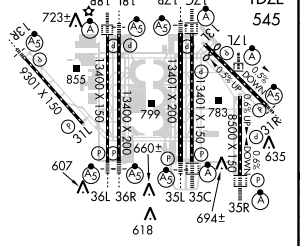
MAVERICK
113.1 TTT
Chan 78

LOCALIZER 111.75
I-PPZ
Chan 54(Y)

ALTERNATE MISSED APCH FIX
BACKS
TTT 36.8
R-116 116° 114.0 UIM Chan 87
296° 113.1 TTT Chan 78
R-241

MISSED APCH FIX
116.2 CVE Chan 109
125° 114.0 UIM Chan 87
305° R-125
R-241
BACKS CVE 32

ELEV 607 D
Rwy 13L-31R 9000 X 200

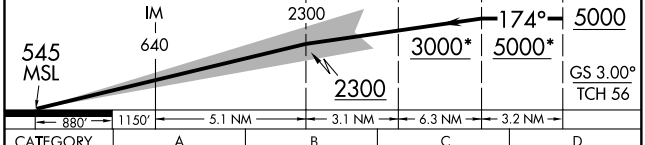


HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

1000 5000 HDG 100° CVE R-125
BACKS CVE 32

* When assigned by ATC, intercept glidepath at 3000 or 5000.

VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 17L	CAT IIIa RVR 07			
S-ILS 17L	CAT IIIb RVR 06			
S-ILS 17L	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-2, 17 DEC 2009 to 14 JAN 2010

ILS RWY 18R (CAT II)

DALLAS-FORT WORTH INTL (DFW)

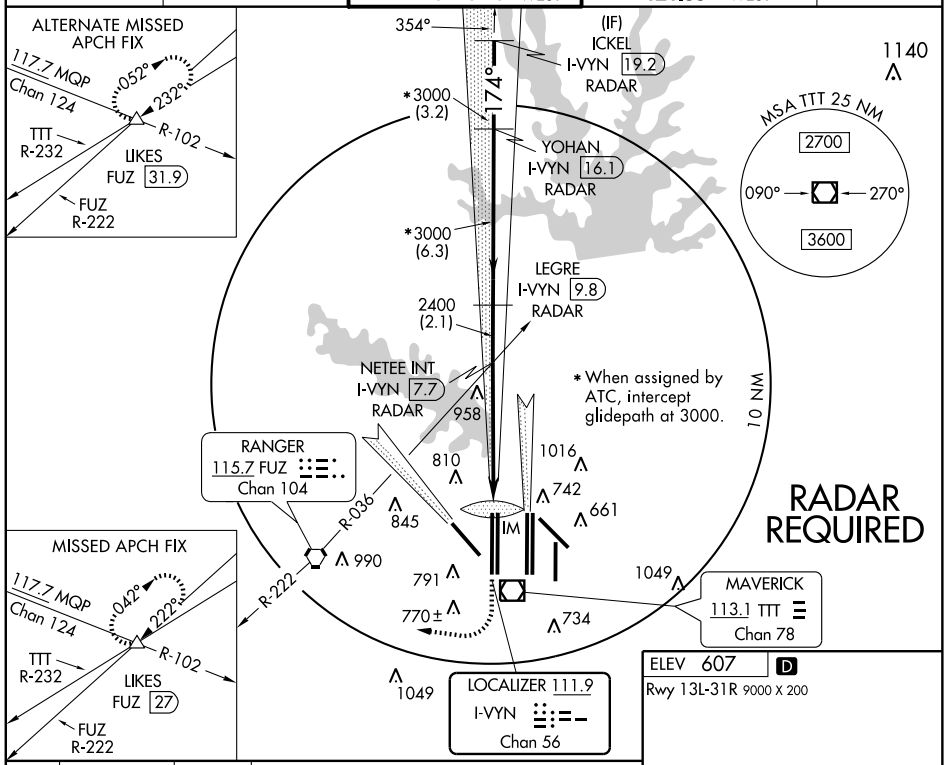
LOC/DME I-VYN	APP CRS	Rwy Idg	13400
111.9	174°	TDZE	607
Chan 56		Apt Elev	607

Simultaneous approach authorized with Rwy 17R, 17L/17C. Inoperative table does not apply to sidestep 18L Cats A and B. DME or RADAR required.

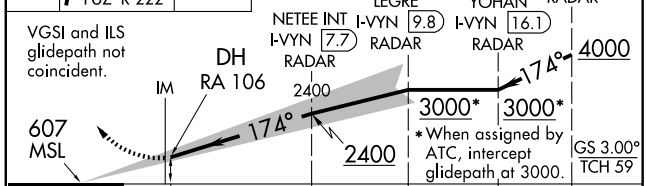
ALSF-2

MISSED APPROACH: Climb to 1100 then climbing right turn to 5000 via heading 250° and FUZ VORTAC R-222 to LIKES INT/27 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



1100	5000	LIKES
	250° HDG	FUZ 27
	FUZ R-222	

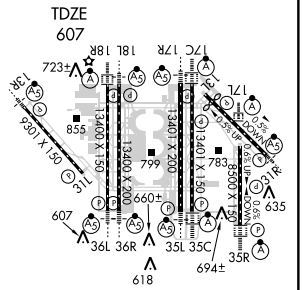


CATEGORY	A	B	C	D
S-ILS 18R	RA 106/12 100		DA 707	

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-VYN	APP CRS	Rwy Idg	13400
111.9	174°	TDZE	607
Chan 56		Apt Elev	607

ILS RWY 18R (CAT III)

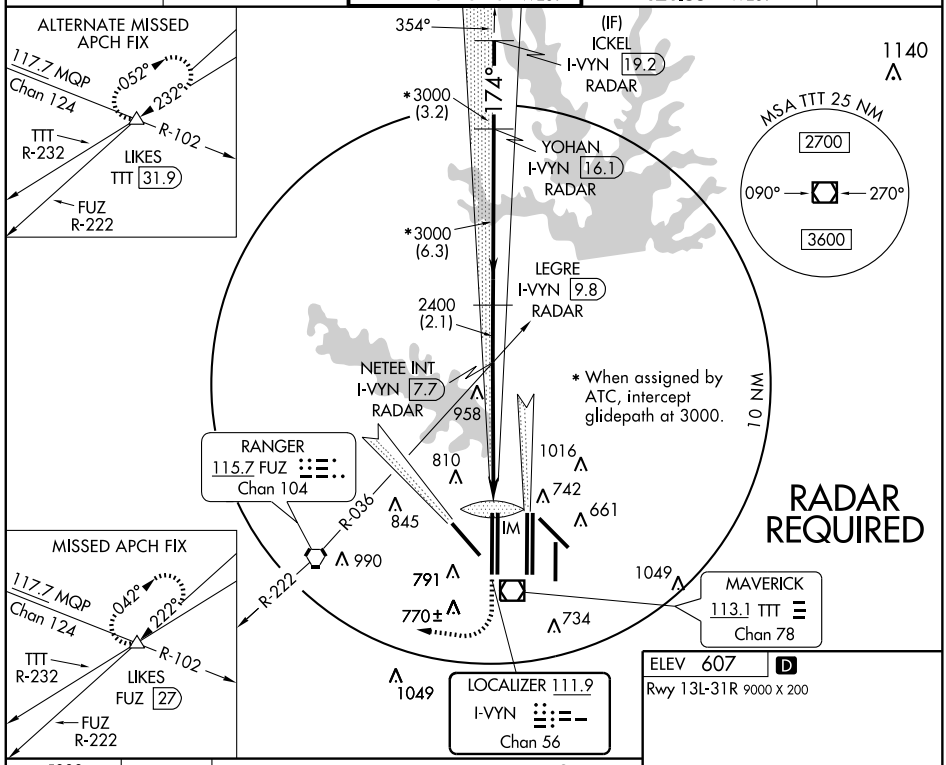
DALLAS-FORT WORTH INTL (DFW)

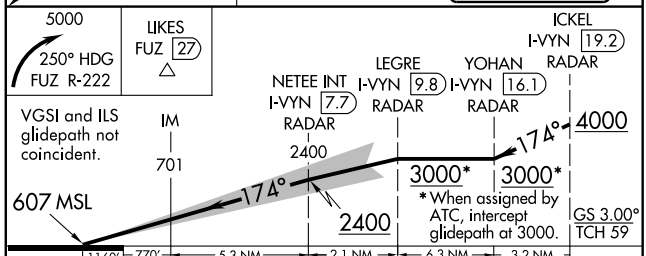
Simultaneous approach authorized with Rwy 17R, 17L/17C. Inoperative table does not apply to sidestep 18L Cats A and B. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1100 then climbing right turn to 5000 via heading 250° and FUZ VORTAC R-222 to LIKES INT/ 27 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	118.425	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



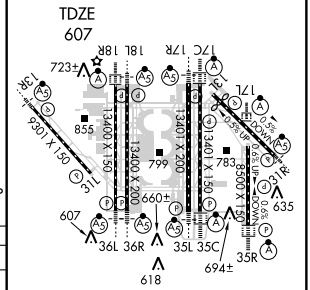


CATEGORY	A	B	C	D
S-ILS 18R	CAT IIIa RVR 07			
S-ILS 18R	CAT IIIb RVR 06			
S-ILS 18R	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

LOC/DME I-PKQ	APP CRS	Rwy Idg	13401
110.3	354°	TDZE	563
Chan 40		Apt Elev	607

ILS RWY 35C (CAT II)

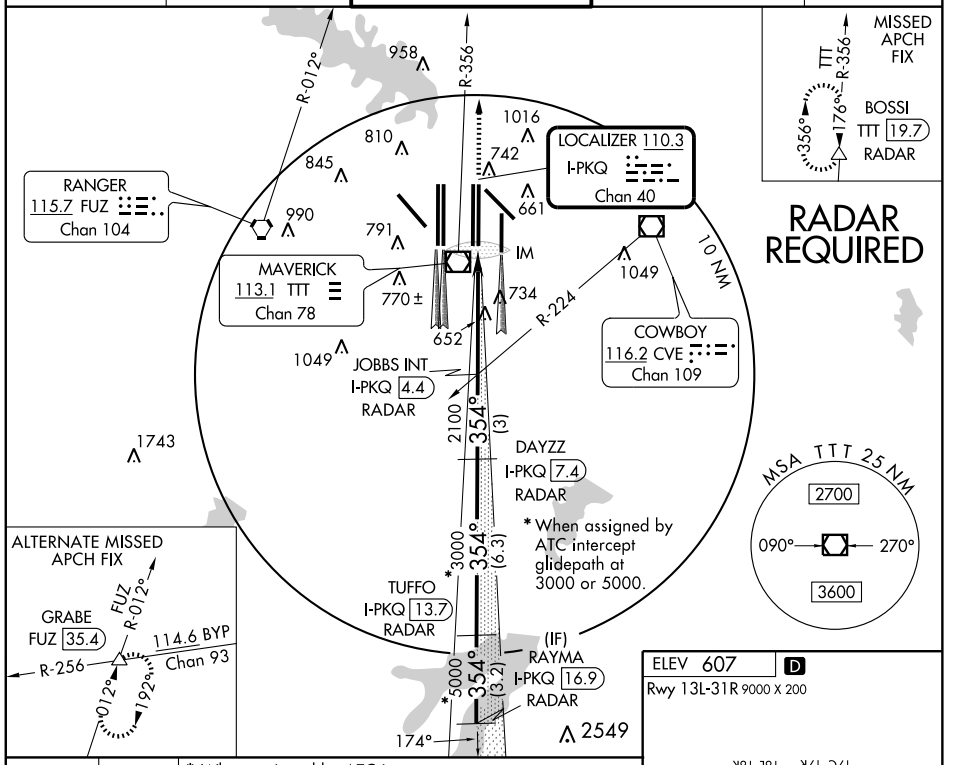
DALLAS-FORT WORTH INTL (DFW)

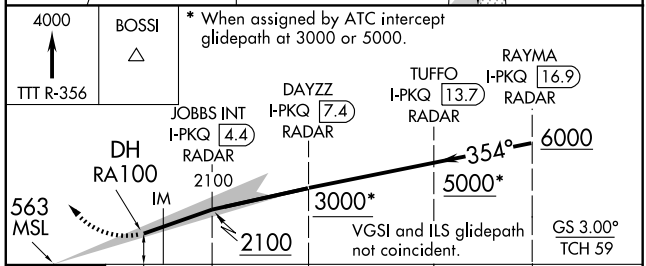
Simultaneous approach authorized with Rwy 35R, 36L and 36R. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 4000 via TTT R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



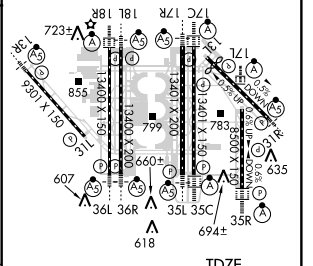


CATEGORY	A	B	C	D
S-ILS 35C	RA 100/12 100 DA 663			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PKQ	APP CRS	Rwy Idg	13401
110.3	354°	TDZE	563
Chan 40		Apt Elev	607

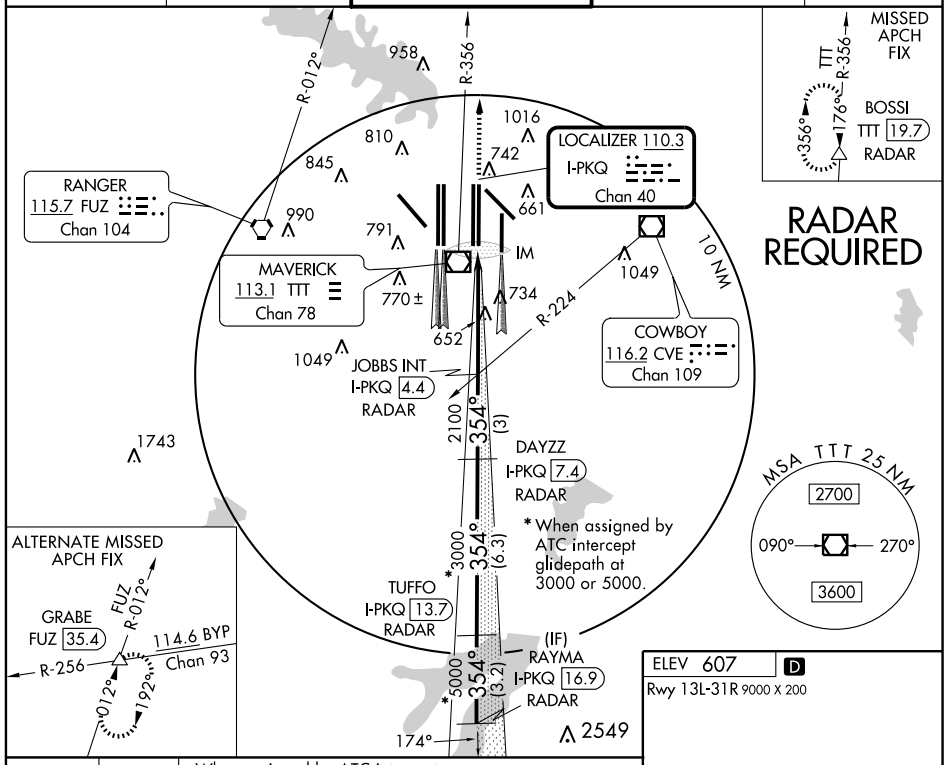
ILS RWY 35C (CAT III)
DALLAS-FORT WORTH INTL (DFW)

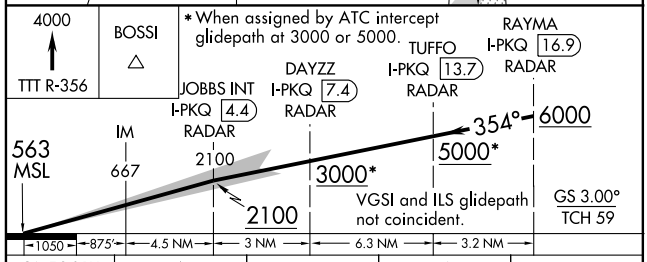
Simultaneous approach authorized with Rwy 35R, 36L and 36R. RADAR or DME required.

ALSF-2

MISSED APPROACH: Climb to 4000 via TTT R-356 to BOSSI/TTT 19.7 DME/RADAR and hold.

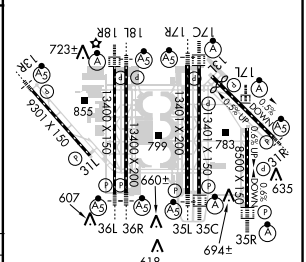
ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	127.075	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	





CATEGORY	A	B	C	D
S-ILS 35C	CAT IIIa	RVR 07		
S-ILS 35C	CAT IIIb	RVR 06		
S-ILS 35C	CAT IIIc	NA		

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AJQ	APP CRS	Rwy Idg	8500
111.75	354°	TDZE	575
Chan 54 (Y)		Apt Elev	607

ILS RWY 35R (CATII)

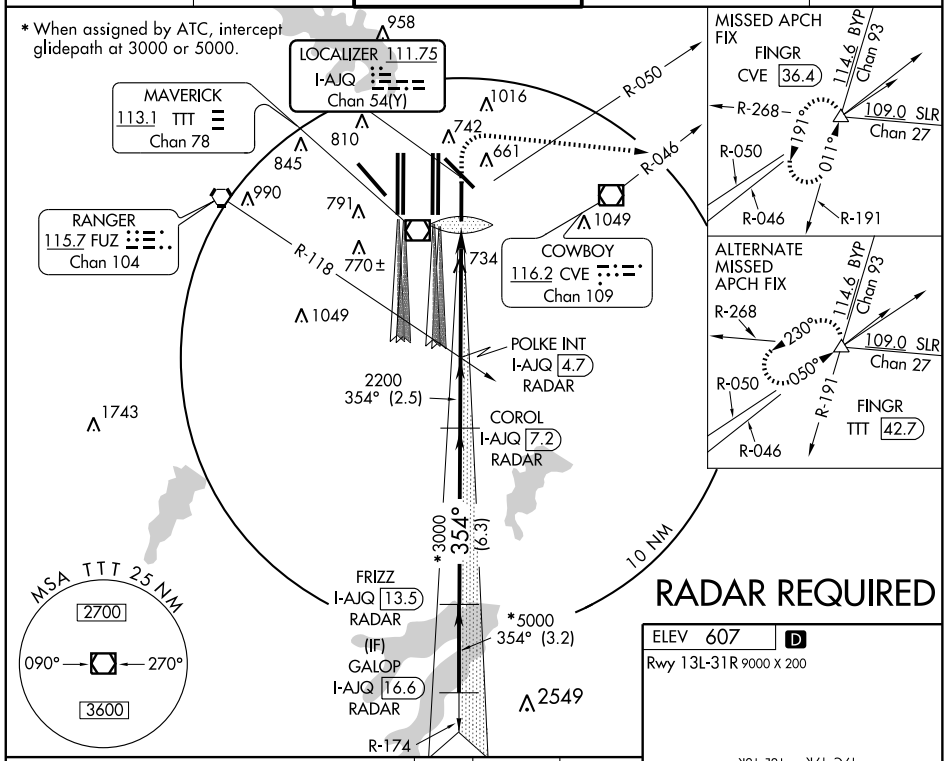
DALLAS-FORT WORTH INTL (DFW)

DME or RADAR required. Simultaneous approach authorized with Rwy 36L/R and Rwy 35L/C.

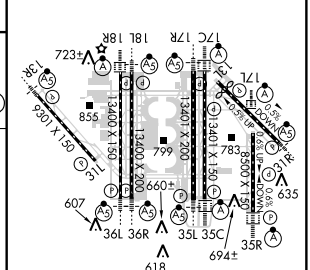
ALSF-2

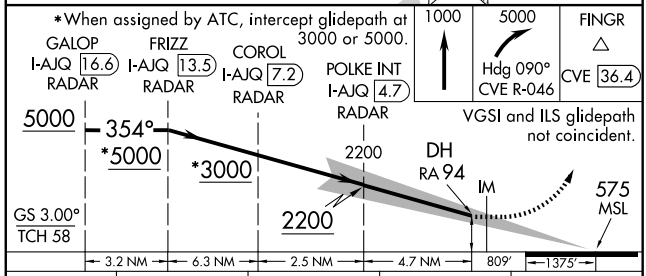
MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 via heading 090° and CVE R-046 to FINGR Int/CVE 36.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	119.4	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



RADAR REQUIRED





CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-AJQ	APP CRS	Rwy Idg	8500
111.75	354°	TDZE	575
Chan 54 (Y)		Apt Elev	607

ILS RWY 35R (CATIII)

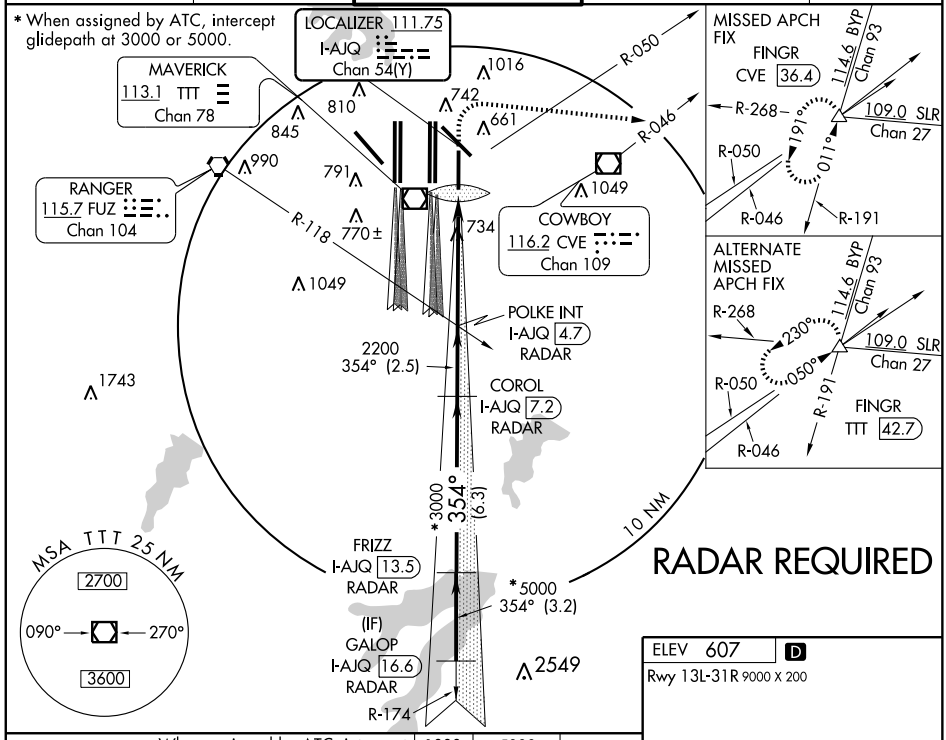
DALLAS-FORT WORTH INTL (DFW)

DME or RADAR required. Simultaneous approach authorized with Rwy 36L/R and Rwy 35L/C.

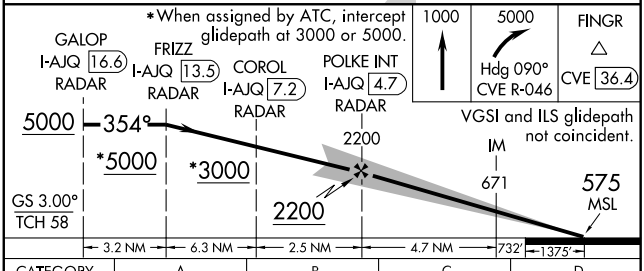
ALSF-2

MISSED APPROACH: Climb to 1000 then climbing right turn to 5000 via heading 090° and CVE R-046 to FINGR Int/CVE 36.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775	119.4	126.55 127.5 EAST	121.65 121.8 EAST	128.25
DEP 135.925		124.15 134.9 WEST	121.85 WEST	



RADAR REQUIRED

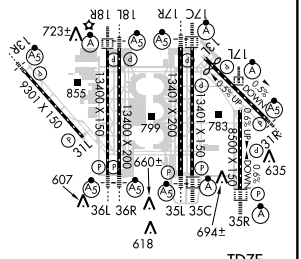


CATEGORY	A	B	C	D
S-ILS 35R	CAT IIIa RVR 07			
S-ILS 35R	CAT IIIb RVR 06			
S-ILS 35R	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 607 D

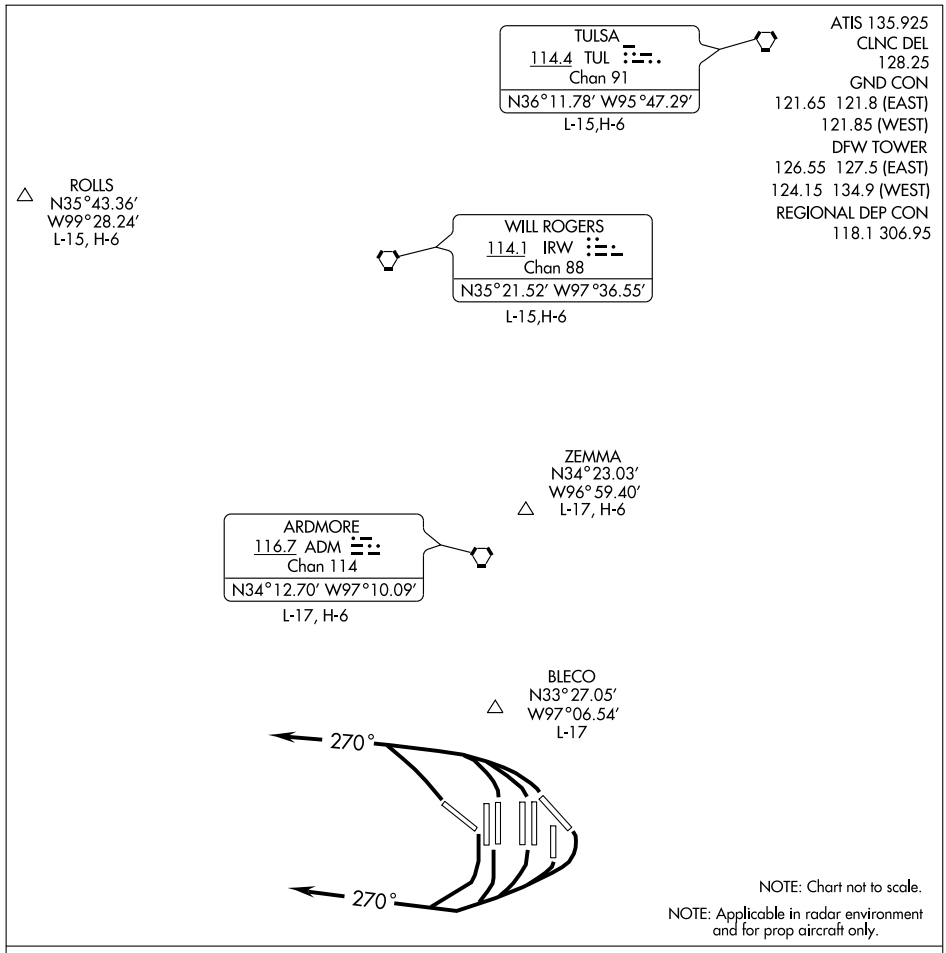
Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

JACKY FOUR DEPARTURE



DEPARTURE ROUTE DESCRIPTION

NON-TURBOJET AIRCRAFT ONLY

TAKE OFF ALL RUNWAYS: Fly heading 270°, expect vector to appropriate fix. Maintain 2000′ and expect filed altitude ten minutes after departure.

SC-2, 17 DEC 2009 to 14 JAN 2010

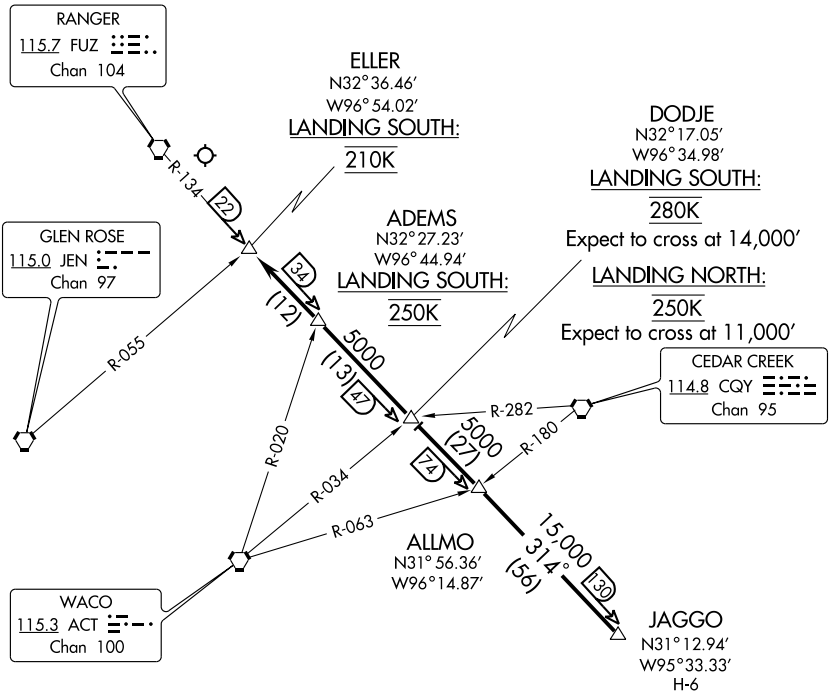
JAGGO THREE ARRIVAL

ST-6039 (FAA)

DALLAS-FORT WORTH INTL
DALLAS-FORT WORTH, TEXAS

ASSIGNED BY ATC ONLY

ATIS ARR 123.775
REGIONAL APP CON
125.02 133.52 263.025



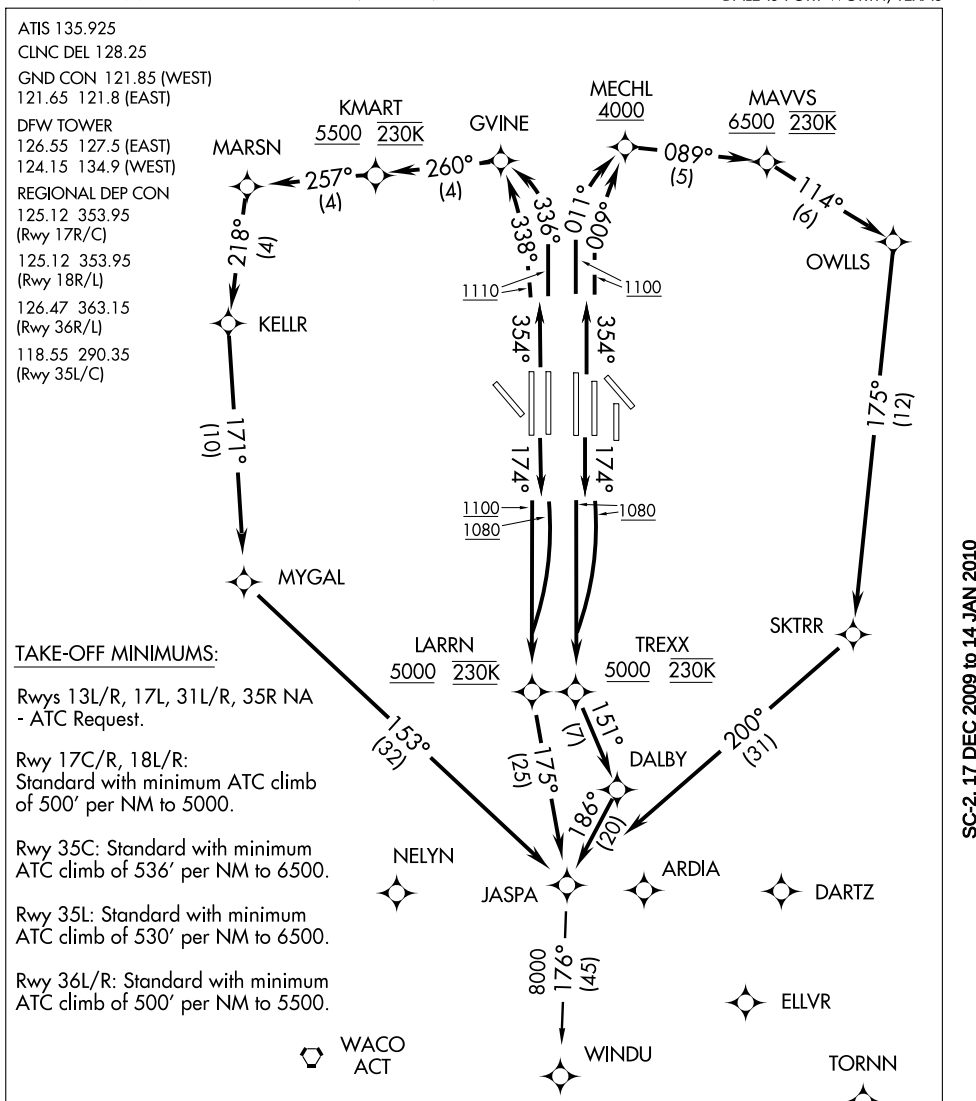
NOTE: Chart not to scale.

DME OR RADAR REQUIRED

From over JAGGO INT via FUZ R-134 to ELLER INT. Expect vectors to final approach course.

JASPA TWO DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS



TAKE-OFF MINIMUMS:

Rwys 13L/R, 17L, 31L/R, 35R NA - ATC Request.

Rwy 17C/R, 18L/R: Standard with minimum ATC climb of 500′ per NM to 5000.

Rwy 35C: Standard with minimum ATC climb of 536′ per NM to 6500.

Rwy 35L: Standard with minimum ATC climb of 530′ per NM to 6500.

Rwy 36L/R: Standard with minimum ATC climb of 500′ per NM to 5500.

NOTE: TAKE-OFF RWYs 17C/R: Do not exceed 230K until TREXX WP.
TAKE-OFF RWYs 18L/R: Do not exceed 230K until LARRN WP.
TAKE-OFF RWYs 35L/C: Do not exceed 230K until MAVVS WP.
TAKE-OFF RWYs 36L/R: Do not exceed 230K until KMART WP.

NOTE: 1. DME/DME/IRU or GPS Required
2. RNAV 1.

NOTE: For Turbo Jets only.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: RADAR required.

SC-2, 17 DEC 2009 to 14 JAN 2010

JASPA TWO DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT KEENE OR TRI-GATE DEPARTURE.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to 1080, then right turn direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to 1100, then direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL WP, cross MECHL WP at or above 4000, then via 089° track to MAVVS WP, cross MAVVS WP at or above 6500, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE WP, then via 260° track to KMART WP, cross KMART WP at or above 5500, then via depicted route to JASPA WP, Thence . . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE WP, then via 260° track to KMART WP, cross KMART at or above 5500, then via depicted route to JASPA WP, Thence . . . .

. . . . via (transition). Maintain 10,000. Expect filed altitude within 10 minutes after departure.

WINDU TRANSITION (JASPA2.WINDU): For aircraft inbound to AUS or SAT terminal area airports. Aircraft should file and/or expect BLEWE or MARCS STAR at WINDU.

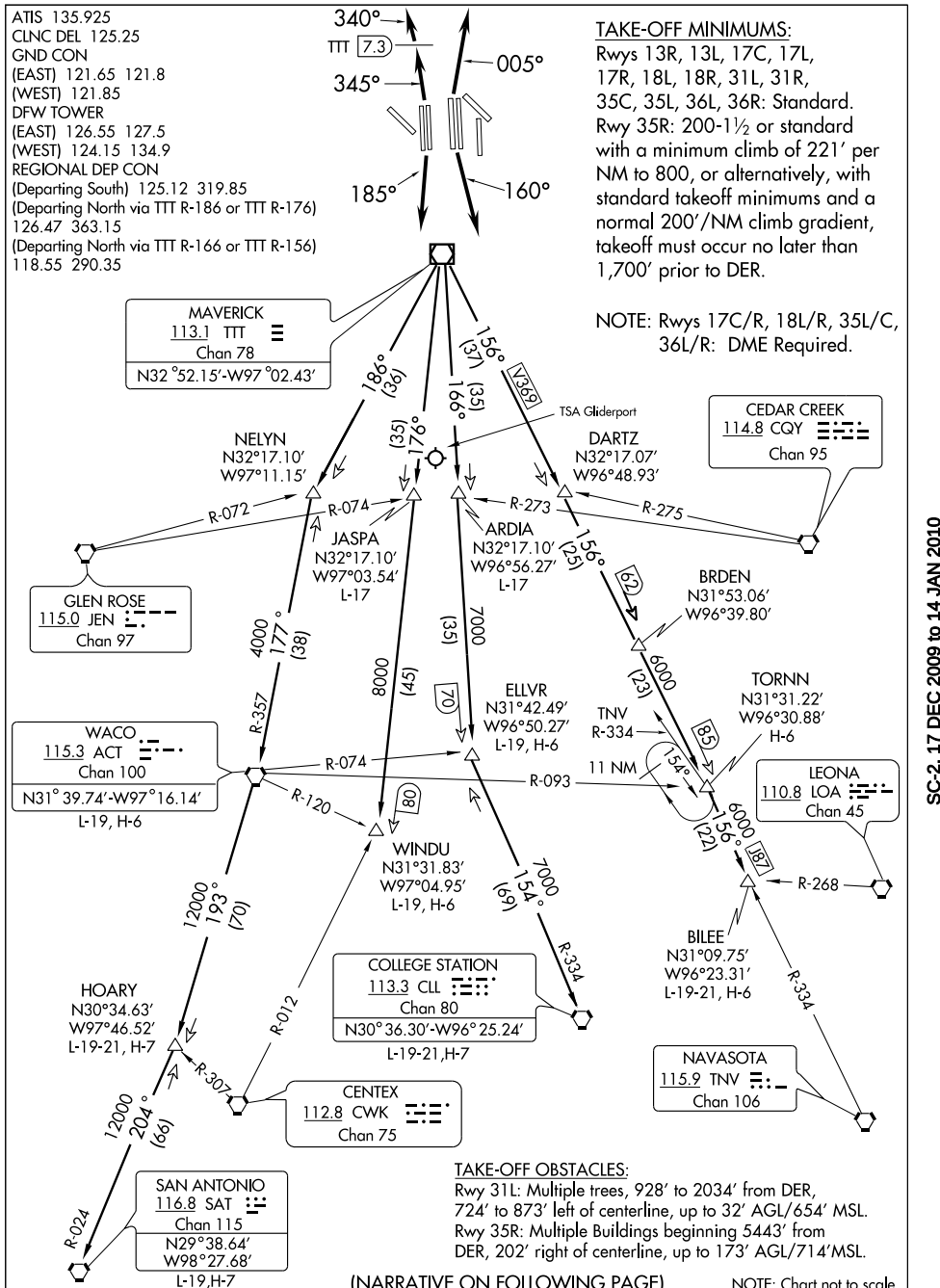
SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

EXPECT KEENE OR TRI-GATE DEPARTURE.

JETS

UNLESS OTHERWISE ADVISED, MAINTAIN 10,000 FEET AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. MAINTAIN 240 KIAS UNTIL LEAVING 5,000'.

TAKE-OFF RUNWAYS 13L/R, 31L/R, 17L, 35R: Fly assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAYS 17C/R: Climb via heading 160°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 18L/R: Climb via heading 185°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 35L/C: Climb via heading 005°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 36L/R: Climb via heading 345° to TTT VOR/DME 7.3 DME then via heading 340°, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.
BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.
BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.
COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.
ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.
HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.
JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.
SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.
TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.
WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.
WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

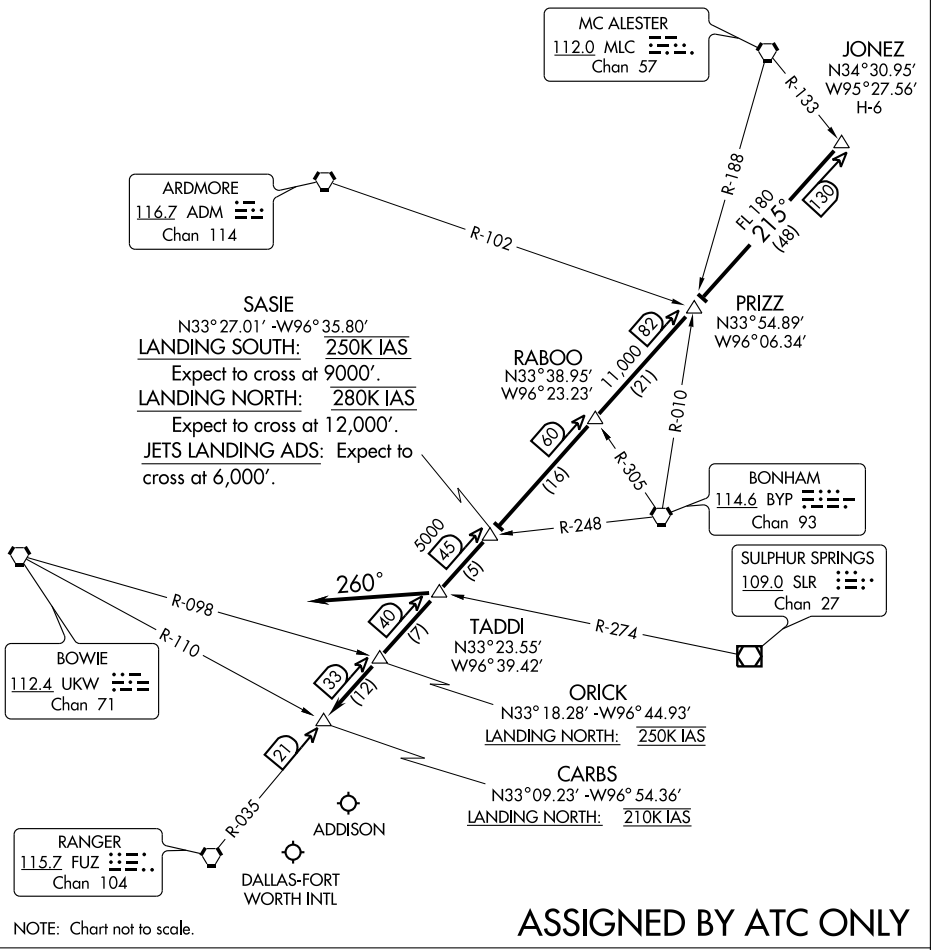
SC-2, 17 DEC 2009 to 14 JAN 2010

JONEZ FOUR ARRIVAL

ST-6039 (FAA)

DALLAS-FT. WORTH, TEXAS

REGIONAL APP CON
125.02 133.52 263.025
ATIS ARR
123.775



NOTE: Chart not to scale.

ASSIGNED BY ATC ONLY

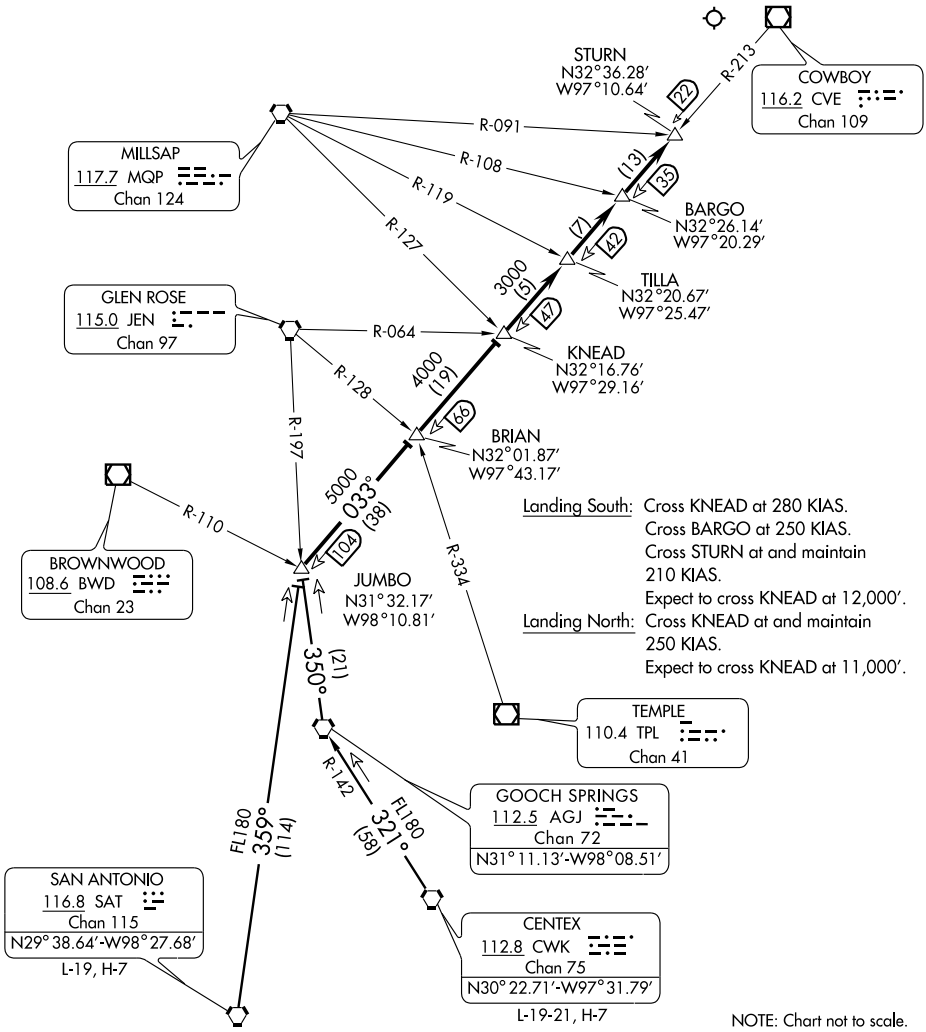
LANDING DFW: From over JONEZ INT via FUZ R-035 to CARBS INT. Expect vectors to final approach course.

LANDING ADS: From over JONEZ INT via FUZ R-035 to TADDI INT, depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

REGIONAL APP CON
119.875 133.625 284.65
ATIS ARR 123.775

ASSIGNED BY ATC ONLY



ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.JUMBO3): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC then via AGJ R-350 to JUMBO INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.JUMBO3): From over SAT VORTAC via SAT R-359 to JUMBO INT. Thence . . . .

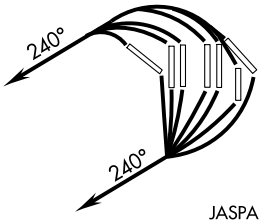
. . . . From over JUMBO INT via CVE R-213 to STURN INT. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

KEENE SIX DEPARTURE

SL-6039 (FAA)

ATIS 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
135.975 379.9



NOTE: 1016′ MSL tower (2.73 NM from DER 35R).

NOTE: Applicable in radar environment and for non-turbojet aircraft only.

TAKE-OFF MINIMUMS:

Rwys 13L/R, 17L/C/R, 18L/R, 31L/R, 35L/C, 36L/R: Standard
Rwy 35R: 200-1½ or standard with a minimum climb or standard with a minimum climb of 221′ per NM to 800, or alternatively, with standard take-off minimums and a normal 200′ per NM climb gradient. Take-off must occur no later than 1700′ prior to DER.

JASPA
N32°17.10′
W97°03.54′
L-17

WACO
115.3 ACT
Chan 100
N31°39.75′ W97°16.14′
L-19, H-6

ELLVR
N31°42.49′
W96°50.27′
L-19, H-6

GROESBECK
108.8 GNL
Chan 80
N31°34.89′ W96°32.95′
L-19

WINDU
N31°31.83′
W97°04.95′
L-19, H-6

TORNN
N31°31.22′
W96°30.88′
H-6

COLLEGE STATION
113.3 CLL
Chan 80
N30°36.30′ W96°25.24′
L-19-21, H-7

BILEE
N31°09.75′
W96°23.31′
L-19-21, H-6

NAVASOTA
115.9 TNV
Chan 106
N30°17.31′ W96°03.49′
L-19-21, H-7

TAKE-OFF OBSTACLES:

Rwy 31L, Tree 1229′ DER, 730′ right of centerline, 28′ AGL/637′ MSL. Transmission pole 3403′ from DER, 1399′ right of centerline, 86′AGL/708 MSL. Multiple trees beginning 928′ from DER, 724′ left of centerline, up to 55′ AGL/654′ MSL.
Rwy 35R, Multiple buildings beginning 5443′ from DER, 202′ right of centerline, up to 173′ AGL/714′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

NON-TURBOJET AIRCRAFT ONLY

TAKE OFF ALL RUNWAYS: Fly heading 240°, expect vector to appropriate fix. Maintain 2000′ and expect filed altitude ten minutes after departure.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-6039 (FAA)

ATIS 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
125.8 257.95

TAKE-OFF OBSTACLES
Note: Rwy 31L, tree 1229′ from DER, 730′ right of centerline, 28′ AGL/637′ MSL. TRMSN pole 3403′ from DER, 1399′ right of centerline, 86′ AGL/708′ MSL. Multiple trees beginning 928′ from DER, 724′ left of centerline, up to 55′ AGL/654′ MSL.
Note: Rwy 35R, multiple buildings beginning 5443′ from DER, 202′ right of centerline, up to 173′ AGL/714′ MSL.

N

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′-W98°35.61′
L-17, H-6

R-148 (25) V568

KARYN
N33°35.82′
W98°24.42′

R-271

BOWIE
112.4 UKW
Chan 71

R-146

GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6

6000 326° (63) V18

4000 328° (22)

R-225

R-165

FERRA
N33° 05.47′
W97°44.00′

RANGER
115.7 FUZ
Chan 104
N32°53.37′
W97°10.77′

MUZZO
N33°15.10′
W98°14.61′

65 34

4000 (27)

270°

2300 285° (37)

CEOLA
N32°51.98′
W97°44.00′

2500 261° (28)

2800 250° (36)

2100 274° (7)

240°

RUWLO
N32°47.28′
W99°07.77′

R-330

8000 (71)

99

8000 265° V18

BEKLE
N32°49.27′
W99°49.92′

93 (36)

R-265

4000 261° (13)

R-081

PODDE
N32°43.58′
W97°44.00′
L-17

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57′
W97°59.85′
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwy 13L/R, 17L/C/R, 18L/R, 31L/R, 35L/C, 36L/R: Standard.
Rwy 35R: 200-1½ or standard with a minimum climb of 221′ per NM to 800, or alternatively, with standard take-off minimums and a normal 200′ per NM climb gradient, take-off must occur no later than 1,700 feet prior to DER.

NOTE: Chart not to scale

NOTE: For all aircraft requesting 17,000′ and below.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

JETS

Jets departing DFW must contact clearance delivery for departure instructions.

PROPS

TAKE-OFF RUNWAYS 13L/R, 17L/C/R, 18L/R: Fly heading 240°. Thence....

TAKE-OFF RUNWAYS 31L/R, 35L/C/R, 36L/R: Fly heading 270°. Thence....

.... Expect vectors to appropriate route, maintain 2,000' and expect filed altitude 10 minutes after departure.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.

MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.

WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOWGN TWO DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

TAKE-OFF MINIMUMS
Rwys 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R: Standard with minimum ATC climb of 500' per NM to 5000.
Rwys 13L/R, 31L/R, 17L, 35R: NA- (ATC)

NOTE: RADAR Required.
NOTE: For use by TURBO JET aircraft only.

NOTE:
1. DME/DME/IRU or GPS Required.
2. RNAV 1.

ATIS 135.925
CLNC DEL 128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (RWY 17R/C)
126.47 363.15 (RWY 18L/R)
125.12 353.95 (RWYS 35L/C and 36L/R)

NOTE: TAKE-OFF RWYS 18L/R: Do not exceed 230K until YAMEL WP.

NOTE: TAKE-OFF RWYS 35C/L: Do not exceed 230K until CUZEN WP.
NOTE: TAKE-OFF RWYS 17C/R: Do not exceed 230K until JGIRL WP.
NOTE: TAKE-OFF RWYS 36L/R: Do not exceed 230K until HAZKL WP.

ROLLS
15000
303°
(85)
MRMAC
15000
303°
(60)
ARDMORE
ADM
4000
359°
(46)
LOWGN
ZEMMA
BLECO
GRABE
EAKER
TIKYS
AKUNA
319°
(21)
331°
(25)
315°
(36)
356°
(27)
002°
(5)
FLAGZ
CMORE
HAZKL
5000 230K
CUZEN
5000 230K
BEMMR
1120
354°
1080
354°
354°
(8)
355°
(10)
174°
1100
174°
1080
BIGGD
BINGM
188°
190°
153°
155°
JGIRL
5000 230K
006°
(6)
YAMEL
5000 230K
332°
(4)
253°
(3)
105°
(3)
082°
(5)
268°
(5)
BPARK
NAVYE
CORTS
FIRMN

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT JACKY OR TRI-GATE DEPARTURE PROCEDURE.

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE WP, then via 105° track to JGIRL WP, cross JGIRL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE WP, then via 105° track to JGIRL WP, cross JGIRL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 190° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 188° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN WP, cross CUZEN WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN WP, cross CUZEN WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120, then direct HAZKL WP, cross HAZKL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .
TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120, then left turn direct HAZKL WP, cross HAZKL WP at or above 5000, then via depicted route to LOWGN WP, Thence. . . .

. . . . via (transition). Maintain 10,000', expect filed altitude ten minutes after departure.

ARDMORE TRANSITION (LOWGN2.ADM):
ROLLS TRANSITION (LOWGN2.ROLLS): (For all aircraft proceeding northwestbound via J52).

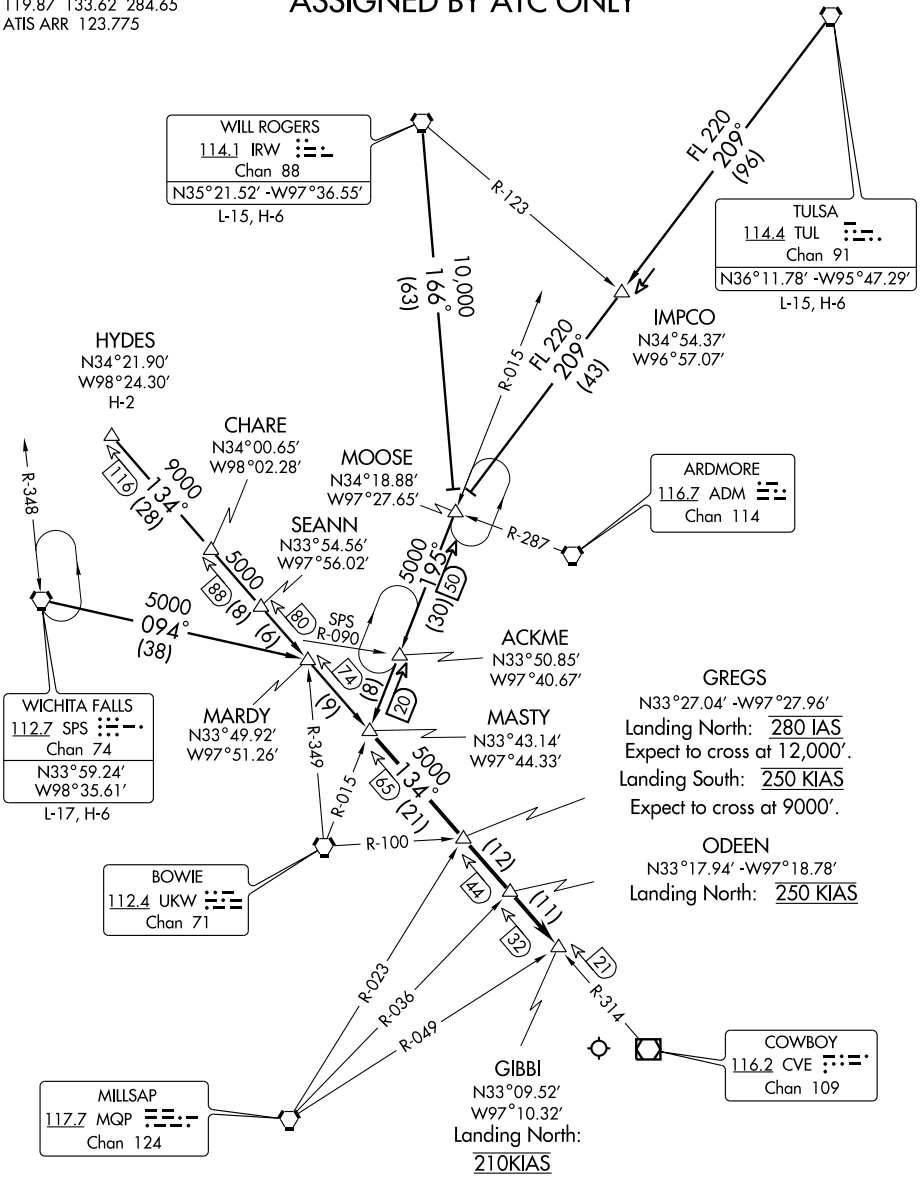
SC-2, 17 DEC 2009 to 14 JAN 2010

MASTY TWO ARRIVAL

DALLAS-FT. WORTH INTL
DALLAS-FT. WORTH, TEXAS

REGIONAL APP CON
119.87 133.62 284.65
ATIS ARR 123.775

ASSIGNED BY ATC ONLY



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-2, 17 DEC 2009 to 14 JAN 2010

MASTY TWO ARRIVAL

ARRIVAL DESCRIPTION

HYDES TRANSITION (HYDES.MASTY2): From over HYDES INT via CVE R-314 to MASTY INT. Thence. . . .

TULSA TRANSITION (TUL.MASTY2): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT. Thence. . . .

WICHITA FALLS TRANSITION (SPS.MASTY2): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to MASTY INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.MASTY2): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT. Thence. . . .

. . . . From over MASTY INT via CVE R-314 to GIBBI INT. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

NELYN TWO DEPARTURE (RNAV)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

ATIS 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
125.12 353.95
(Rwy 17R/C)
125.12 353.95
(Rwy 18R/L)
126.47 363.15
(Rwy 36R/L)
118.55 290.35
(Rwy 35L/C)

MECHL
4000

KMART
5500 230K

GVINE

MAVVS
6500 230K

MARSN

257°
(4)

260°
(4)

089°
(5)

114°
(6)

OWLLS

218°
(4)

336°

338°

110°

090°

1110

1100

354°

KELLR

Rwy 36L/R: Do not exceed
230 kts until KMART.

Rwy 35C/L: Do not exceed
230 kts until MAVVS.

175°
(12)

171°
(10)

Rwy 18L/R: Do not exceed
230 kts until LARRN.

Rwy 17C/R: Do not exceed
230 kts until TREXX.

174°

1100
1080

MYGAL

SKTRR

LARRN
5000 230K

TREXX
5000 230K

209°
(35)

194°
(30)

189°
(26)

151°
(7)

DALBY

203°
(22)

NOTE: RADAR required.

NOTE: Rwy 13L/R, 17L, 31L/R, 35R NA - ATC Request.

NOTE: For Turbo Jets only.

NOTE: Aircraft landing SAT or AUS terminal areas file and/or expect the JASPA DP.

NELYN

JASPA

ARDIA

DARTZ

ELLVR

4000
181°
(38)

WACO
ACT

12000
196°
(70)

WINDU

NOTE:
1. DME/DME/IRU or GPS Required.
2. RNAV 1.

TORNN

HOARY

12000
207°
(66)

SAN ANTONIO
SAT

TAKE-OFF MINIMUMS:

Rwy 17C, 17R, 18L, 18R: Standard with minimum ATC climb of 500' per NM to 5000.
Rwy 35C: Standard with minimum ATC climb of 536' per NM to 6500.
Rwy 35L: Standard with minimum ATC climb of 530' per NM to 6500.
Rwy 36L, 36R: Standard with minimum ATC climb of 500' per NM to 5500.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS

File and expect KEENE or TRI-GATE DP.

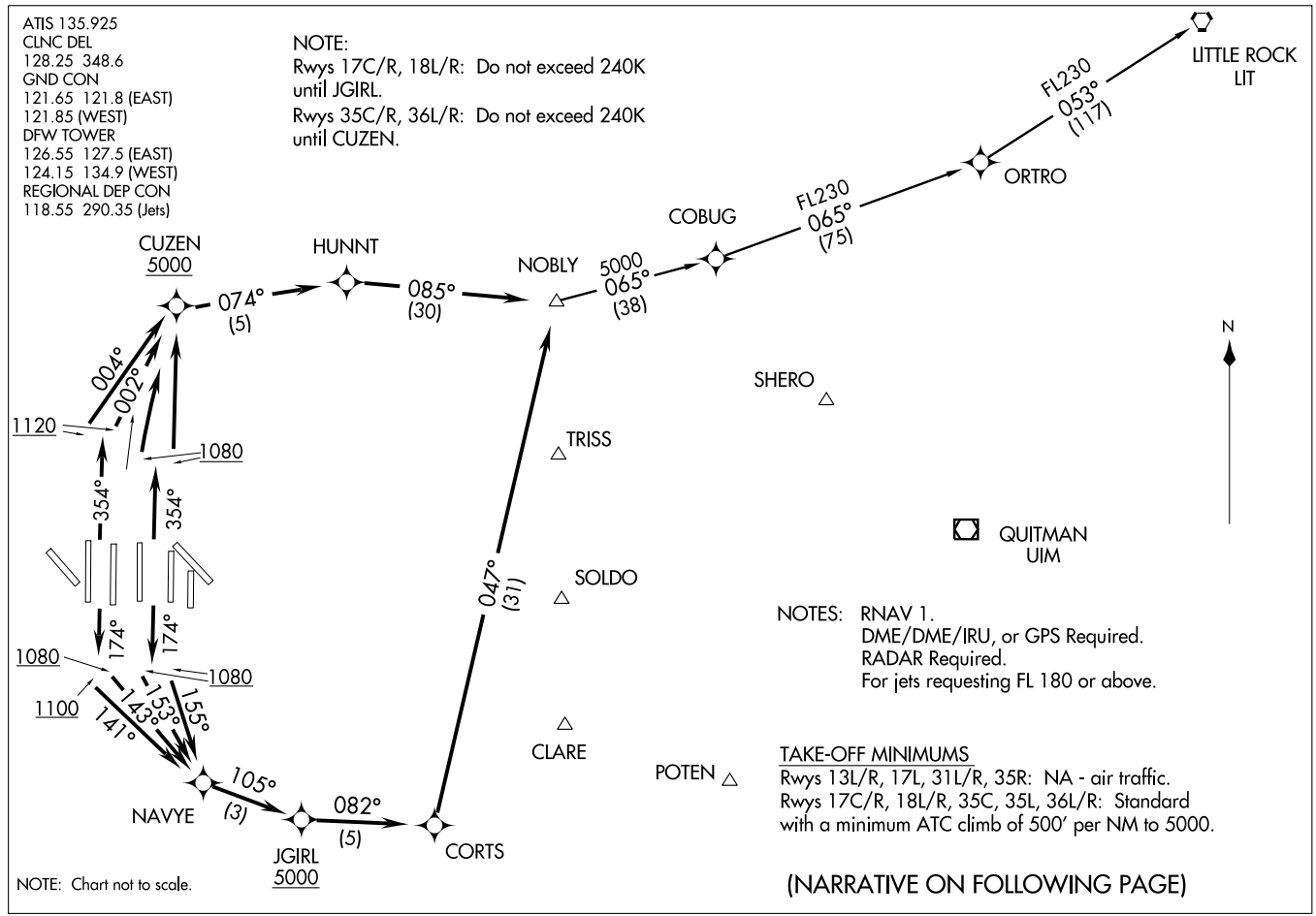
JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then direct TREXX WP, cross TREXX WP at or above 5000, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 18L: Climb via 174° heading to 1080, then right turn direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 18R: Climb via 174° heading to 1100, then direct LARRN WP, cross LARRN WP at or above 5000, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL, cross MECHL WP at or above 4000, then via 089° track to MAVVS, cross MAVVS WP at or above 6500, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL, cross MECHL WP at or above 4000, then via 089° track to MAVVS, cross MAVVS WP at or above 6500, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE WP, then via 260° track to KMART, cross KMART WP at or above 5500, then via depicted route to NELYN WP, Thence . . . .
TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE WP, then via 260° track to KMART, cross KMART WP at or above 5500, then via depicted route to NELYN WP, Thence . . . .

. . . . via (transition). Maintain 10,000. Expect filed altitude within 10 minutes after departure.

HOARY TRANSITION (NELYN2.HOARY)
WACO TRANSITION (NELYN2.ACT): (For aircraft inbound to WACO or GRAY terminal area airports.)
SAN ANTONIO TRANSITION (NELYN2.SAT): (For aircraft overflying CENTEX and SAN ANTONIO.)

SC-2, 17 DEC 2009 to 14 JAN 2010



(NOBLY3.NOBLY) 09015

NOBLY THREE DEPARTURE (RNAV)

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

PROPS

File and Expect WYLIE or HUBBARD Departure.

JETS

Jets requesting 17000' and below expect the GARLAND DEPARTURE

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 143° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 141° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN, cross CUZEN at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN, cross CUZEN at or above 5000 then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1120, then via 004° course to CUZEN, cross CUZEN at or above 5000, then via depicted route to NOBLY. Thence . . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1120, then via 002° course to CUZEN, cross CUZEN at or above 5000, then via depicted route to NOBLY. Thence . . . .

. . . . via (transition). Maintain 10000', expect filed altitude 10 minutes after departure.

LITTLE ROCK TRANSITION (NOBLY3.LIT)

SC-2, 17 DEC 2009 to 14 JAN 2010

(PODDE3.PODDE) 08045
PODDE THREE DEPARTURE (RNAV)

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

TAKE-OFF MINIMUMS

Rwys 17C/R, 18L/R: Standard with minimum ATC climb of 500′ per NM to 5000.
Rwys 35C/L, 36L/R: Standard with minimum ATC climb of 500′ per NM to 5500.
Rwys 13L/R, 17L, 31L/R, 35R: NA - ATC request.

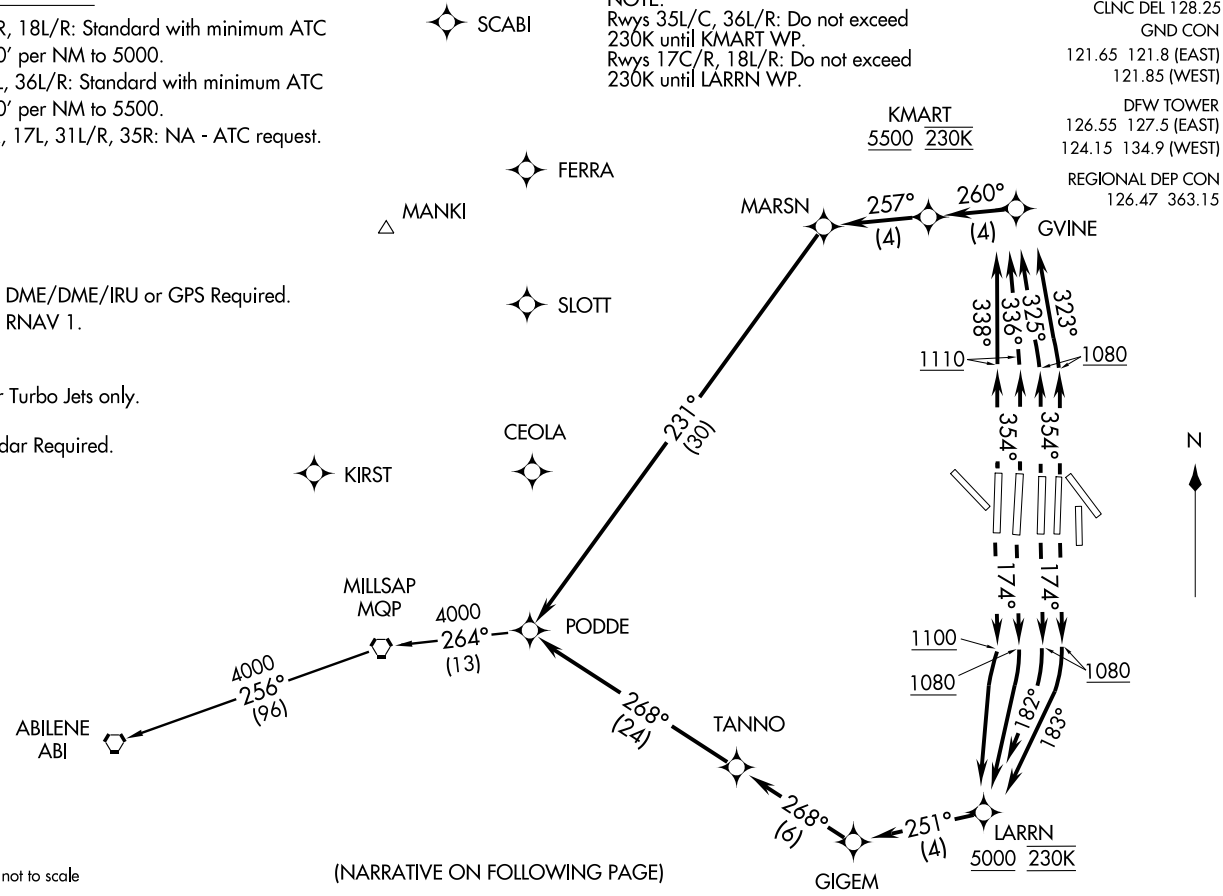
NOTE:
Rwys 35L/C, 36L/R: Do not exceed 230K until KMART WP.
Rwys 17C/R, 18L/R: Do not exceed 230K until LARRN WP.

ATIS 135.925
CLNC DEL 128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
126.47 363.15

NOTE: 1. DME/DME/IRU or GPS Required.
2. RNAV 1.

NOTE: For Turbo Jets only.

NOTE: Radar Required.



NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT THE KINGDOM OR COYOTE DEPARTURE

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 183°course to LARRN, cross LARRN at or above 5000, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 182° course to LARRN, cross LARRN at or above 5000, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 18L: Climb via 174° heading to 1080, then right turn direct LARRN, cross LARRN at or above 5000, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 18R: Climb via 174° heading to 1100, then left turn direct LARRN, cross LARRN at or above 5000, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1080, then via 323° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1080, then via 325° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 338° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to PODDE. Thence....

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, then via 336° course to GVINE, then via 260° track to KMART, cross KMART at or above 5500, then via depicted route to PODDE. Thence....

. . . . via (transition). Maintain 10,000 feet. Expect filed altitude within ten minutes after departure.

ABILENE TRANSITION (PODDE3.ABI)

MILLSAP TRANSITION (PODDE3.MQP)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97324 W17D	APP CRS 174°	Rwy Idg 13401 TDZE 562 Apt Elev 607

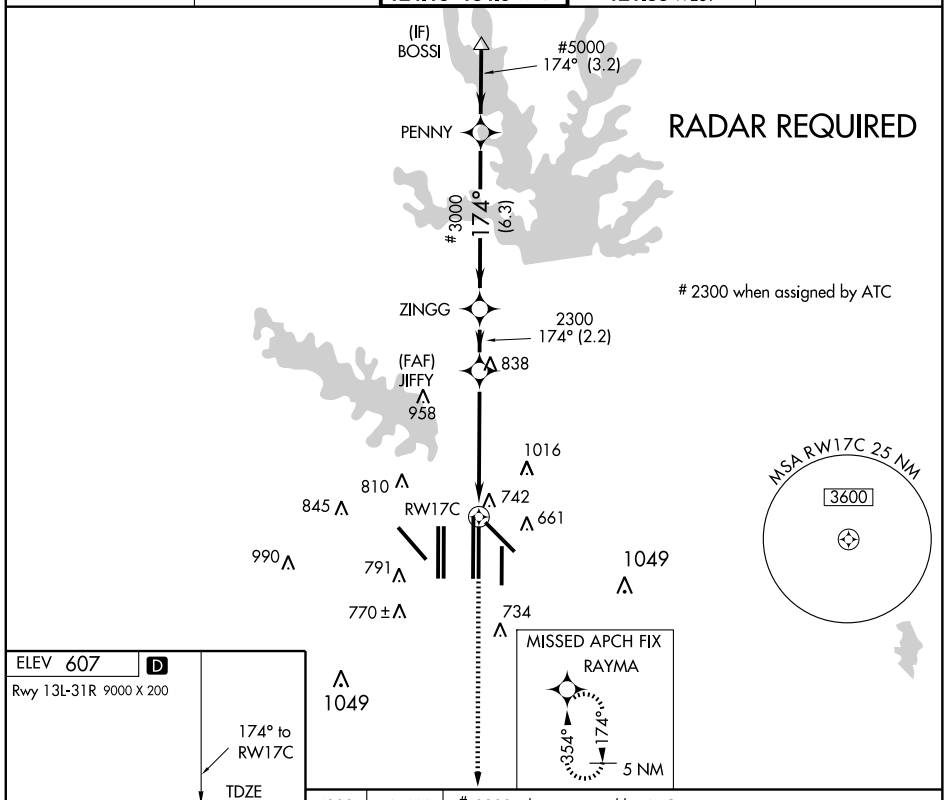
RNAV (GPS) RWY 17C
DALLAS-FORT WORTH INTL (DFW)

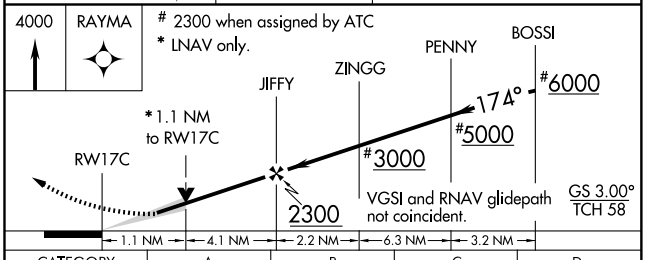
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C(116°F). DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 4000 direct RAYMA and hold.

ATIS ARR 123.775 DEP 135.925	REGIONAL APP CON 127.075	DFW TOWER 126.55 127.5 EAST 124.15 134.9 WEST	GND CON 121.65 121.8 EAST 121.85 WEST	CLNC DEL 128.25





CATEGORY	A	B	C	D
LPV DA	812/24 250 (300-½)			
LNAV/VNAV DA	1068/60 506 (500-1¼)			
LNAV MDA	1000/24 438 (400-½)		1000/40 438 (400-¾)	1000/50 438 (400-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8500
CH 40008	174°	TDZE	545
W17B		Apt Elev	607

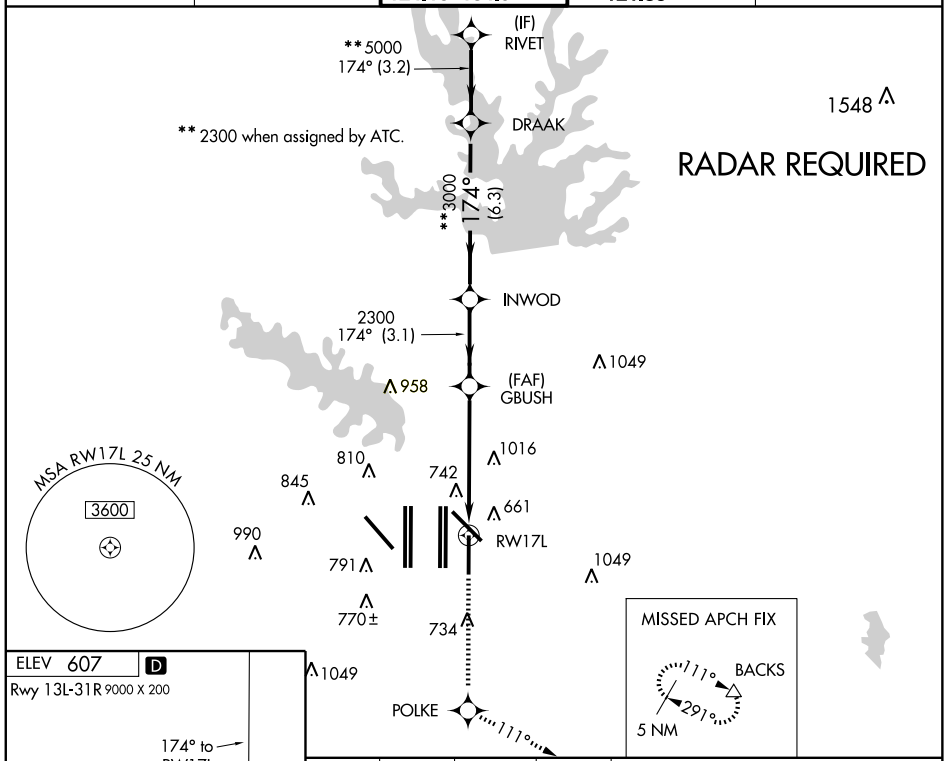
RNAV (GPS) RWY 17L
DALLAS-FORT WORTH INTL (DFW)

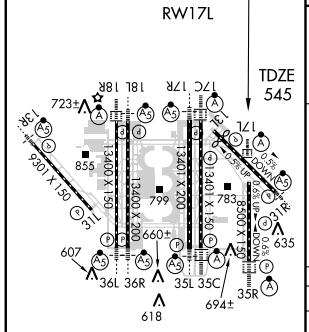
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LPV all Cats visibility to 1½.

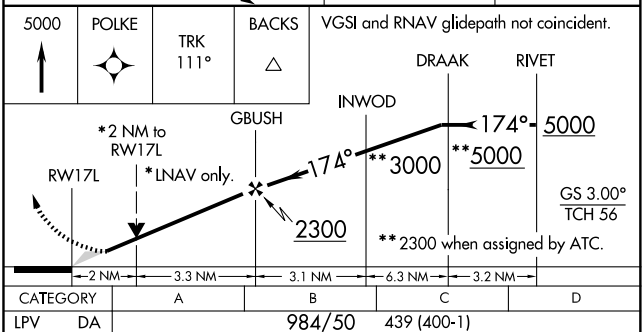
ALSF-2

MISSED APPROACH: Climb to 5000 direct POLKE and via 111° track to BACKS and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	119.4	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25







CATEGORY	A	B	C	D
LPV DA	984/50	439 (400-1)		
LNAV/VNAV DA	1042/60	497 (500-1¼)		
LNAV MDA	1240/24	695 (700-½)	1240-1½ 695 (700-1½)	1240-1¾ 695 (700-1¾)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53505 W17A	APP CRS 174°	Rwy Idg 13401 TDZE 567 Apt Elev 607

RNAV (GPS) RWY 17R

DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MALSR

MISSED APPROACH: Climb to 4000 direct BEGGO then via 177° track to JASPA and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

(IF) NETTS

5000 174° (3.2)

GARZA

2200 when assigned by ATC.

3000 174° (6.3)

YALTA

2200 174° (2.5)

(FAF) BBAKR

MSA RW17R 25 NM 3600

1548 ^

958 ^

810 ^ 1016 ^

845 ^ RW17R 742 ^ 661 ^

990 ^ 791 ^ 1049 ^

770 ± ^ 734 ^

RADAR REQUIRED

1049 ^

BEGGO 177°

MISSED APCH FIX

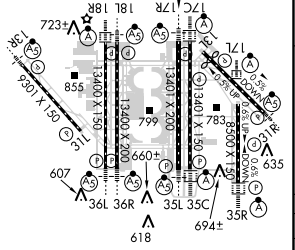
5 NM 356° 176° JASPA

ELEV 607 D

Rwy 13L-31R 9000 x 200

174° to RW17R

TDZE 567



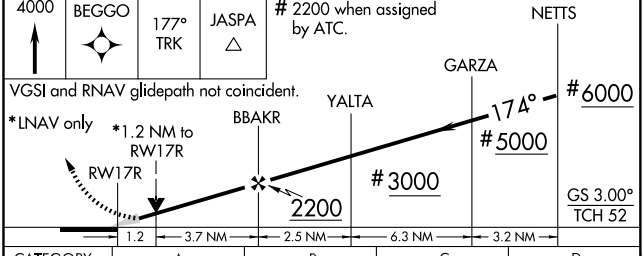
HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

4000	BEGGO	177° TRK	JASPA △

2200 when assigned by ATC.

VGSI and RNAV glidepath not coincident.

*LNAV only *1.2 NM to RW17R



CATEGORY	A	B	C	D
LPV DA	817/24 250 (300-½)			
LNAV/VNAV DA	1066/60 499 (500-1¼)			
LNAV MDA	1000/24 433 (400-½)		1000/40 433 (400-¾)	1000/50 433 (400-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 86807 W18A	APP CRS 174°	Rwy Idg 13400 TDZE 602 Apt Elev 607

RNAV (GPS) RWY 18L
DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MALSR

MISSED APPROACH: Climb to 5000 direct BASIN and via 239° track to LIKES and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	119.4	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

RADAR REQUIRED

#3000 174° (3.2) (IF) GRUCH

ALIGN

#3000 174° (6.3)

2300 174° (2.3) UDALL

(FAF) HASTY

958 1049 810 1016 845 742 730± RW18L 661 990 791 770± 734 1049 1049 1368

BASIN

239°

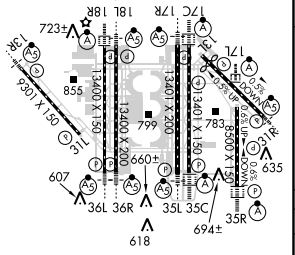
MISSED APCH FIX 5 NM 042° 222° LIKES

MSA RW18L 25 NM 3600

ELEV 607 D

174° to RW18L

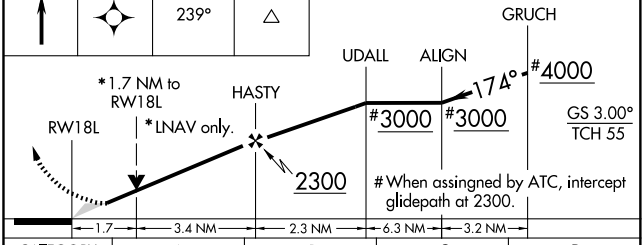
TDZE 602



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

5000 | BASIN | TRK 239° | LIKES

VGSI and RNAV glidepath not coincident.



CATEGORY		A	B	C	D
LPV	DA		802/24	200 (200-½)	
LNAV/VNAV	DA		980/40	378 (400-¾)	
LNAV	MDA	1220/24	618 (700-½)	1220/60 618 (700-1¼)	1220-1½ 618 (700-1½)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 13400
CH 99407	174°	TDZE 607
W18B		Apt Elev 607

RNAV (GPS) RWY 18R

DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 5000 direct BOBIN and via 239° track to LIKES and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	119.4	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

RADAR REQUIRED

#3000 174° (3.2) → (IF) ICKEL

YOHAN

#3000 174° (6.3)

2400 174° (2.1) → LEGRE

(FAF) NETEE

1049 958 1016 810 742 845 730± RW18R 661 990 791 1049 770± 734 1049 1049 1368

239° BOBIN

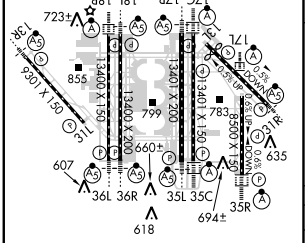
MISSED APCH FIX 5 NM 042° 222° LIKES

MSA RW 18R 25 NM 3600

ELEV 607 D

174° to RW18R

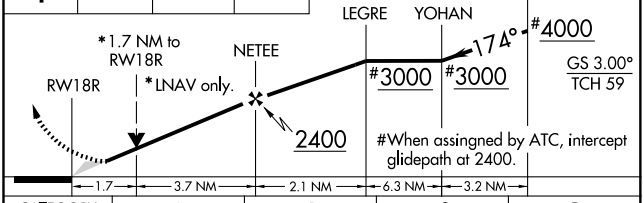
TDZE 607



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

5000	BOBIN	TRK 239°	LIKES

VGSI and RNAV glidepath not coincident.



CATEGORY	A	B	C	D
LPV DA		807/24	200 (200-½)	
LNAV/VNAV DA		980/40	373 (400-¾)	
LNAV MDA	1220/24	613 (700-½)	1220/60 613 (700-1¼)	1220-1½ 613 (700-1½)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40025 W35D	APP CRS 354°	Rwy Idg 13401 TDZE 563 Apt Elev 607

RNAV (GPS) RWY 35C

DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). For inoperative ALSF, increase LNAV/VNAV all Cats visibility to RVR 6000. DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 4000 direct BOSSI and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

RADAR REQUIRED

MISSED APCH FIX

5 NM 354° 174° BOSSI

958 1016 810 845 742 661 990 791 RW35C 1049 770± 734 1049

354°

(FAF) JOBBS

2100 (3)

DAYZZ

3000 354° (6.3)

TUFFO

5000 354° (3.2)

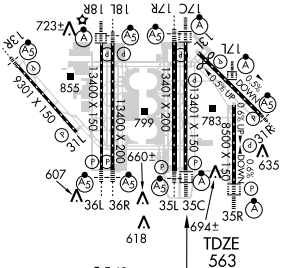
(IF) RAYMA 2549

MSA RW35C 25 NM

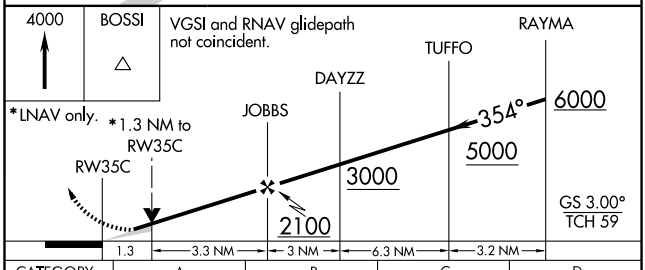
3600

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
LPV DA	813/24 250 (300-½)			
LNAV/VNAV DA	931/40 368 (400-¾)			
LNAV MDA	1040/24 477 (500-½)		1040/40 477 (500-¾)	1040/50 477 (500-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	13401
CH 45805	354°	TDZE	564
W35B		Apt Elev	607

RNAV (GPS) RWY 35L
DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F).
DME/DME RNP -0.3 NA.

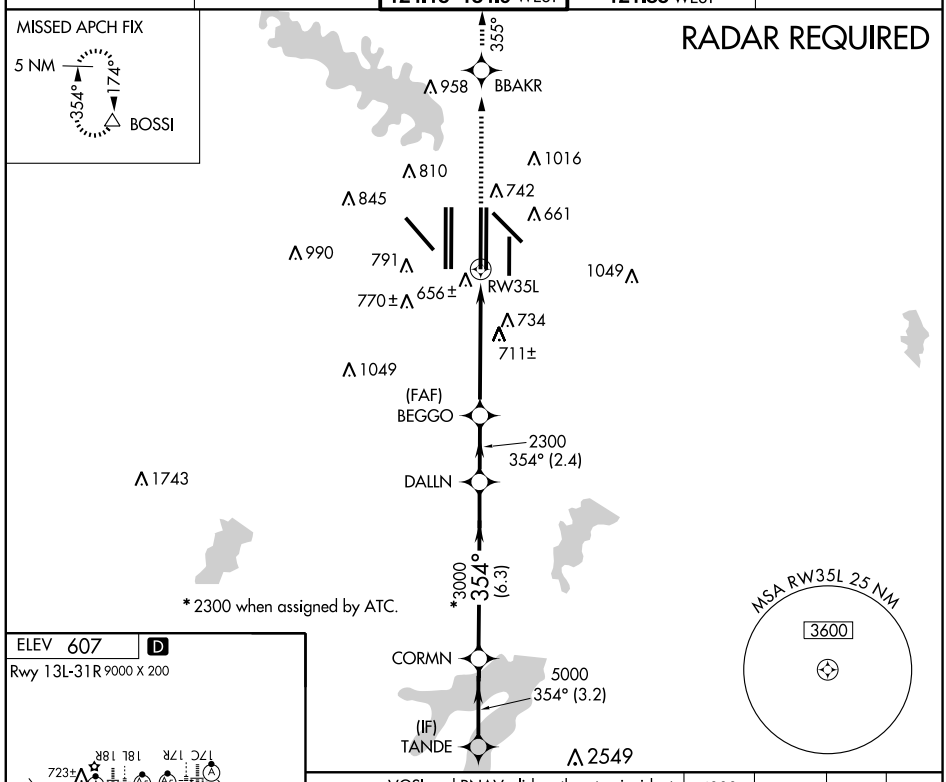
MALSR

MISSED APPROACH: Climb to 4000 direct BBAKR then via 355° track to BOSSI and hold.

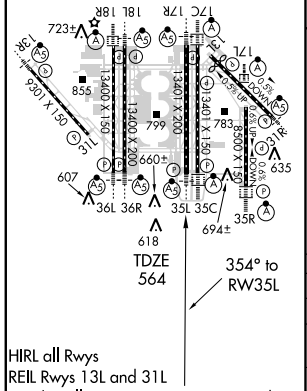
ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	127.075	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

MISSED APCH FIX
5 NM 354° 174° BOSSI

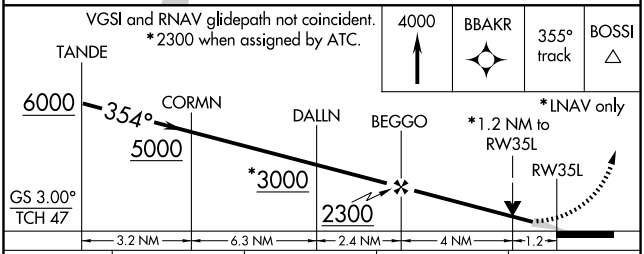
RADAR REQUIRED



ELEV 607 D
Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY		A	B	C	D
LPV	DA	814/24 250 (300-½)			
LNAV/VNAV	DA	927/40 363 (400-¾)			
LNAV	MDA	1020/24 456 (500-½)		1020/40 456 (500-¾)	1020/50 456 (500-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40401 W35A	APP CRS 354°	Rwy Idg 8500 TDZE 575 Apt Elev 607

RNAV (GPS) RWY 35R

DALLAS-FORT WORTH INTL (DFW)

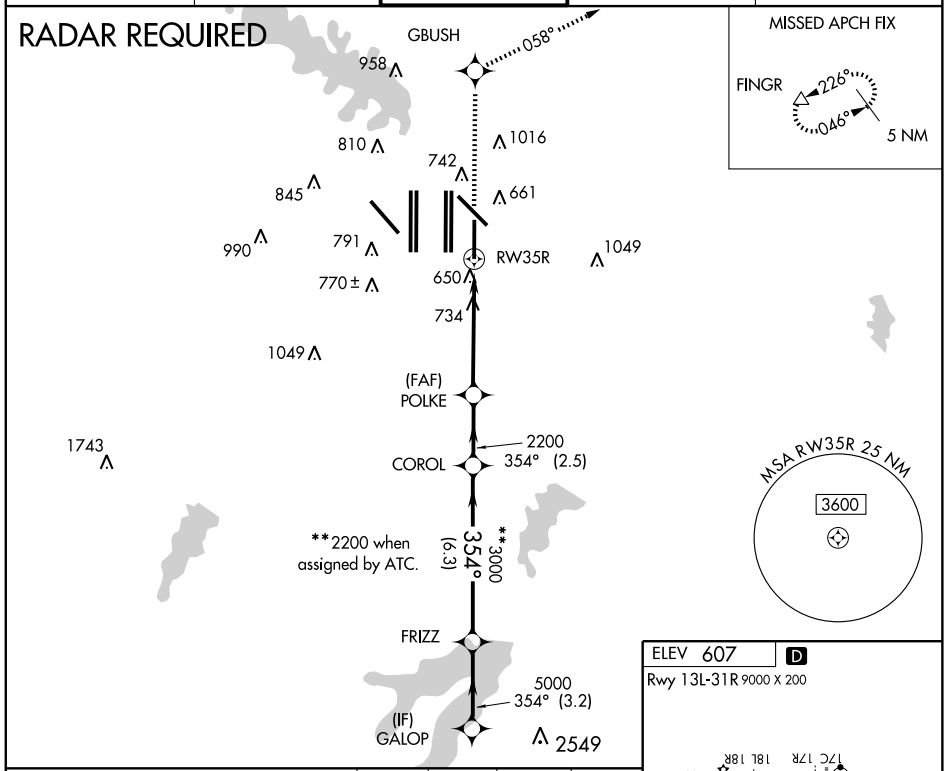
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 5000 direct GBUSH and via 058° track to FINGR and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	119.4	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

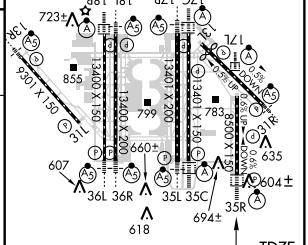
RADAR REQUIRED



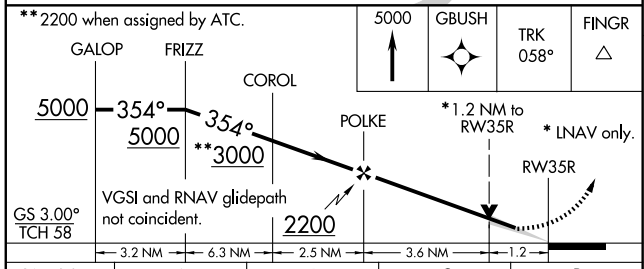
MISSED APCH FIX

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
LPV DA	825/24 250 (300-½)			
LNAV/VNAV DA	917/40 342 (400-¾)			
LNAV MDA	1040/24 465 (500-½)		1040/40 465 (500-¾)	1040/50 465 (500-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	13400
CH 93805	354°	TDZE	588
W36B		Apt Elev	607

RNAV (GPS) RWY 36L

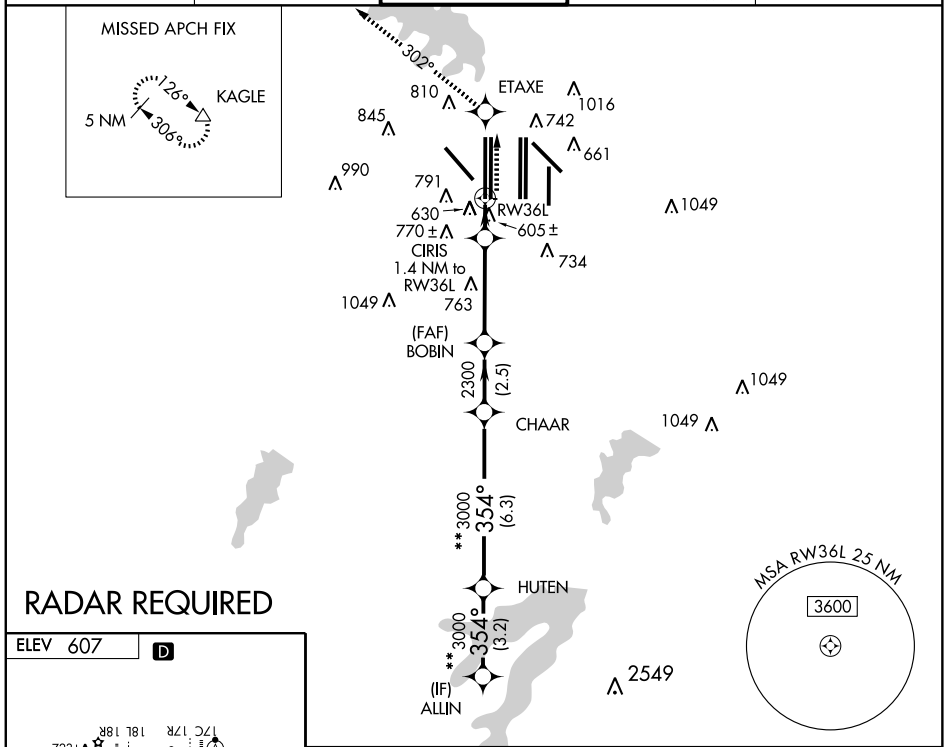
DALLAS-FORT WORTH INTL (DFW)

For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MALSR

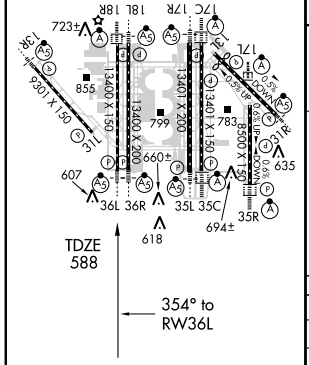
MISSED APPROACH: Climb to 5000 direct ETAXE and via 302° track to KAGLE and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

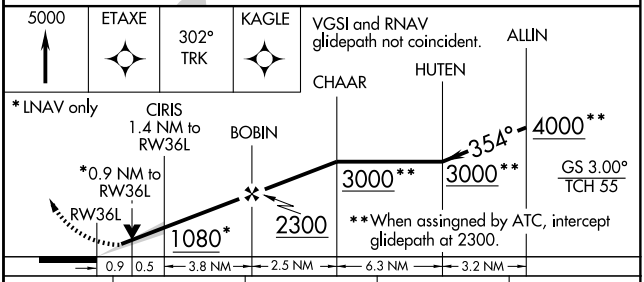


RADAR REQUIRED

ELEV 607 D



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
LPV DA	788/24 200 (200-½)			
LNAV/VNAV DA	987/50 399 (400-1)			
LNAV MDA	940/24 352 (400-½)			940/50 352 (400-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	13400
CH 87005	354°	TDZE	581
W36A		Apt Elev	607

RNAV (GPS) RWY 36R

DALLAS-FORT WORTH INTL (DFW)

T For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP -0.3 NA.

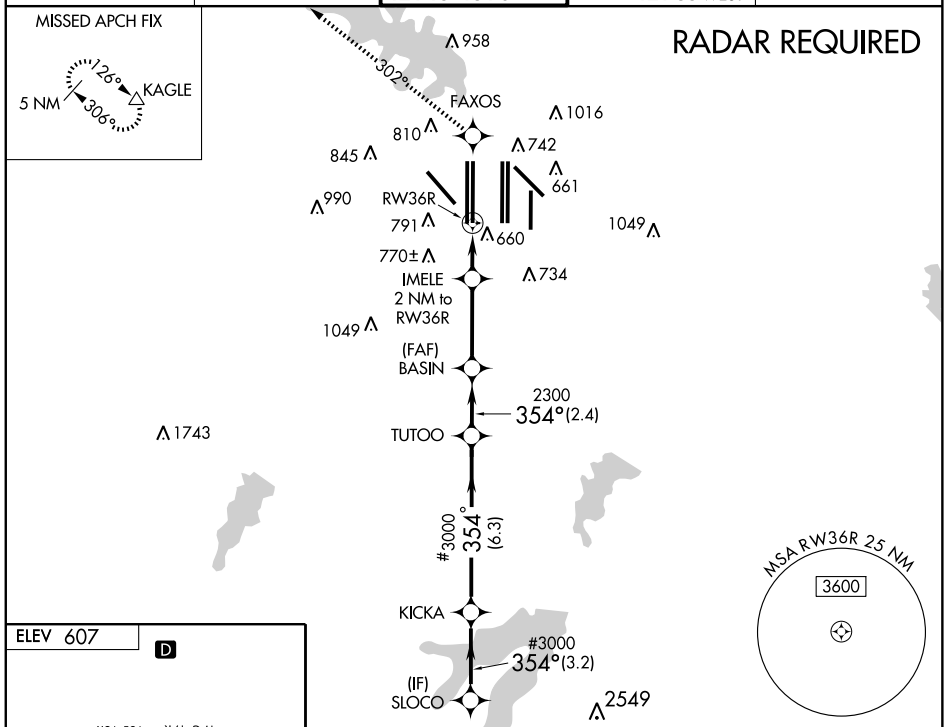
MALSR (A5)

MISSED APPROACH: Climb to 5000 direct FAXOS and via 302° track to KAGLE and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	118.425	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

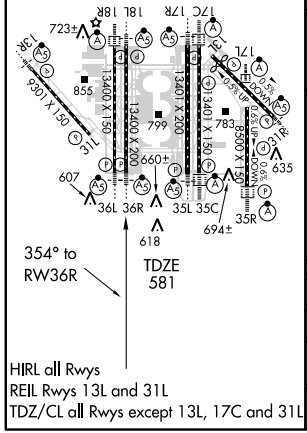
MISSED APCH FIX

RADAR REQUIRED



ELEV 607

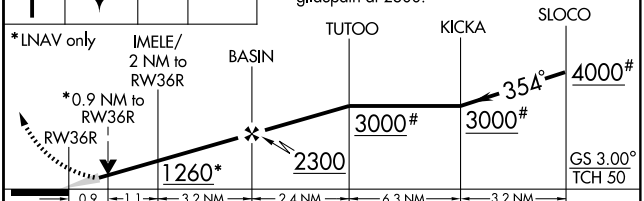
D



5000	FAXOS	302° TRK	KAGLE

VGSI and RNAV glidepath not coincident.

When assigned by ATC, intercept glidepath at 2300.



CATEGORY	A	B	C	D
LPV DA	781/24 200 (200-½)			
LNAV/VNAV DA	941/40 360 (400-¾)			
LNAV MDA	940/24 359 (400-½)			940/50 359 (400-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9301
133°	TDZE	591
	Apt Elev	607

RNAV (GPS) Y RWY 13R

DALLAS-FORT WORTH INTL (DFW)

DME/DME RNP-0.3 NA. NA	MALSR	MISSED APPROACH: Climbing right turn to 5000 direct SLOTT and hold.		
ATIS ARR 123.775 DEP 135.925	REGIONAL APP CON 133.15 118.1	DFW TOWER 126.55 127.5 EAST 124.15 134.9 WEST	GND CON 121.65 121.8 EAST 121.85 WEST	CLNC DEL 128.25

RADAR REQUIRED

*2300 when assigned by ATC.

MISSED APCH FIX 4 NM 095° 275° SLOTT

(IF) MORRY *3000 133° (4.9)

POPPA 2.3 NM to HODAX 2300 133° (2.3)

(FAF) HODAX

ANIME 1.8 NM to RW13R

RW13R

MSA RW13R 25 NM 3600

958 1016 810 780± 742 661 845 990 791 770± 734 1049 1049 1743

VGSI and descent angles not coincident.

5000 SLOTT

MORRY POPPA 2.3 NM to HODAX HODAX ANIME 1.8 NM to RW13R RW13R

*3000 133° *3000 133° 2300 3.04° TCH 55 1200

*2300 when assigned by ATC.

4.9 NM 2.3 NM 3.3 NM 1.8

CATEGORY	A	B	C	D
LNAV MDA	1080/24	489 (500-½)	1080/40 489 (500-¾)	1080/50 489 (500-1)

ELEV 607 D

Rwy 13L-31R 9000 X 200

133° to RW13R

TDZE 591

HIRL all Rwys

REIL Rwys 13L and 31L

TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9301
CH 99703	313°	TDZE	581
W31A		Apt Elev	607

RNAV (GPS) Y RWY 31L

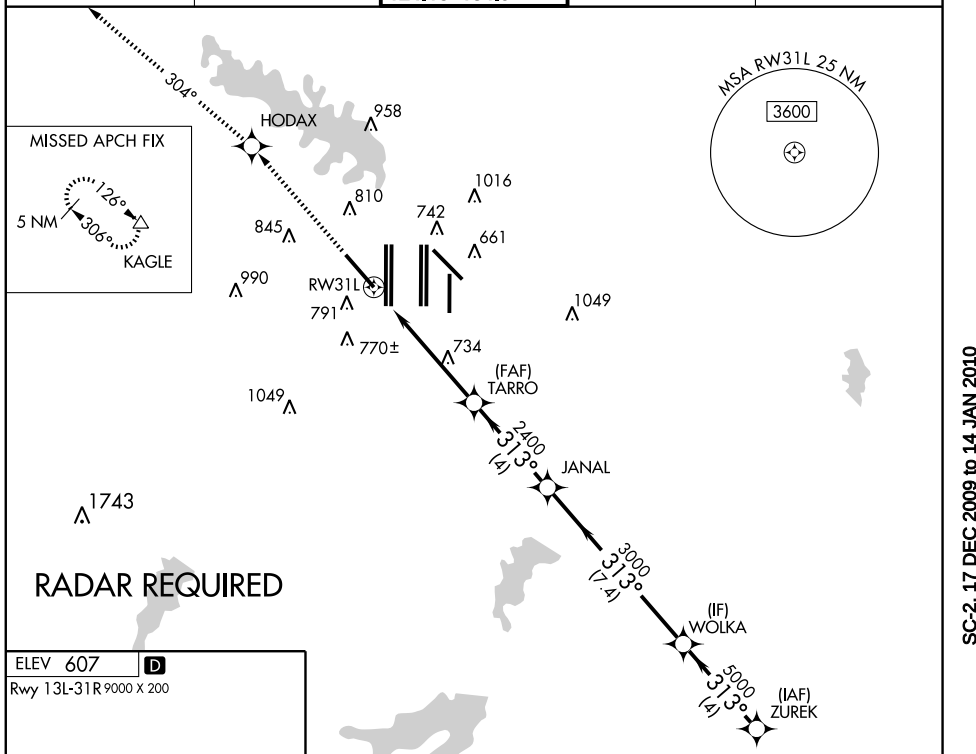
DALLAS-FORT WORTH INTL (DFW)

NA

DME/DME RNP-0.3 NA.

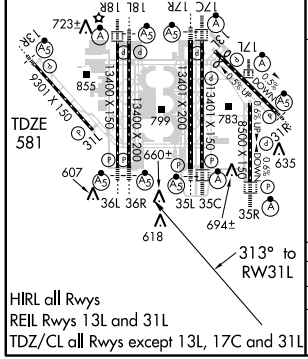
MISSED APPROACH: Climb to 5000 direct HODAX and via 304° track to KAGLE and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	133.15 118.1	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

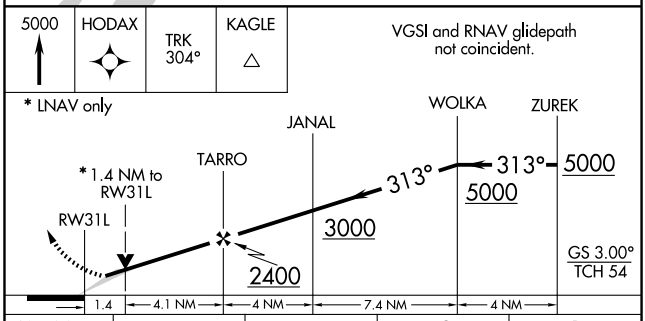


ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
LPV DA		837/40	256 (300-¾)	
LNAV MDA	1060/50 479 (500-1)		1060/60 479 (500-1¼)	1060-1½ 479 (500-1½)

DALLAS-FORT WORTH, TEXAS AL-6039 (FAA)

APP CRS	Rwy Idg	8375
309°	TDZE	523
	Apt Elev	607

RNAV (GPS) Y RWY 31R

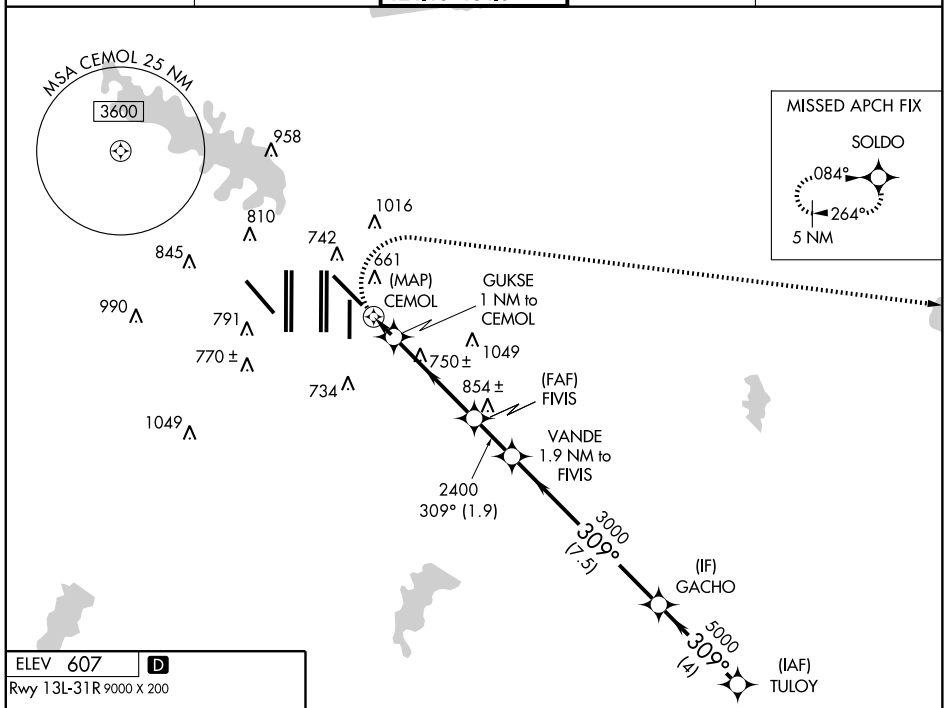
DALLAS-FORT WORTH INTL (DFW)

For inoperative MALSR, increase Cat D visibility to RVR 6000.
NA DME/DME RNP-0.3 NA.

MALSR

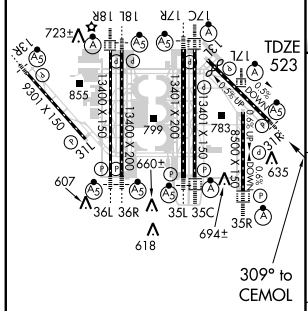
MISSED APPROACH: Climbing right turn to 5000 direct SOLDO and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	125.2 135.5	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



ELEV 607 D

Rwy 13L-31R 9000 X 200



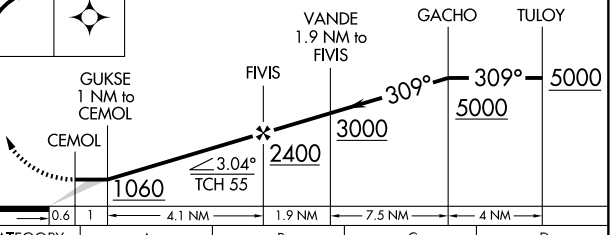
HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

2549

RADAR REQUIRED

5000	SOLDO

VGSI and descent angles not coincident.



CATEGORY	A	B	C	D
LNAV MDA	940/24 417 (400-½)		940/40 417 (400-¾)	940/50 417 (400-1)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9301
133°	TDZE	591
	Apt Elev	607

RNAV (RNP) Z RWY 13R

DALLAS-FORT WORTH INTL (DFW)

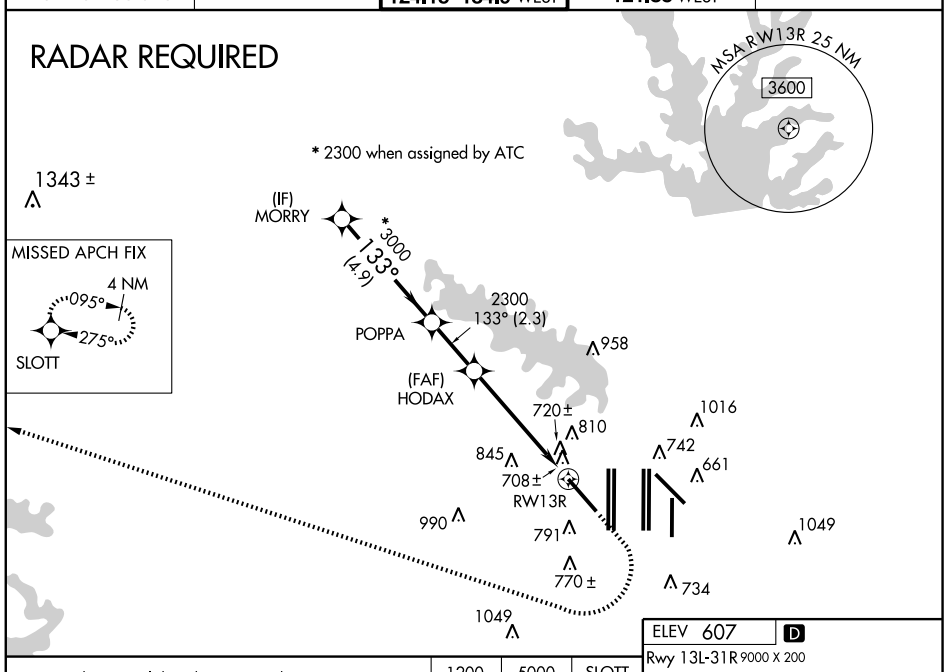
For inoperative MALSR, increase RNP 0.14 visibility to RVR 6000 and RNP 0.30 visibilities to 1½. For uncompensated Baro-VNAV systems, procedure NA below -8°C (18°F) or above 47°C (117°F). GPS required. # Missed approach requires minimum climb of 390 feet per NM to 1100.

MALSR

MISSED APPROACH: Climb to 1200, then climbing right turn to 5000 direct SLOTT and hold.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	133.15 118.1	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

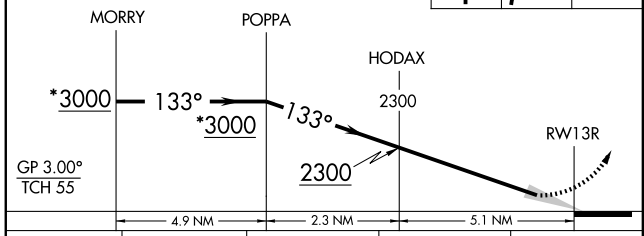
RADAR REQUIRED



VGSI and RNAV glidepath not coincident.

* 2300 when assigned by ATC

1200	5000	SLOTT



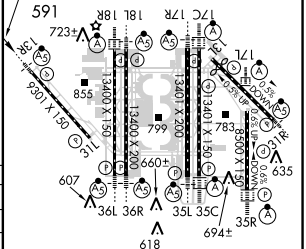
CATEGORY	A	B	C	D
RNP 0.14 DA		931/32	340 (400-⅝)	
RNP 0.30# DA		1034/50	443 (500-1)	
RNP 0.30 DA		1051/60	460 (500-1¼)	

SPECIAL AIRCRAFT & AIRCREW AUTHORIZATION REQUIRED

ELEV 607 D

Rwy 13L-31R 9000 X 200

133° to RW13R



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9301
313°	TDZE	581
	Apt Elev	607

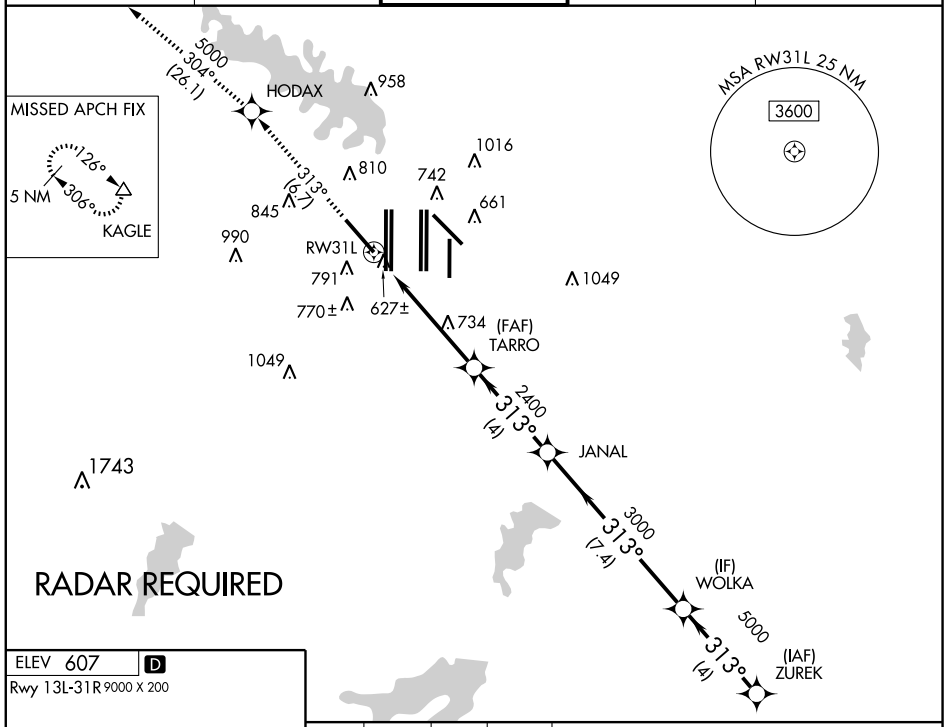
RNAV (RNP) Z RWY 31L

DALLAS-FORT WORTH INTL (DFW)

For uncompensated Baro-VNAV systems, procedure NA below -8°C (18°F) or above 47°C (117°F). GPS required.
* Missed approach requires minimum climb of 280 feet per NM to 1200.

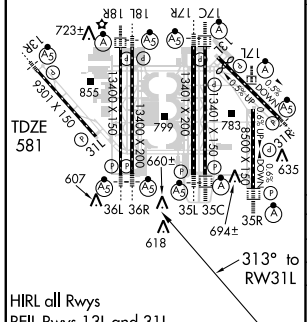
MISSED APPROACH: Climb to 5000 via track 313° to HODAX and via track 304° to KAGLE and hold.

ATIS ARR	DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	133.15 118.1	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25



ELEV 607 D

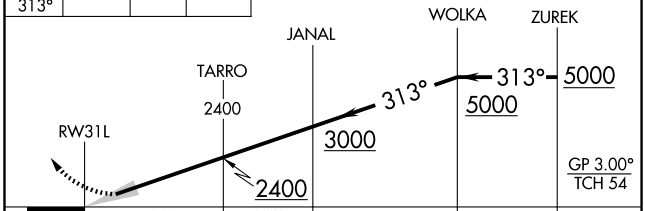
Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

5000 track 313°	HODAX	track 304°	KAGLE

VGSI and RNAV glidepath not coincident.



CATEGORY	A	B	C	D
RNP 0.30* DA		882/50	301 (300-1)	
RNP 0.30 DA		940/60	359 (400-1¼)	

SPECIAL AIRCRAFT & AIRCREW AUTHORIZATION REQUIRED

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy ldg	8375
309°	TDZE	523
	Apt Elev	607

RNAV (RNP) Z RWY 31R

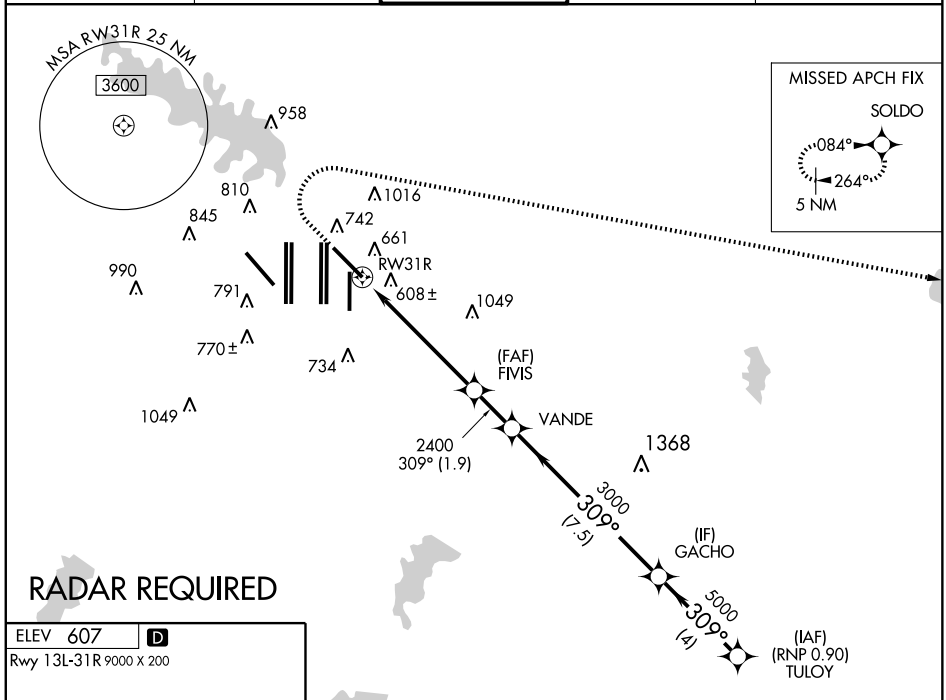
DALLAS-FORT WORTH INTL (DFW)

For inoperative MALSR, increase RNP 0.16 visibility to RVR 5000, RNP 0.28 and RNP 0.30 visibility to 1½. For uncompensated Baro-VNAV systems, procedure NA below -8°C (18°F) or above 47°C (117°F). GPS required.

MALSR

MISSED APPROACH: Climb to 1100, then climbing right turn to 5000 direct SOLDO and hold.

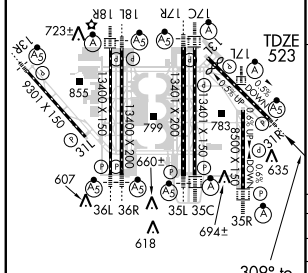
ATIS		REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR	DEP		126.55 127.5 EAST	121.65 121.8 EAST	
123.775	135.925	125.2 135.5	124.15 134.9 WEST	121.85 WEST	128.25



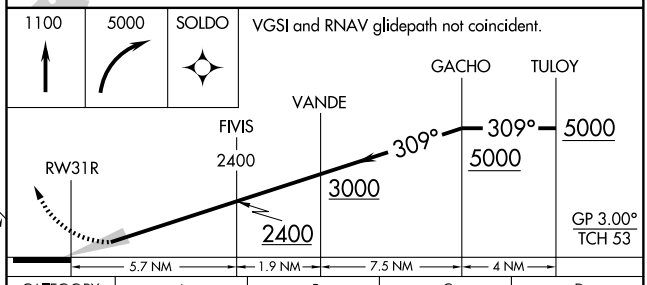
SC-2, 17 DEC 2009 to 14 JAN 2010

ELEV 607 D

Rwy 13L-31R 9000 X 200



HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



CATEGORY	A	B	C	D
RNP 0.16 DA	822/24 299 (300-½)			
RNP 0.28 DA	951/50 428 (400-1)			
RNP 0.30 DA	972/60 449 (400-1¼)			

SPECIAL AIRCRAFT & AIRCREW AUTHORIZATION REQUIRED

TAKE-OFF MINIMUMS
Rwy 17C/R, 18L/R, 35C/L, 36L/R: Standard with minimum ATC climb of 500' per NM to 5000'.
Rwy 13L/R, 31L/R, 17L, 35R: NA - Air Traffic.

ATIS 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
126.47 363.15

TUCUMCARI
TCC
FL180
292°
(182)
GUTHRIE
GTH
FL180
303°
(25)
OWING
FL180
271°
(38)
BOOMR
FL180
303°
(25)
MANKI
10000
275°
(94)
SCABI
FERRA
SLOTT
252°
(25)
RGYLE
254°
(5)
TULUY
275°
(4)
HAZKL
5000 230K
NOTE: Rwy 35C/L, 36L/R:
Do not exceed
230 kts until HAZKL.
N
1120
345°
349°
1080
354° 354° 354° 354°
NOTE: Radar required.
NOTE: For Turbo jet aircraft only.
NOTE: 1. DME/DME/IRU or GPS Required.
2. RNAV 1.
CEOLA
291°
(28)
NOTE:
Rwy 17C/R, 18L/R:
Do not exceed
230 kts until YAMEL.
1080
1100
174° 174° 174° 174°
188° 190° 200° 202°
1080
PODDE
YAMEL
5000 230K
MILLSAP
MQP
KIRST
FIRMN
268°
(5)
253°
(3)
BPARK
ABILENE
ABI
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

SLOTT TWO DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT THE KINGDOM OR COYOTE DEPARTURE

JETS

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080', then via 202° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080', then via 200° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080', then via 190° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100' then via 188° course to BPARK WP, then via 253° track to YAMEL WP, cross YAMEL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1080', then via 345° course to HAZKL WP, cross HAZKL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1080', then via 346° course to HAZKL WP, cross HAZKL WP at or above 5000', then via depicted route to SLOTT WP. Thence. . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to 1120', then direct HAZKL WP, cross HAZKL WP at or above 5000', then via 275° to TULUY WP, then via 255° track to RGYLE WP, then via depicted route to SLOTT WP. Thence. . . .

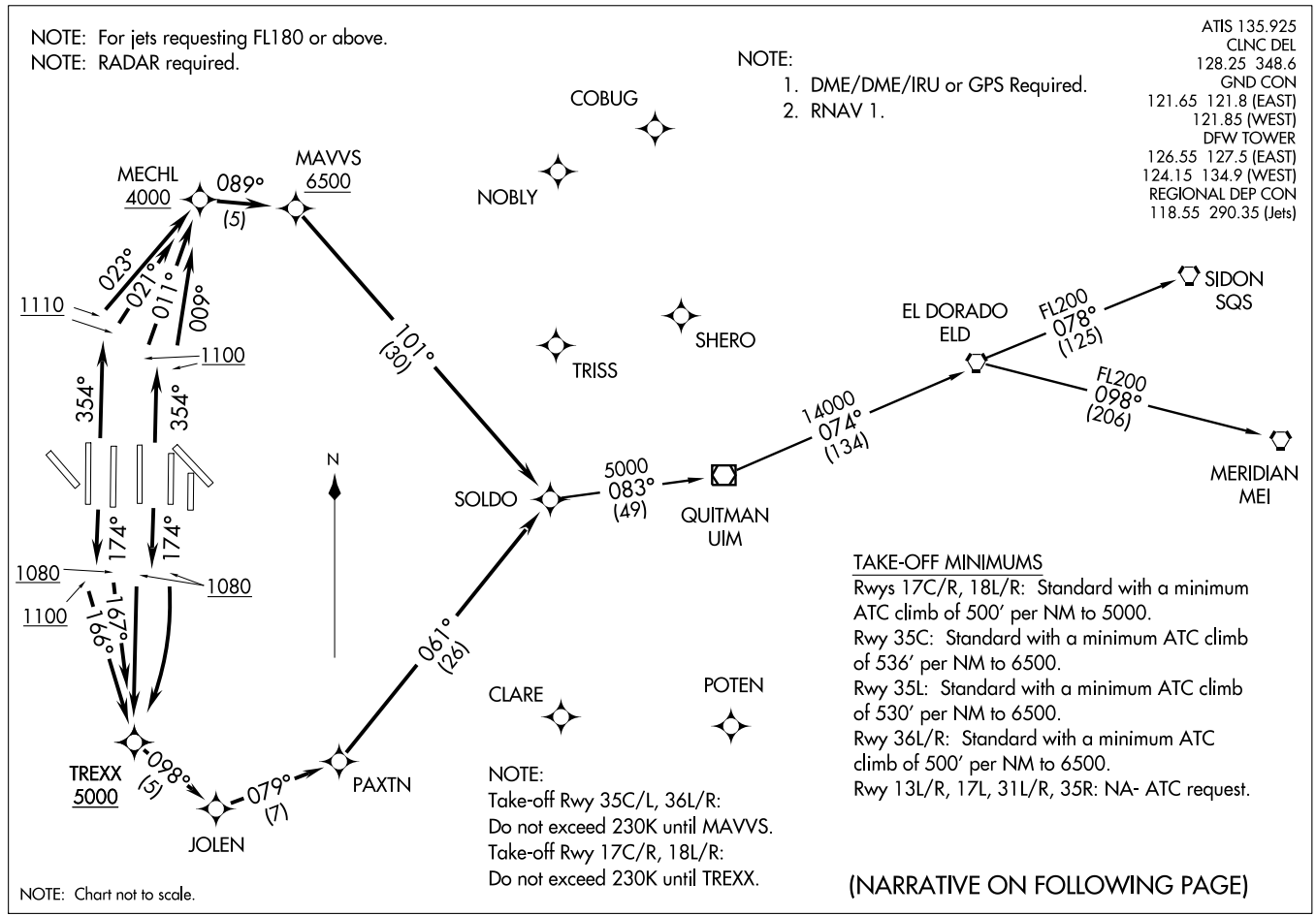
TAKE-OFF RUNWAY 36R: Climb via 354° heading to 1120', then left turn direct HAZKL WP, cross HAZKL WP at or above 5000', then via 275° to TULUY WP, then via 255° track to RGYLE WP, then via depicted route to SLOTT WP. Thence. . . .

. . . . via (transition). Maintain 10,000', expect filed altitude 10 minutes after departure.

BOOMR TRANSITION (SLOTT2.BOOMR): (For aircraft inbound to the Lubbock Terminal area only.)

GUTHRIE TRANSITION (SLOTT2.GTH)

TUCUMCARI TRANSITION (SLOTT2.TCC)


NOTE: For jets requesting FL180 or above.
NOTE: RADAR required.
NOTE:
1. DME/DME/IRU or GPS Required.
2. RNAV 1.
ATIS 135.925
CLNC DEL
128.25 348.6
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (Jets)
(SOLDO2.SOLDO) 08045
SOLDO TWO DEPARTURE (RNAV)
SL-6039 (FAA)
DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS
COBUG
NOBLY
MECHL
4000
089°
(5)
MAVVS
6500
023°
021°
011°
009°
1110
1100
354°
354°
101°
(30)
TRISS
SHERO
EL DORADO
ELD
FL200
078°
(125)
SIDON
SQS
FL200
098°
(206)
MERIDIAN
MEI
14000
074°
(134)
5000
083°
(49)
SOLDO
QUITMAN
UIM
N
174°
174°
1080
1100
1080
169°
169°
061°
(26)
CLARE
POTEN
TREXX
5000
098°
(5)
079°
(7)
PAXTN
JOLEN
TAKE-OFF MINIMUMS
Rwys 17C/R, 18L/R: Standard with a minimum ATC climb of 500′ per NM to 5000.
Rwy 35C: Standard with a minimum ATC climb of 536′ per NM to 6500.
Rwy 35L: Standard with a minimum ATC climb of 530′ per NM to 6500.
Rwy 36L/R: Standard with a minimum ATC climb of 500′ per NM to 6500.
Rwy 13L/R, 17L, 31L/R, 35R: NA- ATC request.
NOTE:
Take-off Rwy 35C/L, 36L/R:
Do not exceed 230K until MAVVS.
Take-off Rwy 17C/R, 18L/R:
Do not exceed 230K until TREXX.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

PROPS

FILE AND EXPECT WYLIE OR HUBBARD DEPARTURE

JETS

Jets requesting 17,000 and below expect GARLAND DEPARTURE

TAKE-OFF RUNWAY 17C: Climb via 174° heading to 1080, then right turn direct TREXX, cross TREXX at or above 5000, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to 1080, then direct TREXX, cross TREXX at or above 5000, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 167° course to TREXX, cross TREXX at or above 5000, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 166° course to TREXX, cross TREXX at or above 5000, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to at or above 1100, then via 009° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS, cross MAVVS at or above 6500, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to at or above 1100, then via 011° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS, cross MAVVS at or above 6500, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1110, then via 023° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS, cross MAVVS at or above 6500, then via depicted route to SOLDO. Thence. . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1110, the via 021° course to MECHL, cross MECHL at or above 4000, then via 089° track to MAVVS, cross MAVVS at or above 6500, then via depicted route to SOLDO. Thence. . . .

. . . .via (TRANSITION). Maintain 10,000. Expect filed altitude within 10 minutes after departure.

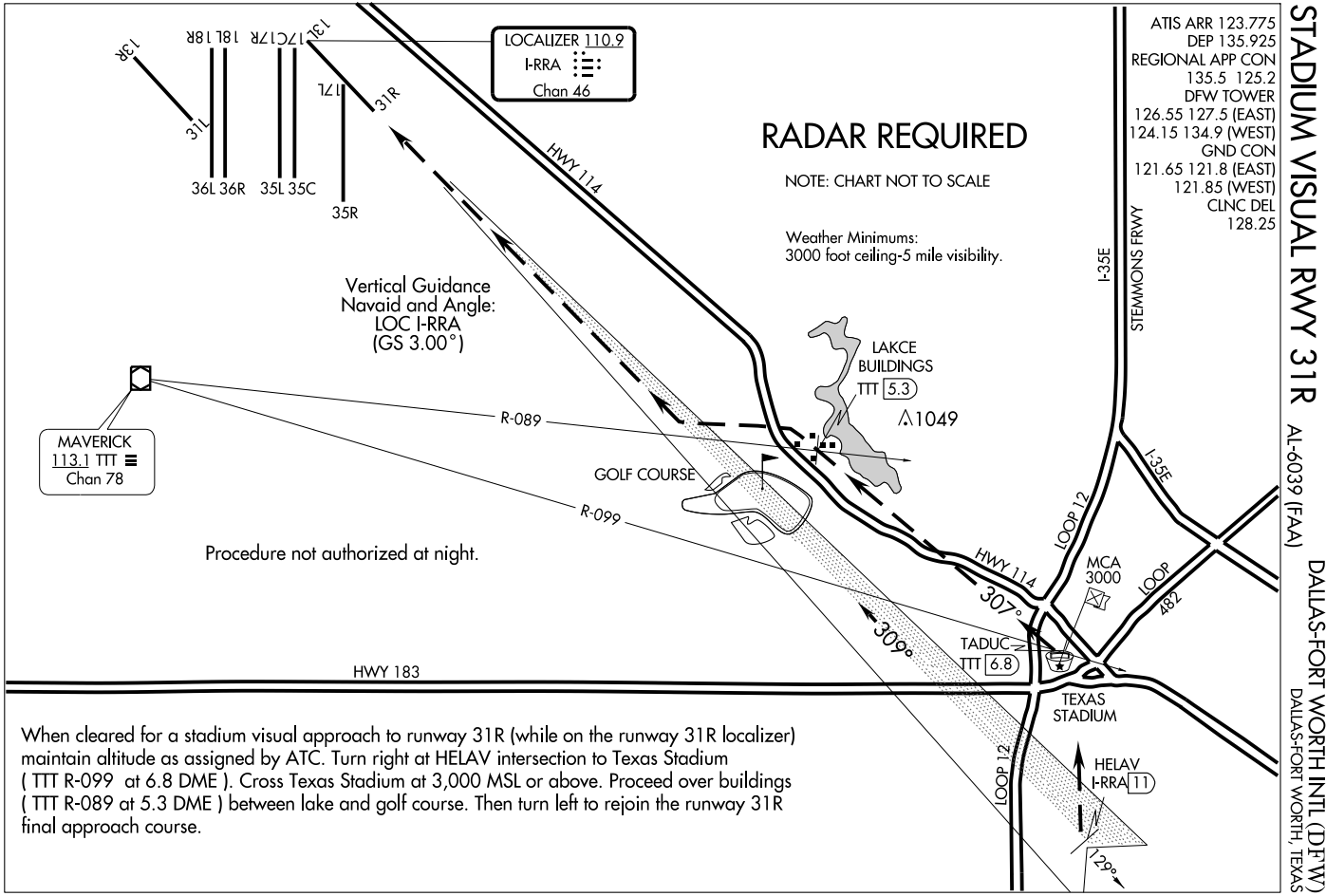
EL DORADO TRANSITION (SOLDO2.ELD): (For aircraft inbound to the MEMPHIS TERMINAL AREA. Aircraft should file and/or expect appropriate STAR.)

MERIDIAN TRANSITION (SOLDO2.MEI): (For aircraft inbound to the ATLANTA TERMINAL AREA.)

QUITMAN TRANSITION (SOLDO2.UIM): (For aircraft inbound to the SHREVEPORT TERMINAL AREA.)

SIDON TRANSITION (SOLDO2.SQS)

SC-2, 17 DEC 2009 to 14 JAN 2010


STADIUM VISUAL RWY 31R
AL-6039 (FAA)
DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS
ATIS ARR 123.775
DEP 135.925
REGIONAL APP CON
135.5 125.2
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
CLNC DEL
128.25
LOCALIZER 110.9
I-RRA
Chan 46
13R
31L
18L 18R
36L 36R
17C 17R
35L 35C
13L
17L
31R
35R
RADAR REQUIRED
NOTE: CHART NOT TO SCALE
Weather Minimums:
3000 foot ceiling-5 mile visibility.
HWY 114
I-35E
STEMMONS FRWY
Vertical Guidance
Navaid and Angle:
LOC I-RRA
(GS 3.00°)
LAKCE
BUILDINGS
TTT 5.3
1049
MAVERICK
113.1 TTT
Chan 78
R-089
R-099
GOLF COURSE
Procedure not authorized at night.
LOOP 12
I-35E
MCA
3000
307°
309°
LOOP
482
TADUC
TTT 6.8
HWY 183
TEXAS
STADIUM
HELAV
I-RRA 11
229°
When cleared for a stadium visual approach to runway 31R (while on the runway 31R localizer) maintain altitude as assigned by ATC. Turn right at HELAV intersection to Texas Stadium (TTT R-099 at 6.8 DME). Cross Texas Stadium at 3,000 MSL or above. Proceed over buildings (TTT R-089 at 5.3 DME) between lake and golf course. Then turn left to rejoin the runway 31R final approach course.

(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)
DALLAS-FORT WORTH, TEXAS

ATIS 135.925
CLNC DEL 128.25
GND CON 121.65 121.8 (EAST) 121.85 (WEST)
DFW TOWER 126.55 127.5 (EAST) 124.15 134.9 (WEST)
REGIONAL DEP CON
125.12 319.85 (Departing North)
126.47 363.15 (Departing South via FUZ R-248 or FUZ R-360)
118.55 290.35 (Departing South via FUZ R-013 or FUZ R-022)

TAKE-OFF OBSTACLES:
Rwy 31L: Multiple trees, 928′ to 2034′ from DER, 724′ to 873′ left of centerline, up to 32′ AGL/654′ MSL.
Rwy 35R: Multiple Buildings beginning 5443′ from DER, 202′ right of centerline, up to 173′ AGL/714′MSL.

TULSA
114.4 TUL
Chan 91
N36°11.78′
W95°47.29′
L-15, H-6

OKMULGEE
114.9 OKM
Chan 96
N35°41.59′
W95°51.96′
L-15, H-6

MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6

ROLLS
N35°43.36′
W99°28.24′
L-15, H-6

WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6

ZEMMA
N34°23.03′
W96°59.40′
L-17, H-6

MRMAC
N34°50.48′
W98°06.57′

EAKER
N34°19.05′
W96°37.19′
L-17,H-6

TIKYS
N34°04.00′
W96°25.56′

ARDMORE
116.7 ADM
Chan 114
N34°12.70′-W97°10.09
L-17, H-6

TEXOMA
114.3 URH
Chan 90

BLECO
N33°27.05′
W97°06.54′
L-17

GRABE
N33°27.09′
W96°57.69′
L-17

BOWIE
112.4 UKW
Chan 71

LOWGN
N33°27.05′
W97°14.99′

AKUNA
N33°27.04′
W96°49.39′

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104
N32°53.37′-W97°10.77′

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

TAKE-OFF MINIMUMS:
Rwys 13L, 13R, 17C, 17L, 17R, 18L, 18R, 31L, 31R, 35C, 35L, 36L, 36R: STANDARD.
Rwy 35R: 200-1½ or Standard with minimum climb of 221′ per NM to 800, or alternatively, with Standard takeoff minimums and a normal 200′/NM climb gradient, takeoff must occur no later than 1,700′ prior to DER.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

PROPS
EXPECT JACKY OR TRI-GATE DEPARTURE.

JETS
UNLESS OTHERWISE ADVISED, MAINTAIN 10,000 FEET AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. MAINTAIN 240 KIAS UNTIL LEAVING 5000.

TAKE-OFF RUNWAYS 13L/R, 17L, 31L/R, 35R: Climb via assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAYS 17C/R: Climb via heading 160°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 18L/R: Climb via heading 185°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 35L/C: Climb via heading 005°, expect vector to appropriate route.
TAKE-OFF RUNWAYS: 36L/R: Climb via heading 345° to TTT VOR/DME 7.3 DME then via heading 340°, expect vector to appropriate route.

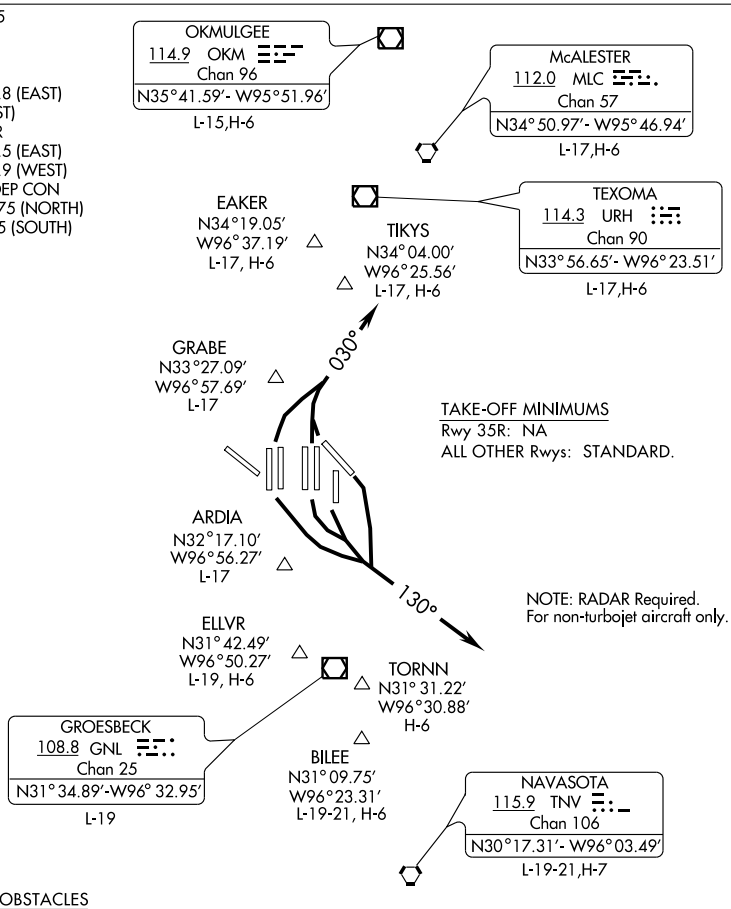
ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.
BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.
EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.
GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.
MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.
OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.
TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.
WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.
ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

TRI-GATE SIX DEPARTURE

SL-6039 (FAA)

ATIS 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
124.3 282.275 (NORTH)
125.2 343.65 (SOUTH)



TAKE-OFF OBSTACLES
Rwy 31L: Tree 1229' from DER, 730' right of centerline, 28' AGL/637'MSL.
Trmsn Pole 3403' from DER, 1399' right of centerline, 86' AGL/708' MSL.
Multiple Trees beginning 928' from DER, 724' left of centerline, up to 55' AGL/654' MSL.

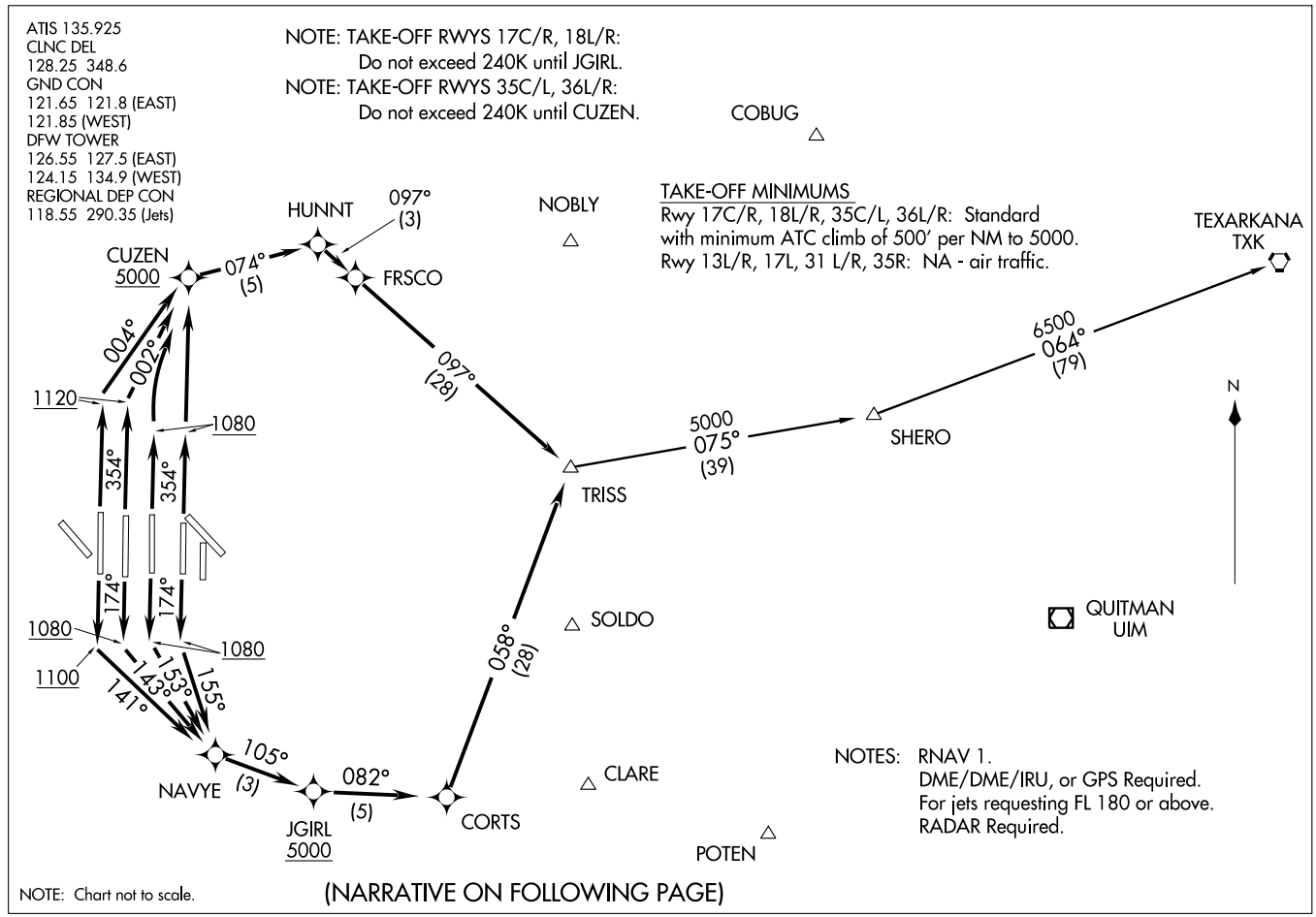
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 13L/R, 17L/C/R, 18L/R: Fly heading 130°, expect vector to appropriate fix. Thence. . . .
TAKE-OFF RUNWAYS 31R, 35L/C, 36L/R: Fly heading 030°, expect vector to appropriate fix. Thence. . . .

. . . . Maintain 2000 or as assigned by ATC, expect filed altitude ten minutes after departure.

SC-2, 17 DEC 2009 to 14 JAN 2010


ATIS 135.925
CLNC DEL
128.25 348.6
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
118.55 290.35 (Jets)
NOTE: TAKE-OFF RWYS 17C/R, 18L/R:
Do not exceed 240K until JGIRL.
NOTE: TAKE-OFF RWYS 35C/L, 36L/R:
Do not exceed 240K until CUZEN.
COBUG
TAKE-OFF MINIMUMS
Rwy 17C/R, 18L/R, 35C/L, 36L/R: Standard
with minimum ATC climb of 500' per NM to 5000.
Rwy 13L/R, 17L, 31 L/R, 35R: NA - air traffic.
HUNNT
097°
(3)
NOBLY
TEXARKANA
TXK
CUZEN
5000
074°
(5)
FRSCO
004°
002°
1120
1080
097°
(28)
6500
064°
(79)
354°
354°
5000
075°
(39)
SHERO
TRISS
N
174°
174°
1080
1080
1100
141°
143°
153°
155°
QUITMAN
UIM
SOLDO
058°
(28)
105°
NAVYE
(3)
082°
(5)
CLARE
JGIRL
5000
CORTS
POTEN
NOTES: RNAV 1.
DME/DME/IRU, or GPS Required.
For jets requesting FL 180 or above.
RADAR Required.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

PROPS

File and Expect WYLIE or HUBBARD Departure

JETS

Jets requesting 17000' and below expect the GARLAND DEPARTURE

TAKE-OFF RUNWAY 17C: Climb via 174° heading to at or above 1080, then via 155° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 17R: Climb via 174° heading to at or above 1080, then via 153° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 18L: Climb via 174° heading to at or above 1080, then via 143° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 18R: Climb via 174° heading to at or above 1100, then via 141° course to NAVYE, then via 105° track to JGIRL, cross JGIRL at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 35C: Climb via 354° heading to 1080, then direct CUZEN, cross CUZEN at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 35L: Climb via 354° heading to 1080, then right turn direct CUZEN, cross CUZEN at or above 5000 then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 36L: Climb via 354° heading to at or above 1120, then via 004° course to CUZEN, cross CUZEN at or above 5000, then via depicted route to TRISS, Thence . . . .

TAKE-OFF RUNWAY 36R: Climb via 354° heading to at or above 1120, then via 002° course to CUZEN, cross CUZEN at or above 5000, then via depicted route to TRISS, Thence . . . .

. . . . via (transition). Maintain 10000', expect filed altitude 10 minutes after departure.

TEXARKANA TRANSITION (TRISS3.TXK)

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME TTT	APP CRS	Rwy Idg 9301
113.1	132°	TDZE 591
Chan 78		Apt Elev 603

VOR RWY 13R

DALLAS-FORT WORTH INTL (DFW)

T

MALSR

MISSED APPROACH: Climbing right turn to 5000 via TTT R-275 to SLOTT INT/TTT 35.6 DME.

ATIS ARR	ATIS DEP	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
123.775	135.925	118.1 133.15	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

RADAR REQUIRED

MSA TTT 25 NM
2600
090° 270°
3500

10 NM

R-312

CEKHI INT
TTT 15
RADAR

EPOVE INT
TTT 11
RADAR

SULHU INT
TTT 7.5
RADAR

3000
132°
(4)

2000
132°
(3.5)

R-352
R-337
R-019
TTT R-275

132°

958
895
810
742
1016
661
845
791
990
1049
770±
734
1049

RANGER
115.7 FUZ
Chan 104

MAVERICK
113.1 TTT
Chan 78

MISSED APCH FIX
112.4 UKW
Chan 71
095°
R-275
275°
R-166
113.1 TTT
Chan 78
SLOTT
TTT 35.6
1743

CEKHI INT
TTT 15
RADAR

EPOVE INT
TTT 11
RADAR

SULHU INT
TTT 7.5
RADAR

3000
132°
3000
2000
2.99°
TCH 55

TTT 4.7
TTT 3.3

5000
TTT R-275
SLOTT

4 NM 3.5 NM 2.8 NM 1.4 NM 0.1

ELEV 603 D
Rwy 13L-31R 9000 X 200

132° 4.3 NM from FAF

TDZE 591

HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L

CATEGORY	A	B	C	D
S-13R	1100/24 509 (600-½)		1100/50 509 (600-1)	

FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME TTT	APP CRS	Rwy Idg	9301
113.1	312°	TDZE	581
Chan 78		Apt Elev	607

VOR RWY 31L

DALLAS-FORT WORTH INTL (DFW)

MISSED APPROACH: Climb to 1200 then climbing left turn to 5000 via heading 300° and TTT R-306.36 to KAGLE INT/TTT 34.4 DME and hold.

ATIS	REGIONAL APP CON	DFW TOWER	GND CON	CLNC DEL
ARR 123.775 DEP 135.925	135.5 125.2	126.55 127.5 EAST 124.15 134.9 WEST	121.65 121.8 EAST 121.85 WEST	128.25

RADAR REQUIRED

MISSED APCH FIX

KAGLE INT
TTT 34.4

126°
306°
TTT R-306

TTT R-306

10 NM

958
1016
810
742
845
661
990
791
670±
770±
734
1200
312° (1.5)
1400
312° (4.5)
1049
1049
R-242
R-201
R-132

COWBOY
116.2 CVE
Chan 109

MAVERICK
113.1 TTT
Chan 78

(IF)
HILEG INT
TTT 6
RADAR

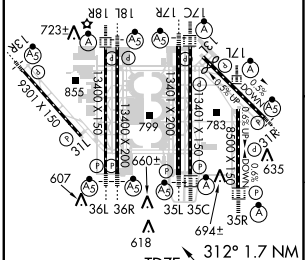
HATOV INT
TTT 1.5
RADAR

1743

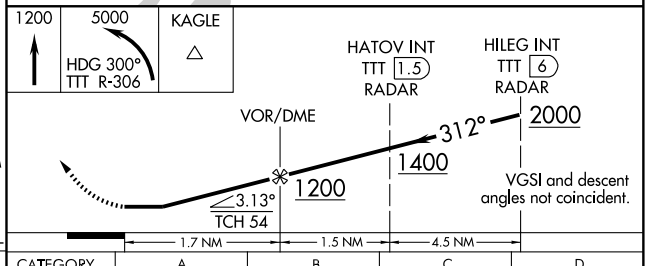
MSA TTT 25 NM
2700
090° 270°
3500

ELEV 607 D

Rwy 13L-31R 9000 X 200



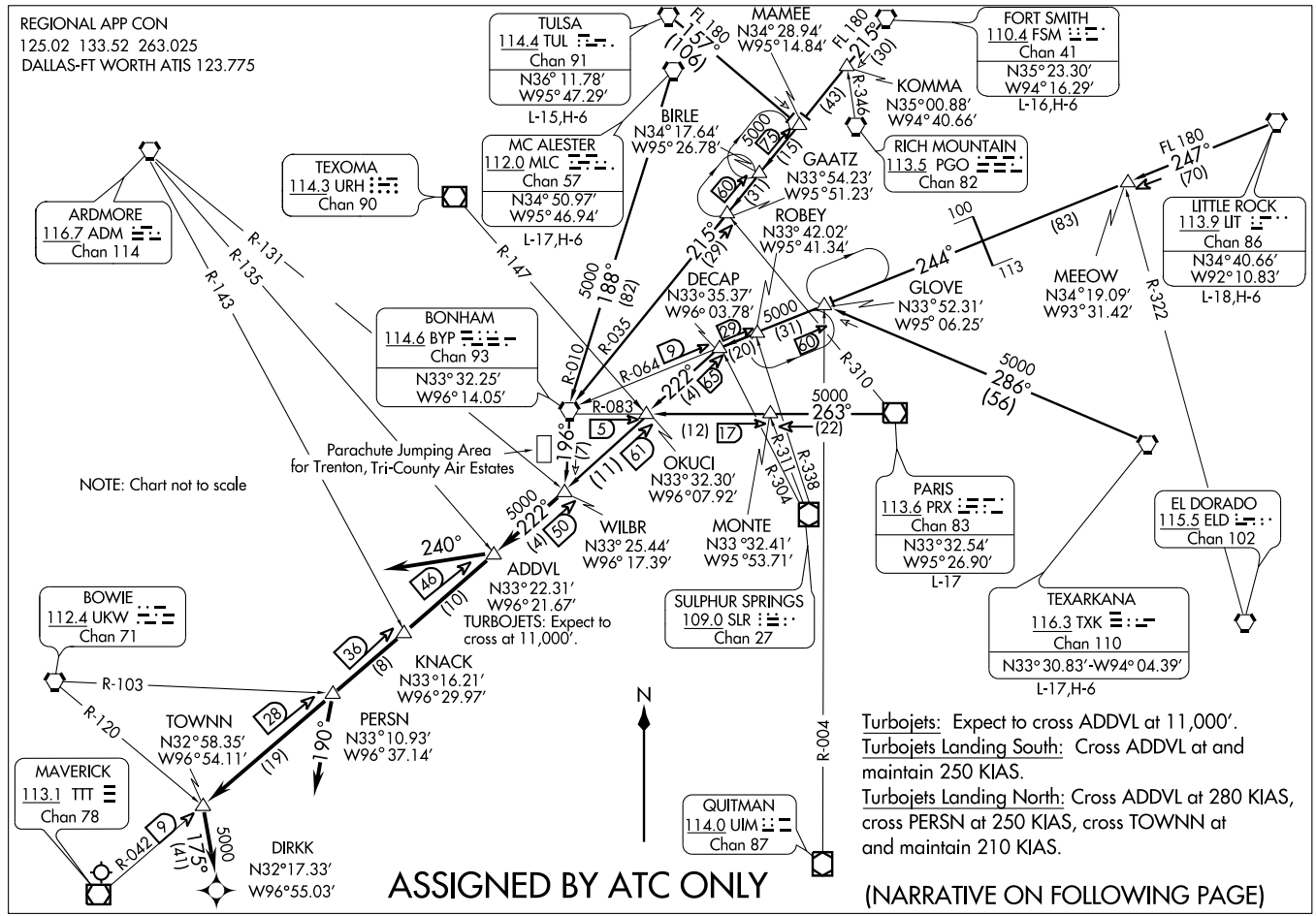
HIRL all Rwys
REIL Rwys 13L and 31L
TDZ/CL all Rwys except 13L, 17C and 31L



FAF to MAP 1.7 NM					
Knots	60	90	120	150	180
Min:Sec	1:43	1:08	0:51	0:41	0:34

CATEGORY	A	B	C	D
S-31L	1020/50	439 (500-1)	1020/60 439 (500-1¼)	1020-1½ 439 (500-1½)

SC-2, 17 DEC 2009 to 14 JAN 2010



(WILBR.WILBR3) 07298

WILBR THREE ARRIVAL

ST-6039 (FAA)

DALLAS- FORT WORTH INTL

DALLAS-FT. WORTH, TEXAS

WILBR THREE ARRIVAL

ARRIVAL DESCRIPTION

FORT SMITH TRANSITION (FSM.WILBR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-196 to WILBR INT. Thence . . . .

LITTLE ROCK TRANSITION (LIT.WILBR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to DECAP INT, then via TTT R-042 to WILBR INT. Thence . . . .

MCALESTER TRANSITION (MLC.WILBR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-196 to WILBR INT. Thence . . . .

PARIS TRANSITION (PRX.WILBR3): From over PRX VOR/DME via PRX R-263 and BYP R-083 to OKUCI INT, then via TTT R-042 to WILBR INT. Thence . . . .

TEXARKANA TRANSITION (TXK.WILBR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to DECAP INT, then via TTT R-042 to WILBR INT. Thence . . . .

TULSA TRANSITION (TUL.WILBR3): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-196 to WILBR INT. Thence . . . .

. . . .ALL AIRCRAFT: From over WILBR INT via TTT R-042, thence . . . .

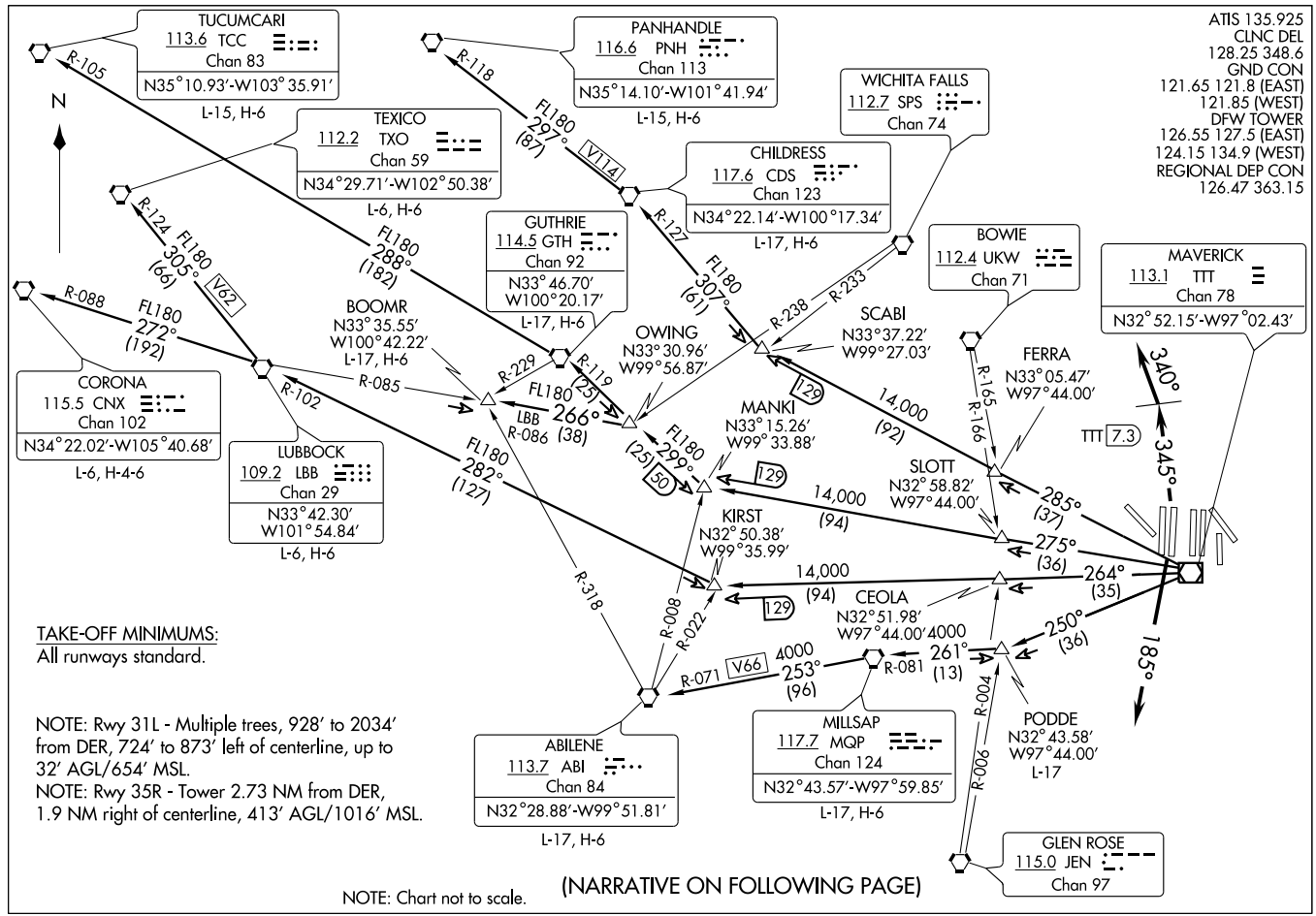
. . . . ALL AIRCRAFT LANDING SOUTH: To ADDVL INT, then depart ADDVL INT heading 240°, Expect vectors to final approach course.

. . . . JETS LANDING NORTH: For /E, /F, /G and /R (RNP-2.0) EQUIPPED AIRCRAFT: From over TOWNN INT direct DIRKK WP, Expect vector to final approach course prior to DIRKK WP. If not received by DIRKK WP, fly present heading.

. . . . ALL OTHER JETS LANDING NORTH: to TOWNN, depart TOWNN INT heading 175° for vector to final approach course.

. . . . PROPS LANDING NORTH: Depart PERSN INT heading 190°, Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



ATIS 135.925
CLNC DEL
128.25 348.6
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
126.47 363.15

WORTH FIVE DEPARTURE (WORTH5.111) 08269

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

PROPS

EXPECT THE COYOTE OR KINGDOM DEPARTURE

JETS

UNLESS OTHERWISE ADVISED, MAINTAIN 10,000 FEET AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. MAINTAIN 230 KIAS UNTIL LEAVING 5,000'.

TAKE-OFF RUNWAYS 13L/R, 17L/C/R, 31L/R, 35L/C/R: Climb via assigned heading and altitude, expect vector to appropriate route.
TAKE-OFF RUNWAYS 18L/R: Climb via heading 185°, expect vector to appropriate route.
TAKE-OFF RUNWAYS 36L/R: Climb via heading 345° to TTT VOR/DME 7.3 DME then via heading 340°, expect vector to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

WYLIE FIVE DEPARTURE

SL-6039 (FAA)

DALLAS-FORT WORTH INTL (DFW)

DALLAS-FORT WORTH, TEXAS

ATIS DEP 135.925
CLNC DEL
128.25
GND CON
121.65 121.8 (EAST)
121.85 (WEST)
DFW TOWER
126.55 127.5 (EAST)
124.15 134.9 (WEST)
REGIONAL DEP CON
124.3 282.35
(DEPARTING NORTH)
125.2 343.65
(DEPARTING SOUTH)

NOTE:
1016′ MSL tower 2.73 NM from departure end of runway 35R.

TAKE-OFF MINIMUMS
Rwys 13L/R, 17L/R/C, 18L/R, 31L/R, 35L/C, 36L/R: Standard.

Rwy 35R: 200-1½ or standard with a minimum climb of 221′ per NM to 800, or alternatively, with standard takeoff minimums and a normal 200 ft/NM climb gradient, takeoff must occur no later than 1700 ft prior to departure end of runway.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′-W92°10.83′
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.40′
L-17, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

ORTRO
N33°41.47′
W94°12.75′

COBUG
N33°17.38′
W95°37.68′

BONHAM
114.6 BYP
Chan 93

EL DORADO
115.5 ELD
Chan 102
N33°15.37′-W92°44.64′
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83′-W90°16.64′
L-18, H-6

NOBLY
N33°04.94′
W96°19.96′

TRISS
N32°58.20′
W96°19.94′

SHERO
N33°04.49′
W95°33.78′

SOLDO
N32°51.92′
W96°19.94′
L-17

QUITMAN
114.0 UIM
Chan 87
N32°52.83′-W95°22.01′
L-17, H-6

SHRLY
N32°44.60′
W94°18.17′

MERIDIAN
117.0 MEI
Chan 117
N32°22.71′-W88°48.26′
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28′-W93°48.60′
L-17, H-6

CLARE
N32°45.66′
W96°19.93′

POTEN
N32°39.33′
W95°40.03′

TEKBE
N32°42.80′
W94°47.73′

SAWMILL
113.75 SWB
Chan 84 (Y)
N31°58.39′-W92°40.63′
L-22, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

GREGG COUNTY
112.3 GGG
Chan 70

NOTE: For Props requesting FL240 and above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

JETS

Expect DALLAS or GARLAND DEPARTURE

PROPS

PROPS REQUESTING FL230 AND BELOW EXPECT HUBBARD DEPARTURE

TAKE-OFF RUNWAY 13L: Climb heading 130°, expect vector to appropriate route. Thence. . . .
TAKE-OFF RUNWAYS 13R, 17L/C/R, 18L/R: Climb heading 130°, expect vector to appropriate route. Thence. . . .
TAKE-OFF RUNWAYS 31L/R, 35L/C, 36L/R: Climb heading 030°, expect vector to appropriate route. Thence. . . .
TAKE-OFF RUNWAY 35R: Climb heading 354° to 1200 then via heading 030°, expect vector to appropriate route. Thence. . . .
. . . . Maintain 2,000 feet and expect filed altitude 10 minutes after departure.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.
TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 31L, tree 1229′ from DER, 730′ right of centerline, 28′ AGL/637′ MSL. Trmsn pole 3403′ from DER, 1399′ right of centerline, 86′ AGL/708′ MSL. Multiple trees beginning 928′ from DER, 724′ left of centerline, up to 55′ AGL/654′ MSL.
Rwy 35R, multiple buildings beginning 5443′ from DER, 202′ right of centerline, up to 173′ AGL/714′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

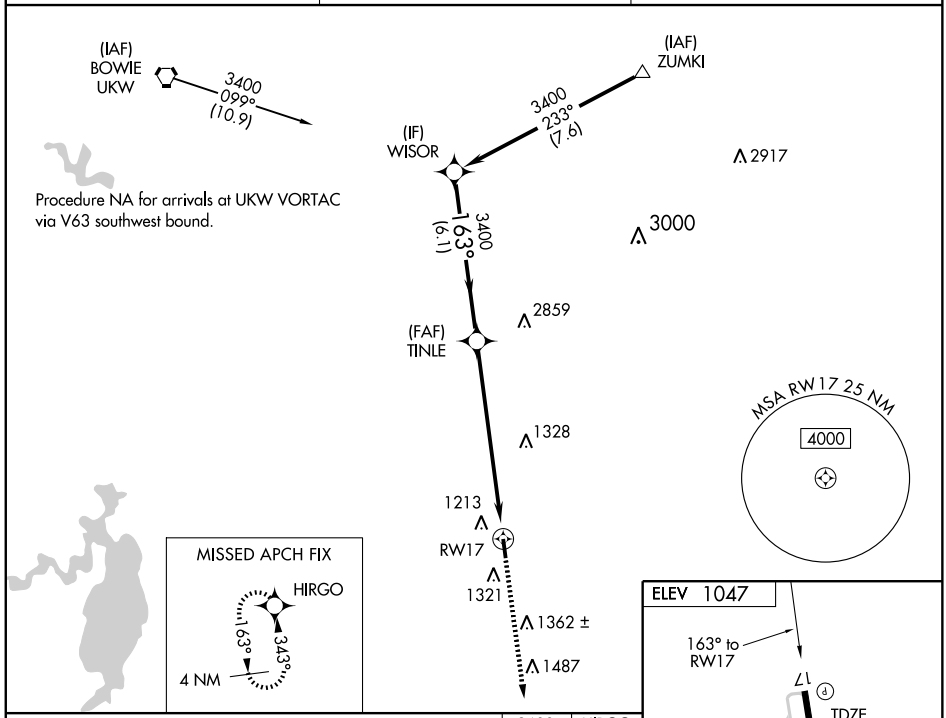
WAAS	APP CRS	Rwy Idg	4200
CH 40107	163°	TDZE	1047
W17A		Apt Elev	1047

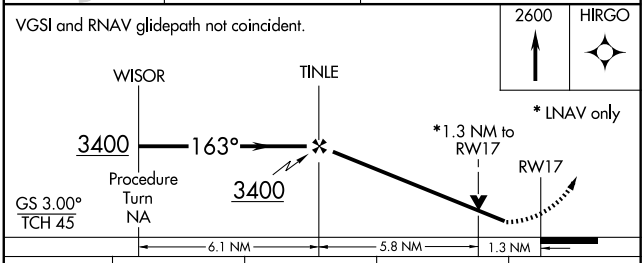
RNAV (GPS) RWY 17
DECATUR MUNI (LUD)

When local altimeter setting not received, use Fort Worth Meacham Intl altimeter setting and increase all DAs 113 feet, and all MDAs 120 feet, increase LPV visibilities ¼ mile, LNAV/VNAV visibilities ½ mile, and circling Cat B visibility ¼ mile. BARO-VNAV and VDP NA when using Fort Worth Meacham Intl altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

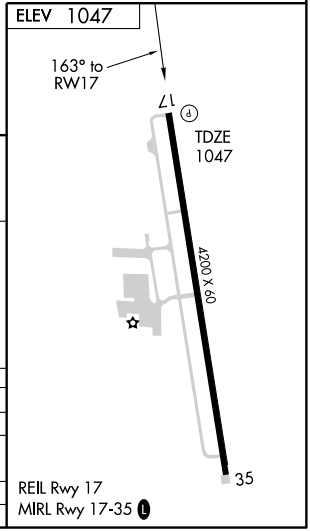
MISSED APPROACH: Climb to 2600 direct HIRGO and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.225	118.1 306.95	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1297-1	250 (300-1)	NA	
LNAV/VNAV DA	1459-1½	412 (500-1½)	NA	
LNAV MDA	1560-1	513 (600-1)	NA	
CIRCLING	1680-1	633 (700-1)	NA	



SC-2, 17 DEC 2009 to 14 JAN 2010

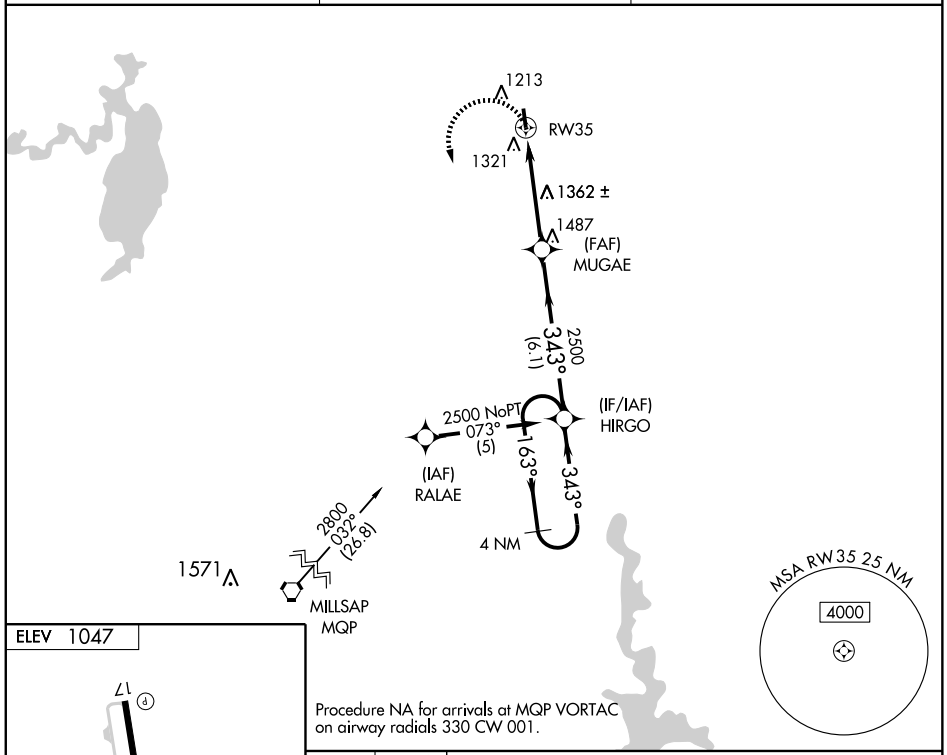
APP CRS	Rwy Idg	4200
343°	TDZE	1047
	Apt Elev	1047

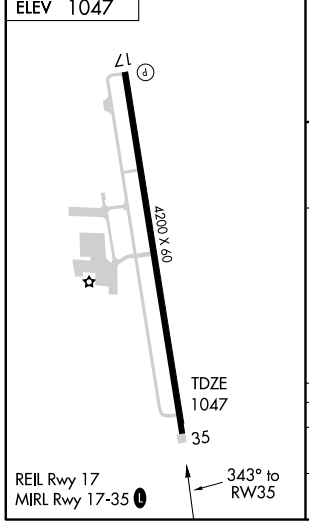
RNAV (GPS) RWY 35
DECATUR MUNI (LUD)

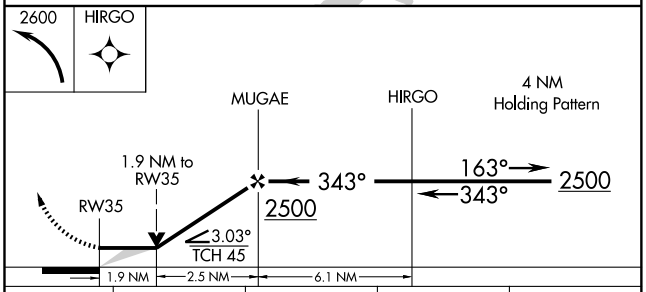
When local altimeter setting not received, use Fort Worth Meacham Intl altimeter setting and increase all MDAs 120 feet, and Cat B visibilities ¼ mile. DME/DME RNP-0.3 NA. VDP NA when using Fort Worth Meacham Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 2600 direct HIRGO and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.225	118.1 306.95	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1680-1	633 (700-1)	NA	
CIRCLING	1680-1	633 (700-1)	NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

DECATUR, TEXAS

AL-6190 (FAA)

VORTAC UKW	APP CRS	Rwy Idg	4200
112.4	137°	TDZE	1047
Chan 71		Apt Elev	1047

VOR/DME RWY 17

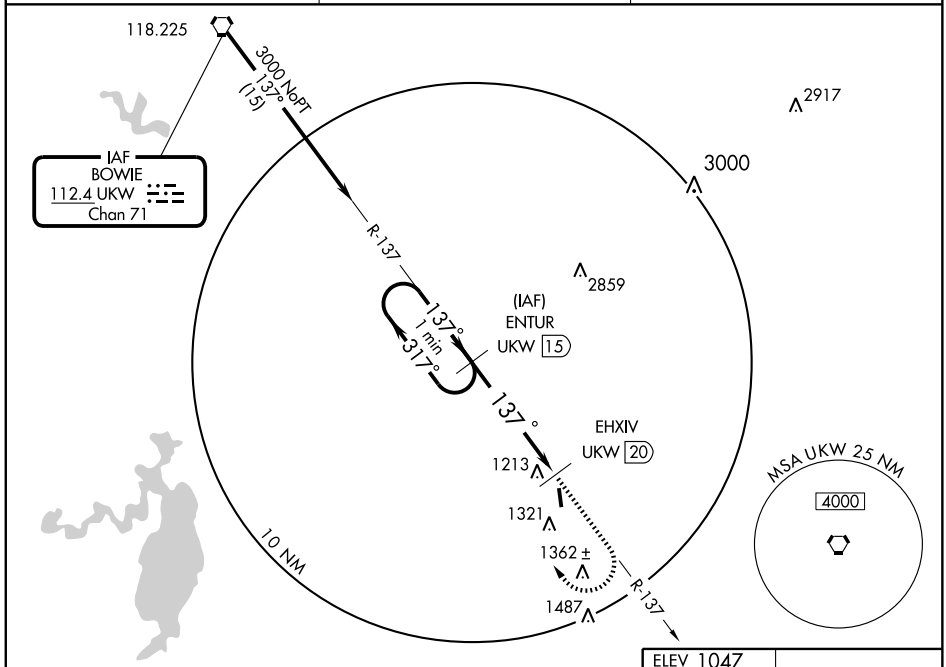
DECATUR MUNI (LUD)

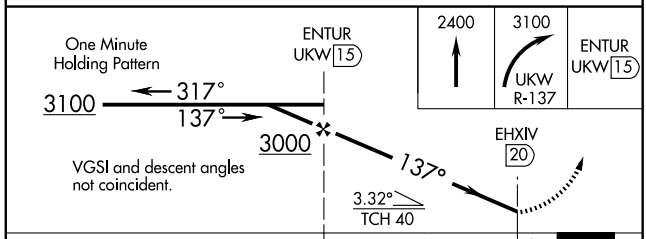
Use Forth Worth Meacham Intl altimeter setting.

NA

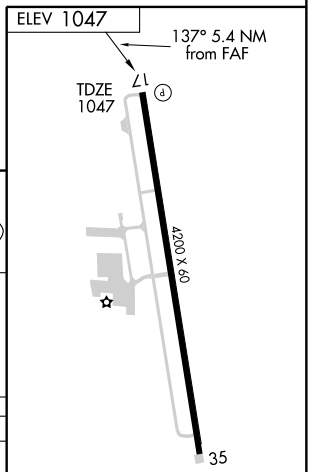
MISSED APPROACH: Climb to 2400 then climbing right turn to 3100 via UKW R-137 to ENTUR/15 DME and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.225	118.1 306.95	122.8 (CTAF) L





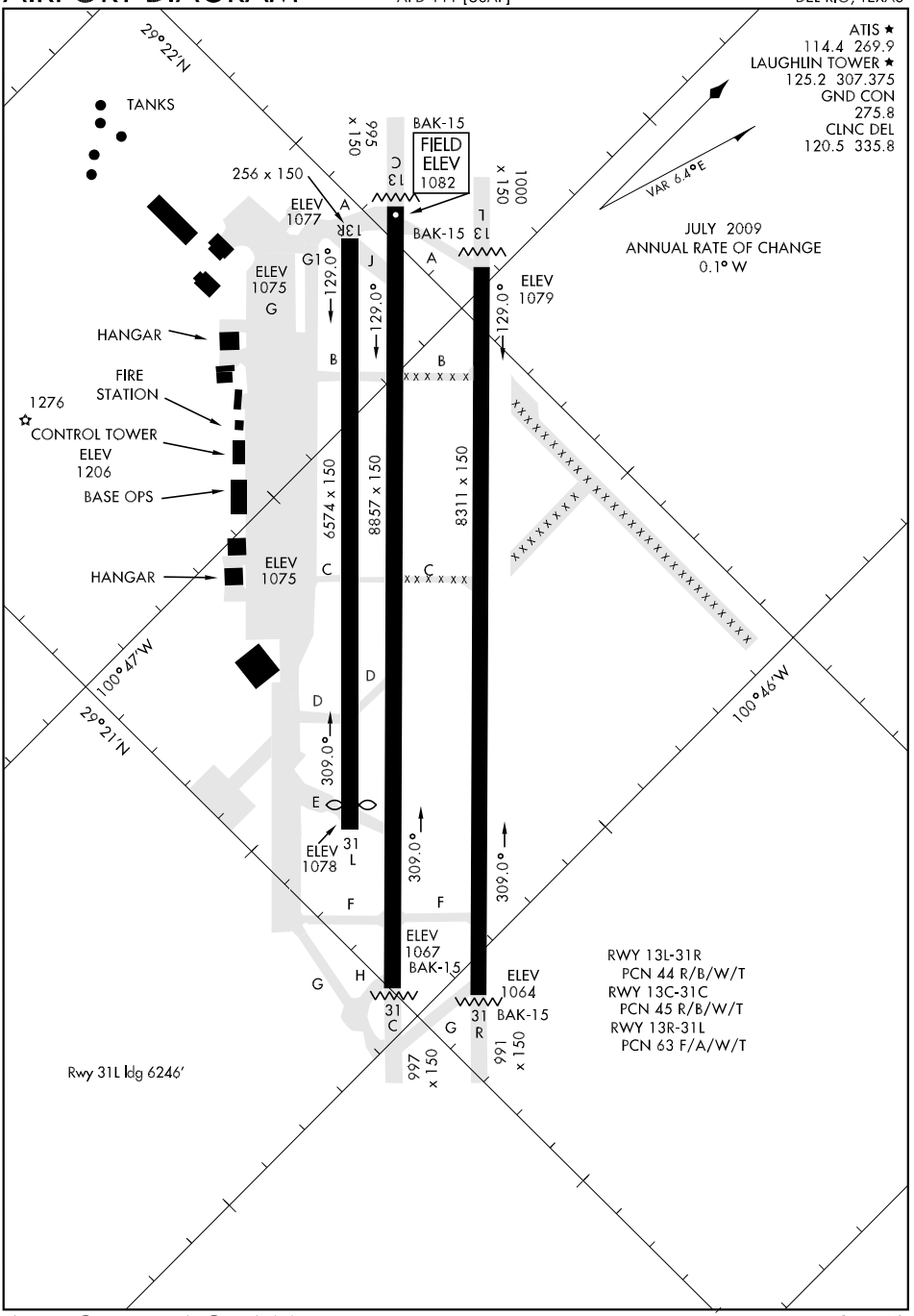
2400	3100	ENTUR
	UKW R-137	UKW 15



CATEGORY	A	B	C	D
S-17	1700-1 653 (700-1)	1700-1¼ 653 (700-1¼)	NA	
CIRCLING	1800-1 753 (800-1)	1800-1¼ 753 (800-1¼)	NA	

REIL Rwy 17
MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010


29°22'N
TANKS
ATIS ★
114.4 269.9
LAUGHLIN TOWER ★
125.2 307.375
GND CON
275.8
CLNC DEL
120.5 335.8
VAR 6.4°E
JULY 2009
ANNUAL RATE OF CHANGE
0.1° W
BAK-15
FIELD ELEV 1082
256 x 150
995 x 150
1000 x 150
ELEV 1077
ELEV 1075
ELEV 1079
HANGAR
FIRE STATION
1276
CONTROL TOWER
ELEV 1206
BASE OPS
HANGAR
ELEV 1075
6574 x 150
8857 x 150
8311 x 150
129.0°
309.0°
ELEV 1078
31 L
ELEV 1067
BAK-15
31 C
ELEV 1064
BAK-15
31 R
997 x 150
991 x 150
100°47'W
100°46'W
29°21'N
RWY 13L-31R
PCN 44 R/B/W/T
RWY 13C-31C
PCN 45 R/B/W/T
RWY 13R-31L
PCN 63 F/A/W/T
Rwy 31L ldg 6246'

HI-ILS or LOC/DME RWY 13C

LOC I-DLF	APCH CRS	Rwy Idg 13C 8857 13L 8311 TDZE 13C 1082 13L 1078 Arpt Elev 1082
110.3	128°	

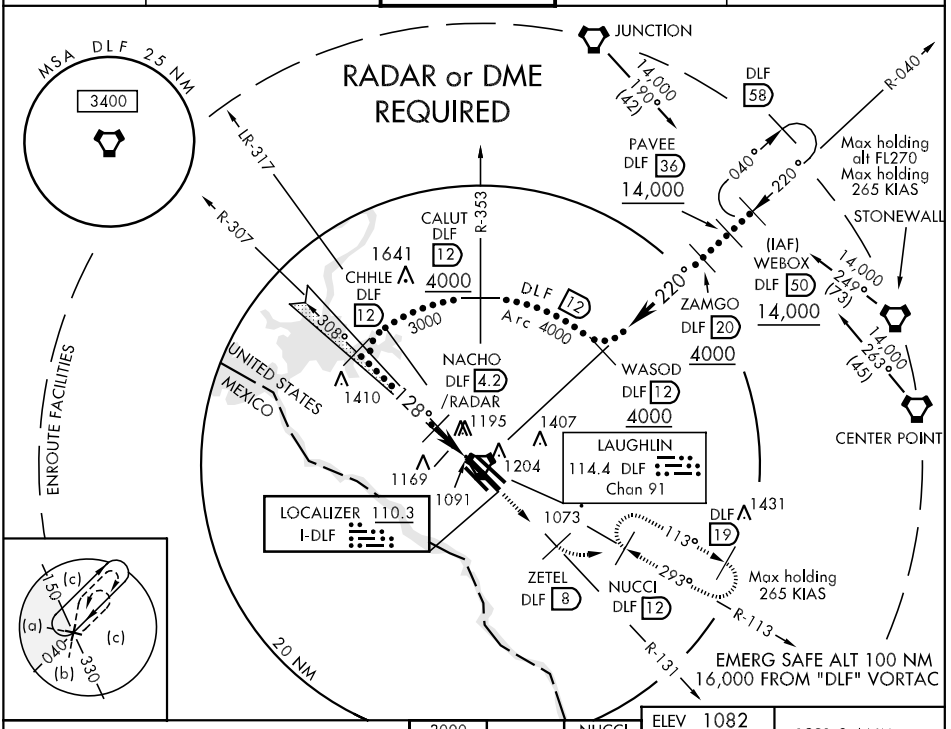
JAL-111 [USAF] LAUGHLIN AFB (KDLF)

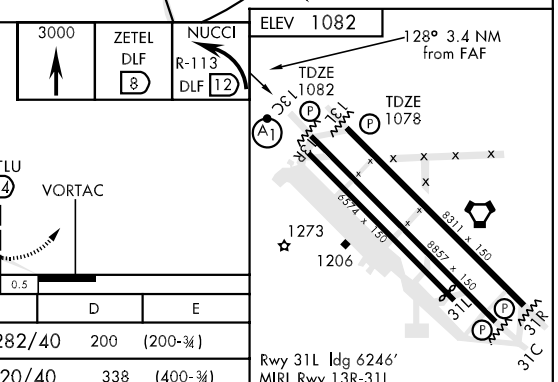
* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABCD RVR to 50 and vis to 1 mile, CAT E RVR to 60 and vis to 1¼ miles.
*** Circling W of Rwy 13R-31L not authorized.

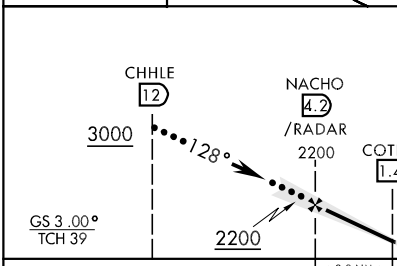
ALSF-1

MISSED APPROACH: Climb to 3000 direct ZETEL, DLF VORTAC R-131/8 DME, then turn left direct NUCCI, DLF R-113/12 DME, and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8







CATEGORY	A	B	C	D	E
S-ILS 13C *	1282/24 200 (200-½)		1282/40 200 (200-¾)		
S-LOC 13C **	1420/24 338 (400-½)		1420/40 338 (400-¾)		
CIRCLING ***	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458 (500-1½)	1640-2 558 (600-2)	1720-2¼ 638 (700-2¼)
SIDESTEP 13L	1440-1 362 (400-1)			1440-1¼ 362 (400-1¼)	

LOC FAF to MAP 2.9 NM					
Knots	120	140	160	180	200
Min:Sec	1:27	1:15	1:05	0:58	0:52

HI-ILS or LOC/DME RWY 31C

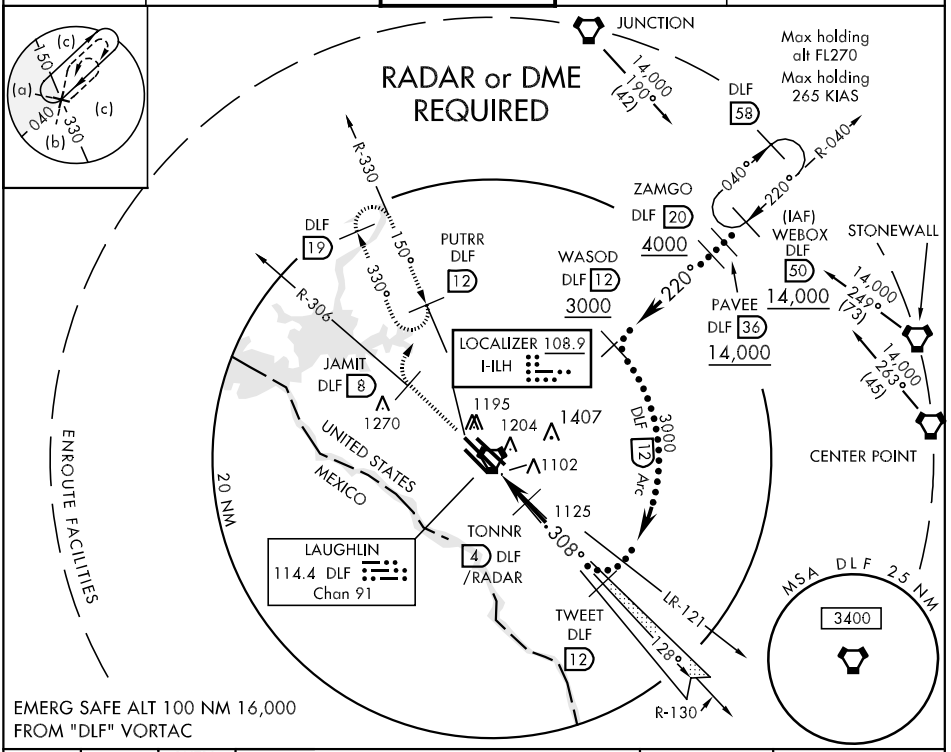
LOC I-ILH	APCH CRS	Rwy Idg 31C 8857 31R 8311 TDZE 31C 1077 31R 1077 Arpt Elev 1082
108.9	308°	

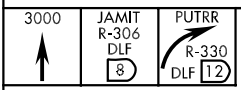
JAL-111 [USAF] LAUGHLIN AFB (KDLF)

▼ * Circling not authorized in sector SW of Rwy 13R-31L.

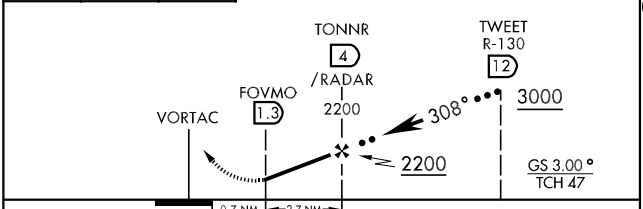
MISSED APPROACH: Climb to 3000 direct to JAMIT, DLF VORTAC R-306/8 DME, then turn right direct PUTRR, DLF R-330/12 DME and hold.

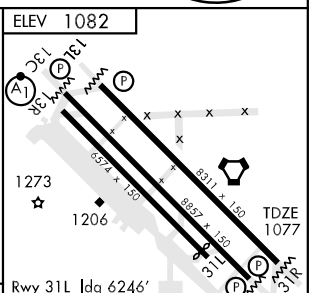
ATIS *	DEL RIO APP CON	LAUGHLIN TOWER *	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8





VGSI and descent angles not coincidental.





CATEGORY	A	B	C	D	E
S-ILS 31C	1327-1		250	(300-1)	
S-LOC 31C	1380-1		303	(300-1)	
CIRCLING *	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458(500-1½)	1640-2 558 (600-2)	1720-2¼ 638(700-2¼)
SIDESTEP 31R	1380-1		303	(300-1)	

FAF to MAP 2.7 NM					
Knots	120	140	160	180	200
Min:Sec	1:21	1:09	1:01	0:54	0:49

HINKO ONE DEPARTURE (HINKO1 • HINKO)

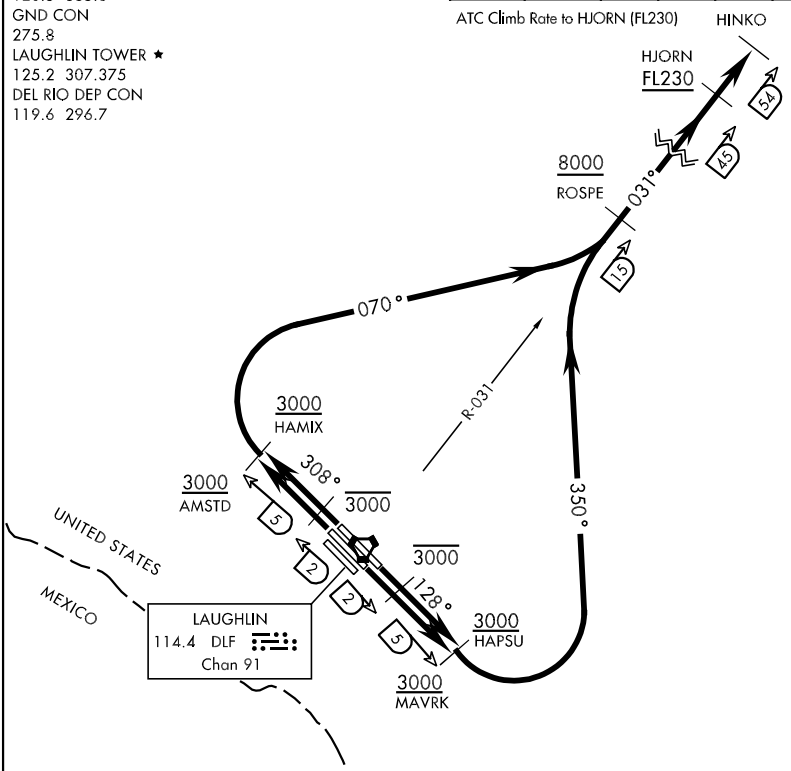
SHL-111 [USAF]

ATIS ★ 114.4 269.9
CLNC DEL
120.5 335.8
GND CON
275.8
LAUGHLIN TOWER ★
125.2 307.375
DEL RIO DEP CON
119.6 296.7

2216

Rwy	Knots	60	120	180	240	300	360
13C/L	V/V(fpm)	450	900	1340	1790	2230	2680
31C/R	V/V(fpm)	460	920	1380	1840	2300	2760

ATC Climb Rate to HJORN (FL230)



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 13C: Climb on track 128°, cross DLF VORTAC 2 DME at or below 3000, cross DLF R-132/5 DME (MAVRK) at or above 3000. Then turn left and track 350° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

TAKE-OFF RWY 13L: Climb on track 128°, cross DER at or below 1600, cross DLF VORTAC 2 DME at or below 3000, cross DLF R-130/5 DME (HAPSU) at or above 3000. Then turn left and track 350° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

TAKE-OFF RWY 31C: Climb on track 308°, cross DLF VORTAC 2 DME at or below 3000, cross DLF R-305/5 DME (AMSTD) at or above 3000. Then turn right and track 070° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

TAKE-OFF RWY 31R: Climb on track 308°, cross DER at or below 1600, cross DLF VORTAC 2 DME at or below 3000, cross DLF R-307/5 DME (HAMIX) at or above 3000. Then turn right and track 070° to intercept the DLF R-031 prior to ROSPE, cross ROSPE at or above 8000, cross HJORN at or above FL230, then direct HINKO.

HINKO ONE DEPARTURE (HINKO1 • HINKO)
DEL RIO, TEXAS

ILS or LOC/DME RWY 13C

LOC I-DLF	APCH CRS	Rwy ldg 13C 8857 13L 8311 TDZE 13C 1082 13L 1078 Arpt Elev 1082
110.3	128°	

AL-111 [USAF] LAUGHLIN AFB (KDLF)

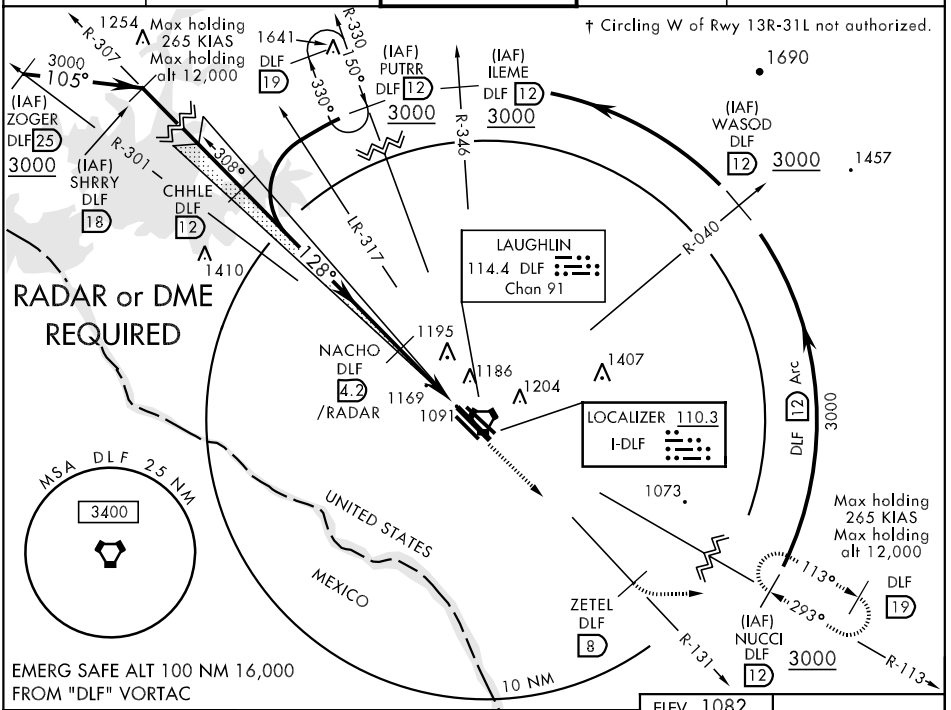
* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABCD RVR to 50 and vis to 1 mile, CAT E RVR to 60 and vis to 1¼ miles.

ALSF-1

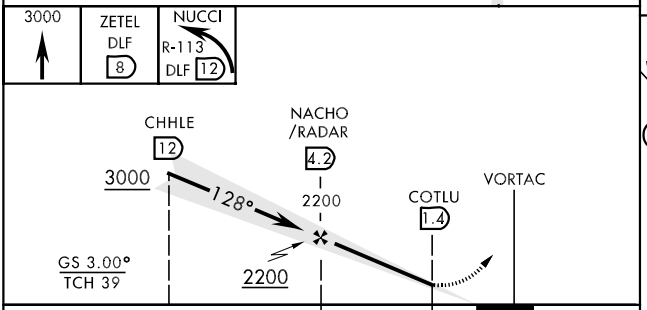
MISSED APPROACH: Climb to 3000 direct ZETEL, DLF R-131/8, then left turn direct NUCCI and hold.

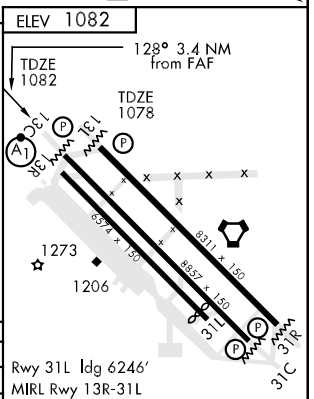
ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8

† Circling W of Rwy 13R-31L not authorized.



EMERG SAFE ALT 100 NM 16,000 FROM "DLF" VORTAC





CATEGORY	A	B	C	D	E
S-ILS 13C *	1282/24 200 (200-½)		1282/40 200 (200-¾)		
S-LOC 13C**	1420/24 338 (400-½)		1420/40 338 (400-¾)		
SIDESTEP RWY 13L	1440-1 362 (400-1)			1440-1¼ 362 (400-1¼)	
CIRCLING †	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458(500-1½)	1640-2 558 (600-2)	1720-2¼ 638 (700-2¼)

Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

FAF to MAP 2.9 NM					
Knots	60	90	120	150	180
Min:Sec	2:54	1:56	1:27	1:10	0:58

ILS or LOC/DME RWY 13C

DEL RIO, TEXAS

ILS or LOC/DME RWY 31C

LOC I-ILH 108.9	APCH CRS 308°	Rwy Idg 31C 8857 31R 8311 TDZE 31C 1077 31R 1077 Arpt Elev 1082

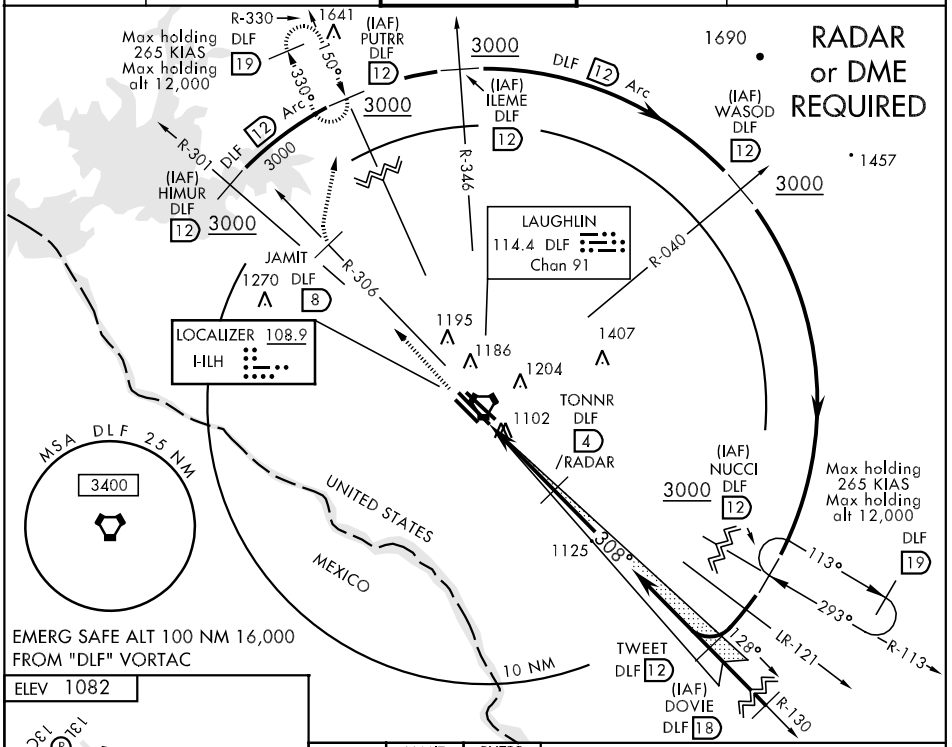
AL-111 [USAF] LAUGHLIN AFB (KDLF)

* Circling W of Rwy 13R-31L not authorized.

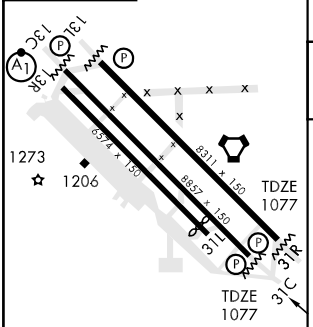
MISSED APPROACH: Climb to 3000 direct JAMIT, DLF VORTAC R-306/8 DME, then turn right direct PUTRR R-306/8 DME, then turn right direct PUTRR and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8

RADAR or DME REQUIRED

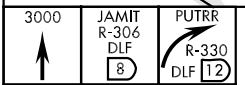


ELEV 1082

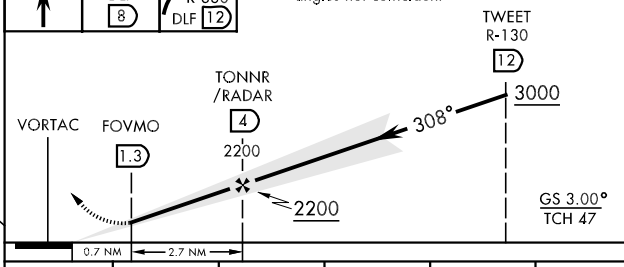


Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

FAF to MAP 2.7 NM					
Knots	60	90	120	150	180
Min:Sec	2:42	1:48	1:21	1:05	0:54



VGSI and descent angles not coincident



CATEGORY	A	B	C	D	E
S-ILS 31C	1327-1		250	(300-1)	
S-LOC 31C	1380-1		303	(300-1)	
SIDESTEP RWY 31R	1380-1		303	(300-1)	
CIRCLING *	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458(500-1½)	1640-2 558 (600-2)	1720-2¼ 638 (700-2¼)

DEL RIO, TEXAS 29°22'N-100°47'W LAUGHLIN AFB (KDLF)

Amdt 3 09323

SC-3, 17 DEC 2009 to 14 JAN 2010

LAUGHLIN ONE DEPARTURE (DLF1 • DLF)

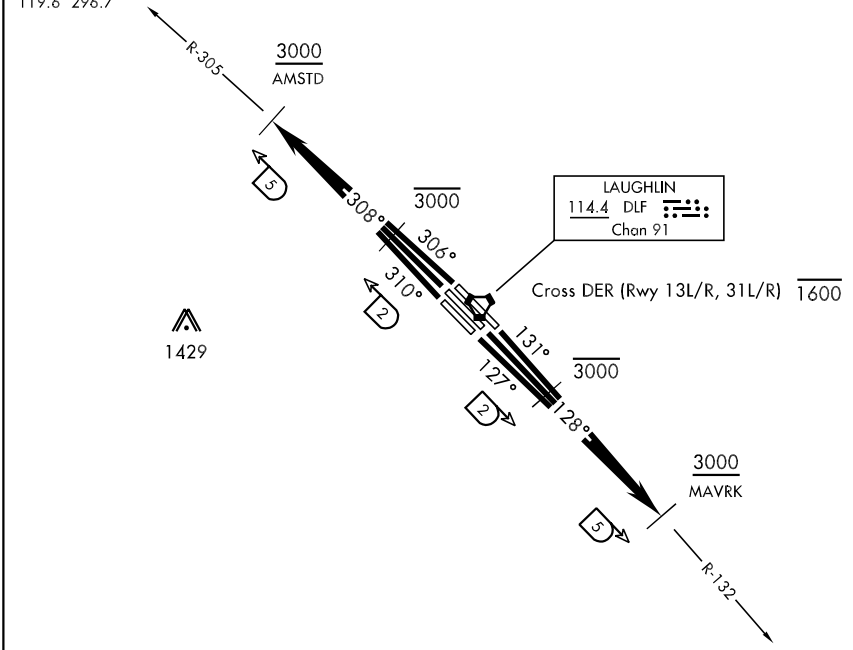
SHL-111 [USAF]

DEL RIO, TEXAS

ATIS ★ 114.4 269.9
CLNC DEL
120.5 335.8
GND CON
275.8
LAUGHLIN TOWER ★
125.2 307.375
DEL RIO DEP CON
119.6 296.7

Rwy	Knots	60	120	180	240	300	360
31C/R @	V/V(fpm)	470	940	1410	1880	2350	2810
13C @	V/V(fpm)	440	880	1320	1760	2200	2640
13L @	V/V(fpm)	450	890	1330	1770	2210	2650
13R @	V/V(fpm)	410	810	1210	1620	2020	2420

@ ATC Climb Rate to 5 DME



SC-3, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

(MAVRK Tracks)

TAKE-OFF RWY 13C: Climb on track 128°, thence. . .

TAKE-OFF RWY 13L: Climb on track 131°, cross DER at or below 1600, thence. . .

TAKE-OFF RWY 13R: Climb on track 127°, cross DER at or below 1600, thence. . .

Intercept DLF VORTAC R-132 to DLF 5 DME (MAVRK), cross DLF 2 DME at or below 3000, cross DLF 5 DME (MAVRK) at or above 3000, then as directed by ATC.

(AMSTD Tracks)

TAKE-OFF RWY 31C: Climb on track 308°, thence. . .

TAKE-OFF RWY 31L: Climb on track 310°, cross DER at or below 1600, thence. . .

TAKE-OFF RWY 31R: Climb on track 306°, cross DER at or below 1600, thence. . .

Intercept DLF VORTAC R-305 to DLF 5 DME (AMSTD), cross DLF 2 DME at or below 3000, cross DLF 5 DME (AMSTD) at or above 3000, then as directed by ATC.

RNAV (GPS) B

APCH CRS	Rwy ldg	NA
340°	TDZE	NA
	Arpt Elev	1082

AL-111 [USAF]

LAUGHLIN AFB (KDLF)

▼ * Circling not authorized in sector NE of RWY 13R-31L.

MISSED APPROACH: Climbing left turn to 3000 direct ZOBUS, expect radar vectors.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	127.75 326.2	125.2 307.375	275.8	120.5 335.8

RADAR REQUIRED
FOR USE BY 47 FTW ACFT ONLY

ZOBUS
UNITED STATES
MEXICO
1272
TUDOL
340°
SWANT
2100
(5)
340°
1310
MINNM
2100
323°
(9)
(IAF)
OTULE
2600
333°
(9)
2600
276°
(10.2)
PANEE
SCIFI
MSA TUDOL 2.5 NM
3400
EMERG SAFE ALT 100 NM 16,000 FROM TUDOL

ELEV 1082
13C
13R
31L
31R
31C
8374 x 150
8311 x 150
8857 x 150
1273
1206
1167
340° 2.01 NM
from TUDOL
Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

3000
ZOBUS
FLY VISUAL
TO AIRPORT
TUDOL
SWANT
2100
340°
MINNM
2100
323°
OTULE
2600
2.0 NM
1.6 NM

CATEGORY	A	B
CIRCLING *	1600-3 518 (1000-3)	

29°22'N-100°47'W

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 13C

APCH CRS	Rwy ldg	13C **8857**	13R **6574**
128°	TDZE	13C **1082**	13R **1076**
	Arpt Elev **1082**		

AL-111 [USAF]

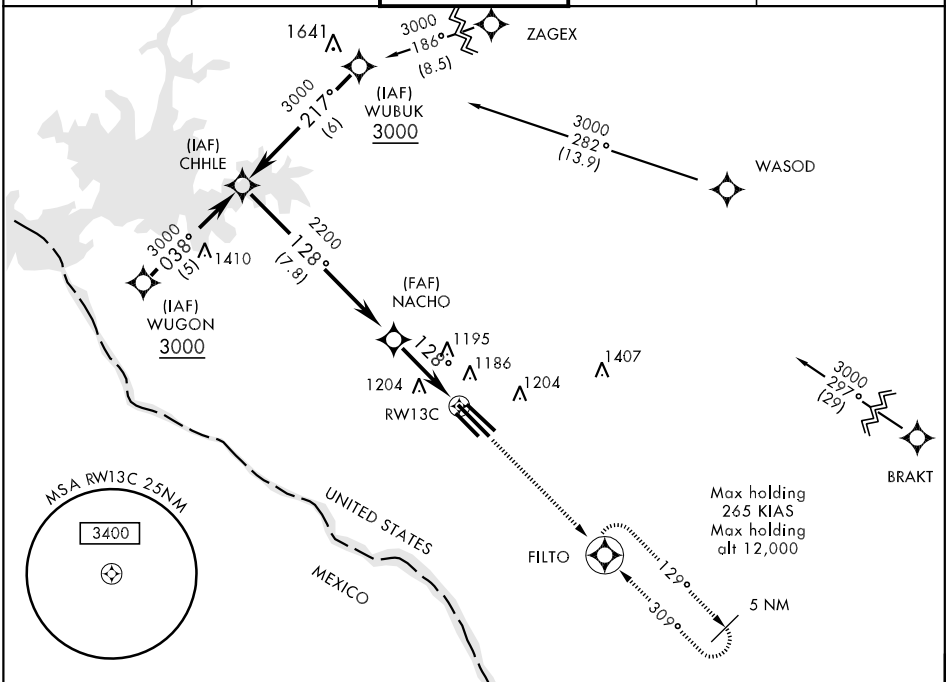
LAUGHLIN AFB (KDLF)

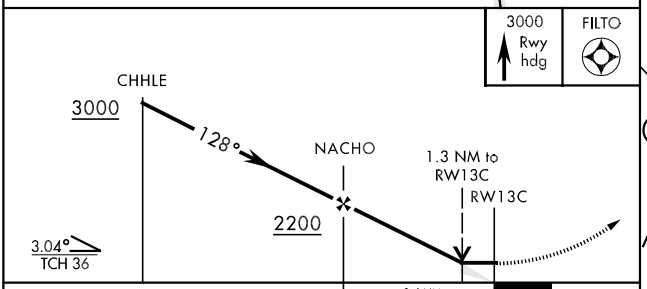
▼ * When ALS inop, increase vis by ½ mile in all categories.
† Circling SW of Rwy 13R-31L not authorized.

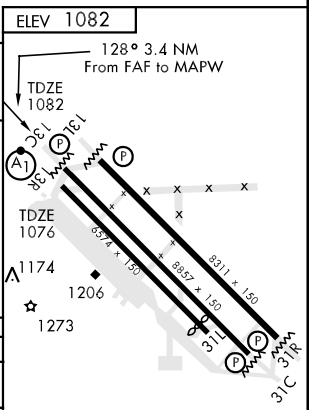
ALSF-1

MISSED APPROACH: Track rwy heading, climbing to 3000 until FILTO and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8







CATEGORY	A	B	C	D	E
LNAV MDA*	1520/24 438 (500-½)		1520/40 438 (500-¾)	1520/50 438 (500-1)	
CIRCLING †	1520-1 438 (500-1)	1540-1 458 (500-1)	1540-1 ½ 458 (500-1½)	1640-2 558 (600-2)	1720-2¼ 638 (700-2¼)
SIDESTEP 13R	1520-1 443 (500-1)		1520-1¼ 443 (500-1¼)	1520-1½ 443 (500-1½)	

Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

29°22'N-100°47'W

RNAV (GPS) RWY 13C

RNAV (GPS) RWY 31C

APCH CRS	Rwy ldg				
309°	TDZE	31C **8857**	31L **6246**	AL-111 (USAF)	LAUNCHLIN AFB (KDLF)
	Arpt Elev **1082**	31C **1077**	31L **1079**		

* Circling not authorized SW of Rwy 13R-31L

MISSED APPROACH: Track runway heading, climb to 3000 until JUSIS and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8

5 NM
Max holding
265 KIAS
Max holding
alt 12,000
308°
128°
JUSIS
ZAGEX
3000
142°
(29.5)
WASOD
1444
3000
157°
(113.3)
1195
1186
1204
1407
RW31C
(FAF)
TONNR
1125
2200
309°
(8)
(IAF)
ZUKAN
3000
3000
255°
(7.3)
BRAKT
3000
219°
(6)
1096
(IAF)
TWEET
3000
038°
(5)
(IAF)
ZISLI
3000
UNITED STATES
MEXICO
MSA RW31C 25NM
3400
EMERG SAFE ALT 100 NM 16,000
FROM RW31C

3000
JUSIS

TWEET
3000
RW31C
.9 NM to
RW31C
TONNR
309°
2200
3.02°
TCH 52
3.4 NM

ELEV 1082
13C
13L
31R
8311 x 150
8857 x 150
6574 x 150
1120
1206
1273
TDZE
1079
31L
31R
TDZE
1077
31C
308°3.4NM
from FAF

CATEGORY	A	B	C	D	E
LNAV MDA	1420-1	343 (400-1)		1420-1¼	343 (400-1¼)
CIRCLING *	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458 (500-1½)	1640-2 558 (600-2)	1720-2¼ 638 (700-2¼)
SIDESTEP 31L	1440-1	361 (400-1)		1440-1¼	361 (400-1¼)

Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

VOR/DME RWY 13C

VORTAC DLF 114.4 Chan 91	APCH CRS 118°	Rwy ldg 8857 TDZE 1082 Arpt Elev 1082

AL-111 [USAF]

LAUGHLIN AFB (KDLF)

* When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT D RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized in sector SW of Rwy 13R-31L.

ALSF-1

MISSED APPROACH: Climb to 3000 direct to ZETEL, DLF VORTAC R-131/8 DME, then turn left direct NUCCI and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8

RADAR or DME REQUIRED

Max holding 265 KIAS Max holding alt 12,000

1641 R-330 (IAF) PUTRR DLF 12 (IAF) ILEME DLF 12 3000

DLF 19 150° 330° 3000 R-346

1690 (IAF) WASOD DLF 12 1457 3000

LR-308 R-298 R-040

HOBOR DLF 12 1410 WALAD DLF 4 /RADAR

LAUGHLIN 114.4 DLF Chan 91

118° 1195 1186 1204 1204 1407

DLF 12 Arc 3000

1070

Max holding 265 KIAS Max holding alt 12,000 DLF 19

MSA DLF 25 NM 3400

UNITED STATES MEXICO

ZETEL DLF 8 113° 293° R-113 R-131

3000 (IAF) NUCCI DLF 12

10 NM

EMERG SAFE ALT 100 NM 16,000

VGSI and descent angles not coincident.

3000	ZETEL DLF 8	NUCCI R-113 DLF 12

HOBOR R-298 12 3000 118° WALAD 4 /RADAR 2 ENYAC 1.3 VORTAC

3.31° TCH 36 2200

2.7 NM 0.4

ELEV 1082

118° to VORTAC

TDZE 1082

1273 1206

8574 x 150 8811 x 150 8857 x 150

13C 13L 13R 31L 31R 31C

CATEGORY	A	B	C	D	E
S-13C *	1480/24 398	(400-½)	1480/40 398	(400-¾)	1480/50 398 (400-1)
CIRCLING **	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458(500-1½)	1640-2 558 (600-2)	1720-2¼ 638(700-2¼)

Rwy 31L ldg 6246'
MIRL Rwy 13R-31L
HIRL Rwy 13C-31C, 13L-31R

29°22'N-100°47'W

VOR/DME RWY 13C

VOR/DME RWY 31C

VORTAC DLF	APCH CRS	Rwy ldg 8857
114.4	322°	TDZE 1077
Chan 91		Arpt Elev 1082

AL-111 [USAF] LAUGHLIN AFB (KDLF)

*Circling not authorized in sector SW of Rwy 13R-31L.

MISSED APPROACH: Climb to 3000 direct JAMIT, DLF VORTAC R-306/8 DME, then turn right direct PUTRR, DLF R-330/12 DME, and hold.

ATIS ★	DEL RIO APP CON	LAUGHLIN TOWER ★	GND CON	CLNC DEL
114.4 269.9	119.6 259.1	125.2 307.375	275.8	120.5 335.8

RADAR or DME REQUIRED

Max holding 265 KIAS Max holding alt 12,000

(IAF) HIMUR DLF 12

(IAF) PUTRR DLF 12

(IAF) ILEME DLF 12

(IAF) WASOD DLF 12

(IAF) NUCCI DLF 12

JAMIT DLF 8

PAHLR DLF 4 /RADAR

HINLU DLF 12

LAUGHLIN 114.4 DLF Chan 91

MSA DLF 25 NM 3400

EMERG SAFE ALT 100 NM 16,000 FROM "DLF" VORTAC

UNITED STATES MEXICO

10 NM

ELEV 1082

322° to VORTAC

1273

1206

6374 x 150

8311 x 150

8857 x 150

TDZE 1077

Rwy 31L ldg 6246'

MIRL Rwy 13R-31L

HIRL Rwy 13C-31C, 13L-31R

3000 | JAMIT R-306 DLF 8 | PUTRR R-330 DLF 12

VGSI and descent angles not coincident

HINLU R-142 12 3000

PAHLR 4 /RADAR

VORTAC

HIMPA 1.3 1.6

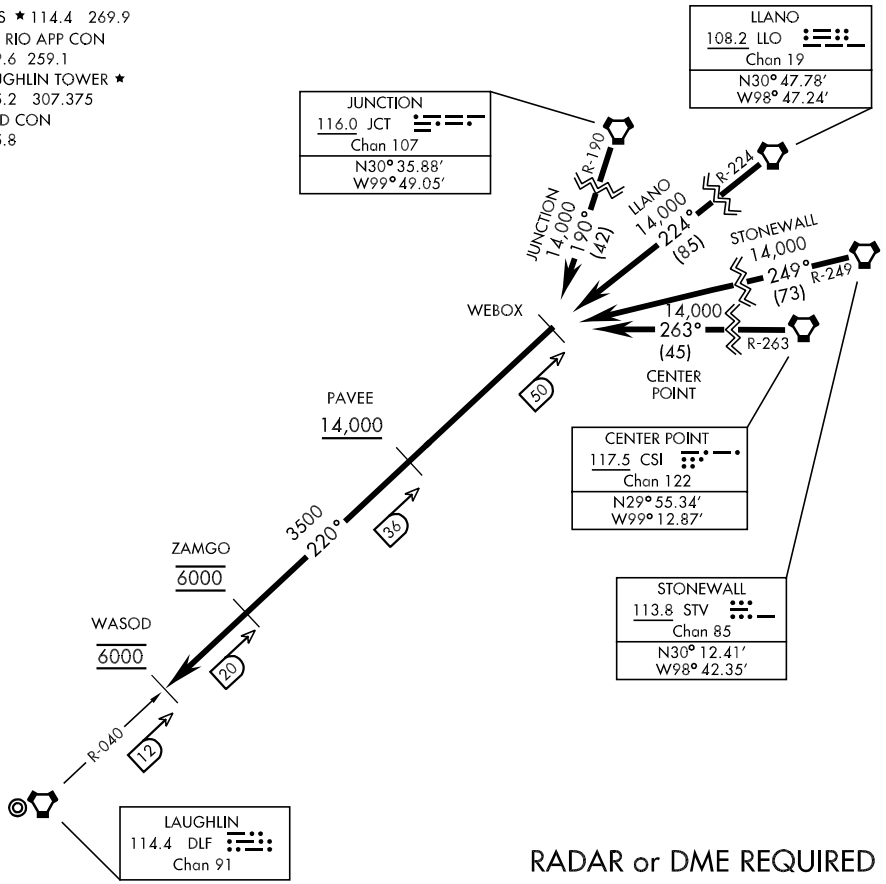
322°

2100

2.75° TCH 52

0.7 NM 2.7 NM

CATEGORY	A	B	C	D	E
S-31C	1420-1	343	(400-1)	1420-1¼	343 (400-1¼)
CIRCLING *	1500-1 418 (500-1)	1540-1 458 (500-1)	1540-1½ 458(500-1½)	1640-2 558 (600-2)	1720-2¼ 638(700-2¼)



ARRIVAL ROUTE DESCRIPTION

JUNCTION Transition (JCT.WEBOX4): From over JCT VORTAC via JCT R-190 to WEBOX. Thence...

LLANO Transition (LLO.WEBOX4): From over LLO VORTAC via LLO R-224 to WEBOX. Thence...

STONEWALL Transition (STV.WEBOX4): From over STV VORTAC via STV R-249 to WEBOX. Thence...

CENTER POINT Transition (CSI.WEBOX4): From over CSI VORTAC via CSI R-263 to WEBOX. Thence...

...From over DLF R-040/50 (WEBOX) via DLF R-040 to DLF R-040/12 (WASOD). Expect vectors for an instrument approach to runway in use.

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-DRT 111.9 Chan 56	APP CRS 132°	Rwy Idg 6000 TDZE 1002 Apt Elev 1002

LOC RWY 13
DEL RIO INTL (DRT)

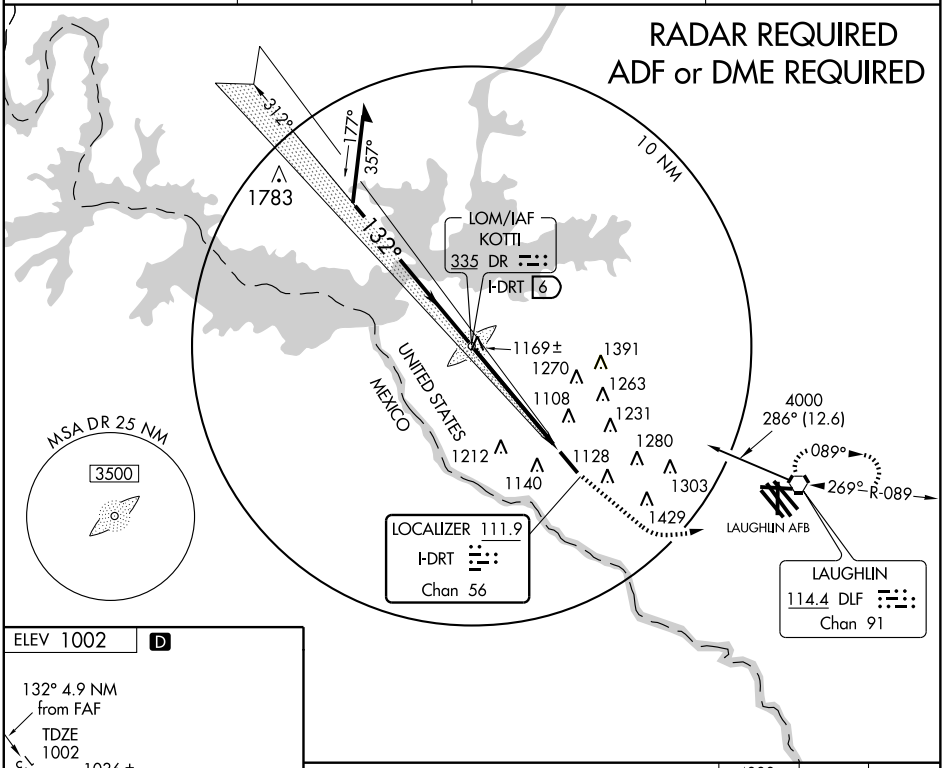
Circling NA for Cat D SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all MDAs 40 feet. VDP NA when using Laughlin AFB altimeter setting. Inoperative table does not apply to S-13 Cat C.

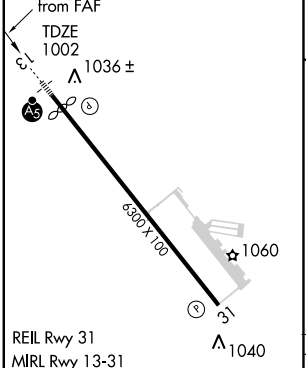
MALSR

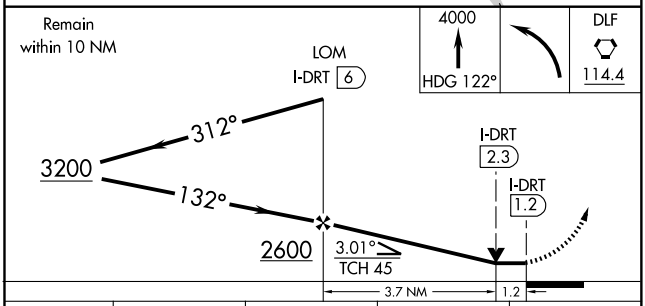
MISSED APPROACH: Climb to 4000 via heading 122° then left turn direct DLF VORTAC and hold.

ASOS	DEL RIO APP CON ★	CLNC DEL	UNICOM
118.525	119.6 259.1	120.5	122.8 (CTAF) L

RADAR REQUIRED
ADF or DME REQUIRED







FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

CATEGORY	A	B	C	D
S-13	1420-¾	418 (500-¾)	1420-1¼	418 (500-1¼)
CIRCLING	1440-1 438 (500-1)	1460-1 458 (500-1)	1560-1½ 558 (600-1½)	1640-2 638 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

LOM DR	APP CRS	Rwy Idg	6000
335	132°	TDZE	1002
		Apt Elev	1002

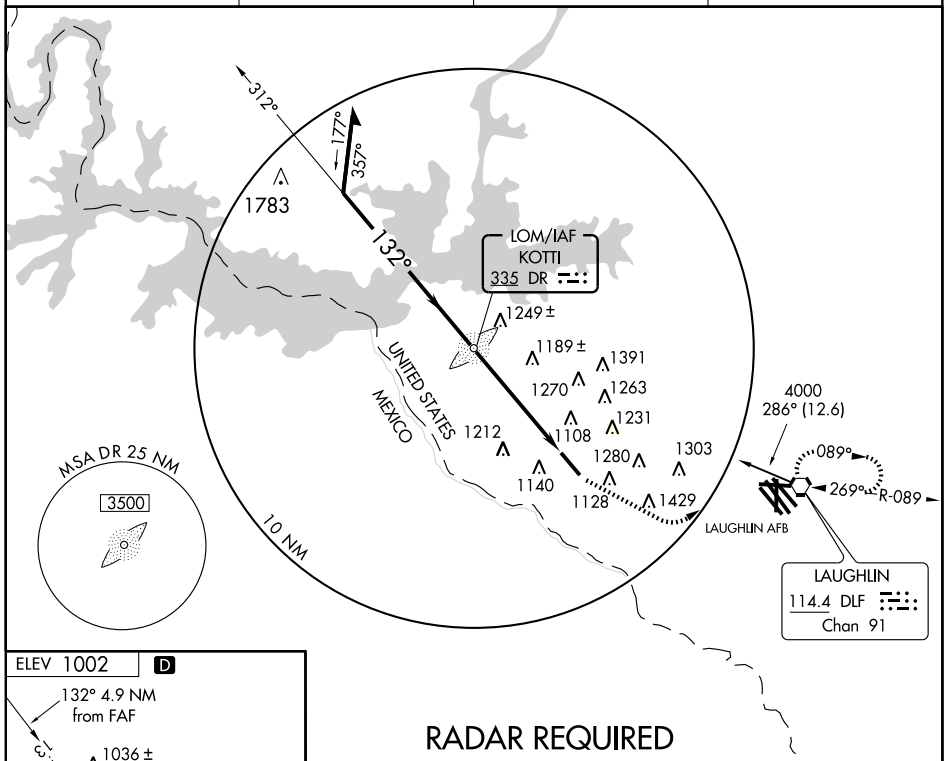
NDB RWY 13
DEL RIO INTL (DRT)

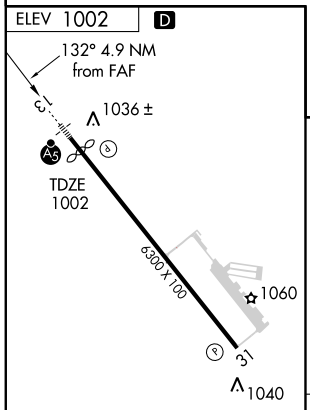
T NA — Circling NA for Cat D SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all MDAs 40 feet. Inoperative table does not apply to S-13 Cat C.

MALSR

MISSED APPROACH: Climb to 4000 via heading 122° then left turn direct DLF VORTAC and hold.

ASOS	DEL RIO APP CON ★	CLNC DEL	UNICOM
118.525	119.6 259.1	120.5	122.8 (CTAF) L

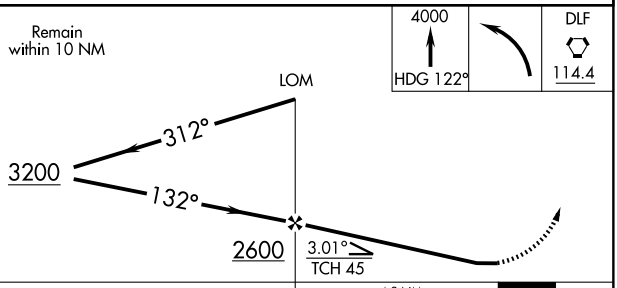




REIL Rwy 31
MIRL Rwy 13-31

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

RADAR REQUIRED



CATEGORY	A	B	C	D
S-13	1500-1	498 (500-1)	1500-1¼ 498 (500-1¼)	1500-1½ 498 (500-1½)
CIRCLING	1500-1	498 (500-1)	1560-1½ 558 (600-1½)	1640-2 638 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6000
CH 86499	132°	TDZE	1002
W13A		Apt Elev	1002

RNAV (GPS) RWY 13

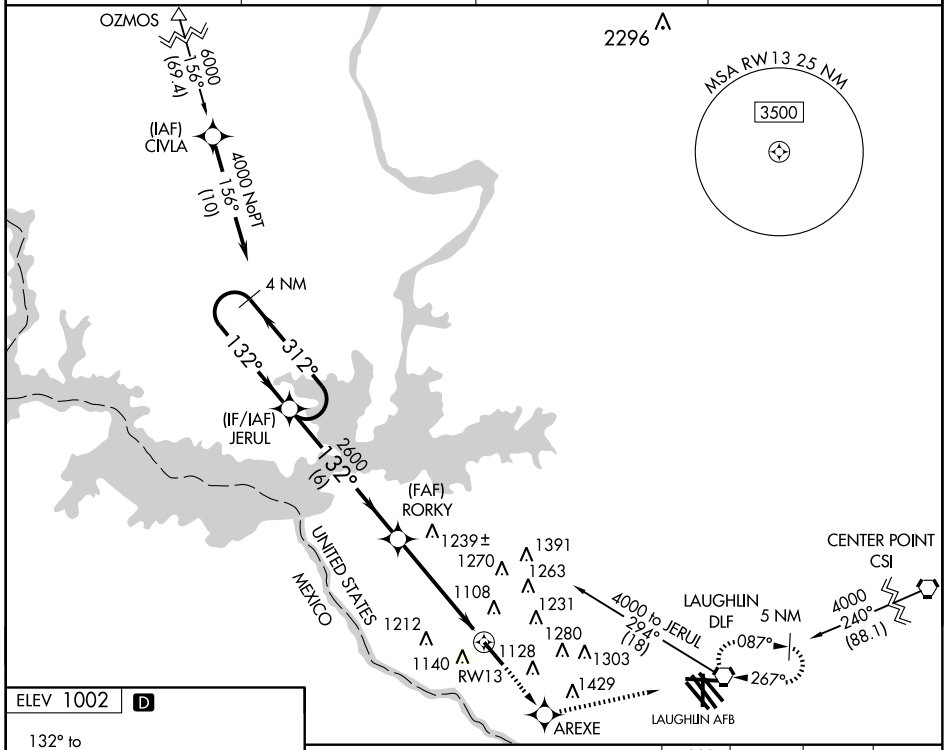
DEL RIO INTL (DRT)

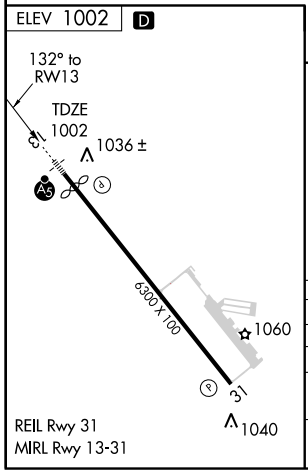
DME/DME RNP-0.3 NA. BARO/VNAV NA below -17°C (2°F). Cat D circling NA SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all DAs/MDAs 40 feet. BARO/VNAV and VDP NA with Laughlin AFB altimeter setting. Inoperative table does not apply to LPV, LNAV/VNAV or LNAV Cat C.

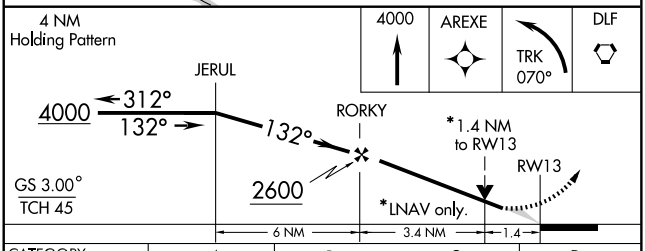
MALSR

MISSED APPROACH: Climb to 4000 direct AREXE and left turn via 070° track to DLF VORTAC and hold, continue climb-in-hold to 4000.

ASOS	DEL RIO APP CON ★	CLNC DEL	UNICOM
118.525	119.6 259.1	120.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1252-¾ 250 (300-¾)			
LNAV/VNAV DA	1382-1¼ 380 (400-1¼)			
LNAV MDA	1500-¾ 498 (500-¾)		1500-1¼ 498 (500-1¼)	1500-1½ 498 (500-1½)
CIRCLING	1500-1¼ 498 (500-1¼)		1560-1½ 558 (600-1½)	1640-2 638 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC DLF	APP CRS	Rwy Idg	N/A
114.4	269°	TDZE	N/A
Chan 91		Apt Elev	1002

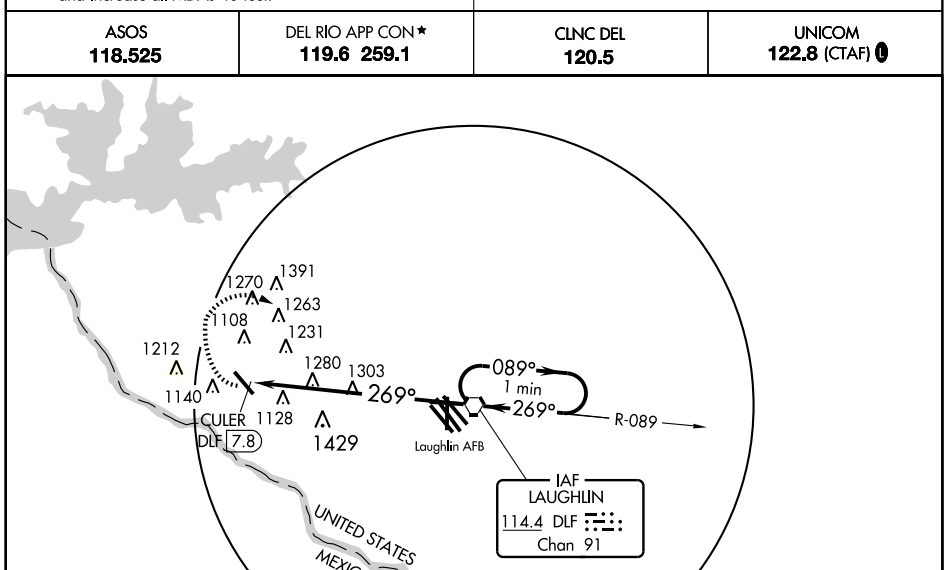
VOR-A

DEL RIO INTL (DRT)

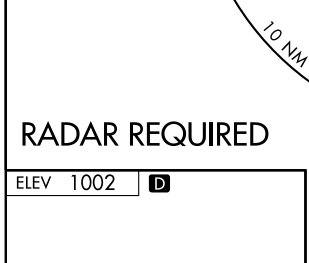
Circling NA for Cat D SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climbing right turn to 4000 via heading 340° then right turn direct DLF VORTAC and hold.

ASOS	DEL RIO APP CON ★	CLNC DEL	UNICOM
118.525	119.6 259.1	120.5	122.8 (CTAF)



RADAR REQUIRED





FAF to MAP 7.8 NM					
Knots	60	90	120	150	180
Min:Sec	7:48	5:12	3:54	3:07	2:36

CATEGORY	A	B	C	D
CIRCLING	1780-1 778 (800-1)	1780-1¼ 778 (800-1¼)	1780-2¼ 778 (800-2¼)	1780-2½ 778 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

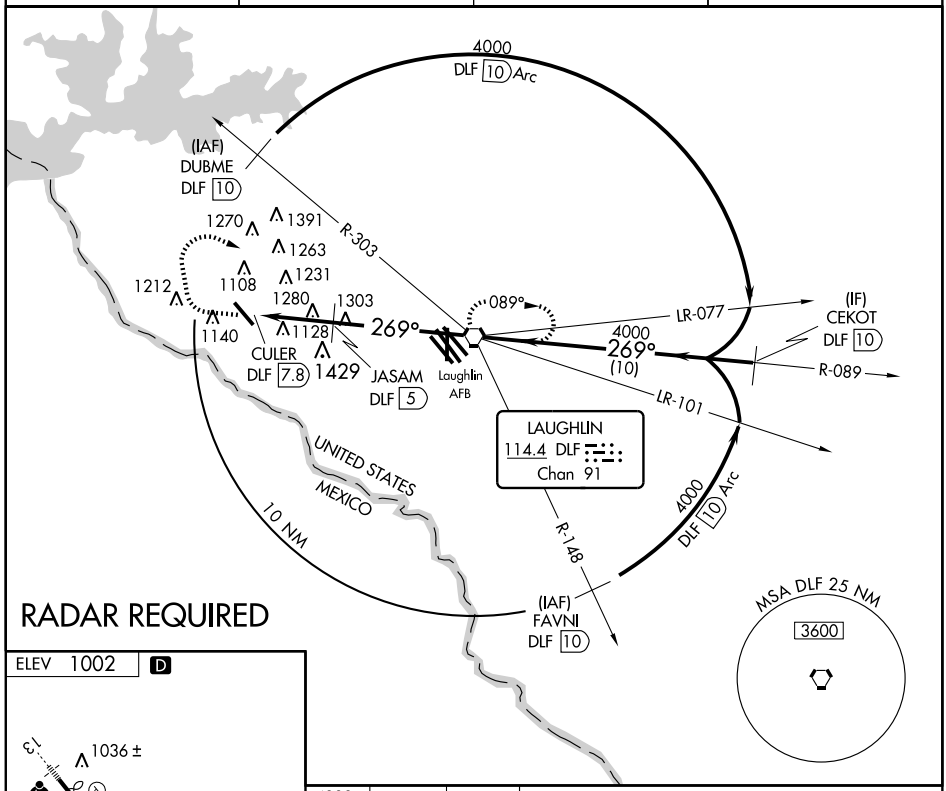
VORTAC DLF 114.4 Chan 91	APP CRS 269°	Rwy Idg N/A TDZE N/A Apt Elev 1002

VOR/DME-B
DEL RIO INTL (DRT)

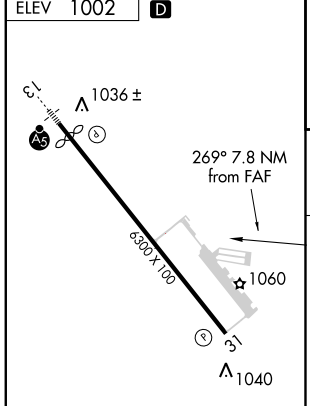
▼ Circling NA for Cat D SW of Rwy 13-31. If local altimeter setting not received, use Laughlin AFB altimeter setting and increase all MDAs 40 feet.

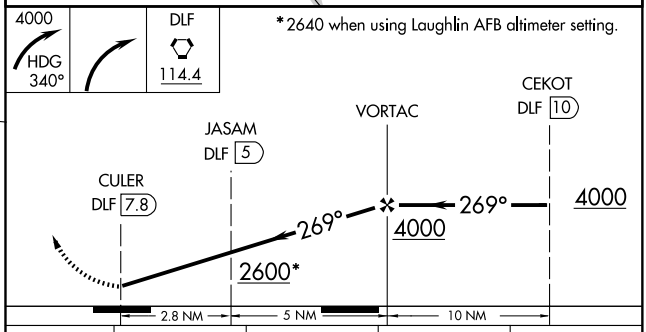
MISSED APPROACH: Climbing right turn to 4000 via heading 340° then right turn direct DLF VORTAC and hold.

ASOS	DEL RIO APP CON ★	CLNC DEL	UNICOM
118.525	119.6 259.1	120.5	122.8 (CTAF) L



RADAR REQUIRED





CATEGORY	A	B	C	D
CIRCLING	1580-1 578 (600-1)		1580-1½ 578 (600-1½)	1640-2 638 (700-2)

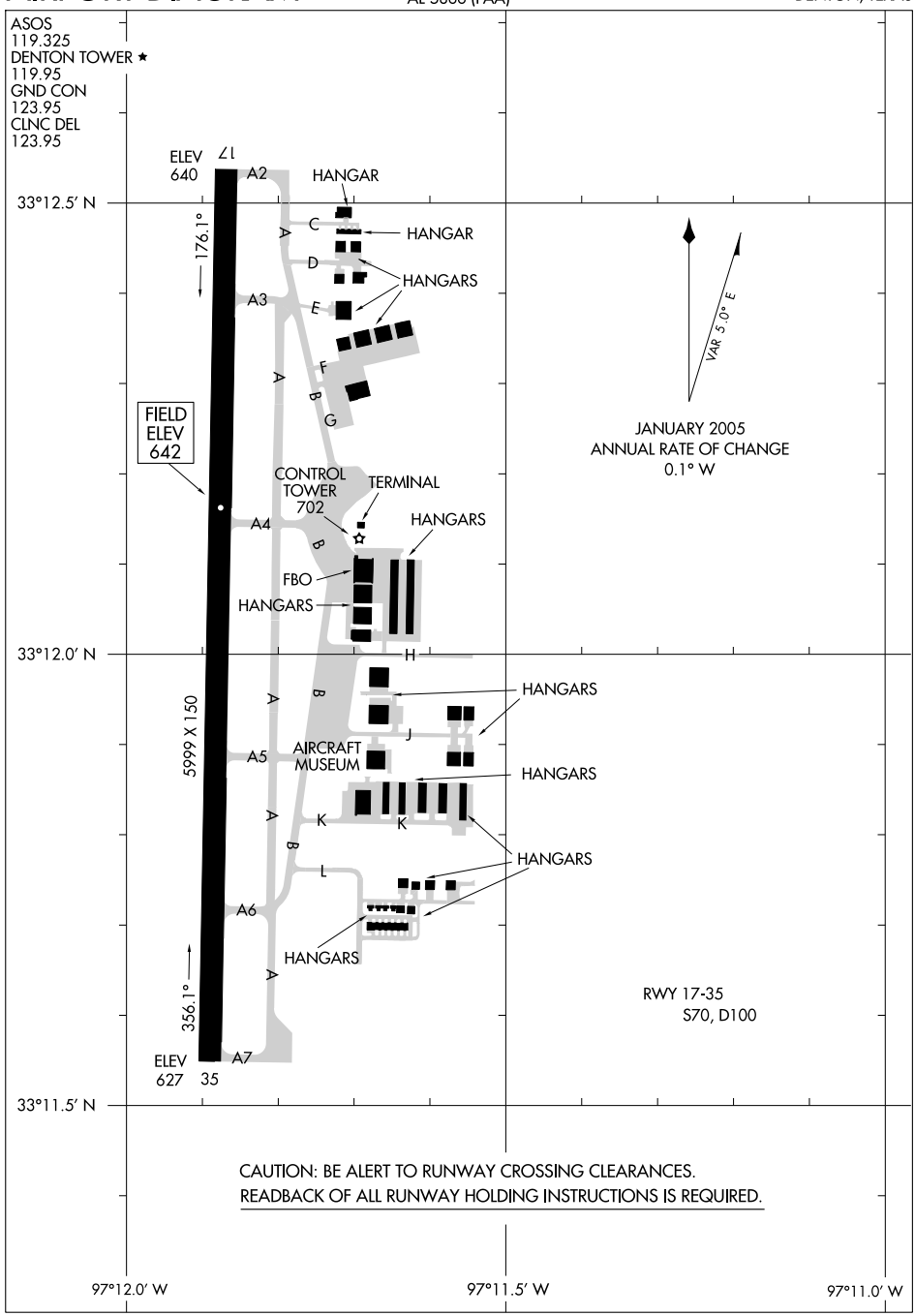
REIL Rwy 31
MIRL Rwy 13-31

SC-3, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-5866 (FAA)

DENTON MUNI (DTO)
DENTON, TEXAS



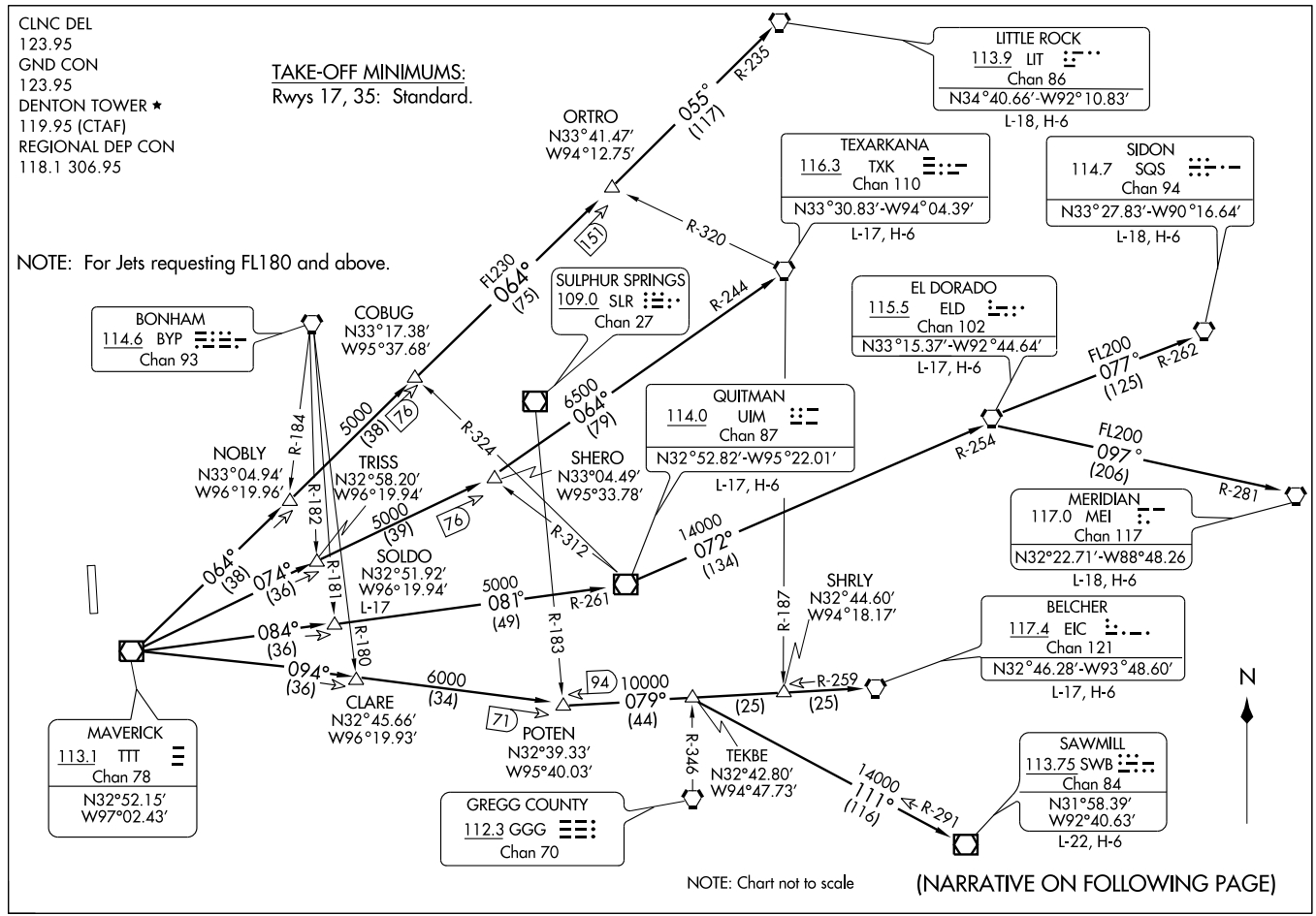
SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

CLNC DEL
123.95
GND CON
123.95
DENTON TOWER ★
119.95 (CTAF)
REGIONAL DEP CON
118.1 306.95

TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

NOTE: For Jets requesting FL180 and above.



NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

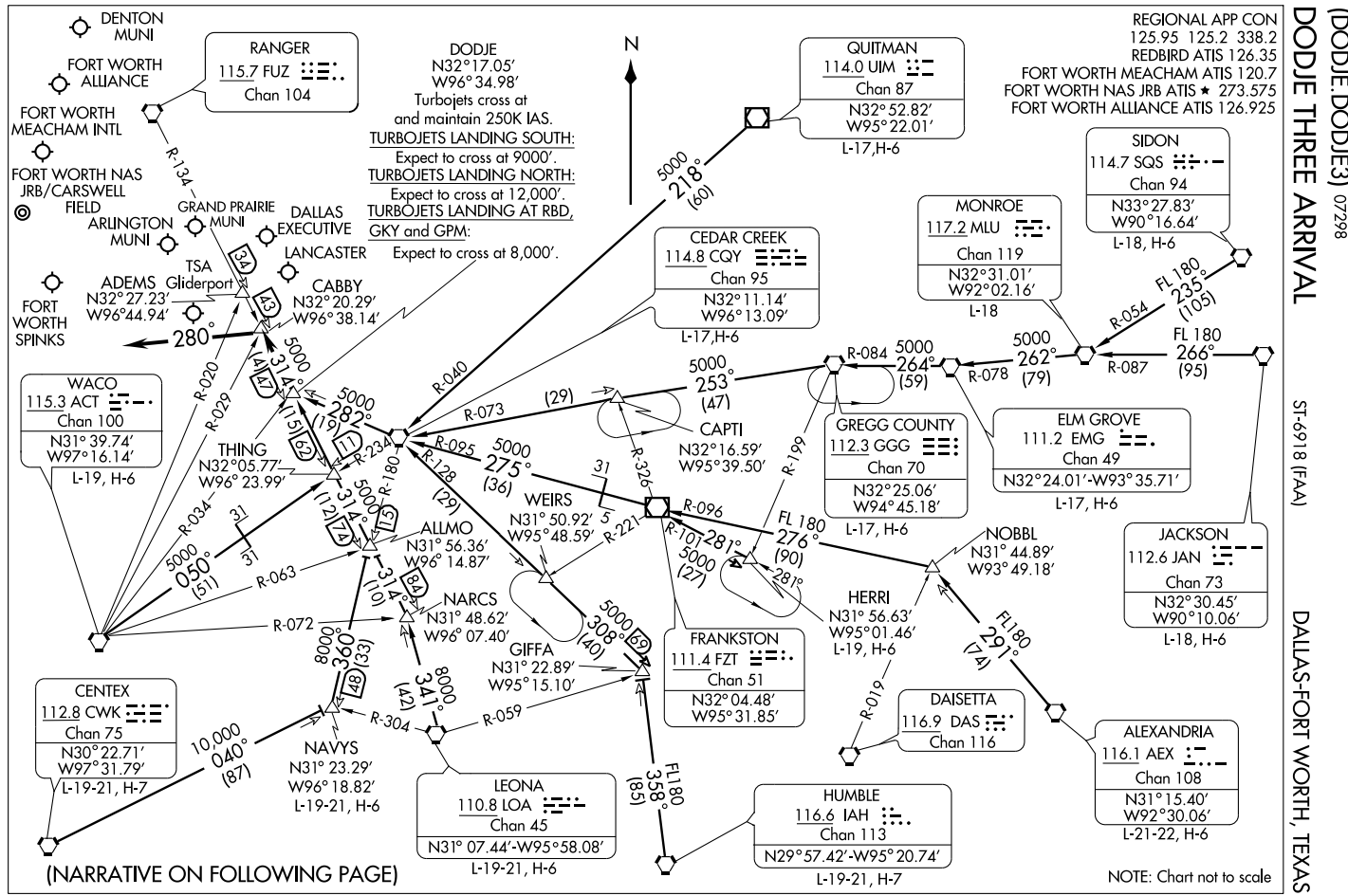
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

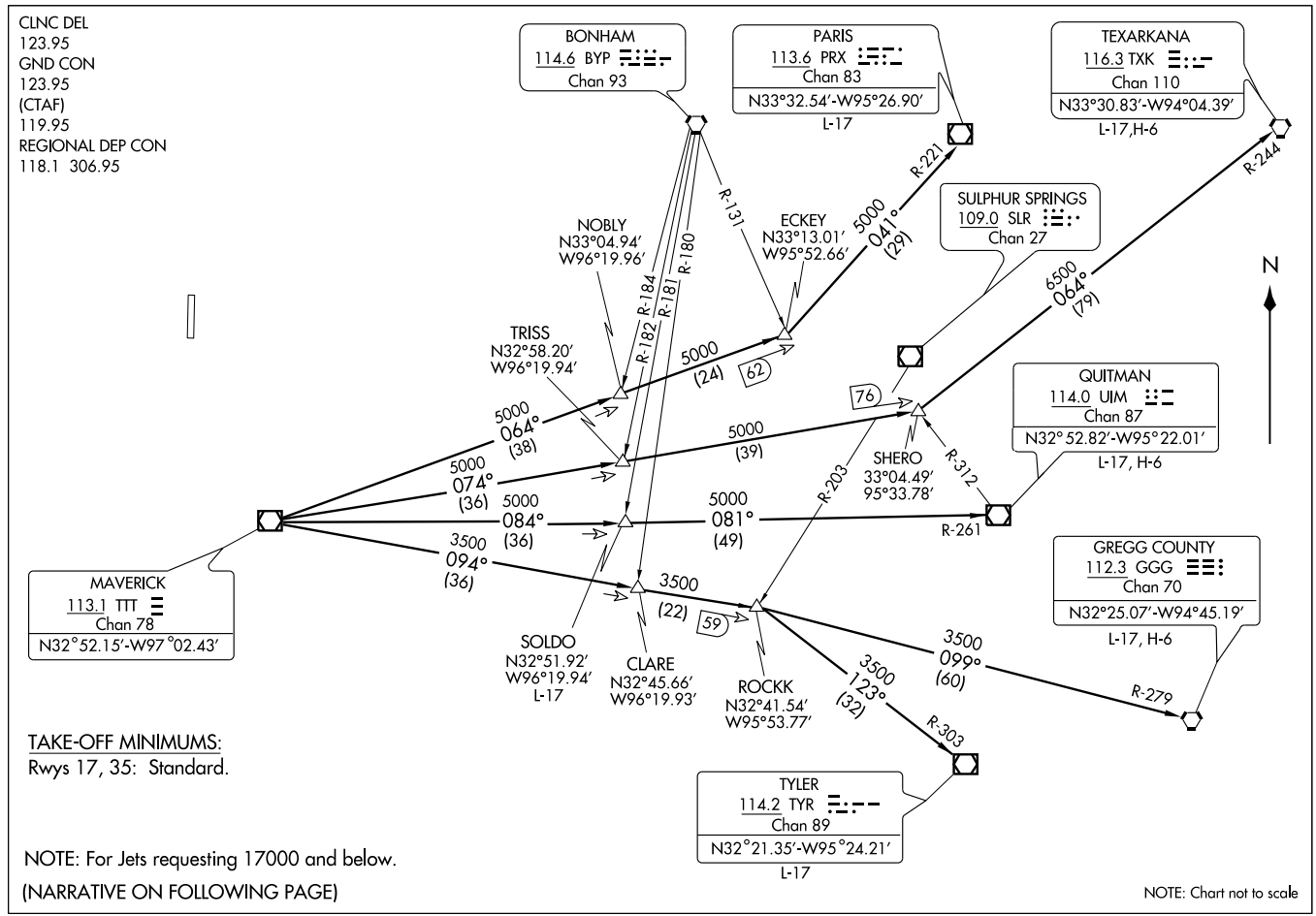
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 09351

GARLAND THREE DEPARTURE

SL-5866 (FAA)

DENTON MUNI (DTO)

DENTON, TEXAS

GARLAND THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010

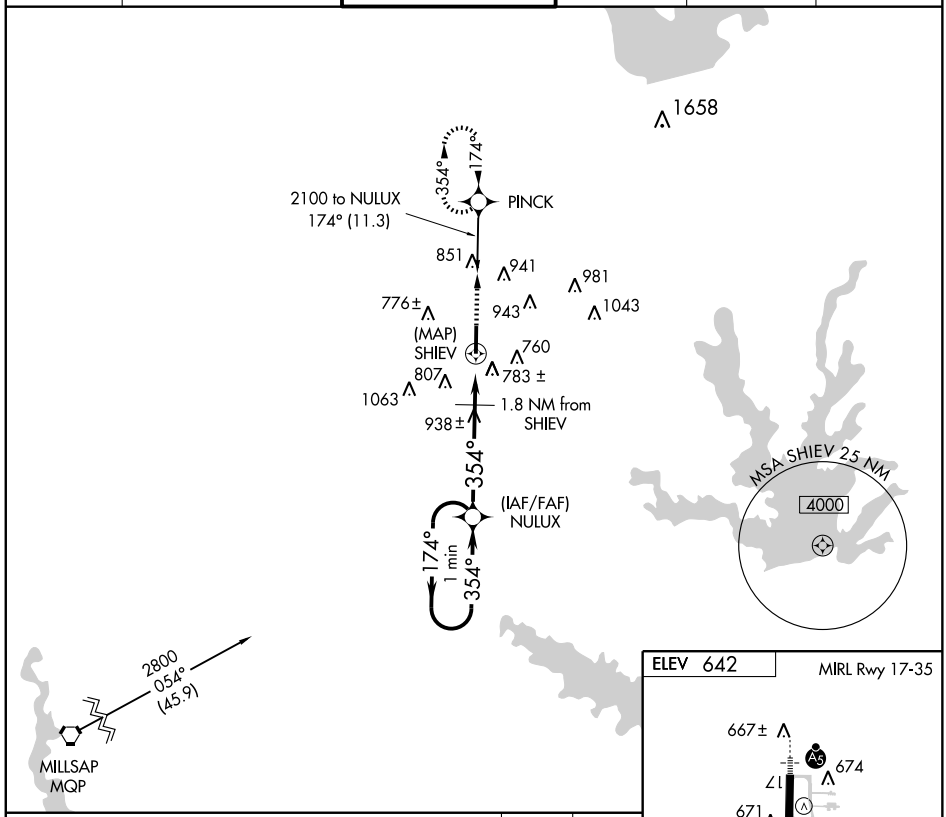
APP CRS	Rwy Idg	5999
354°	TDZE	642
	Apt Elev	642

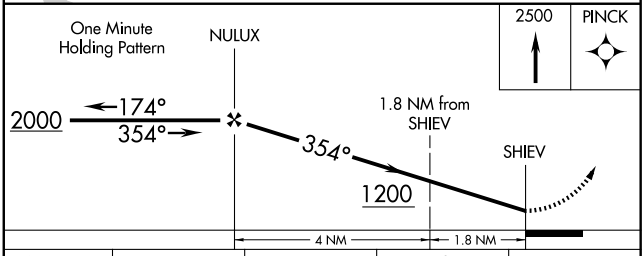
GPS RWY 35
DENTON MUNI (DTO)

NA

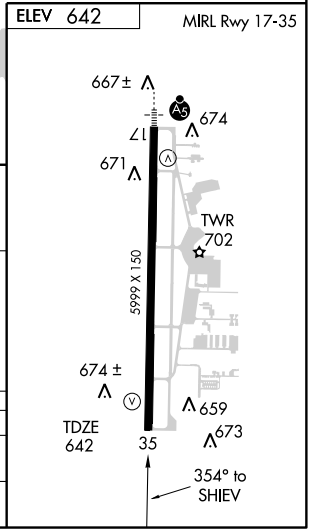
MISSED APPROACH: Climb to 2500 direct PINCK WP and hold.

ASOS	REGIONAL APP CON	DENTON TOWER ★	GND CON	CLNC DEL	UNICOM
119.325	118.1 306.95	119.95 CTAF	123.95	123.95	122.95

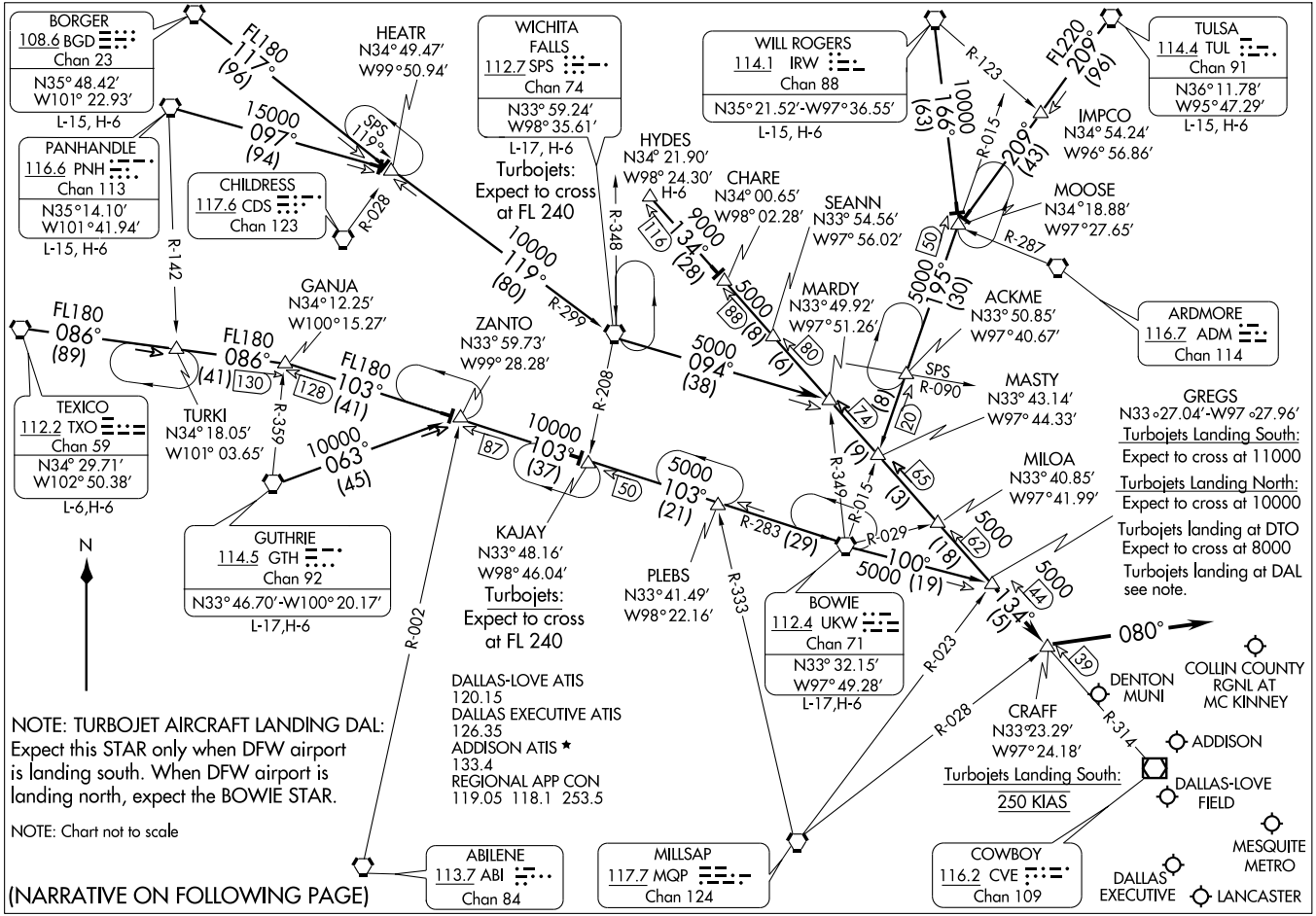




CATEGORY	A	B	C	D
S-35	1040-1 398 (400-1)			1040-1¼ 398 (400-1¼)
CIRCLING	1100-1 458 (500-1)		1120-1½ 478 (500-1½)	1260-2 618 (700-2)



SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

SL-5866 (FAA)

DENTON MUNI (DTO)
DENTON, TEXAS

CLNC DEL
123.95
GND CON
123.95
DENTON TOWER ★
119.95 (CTAF)
REGIONAL DEP CON
118.1 306.95
ASOS 119.325

N

BONHAM
114.6 BYP
Chan 93

PARIS
113.6 PRX
Chan 83
N33°32.54′-W95°26.90′
L-17

TEXARKANA
116.3 TKK
Chan 110
N33°30.83′-W94°04.39′
L-17, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

QUITMAN
114.0 UIM
Chan 87
N32°52.83′-W95°22.01′
L-17, H-6

GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07′-W94°45.19′
L-17, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

TYLER
114.2 TYR
Chan 89
N32°21.35′-W95°24.21′
L-17

NOBLY
N33°04.94′
W96°19.96′

ECKEY
N33°13.01′
W95°52.66′

TRISS
N32°58.20′
W96°19.94′

SHERO
33°04.49′
95°33.78′

SOLDO
N32°51.92′
W96°19.94′
L-17

CLARE
N32°45.66′
W96°19.93′

ROCKK
N32°41.54′
W95°53.77′

NAHMU
N32°32.22′
W97°04.90′

R-131
R-180
R-181
R-182
R-184
R-221
R-244
R-203
R-312
R-261
R-279
R-303

5000
041°
(29)

6500
064°
(79)

5000
(24)
62

5000
064°
(38)

5000
(39)

76

5000
074°
(36)

5000
084°
(36)

5000
081°
(49)

3500
094°
(36)

3500
(22)
59

3500
099°
(60)

3500
123°
(32)

TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 17:
Multiple trees beginning 190' from departure end of runway, 178' right of centerline, up to 66' AGL/665' MSL.
Building 371' from departure end of runway, 261' left of centerline, 14' AGL/643' MSL.
Rwy35:
Tree 1,242' from departure end of runway, 806' right of centerline, 63' AGL/692' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-DTO	APP CRS	Rwy Idg	5999
109.1	174°	TDZE	642
		Apt Elev	642

ILS or LOC RWY 17

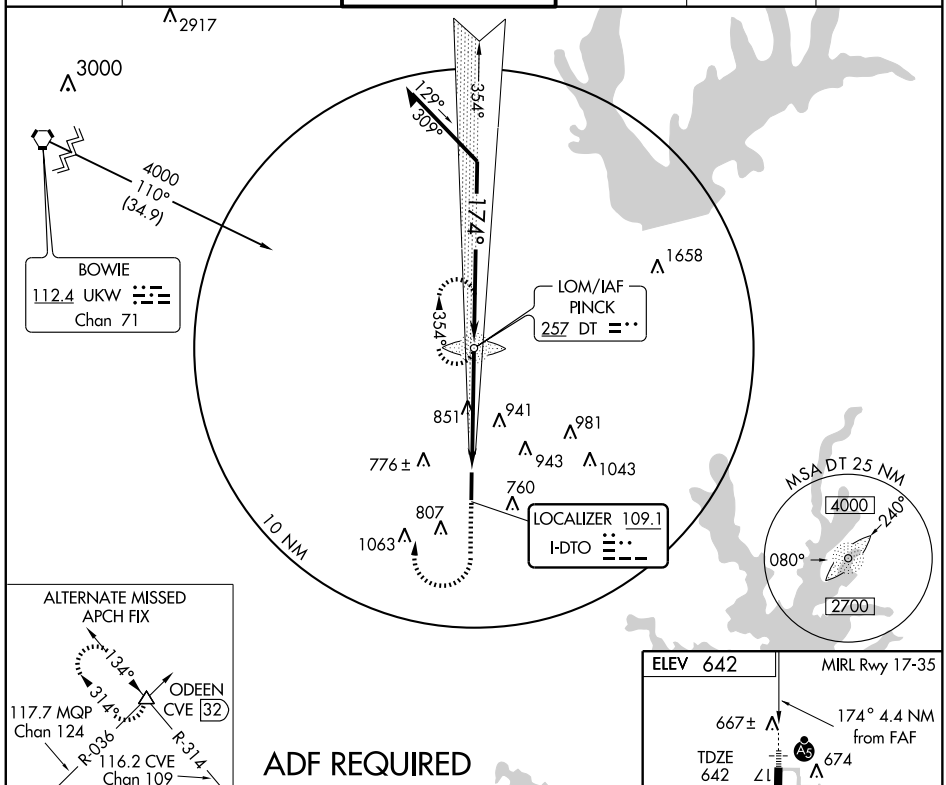
DENTON MUNI (DTO)

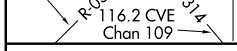
NA ADF REQUIRED

MALSR

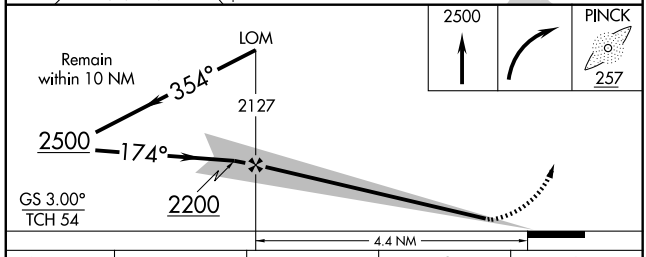
MISSED APPROACH: Climb to 2500, then right turn direct PINCK LOM and hold.

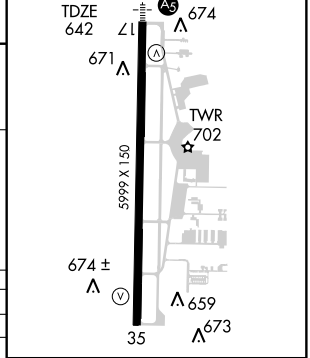
ASOS	REGIONAL APP CON	DENTON TOWER ★	GND CON	CLNC DEL	UNICOM
119.325	118.1 306.95	119.95 (CTAF) L	123.95	123.95	122.95





ADF REQUIRED





CATEGORY	A	B	C	D
S-ILS 17		842- ½	200 (200-½)	
S-LOC 17	1120-½ 478 (500-½)		1120-¾ 478 (500-¾)	1120-1 478 (500-1)
CIRCLING	1120-1 478 (500-1)		1120-1½ 478 (500-1½)	1260-2 618 (700-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-2, 17 DEC 2009 to 14 JAN 2010

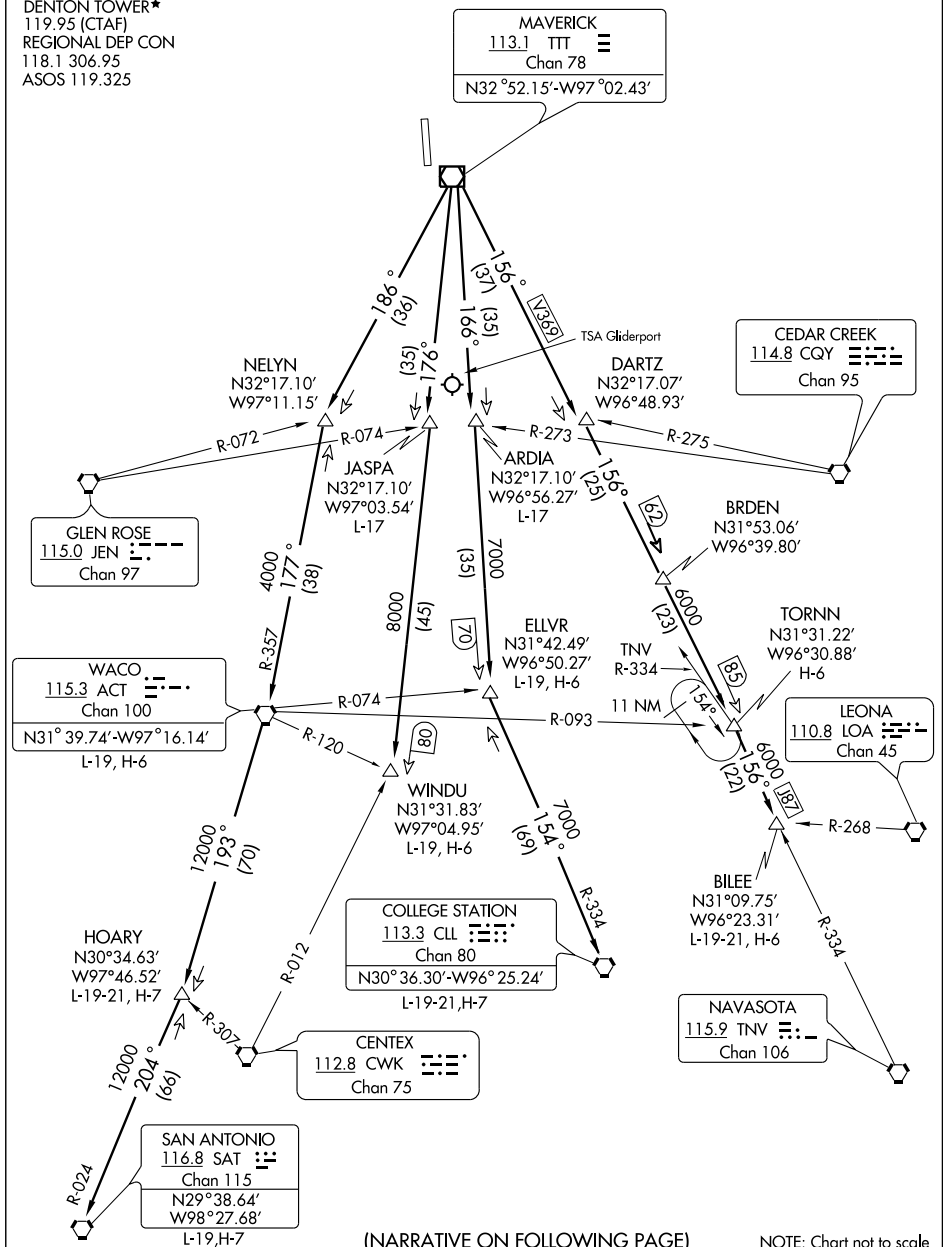
JOE POOL FOUR DEPARTURE

SL-5866 (FAA)

DENTON MUNI (DTO)
DENTON, TEXAS

CLNC DEL
123.95
GND CON
123.95
DENTON TOWER★
119.95 (CTAF)
REGIONAL DEP CON
118.1 306.95
ASOS 119.325

TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-5866 (FAA)

CLNC DEL 123.95
GND CON 123.95
DENTON TOWER ★ 119.95 (CTAF)
REGIONAL DEP CON 118.1 306.95
ASOS 119.325

TAKE-OFF OBSTACLES:
Note: Rwy 17, Multiple trees beginning 190′ from DER, 178′ right of centerline, up to 66′ AGL/665′ MSL. Building 371′ from DER, 261′ left of centerline, 14′ AGL/643′ MSL.
Note: Rwy 35, Tree 1242′ from DER, 806′ right of centerline, 63′ AGL/692′ MSL.

N

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′-W98°35.61′
L-17, H-6

R-148 (25) V568

KARYN
N33°35.82′
W98°24.42′

R-271

BOWIE
112.4 UKW
Chan 71

R-146

GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6

6000 326° (63) V18

4000 328° (22)

R-225

R-165

FERRA
N33° 05.47′
W97°44.00′

RANGER
115.7 FUZ
Chan 104
N32°53.37′
W97°10.77′

MUZZO
N33°15.10′
W98°14.61′

65 34

4000 (27)

2300 285° (37)

2100 274° (7)

CEOLA
N32°51.98′
W97°44.00′

RUWLO
N32°47.28′
W99°07.77′

R-330

2500 261° (28)

2800 250° (36)

8000 (71)

99

8000 265° V18 93 (36)

BEKLE
N32°49.27′
W99°49.92′

R-265

4000 261° (13)

R-081

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

PODDE
N32°43.58′
W97°44.00′
L-17

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57′
W97°59.85′
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwys 17, 35 standard.

NOTE: Chart not to scale

NOTE: For all aircraft requesting 17,000′ and below.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

DENTON, TEXAS

AL-5866 (FAA)

09351

NDB or GPS RWY 17

DENTON MUNI (DTO)

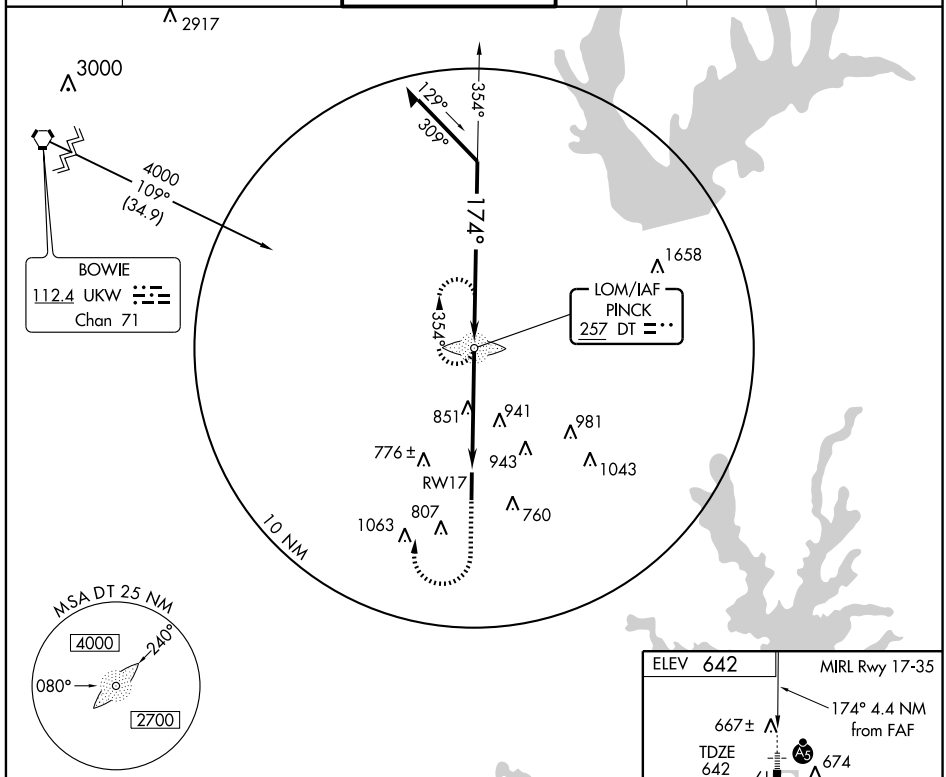
LOM DT	APP CRS	Rwy Idg	5999
257	174°	TDZE	642
		Apt Elev	642

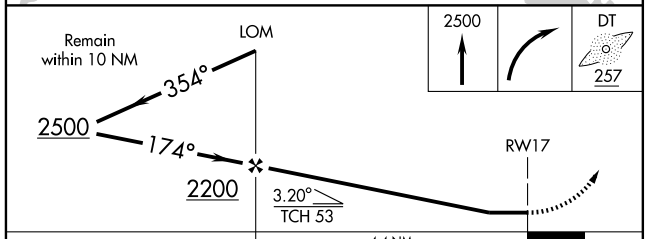
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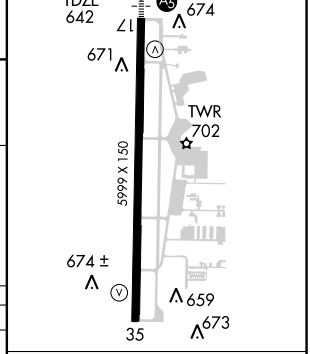
MALSR

MISSED APPROACH: Climb to 2500, then right turn direct DT LOM and hold.

ASOS	REGIONAL APP CON	DENTON TOWER ★	GND CON	CLNC DEL	UNICOM
119.325	118.1 306.95	119.95 CTAF	123.95	123.95	122.95





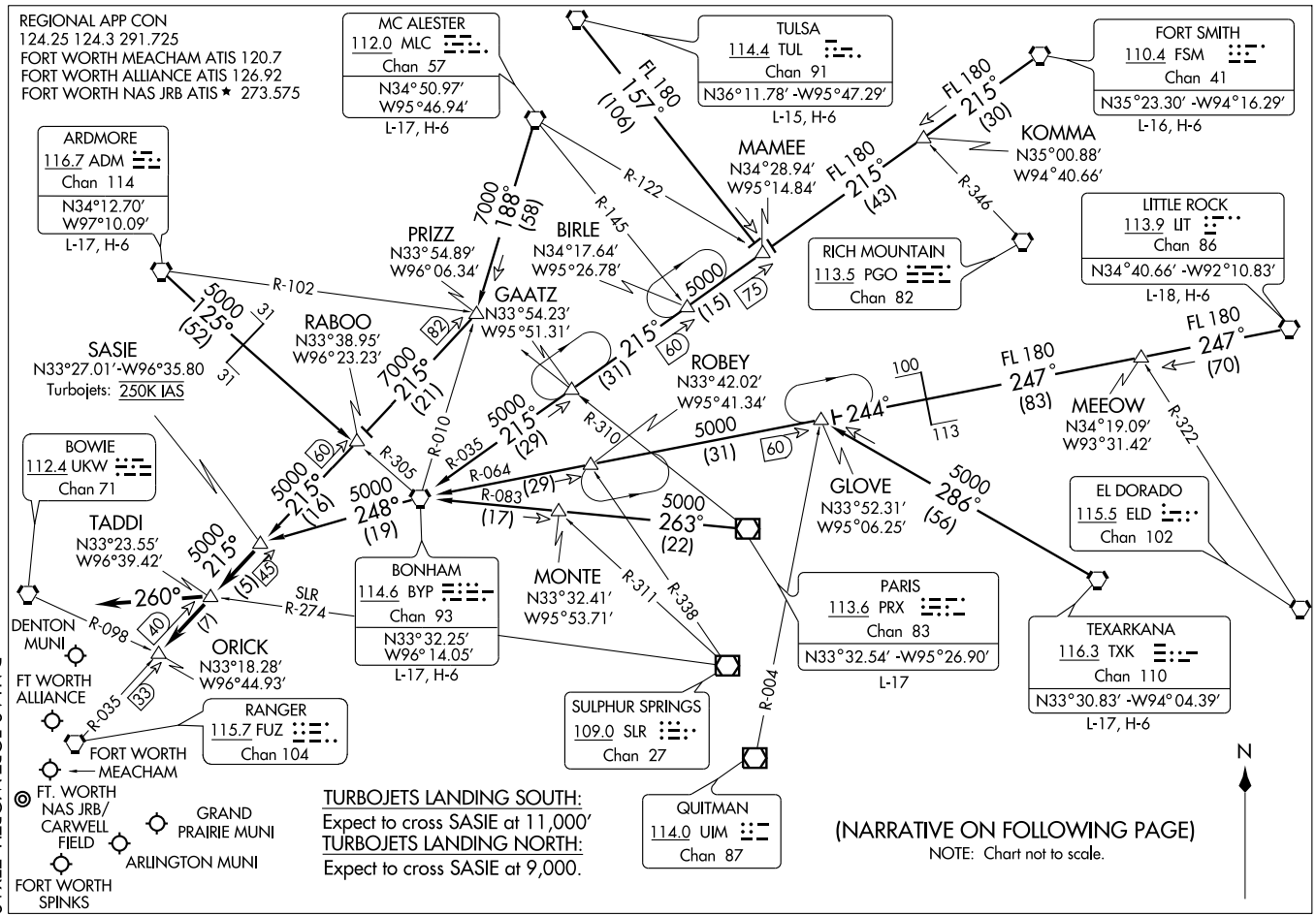


CATEGORY	A	B	C	D
S-17	1260-¾	618 (700-¾)	1260-1¼ 618 (700-1¼)	1260-1¾ 618 (700-1¾)
CIRCLING	1260-1	618 (700-1)	1260-1¾ 618 (700-1¾)	1260-2 618 (700-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

ARRIVAL DESCRIPTION

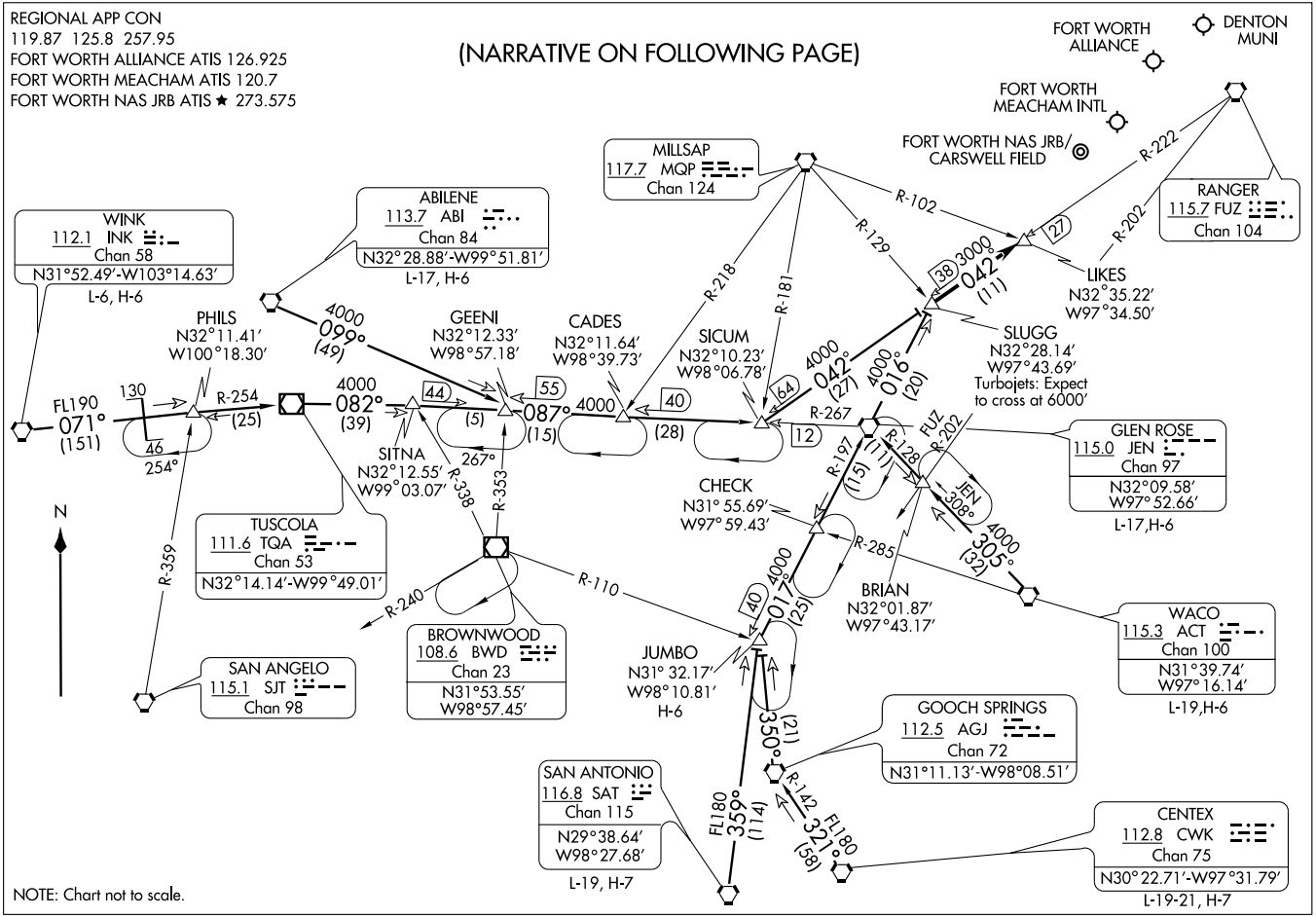
ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

SLUGG SIX ARRIVAL

REGIONAL APP CON
119.87 125.8 257.95
FORT WORTH ALLIANCE ATIS 126.925
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575

(NARRATIVE ON FOLLOWING PAGE)



ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.SLUGG6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

CENTEX TRANSITION (CWK.SLUGG6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.SLUGG6): From over JEN VORTAC via JEN R-016 to SLUGG INT. Thence . . . .

JUMBO TRANSITION (JUMBO.SLUGG6): From over JUMBO INT via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.SLUGG6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WACO TRANSITION (ACT.SLUGG6): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WINK TRANSITION (INK.SLUGG6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

. . . . From over SLUGG INT, via FUZ R-222 to LIKES INT. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-5866 (FAA)

DENTON MUNI (DTO)
DENTON, TEXAS

CLNC DEL
123.95
GND CON
123.95
DENTON TOWER★
119.95 (CTAF)
REGIONAL DEP CON
118.1 306.95
ASOS 119.325

TULSA
114.4 TUL
Chan 91
N36°11.78′
W95°47.29′
L-15, H-6

OKMULGEE
114.9 OKM
Chan 96
N35°41.59′
W95°51.96′
L-15, H-6

ROLLS
N35°43.36′
W99°28.24′
L-15, H-6

WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6

MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6

ZEMMA
N34°23.03′
W96°59.40′
L-17, H-6

MRMAC
N34°50.48′
W98°06.57′

EAKER
N34°19.05′
W96°37.19′
L-17,H-6

TIKYS
N34°04.00′
W96°25.56′

ARDMORE
116.7 ADM
Chan 114
N34°12.70′-W97°10.09
L-17, H-6

TEXOMA
114.3 URH
Chan 90

BLECO
N33°27.05′
W97°06.54′
L-17

GRABE
N33°27.09′
W96°57.69′
L-17

BOWIE
112.4 UKW
Chan 71

LOWGN
N33°27.05′
W97°14.99′

AKUNA
N33°27.04′
W96°49.39′

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104
N32°53.37′-W97°10.77′

TAKE-OFF MINIMUMS:
Rwys 17, 35: STANDARD.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

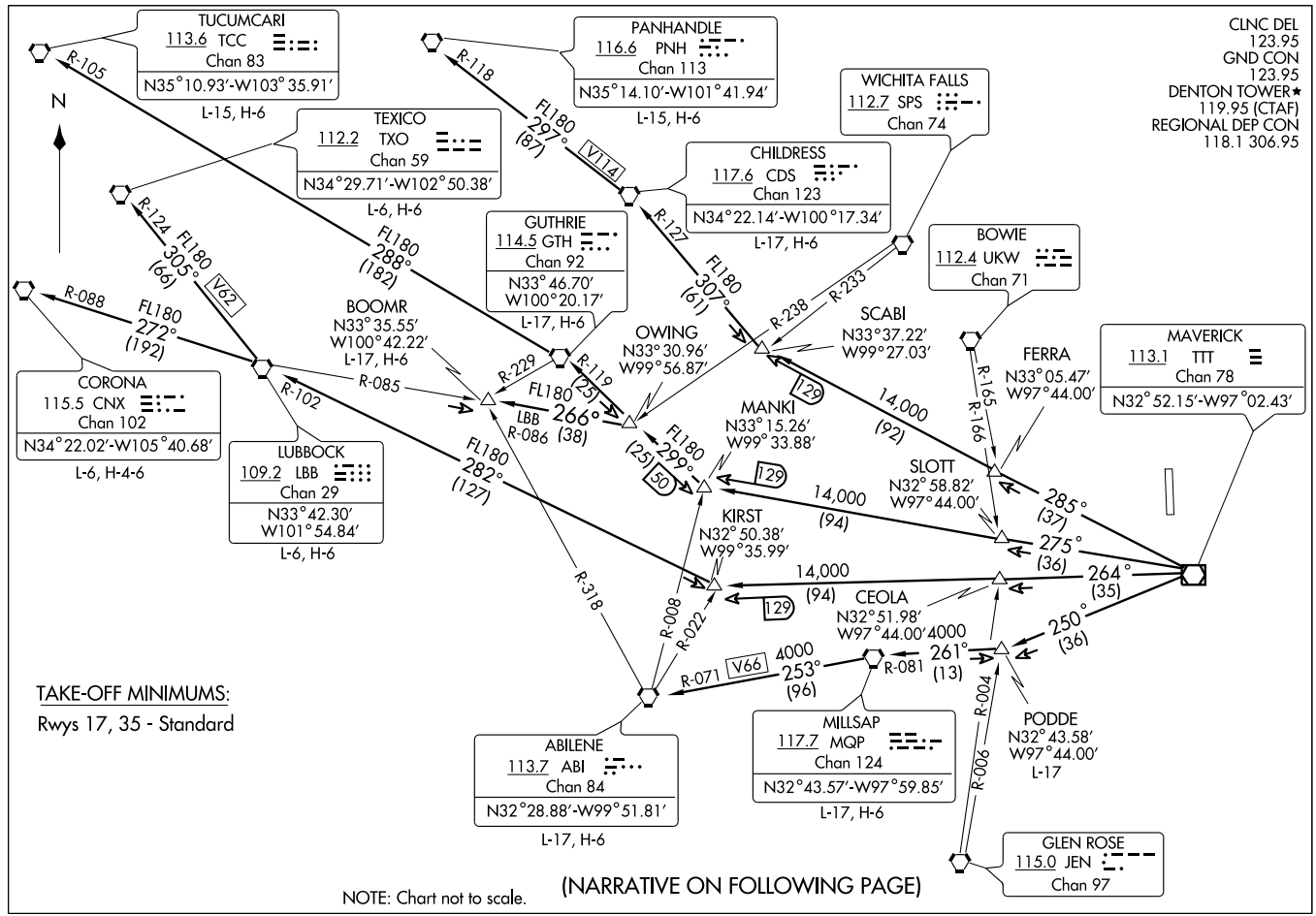
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010


TUCUMCARI
113.6 TCC
Chan 83
N35°10.93'-W103°35.91'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10'-W101°41.94'
L-15, H-6
WICHITA FALLS
112.7 SPS
Chan 74
TEXICO
112.2 TXO
Chan 59
N34°29.71'-W102°50.38'
L-6, H-6
CHILDRESS
117.6 CDS
Chan 123
N34°22.14'-W100°17.34'
L-17, H-6
GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6
BOWIE
112.4 UKW
Chan 71
BOOMR
N33°35.55'
W100°42.22'
L-17, H-6
OWING
N33°30.96'
W99°56.87'
SCABI
N33°37.22'
W99°27.03'
FERRA
N33°05.47'
W97°44.00'
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
CORONA
115.5 CNX
Chan 102
N34°22.02'-W105°40.68'
L-6, H-4-6
LUBBOCK
109.2 LBB
Chan 29
N33°42.30'
W101°54.84'
L-6, H-6
MANKI
N33°15.26'
W99°33.88'
SLOTT
N32°58.82'
W97°44.00'
KIRST
N32°50.38'
W99°35.99'
CEOLA
N32°51.98'
W97°44.00'
ABILENE
113.7 ABI
Chan 84
N32°28.88'-W99°51.81'
L-17, H-6
MILLSAP
117.7 MQP
Chan 124
N32°43.57'-W97°59.85'
L-17, H-6
PODDE
N32°43.58'
W97°44.00'
L-17
GLEN ROSE
115.0 JEN
Chan 97
CLNC DEL
123.95
GND CON
123.95
DENTON TOWER★
119.95 (CTAF)
REGIONAL DEP CON
118.1 306.95
WORTH FIVE DEPARTURE
(WORTH5.111) 08269
SL-5866 (FAA)
DENTON MUNI (DTO)
DENTON, TEXAS
TAKE-OFF MINIMUMS:
Rwys 17, 35 - Standard
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)
SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB HHH	APP CRS	Rwy Idg	3400
359	356°	TDZE	703
		Apt Elev	703

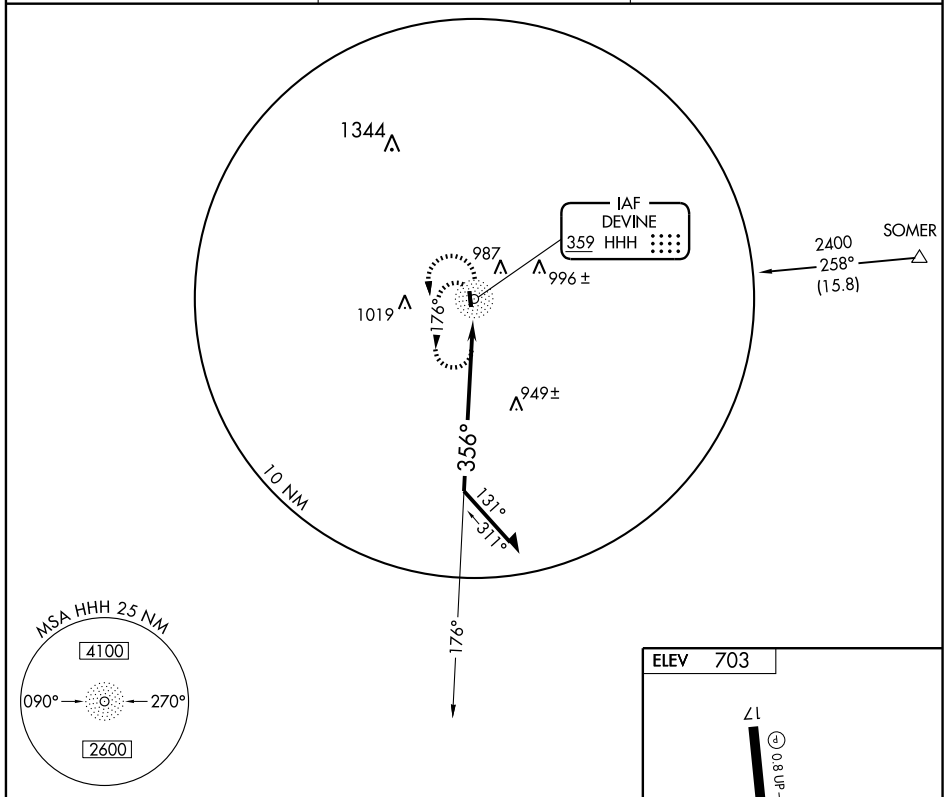
NDB RWY 35

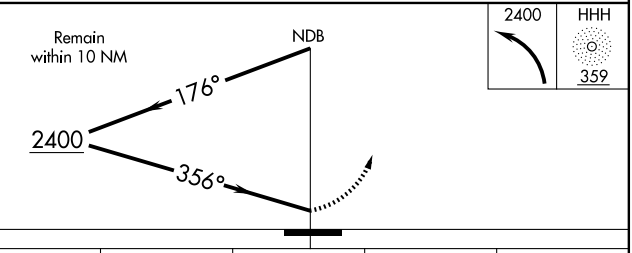
DEVINE MUNI (23R)

Use Castroville Muni altimeter setting; when not received, use Hondo Muni altimeter setting and increase all MDA 40 feet.

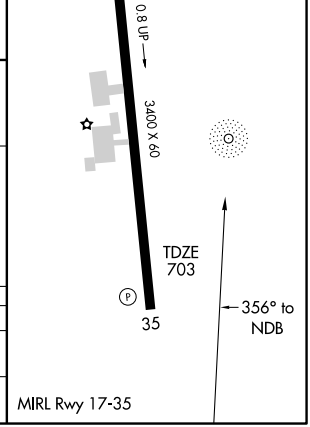
MISSED APPROACH: Climbing left turn to 2400 in HHH NDB holding pattern.

CASTROVILLE AWOS	SAN ANTONIO APP CON	CTAF
119.250	118.05 353.5	122.9 (L)





CATEGORY	A	B	C	D
S-35	1340-1	637 (700-1)	NA	
CIRCLING	1380-1	677 (700-1)	NA	



SC-3, 17 DEC 2009 to 14 JAN 2010

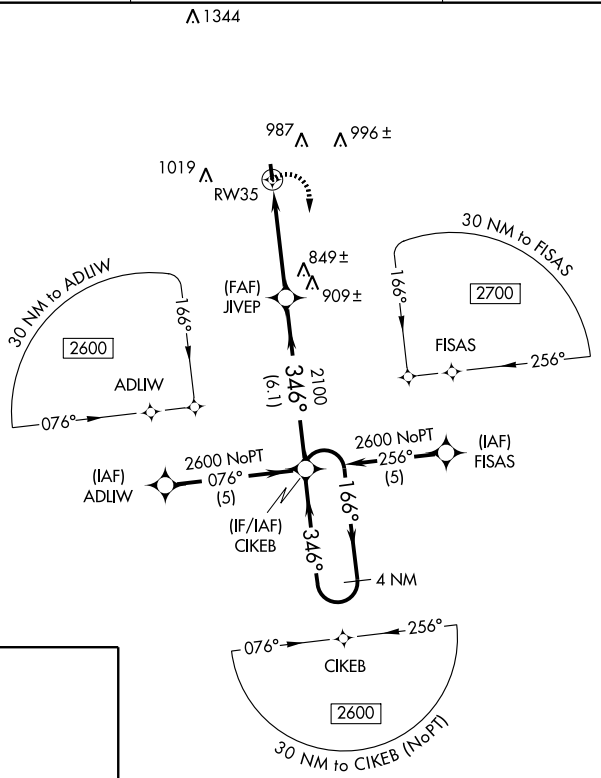
APP CRS	Rwy Idg	3400
346°	TDZE	703
	Apt Elev	703

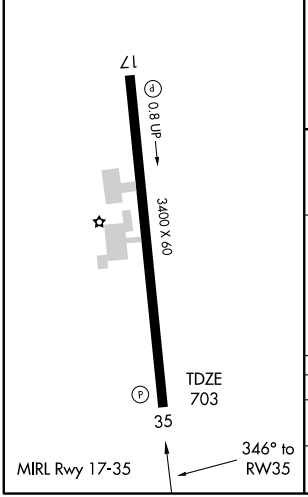
RNAV (GPS) RWY 35
DEVINE MUNI (23R)

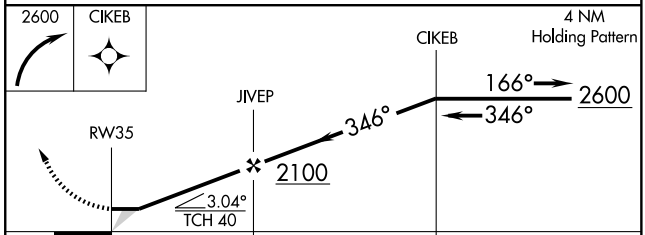
DME/DME RNP-0.3 NA. Use Castroville Muni altimeter setting; when not received, use Hondo Muni altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climbing right turn to 2600 direct CIKEB and hold.

CASTROVILLE AWOS	SAN ANTONIO APP CON	CTAF
119.250	118.05 353.5	122.9 (L)







CATEGORY	A	B	C	D
LNAV MDA	1140-1	437 (500-1)	NA	
CIRCLING	1380-1	677 (700-1)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

DUMAS, TEXAS

AL-6429 (FAA)

APP CRS	Rwy Idg	5474
194°	TDZE	3701
	Apt Elev	3705

GPS RWY 19

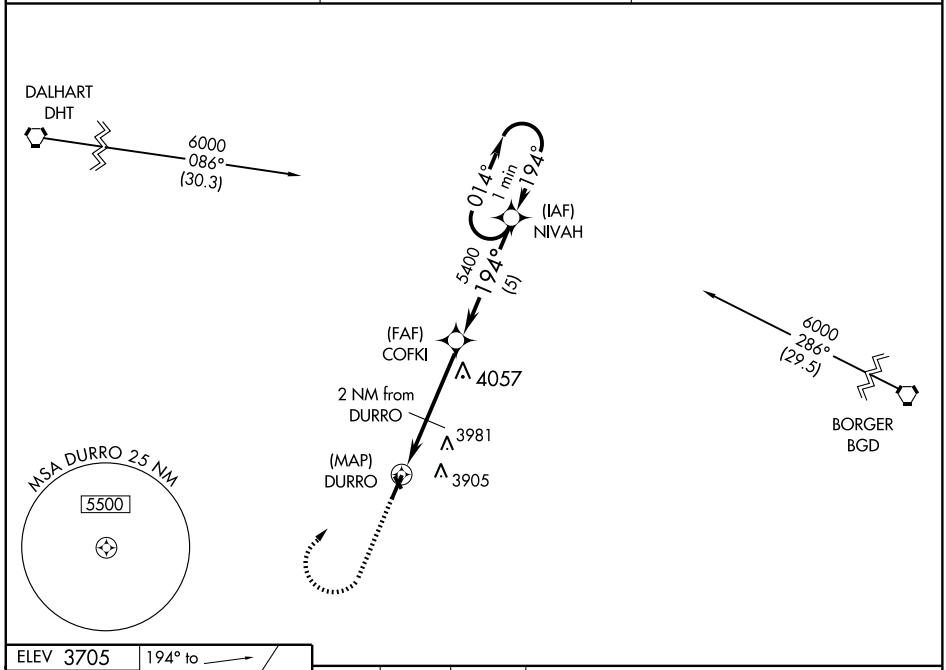
DUMAS/MOORE COUNTY (DUX)

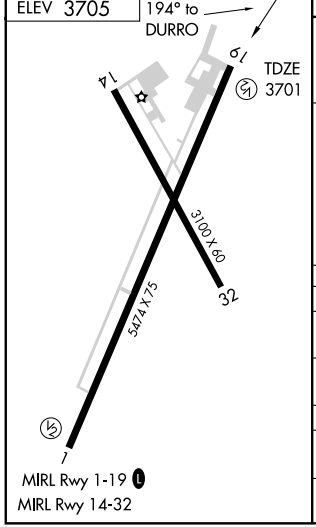
Obtain local altimeter setting on CTAF; when not received, use Amarillo Intl altimeter setting.

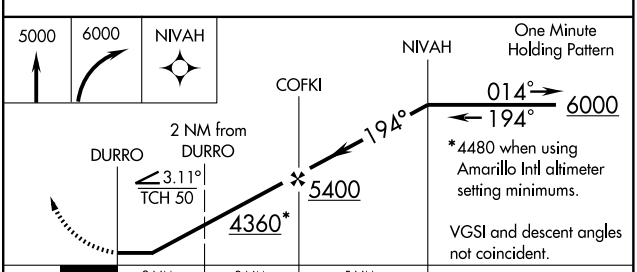
⚠ NA

MISSED APPROACH: Climb to 5000 then climbing right turn to 6000 direct NIVAH and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.075	127.85 285.475	122.8 L (CTAF)







CATEGORY	A	B	C	D
S-19	4200-1 499 (500-1)		4200-1 ¼ 499 (500-1¼)	4200-1½ 499 (500-1½)
CIRCLING	4200-1 495 (500-1)	4220-1 515 (600-1)	4220-1 ½ 515 (600-1½)	4300-2 595 (600-2)
AMARILLO INTL ALTIMETER SETTING MINIMUMS				
S-19	4320-1 619 (700-1)		4320-1 ¾ 619 (700-1¾)	4320-2 619 (700-2)
CIRCLING	4320-1 615 (700-1)		4320-1¾ 615 (700-1¾)	4400-2 ¼ 695 (700-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	N/A
106°	TDZE	N/A
	Apt Elev	3705

VOR/DME-A

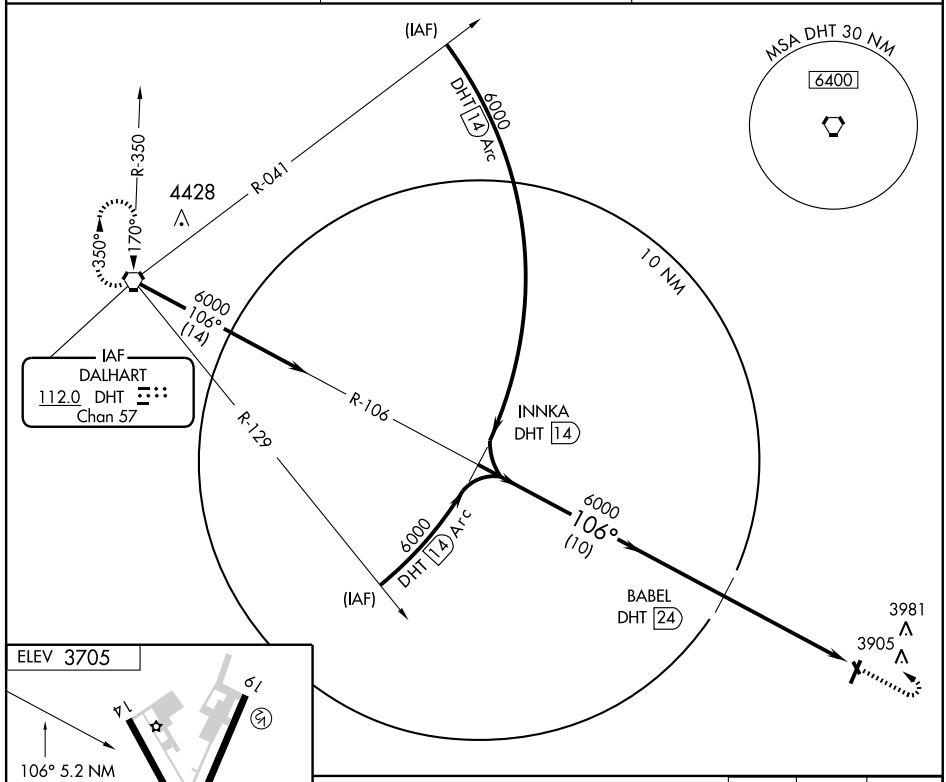
DUMAS/MOORE COUNTY (DUX)

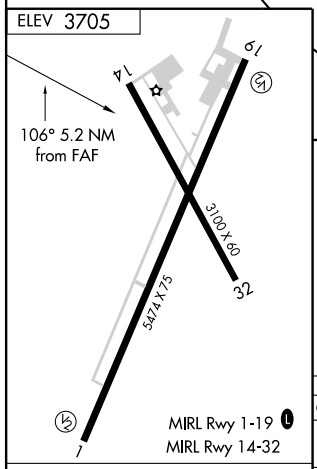
Obtain local altimeter on CTAF; when not received, use Amarillo altimeter setting. When neither received, procedure not authorized.

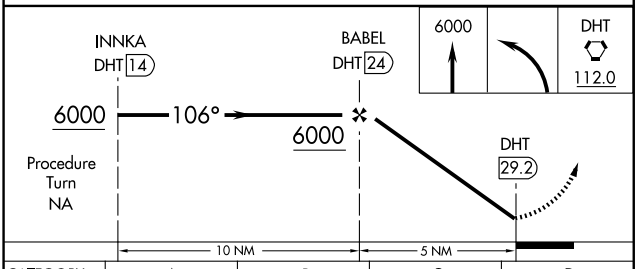
⚠ NA

MISSED APPROACH: Climb to 6000 then turn left direct DHT VORTAC and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.075	127.85 285.475	122.8 L (CTAF)







CATEGORY	A	B	C	D
CIRCLING	4700-1¼ 995 (1000-1¼)	4700-1½ 995 (1000-1½)	4700-3 995 (1000-3)	
AMARILLO ALTIMETER SETTING MINIMUMS				
CIRCLING	4820-1¼ 1115 (1200-1¼)	4820-1½ 1115 (1200-1½)	4820-3 1115 (1200-3)	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3801
166°	TDZE	184
	Apt Elev	184

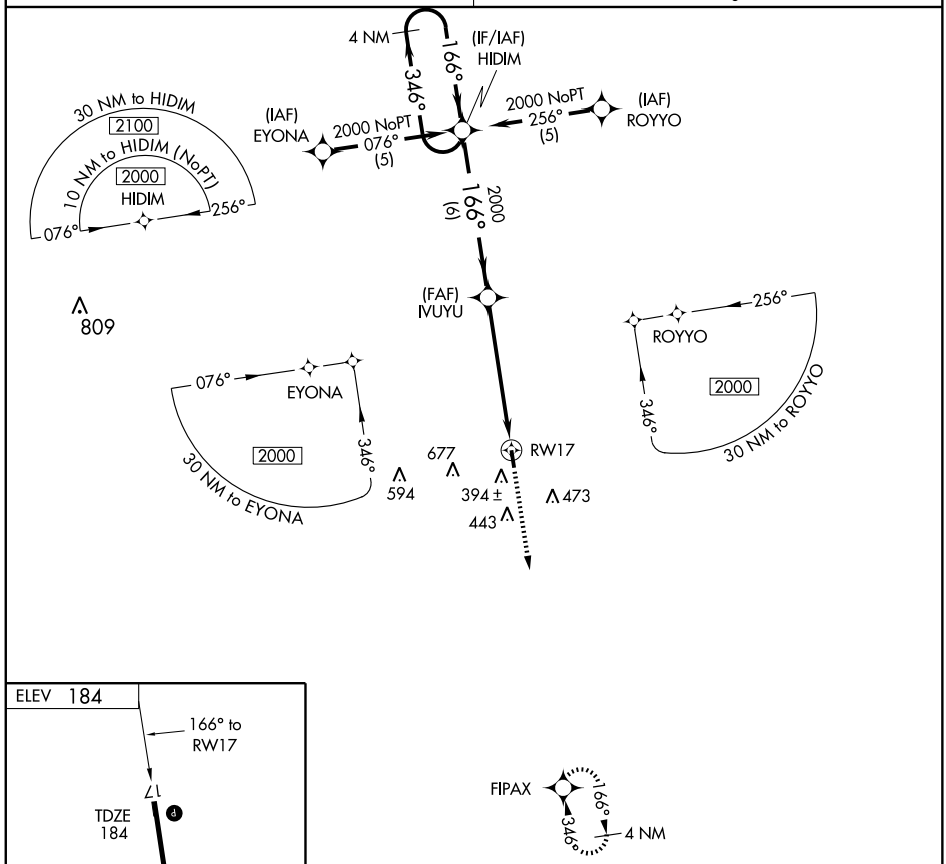
RNAV (GPS) RWY 17

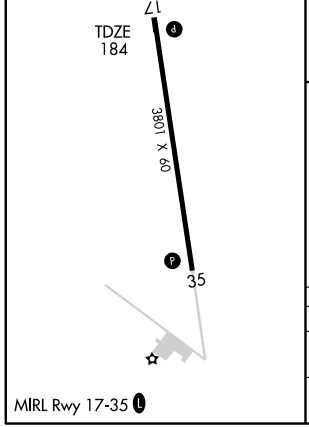
EAGLE LAKE (ELA)

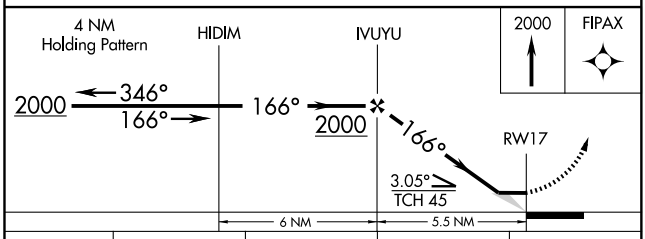
DME/DME RNP-0.3 NA.
NA Use Sugar Land Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct FIPAX and hold.

HOUSTON CENTER	CTAF
128.6 360.8	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	680-1	496 (500-1)	680-1¼ 496 (500-1¼)	NA
CIRCLING	840-1	656 (700-1)	840-1¾ 656 (700-1¾)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

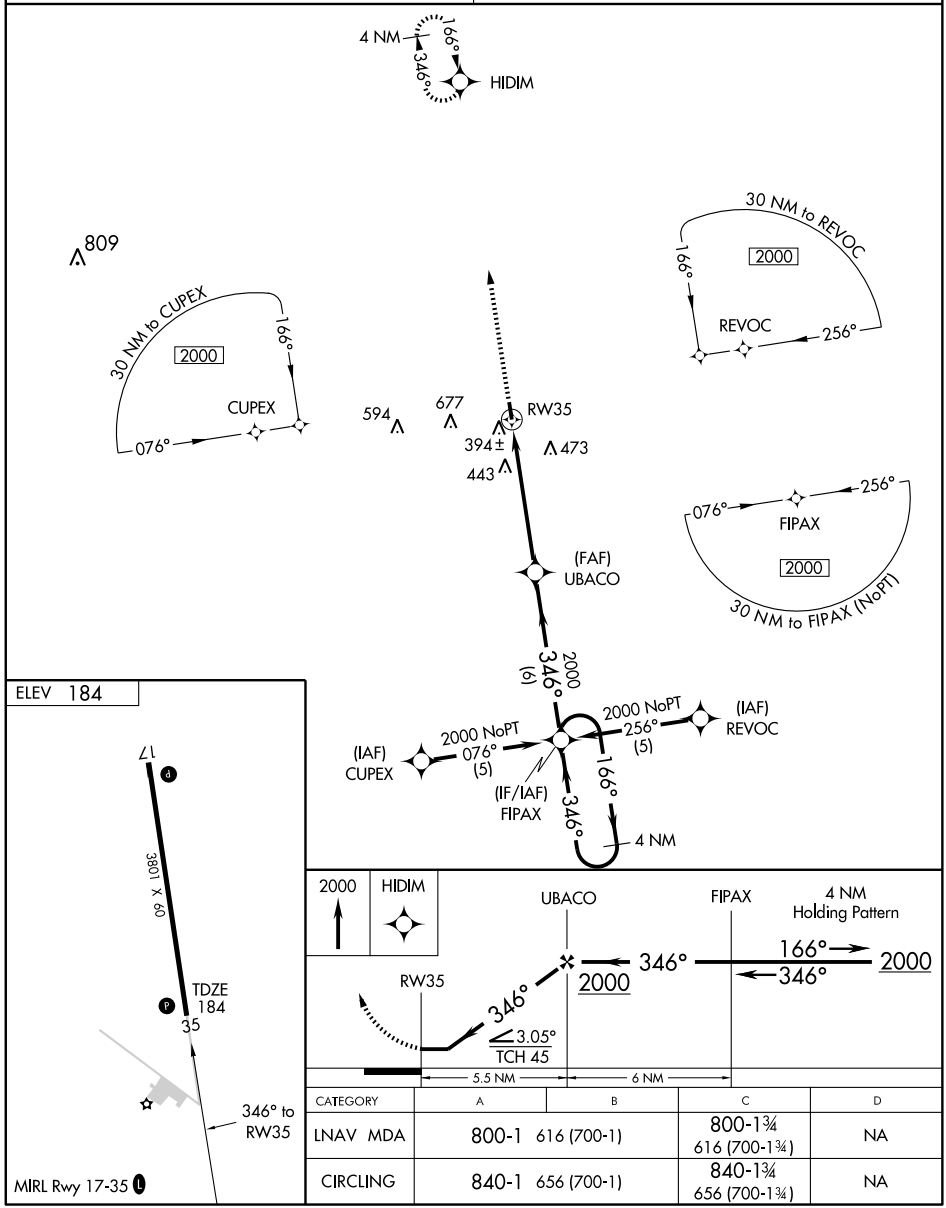
APP CRS	Rwy Idg	3801
346°	TDZE	184
	Apt Elev	184

RNAV (GPS) RWY 35
EAGLE LAKE (ELA)

DME/DME RNP-0.3 NA.
NA Use Sugar Land Rgnl altimeter setting.

MISSED APPROACH: Climb to 2000 direct HIDIM and hold.

HOUSTON CENTER	CTAF
128.6 360.8	122.9 L



CATEGORY	A	B	C	D
LNAV MDA	800-1	616 (700-1)	800-1¾ 616 (700-1¾)	NA
CIRCLING	840-1	656 (700-1)	840-1¾ 656 (700-1¾)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR ELA 116.4 Chan 111	APP CRS 177°	Rwy Idg 3801 TDZE 184 Apt Elev 184

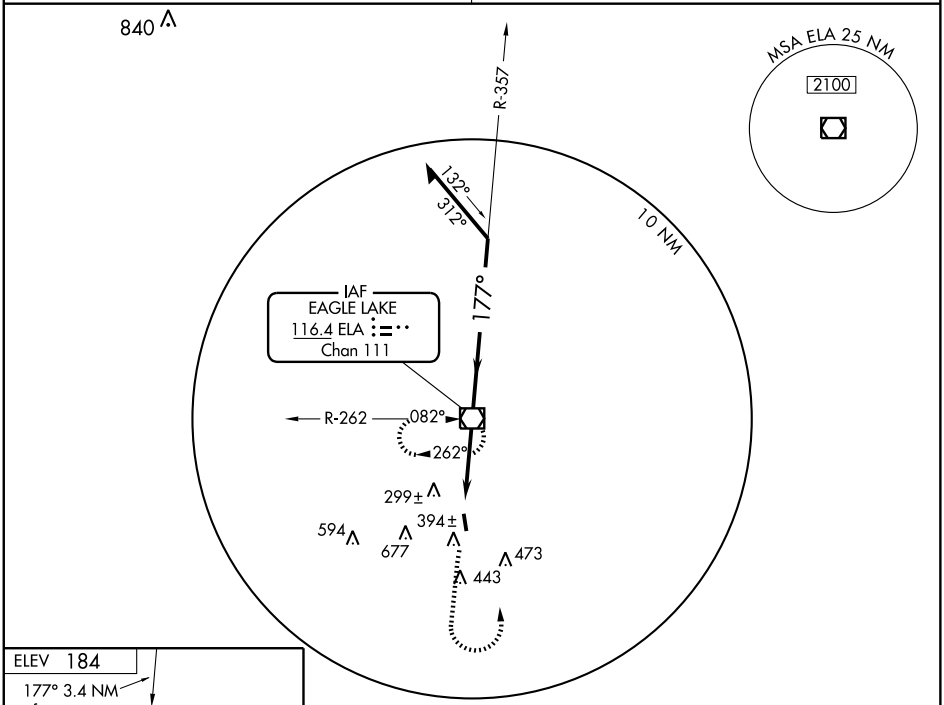
VOR RWY 17
EAGLE LAKE (ELA)

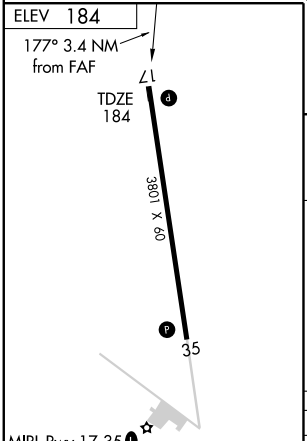
Use Sugar Land Rgnl altimeter setting.
NA

MISSED APPROACH: Climb to 2000, then left turn direct ELA VOR/DME and hold.

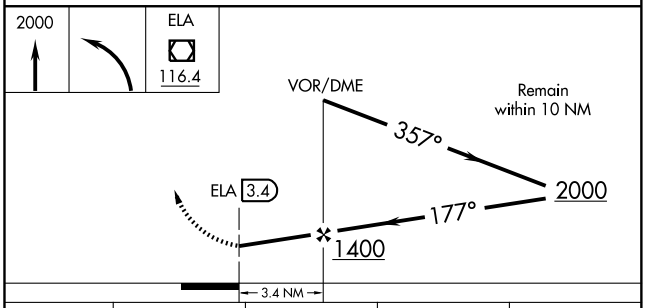
HOUSTON CENTER
128.6 360.8

CTAF
122.9 L





FAF to MAP 3.4 NM					
Knots	60	90	120	150	180
Min:Sec	3:24	2:16	1:42	1:22	1:08



CATEGORY	A	B	C	D
S-17	660-1 476 (500-1)		660-1¼ 476 (500-1¼)	NA
CIRCLING	840-1 656 (700-1)		840-1¾ 656 (700-1¾)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5506
144°	TDZE	887
	Apt Elev	887

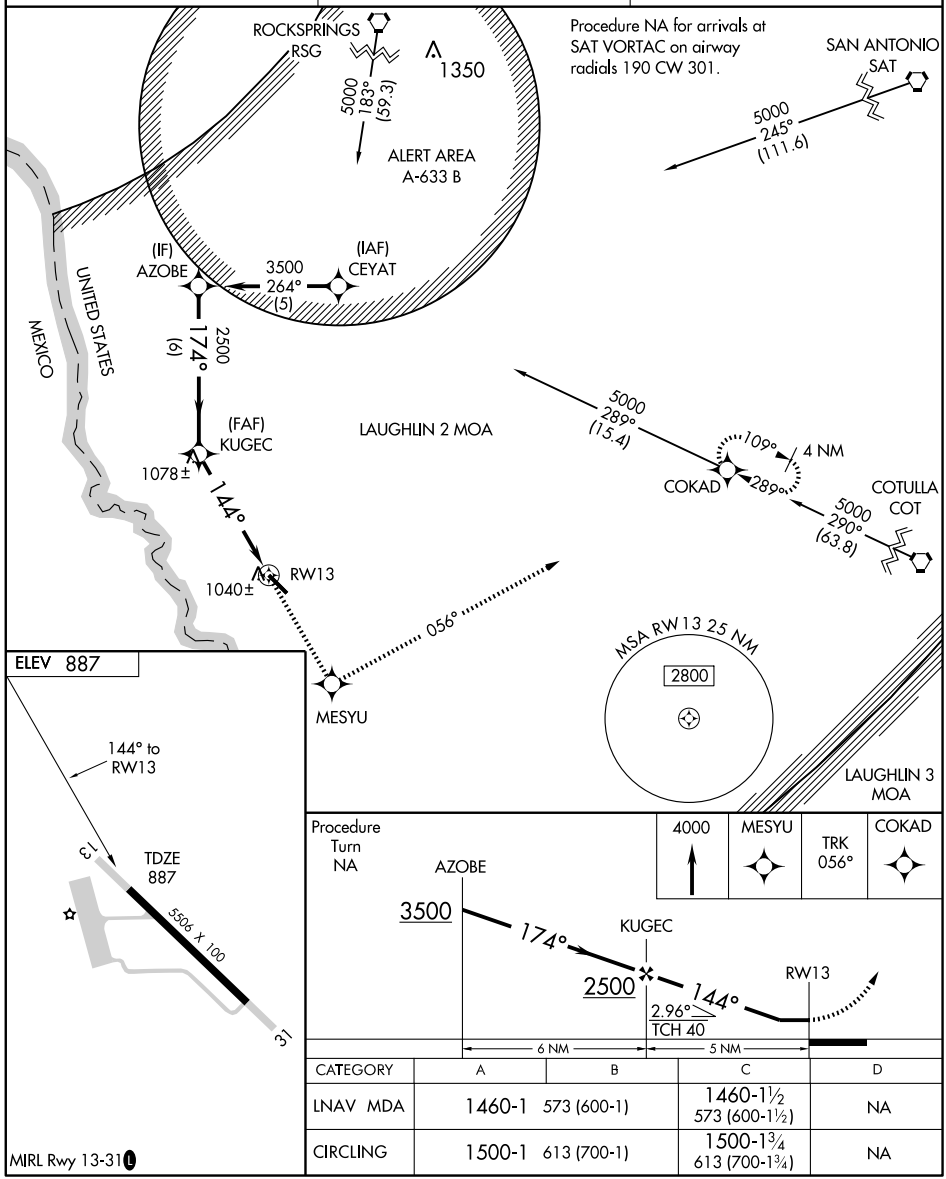
RNAV (GPS) RWY 13

EAGLE PASS/ MAVERICK COUNTY MEMORIAL INTL (5T9)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Laughlin AFB altimeter setting; when not received, use Del Rio Intl altimeter setting.

MISSED APPROACH: Climb to 4000 direct MESYU and via track 056° to COKAD and hold.

LAUGHLIN AFB ATIS	DEL RIO APP CON	UNICOM
114.4	127.75 326.2	122.8 (CTAF)



CATEGORY	A	B	C	D
LNAV MDA	1460-1	573 (600-1)	1460-1½ 573 (600-1½)	NA
CIRCLING	1500-1	613 (700-1)	1500-1¾ 613 (700-1¾)	NA

MIRL Rwy 13-31 (L)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 63207 W31A	APP CRS 309°	Rwy Idg 5506 TDZE 882 Apt Elev 887

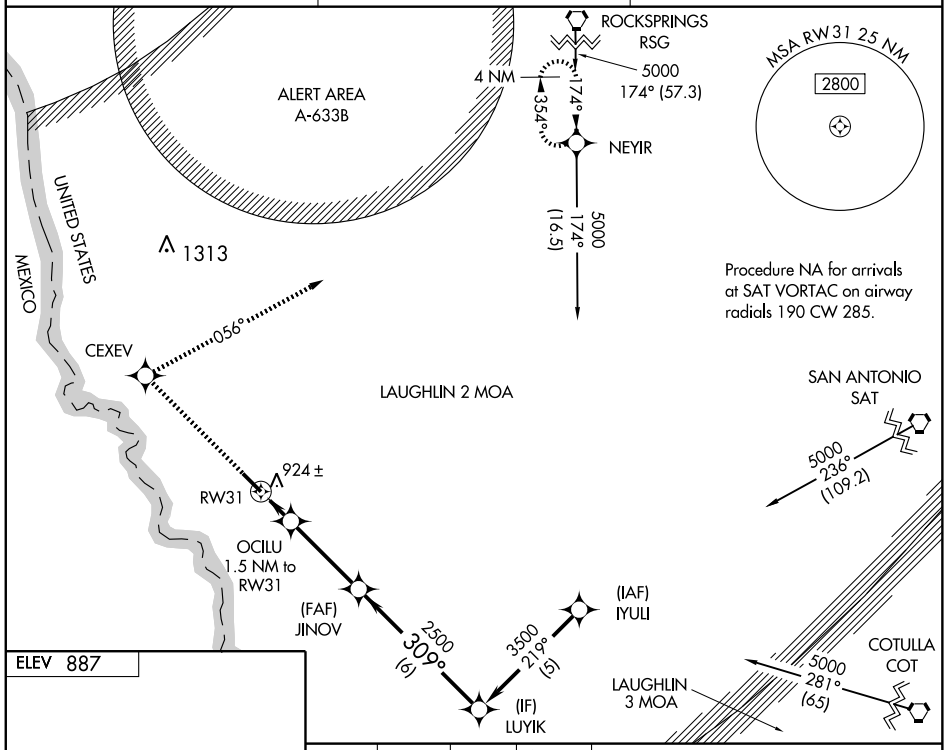
RNAV (GPS) RWY 31

EAGLE PASS/ MAVERICK COUNTY MEMORIAL INTL (5T9)

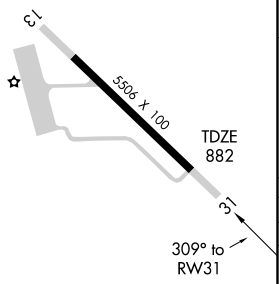
Baro-VNAV NA. DME/DME RNP-0.3 NA. Use Laughlin AFB altimeter setting; when not received, use Del Rio Intl altimeter setting.

MISSED APPROACH: Climb to 4000 direct CEXEV and via 056° track to NEYIR and hold.

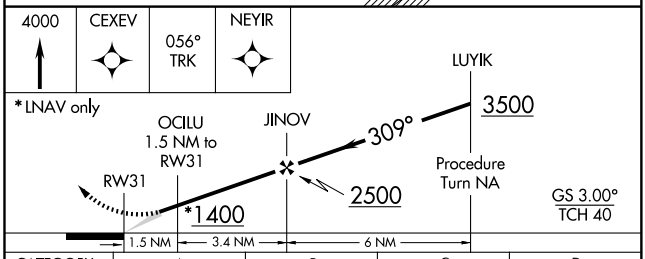
LAUGHLIN AFB ATIS	DEL RIO APP CON	UNICOM
114.4	127.75 326.2	122.8 (CTAF)



ELEV 887



MIRL Rwy 13-31 (L)



CATEGORY	A	B	C	D
LPV DA	1236-1¼ 354 (400-1¼)			NA
LNAV/ VNAV DA	1298-1½ 416 (500-1½)			NA
LNAV MDA	1280-1 398 (400-1)			NA
CIRCLING	1500-1 613 (700-1)		1500-1¾ 613 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB OIP 410	APP CRS 355°	Rwy Idg 4020 TDZE 1458 Apt Elev 1464

NDB RWY 35

EASTLAND MUNI (ETN)

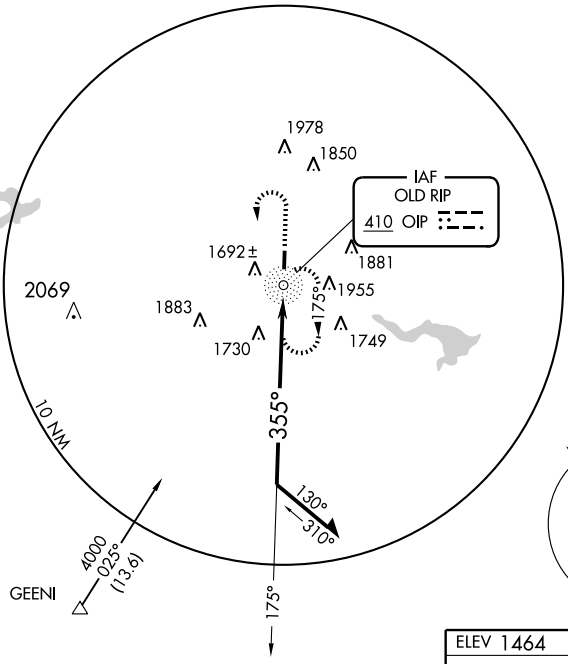
NA

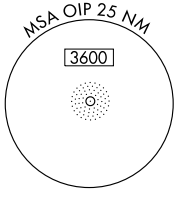
Use Abilene altimeter setting.

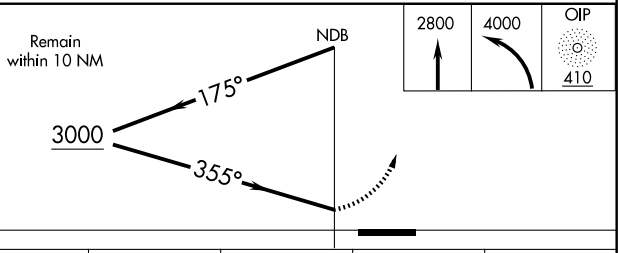
MISSED APPROACH: Climb to 2800 then climbing left turn to 4000 to OIP NDB and hold.

FORT WORTH CENTER
127.15 314.0

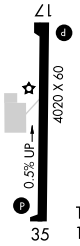
UNICOM
122.8 (CTAF) L

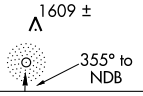






ELEV 1464 MIRL Rwy 17-35 L





CATEGORY	A	B	C	D
S-35	2280-1 822 (900-1)	2280-1¼ 822 (900-1¼)	2280-2½ 822 (900-2½)	NA
CIRCLING	2280-1 816 (900-1)	2280-1¼ 816 (900-1¼)	2380-2¾ 916 (1000-2¾)	NA

Knots	60	90	120	150	180
Min:Sec					

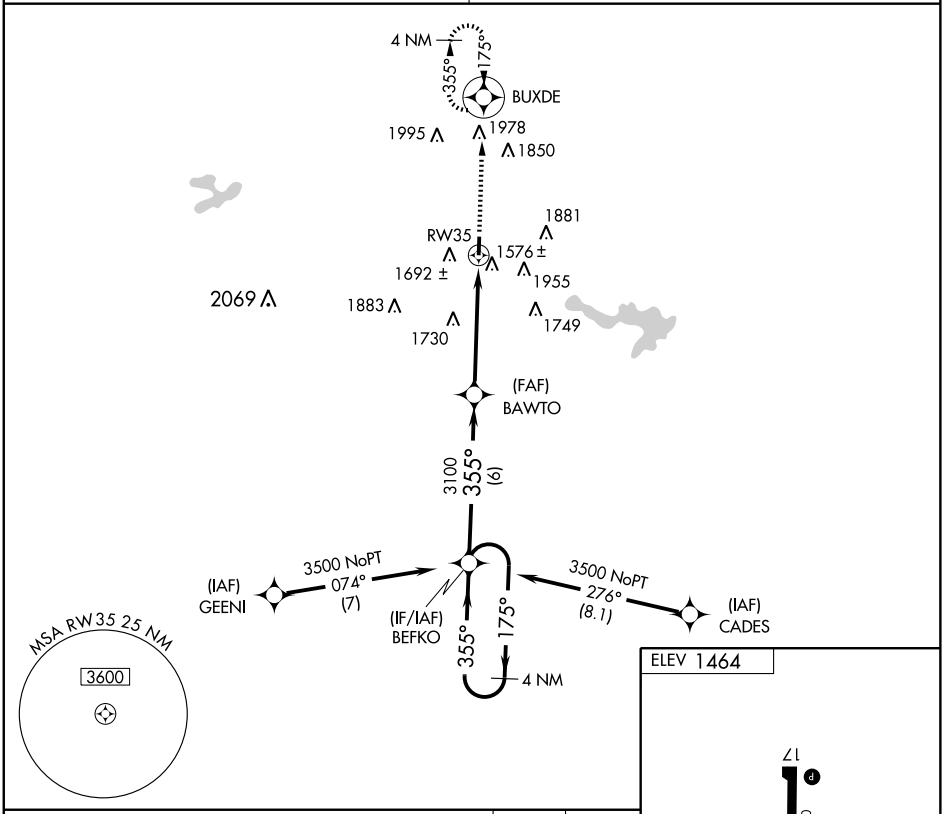
SC-2, 17 DEC 2009 to 14 JAN 2010

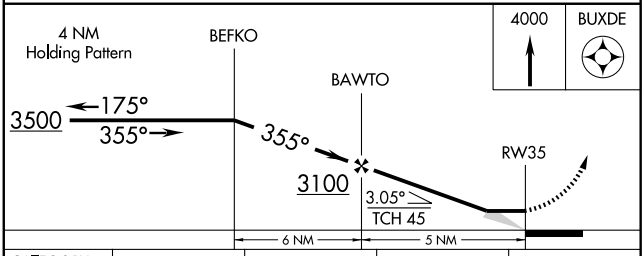
APP CRS	Rwy Idg	4020
355°	TDZE	1458
	Apt Elev	1464

RNAV (GPS) RWY 35

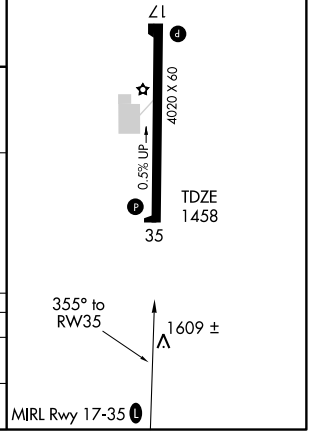
EASTLAND MUNI (ETN)

▼ Use Abilene altimeter setting. ⚠ NA DME/DME RNP-0.3 NA.	MISSED APPROACH: Climb to 4000 direct BUXDE WP and hold, continue climb-in hold to 4000.
FORT WORTH CENTER **127.15 314.0**	UNICOM **122.8** (CTAF) Ⓛ





CATEGORY	A	B	C	D
LNAV MDA	2180-1	722 (800-1)	2180-2 722 (800-2)	NA
CIRCLING	2200-1	736 (800-1)	2380-2¾ 916 (1000-2¾)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 77901 W14A	APP CRS 138°	Rwy Idg 5000 / TDZE 75 / Apt Elev 75

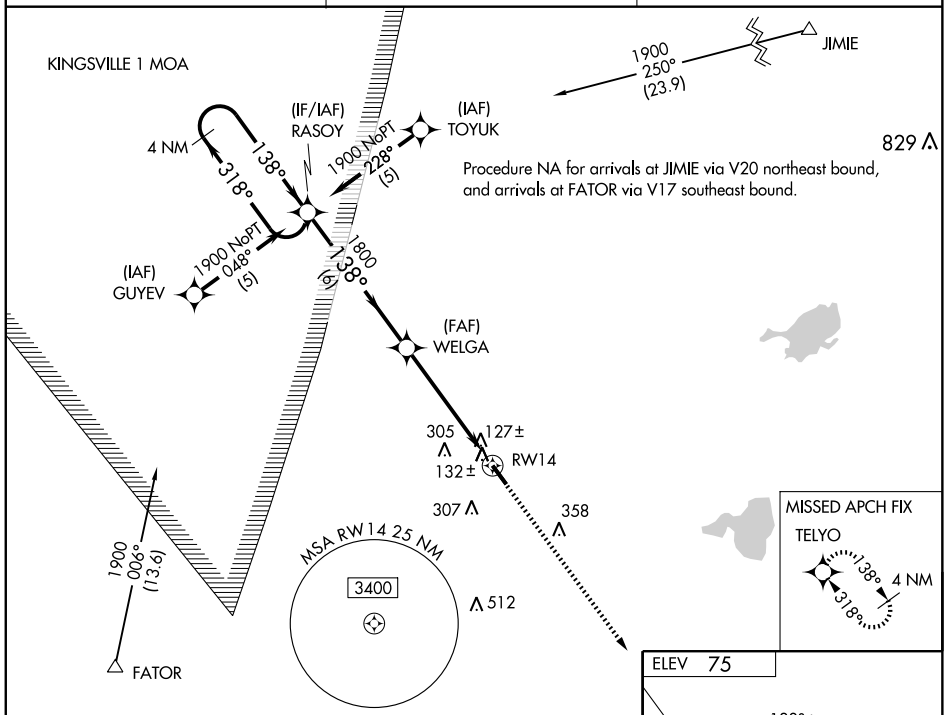
RNAV (GPS) RWY 14

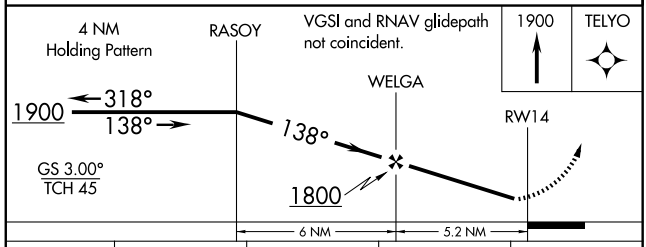
SOUTH TEXAS INTL AT EDINBURG (EBG)

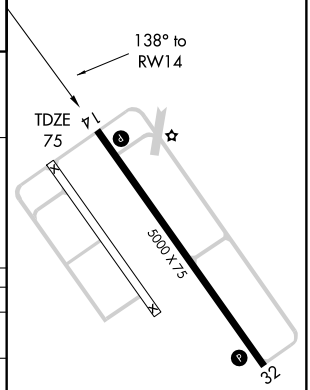
Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (120°F).

MISSED APPROACH: Climb to 1900 direct TELYO and hold.

AWOS-3	CORPUS APP CON	UNICOM
118.025	121.0 377.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	325-1 250 (300-1)			
LNAV/VNAV DA	441-1¼ 366 (400-1¼)			
LNAV MDA	440-1 365 (400-1)			440-1¼ 365 (400-1¼)
CIRCLING	500-1¼ 425 (500-1¼)	540-1¼ 465 (500-1¼)	620-1½ 545 (600-1½)	640-2 565 (600-2)

MIRL Rwy 14-32 L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 70701 W32A	APP CRS 318°	Rwy Idg 5000 TDZE 73 Apt Elev 75

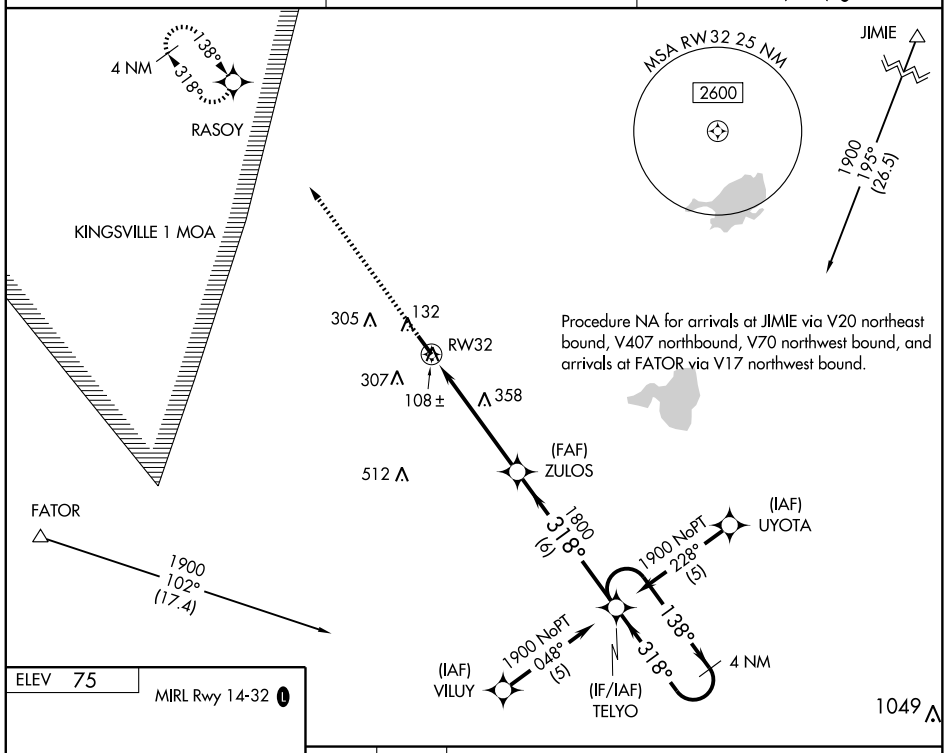
RNAV (GPS) RWY 32

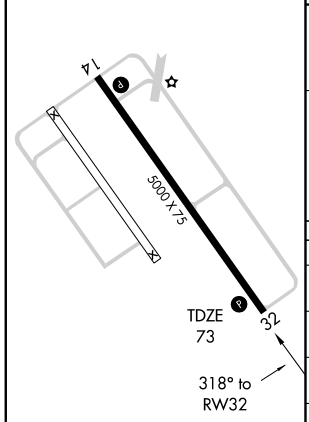
SOUTH TEXAS INTL AT EDINBURG (EBG)

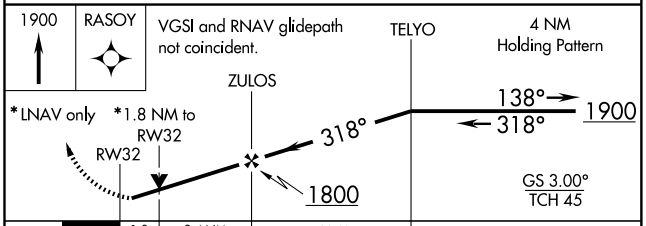
Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (120°F).

MISSED APPROACH: Climb to 1900 direct RASOY and hold.

AWOS-3	CORPUS APP CON	UNICOM
118.025	121.0 377.2	122.8 (CTAF) L

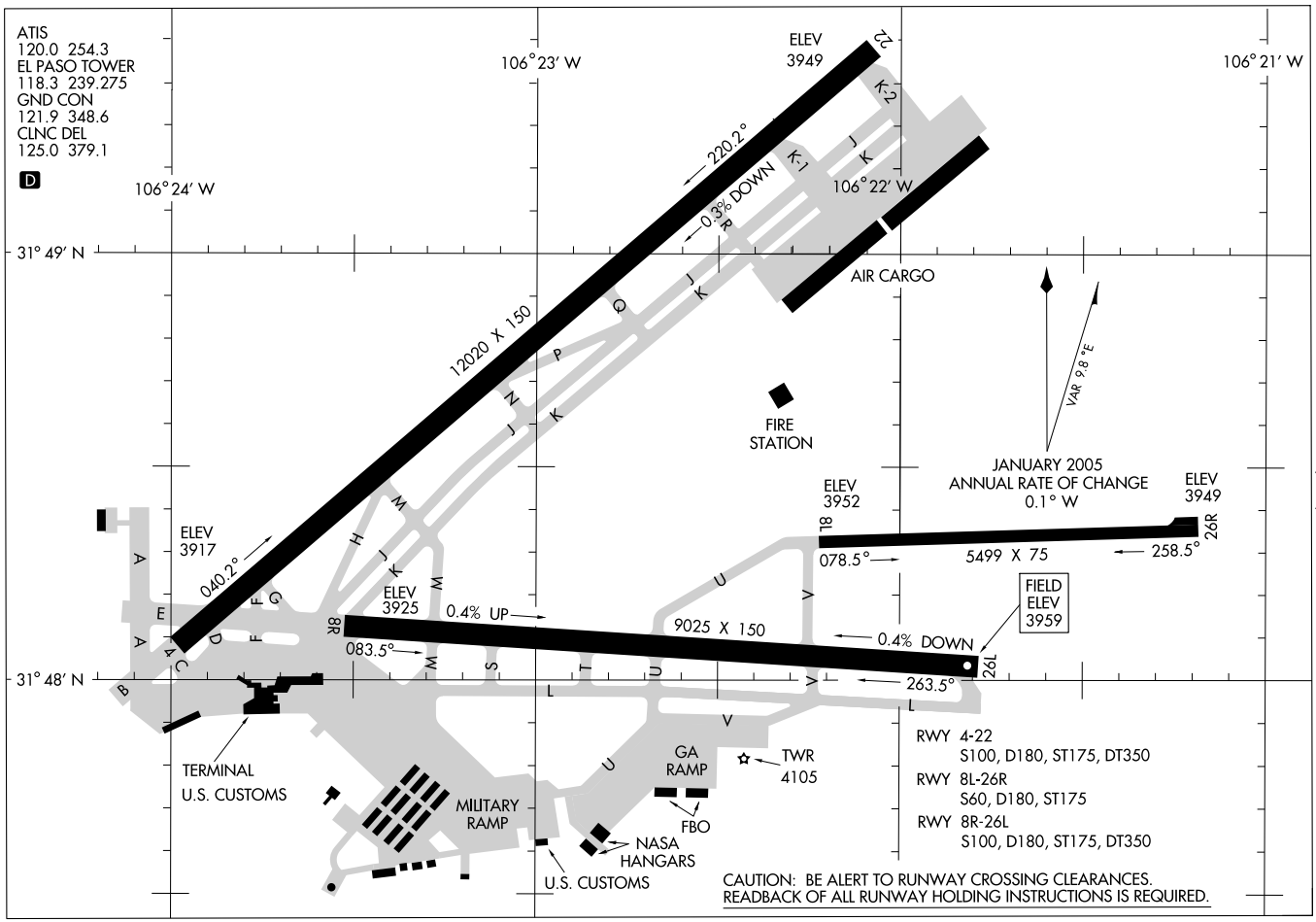






CATEGORY	A	B	C	D
LPV DA	323-¾ 250 (300-¾)			
LNAV/VNAV DA	361-1 288 (300-1)			
LNAV MDA	660-1 587 (600-1)		660-1½ 587 (600-1½)	660-1¾ 587 (600-1¾)
CIRCLING	660-1 585 (600-1)		660-1½ 585 (600-1½)	660-2 585 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010



AIRPORT DIAGRAM

AL-134 (FAA)

EL PASO INTL (ELP)
EL PASO, TEXAS

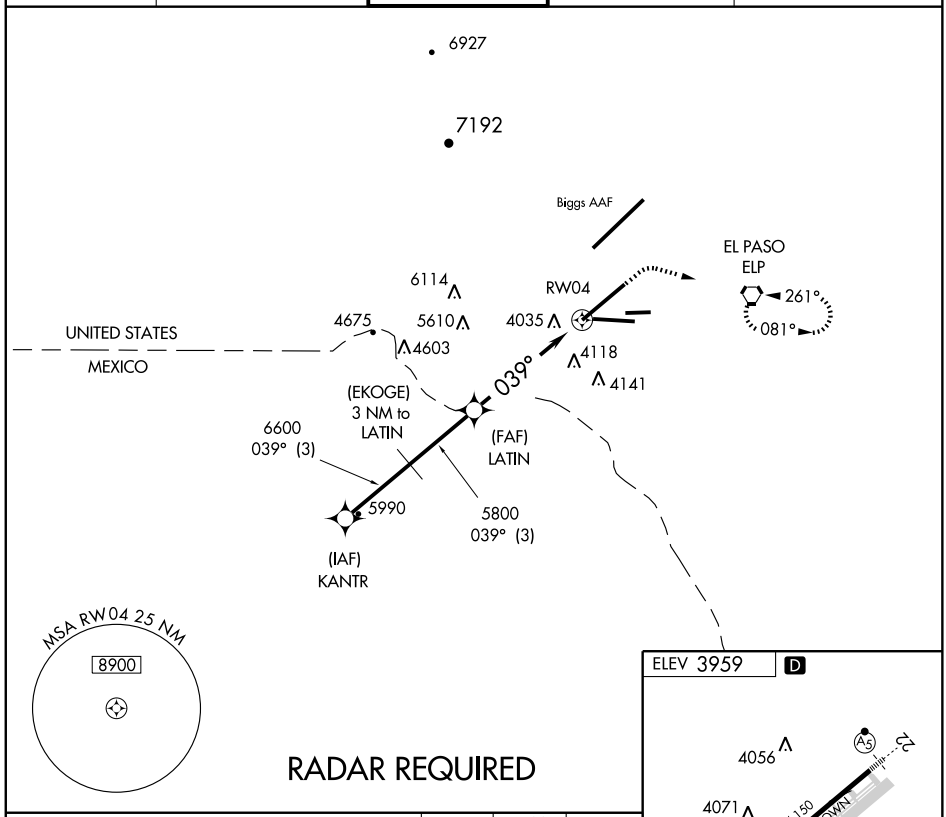
APP CRS	Rwy Idg	12020
039°	TDZE	3923
	Apt Elev	3959

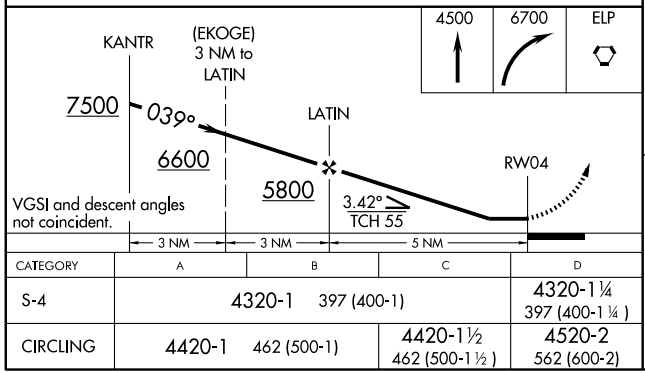
GPS RWY 4
EL PASO INTL (ELP)

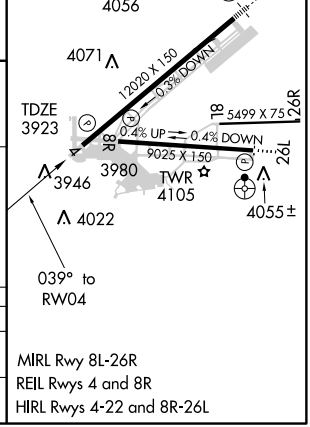
ASR

MISSED APPROACH: Climb to 4500 then climbing right turn to 6700 direct ELP VORTAC and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1







CATEGORY	A	B	C	D
S-4	4320-1 397 (400-1)			4320-1¼ 397 (400-1¼)
CIRCLING	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)

MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 26L

JAL-134 [USAF]

EL PASO INTL (KELP)

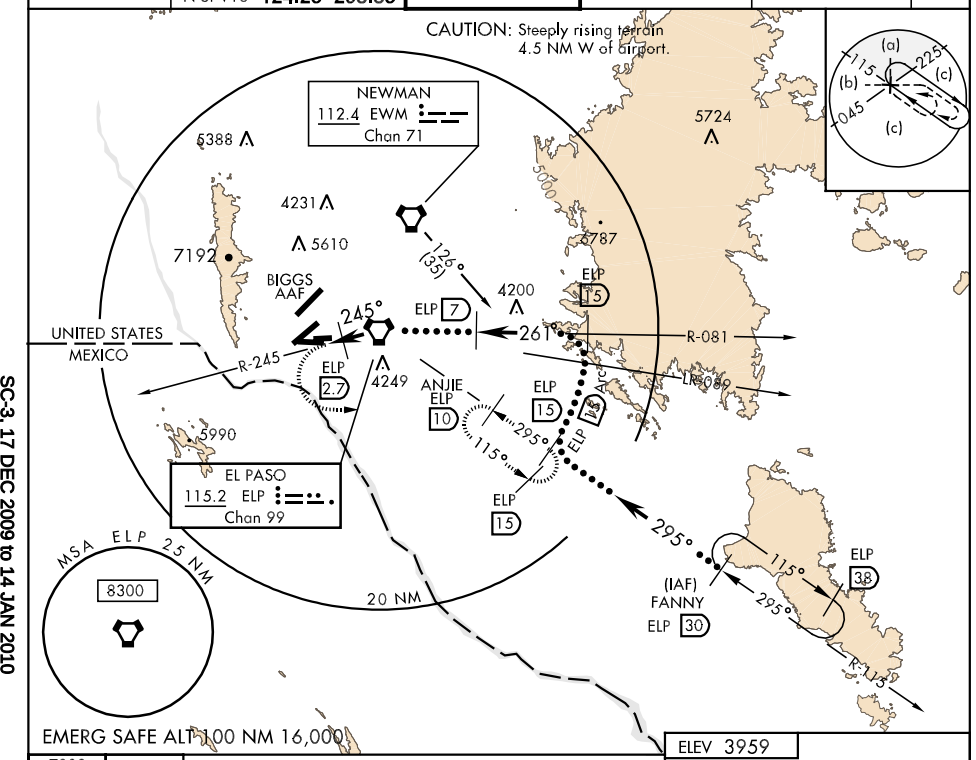
VORTAC ELP 115.2 Chan 99	APCH CRS 245°	Rwy ldg 9025 TDZE 3956 Arpt Elev 3959

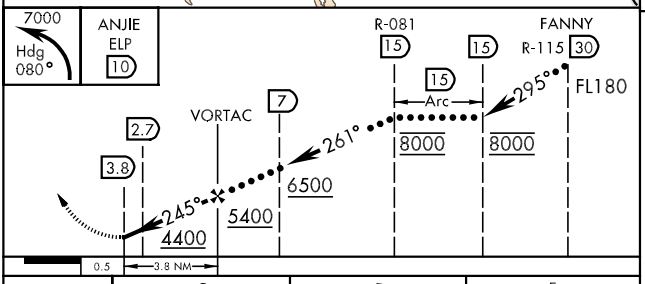
* CAUTION: CAT E circling not authorized W of airport.

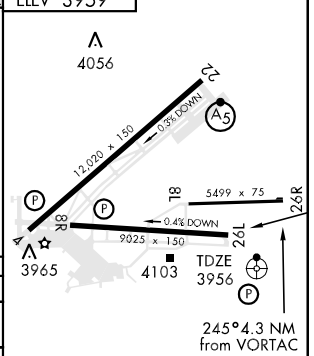
ODALS

MISSED APPROACH: Climbing left turn to 7000 on hdg 080° to ANJIE 10 DME and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL	ASR
120.0 254.3	S of V16 119.15 353.5 N of V16 124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1	







CATEGORY	C	D	E
S-26L	4300-¾ 344 (400-¾)		4300-1 344 (400-1)
CIRCLING *	4460-1½ 504 (600-1½)	4520-2 564 (600-2)	4620-2¼ 664 (700-2¼)
S-ASR 26L	4380-1¼ 424 (500-1¼)		

MIRL Rwy 8L-26R
REIL Rwy 4, 8R
HIRL Rwy 4-22 and 8R-26L

LOC I-ELP	APP CRS	Rwy Idg	12020
111.5	219°	TDZE	3949
Chan 52		Apt Elev	3959

ILS or LOC RWY 22

EL PASO INTL (ELP)

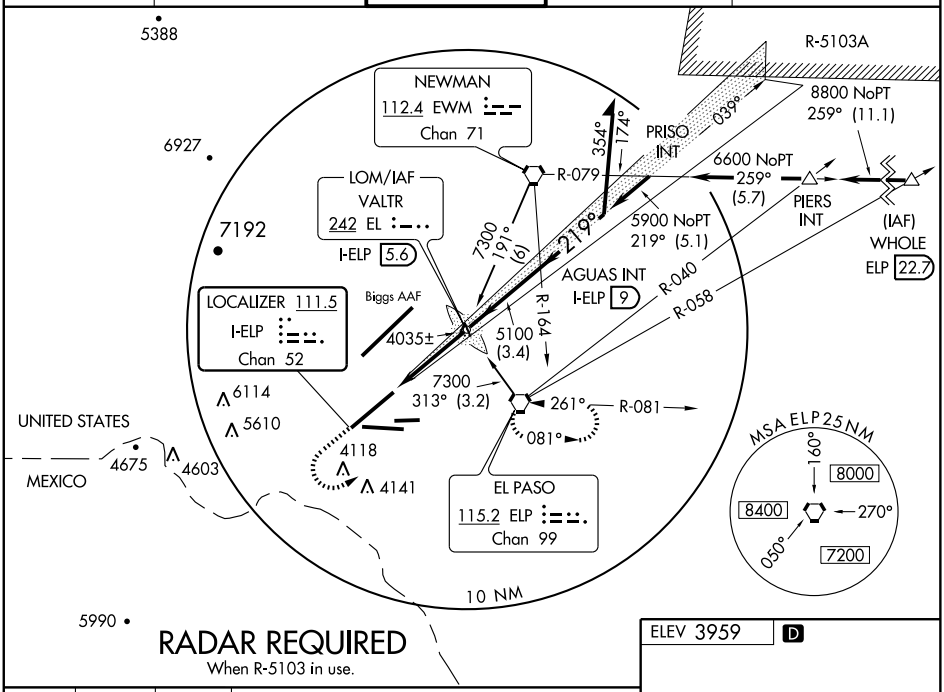
ASR

Cat E circling not authorized west of airport. Procedure turn not authorized for Cat E aircraft. For inoperative MALSR increase S-ILS 22 Cat E visibility to RVR 4000 and S-LOC 22 Cat E visibility to RVR 6000. **Visibility Cat A/B/C/D RVR 1800 authorized with the use of FD or AP or HUD to DA.

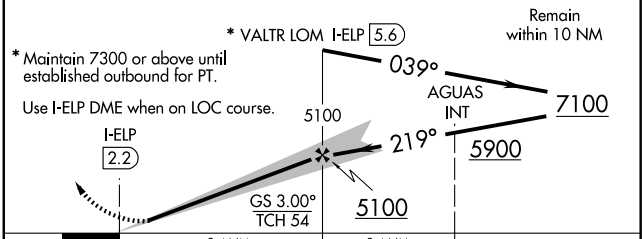
MALSR

MISSED APPROACH: Climb to 4600, then climbing left turn to 7300 direct ELP VORTAC and hold. (TACAN equiped aircraft continue climbing to 9000 via ELP R-058 to WHOLE Int/ ELP 22.7 DME)

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1

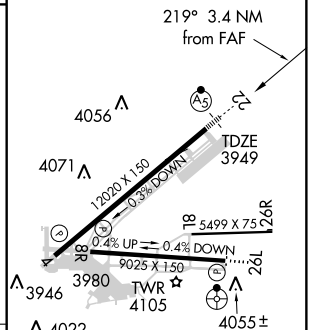


4600	7300	ELP
		115.2



CATEGORY	A	B	C	D	E
S-ILS R22	**4149/24 200 (200-½)				
S-LOC R22	4300/24 351 (400-½)			4300/40 351 (400-¾)	
CIRCLING*	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)	4660-2½ 702 (800-2½)

ELEV 3959 D



SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-ETF	APP CRS	Rwy Idg 12020
111.5	039°	TDZE 3923
Chan 52		Apt Elev 3959

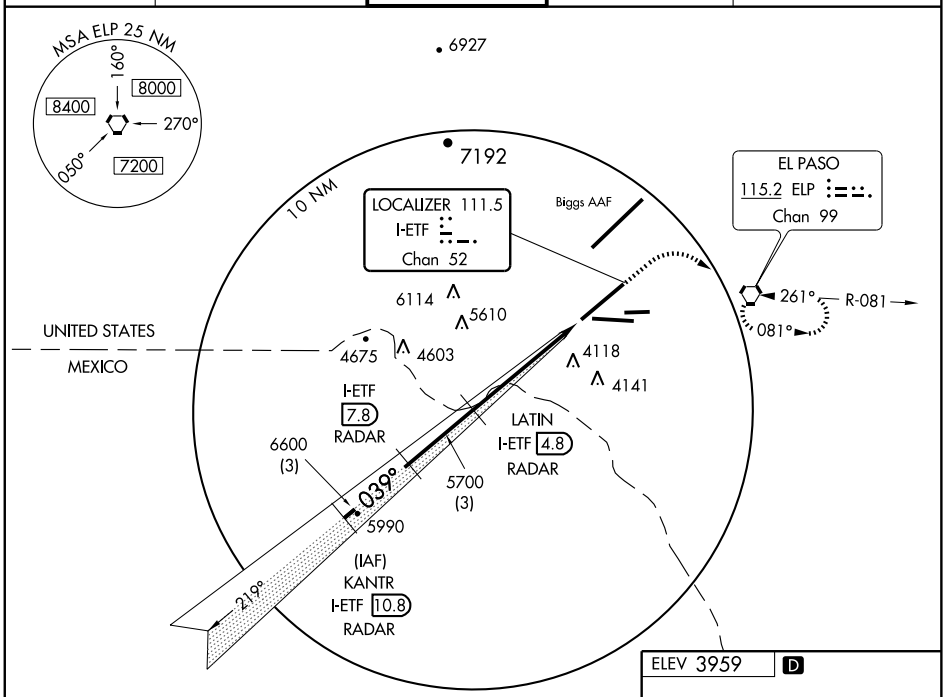
LOC/DME RWY 4

EL PASO INTL (ELP)

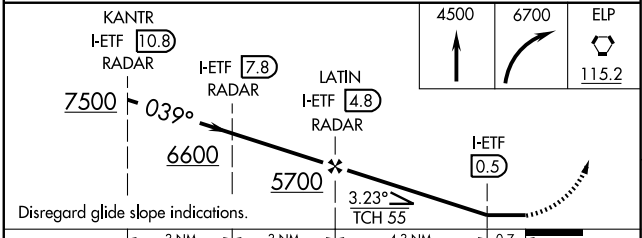
ASR

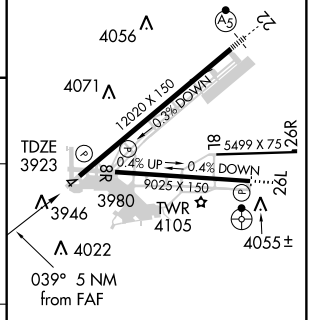
MISSED APPROACH: Climb to 4500 then climbing right turn to 6700 direct ELP VORTAC and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1



RADAR REQUIRED





CATEGORY	A	B	C	D
S-4	4300-1 377 (400-1)			4300-1¼ 377 (400-1¼)
CIRCLING	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)

MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	12020
219°	TDZE	3949
	Apt Elev	3959

RNAV (GPS) RWY 22

EL PASO INTL (ELP)

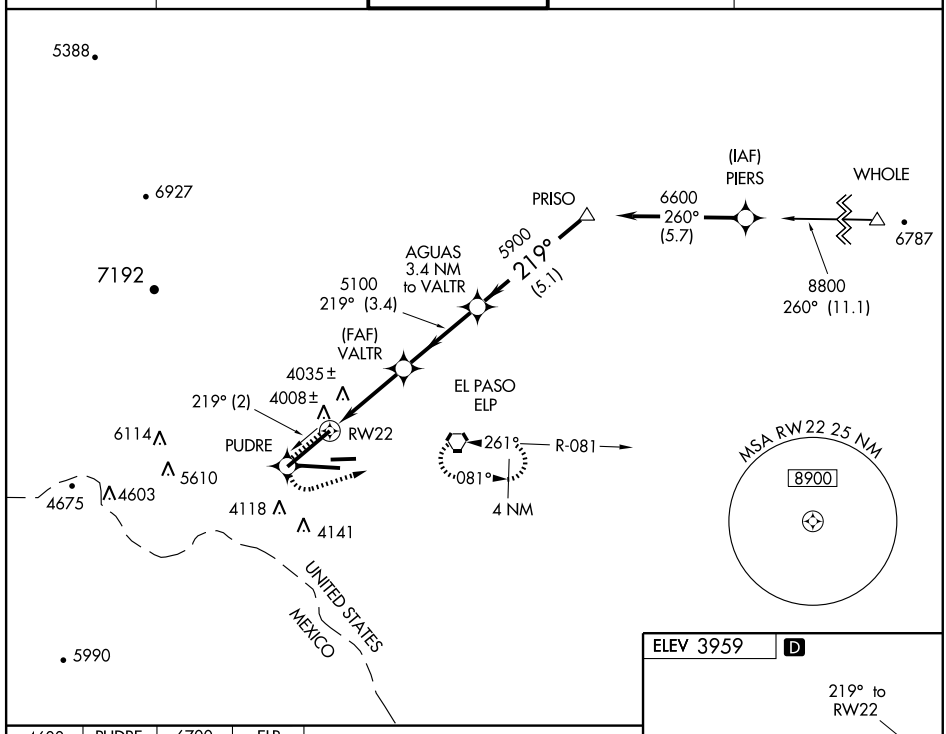
ASR

DME/DME RNP-0.3 not authorized. For uncompensated Baro-VANV, systems, LNAV/VNAV NA below -22°C (-7°F) or above 40°C (104°F). For inoperative MALSRS increase LNAV/VNAV Cat D visibility to RVR 5000 and LNAV Cat D to RVR 6000.

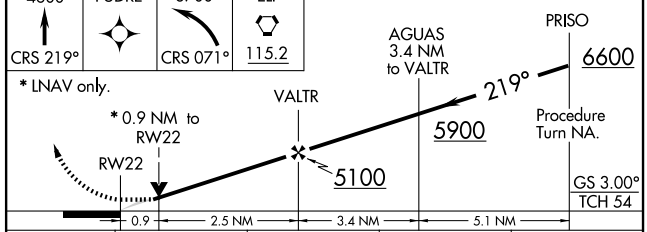
MALSR

MISSED APPROACH: Climb to 4600 via 219° course to PUDRE then climbing left turn via 071° course to 6700 to ELP VORTAC and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1

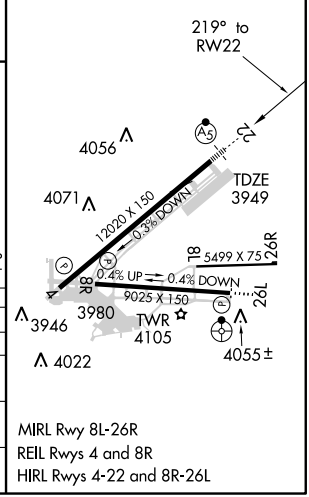


4600	PUDRE	6700	ELP
CRS 219°		CRS 071°	115.2



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	4273/24 324 (400-½)			4273/40 324 (400-¾)
LNAV MDA	4300/24 351 (400-½)			4300/50 351 (400-1)
CIRCLING	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)

ELEV 3959 D



MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9025
262°	TDZE	3959
	Apt Elev	3959

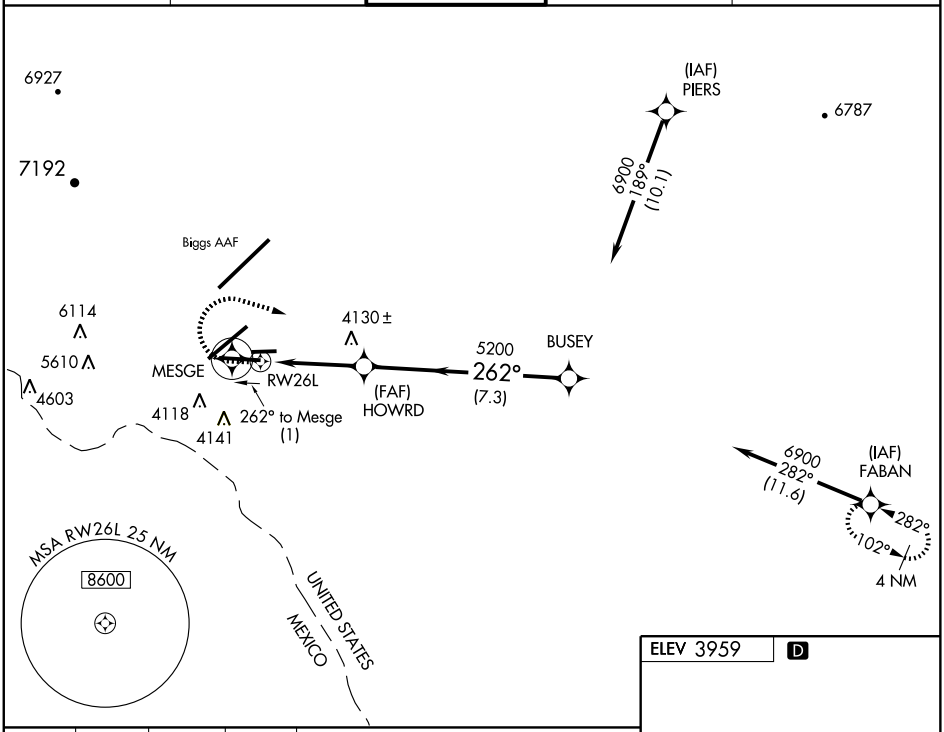
RNAV (GPS) RWY 26L
EL PASO INTL (ELP)

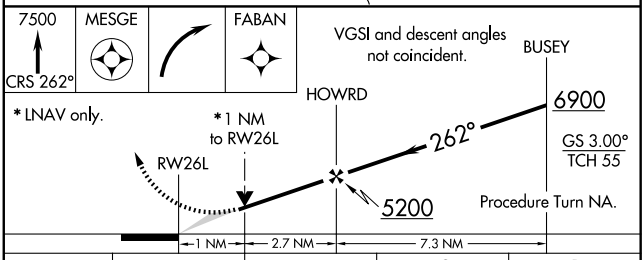
Baro-VNAV NA below -22°C (-7°F).
GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA.
NA Inoperative table does not apply to LNAV/VNAV Cats A-D.
ASR Inoperative table does not apply to LNAV Cat C.

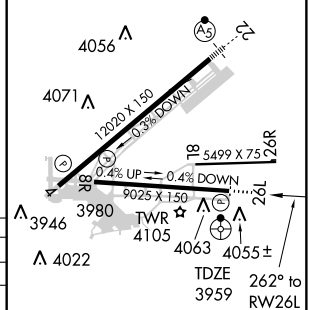
ODALS

MISSED APPROACH: Climb to 7500 via 262° course to MESGE then right turn direct FABAN and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1







CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	4320-1¼ 362 (400-1¼)			
LNAV MDA	4360-¾ 402 (500-¾)		4360-1¼ 402 (500-1¼)	
CIRCLING	4420-1¼ 462 (500-1¼)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)

MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

SC-3, 17 DEC 2009 to 14 JAN 2010

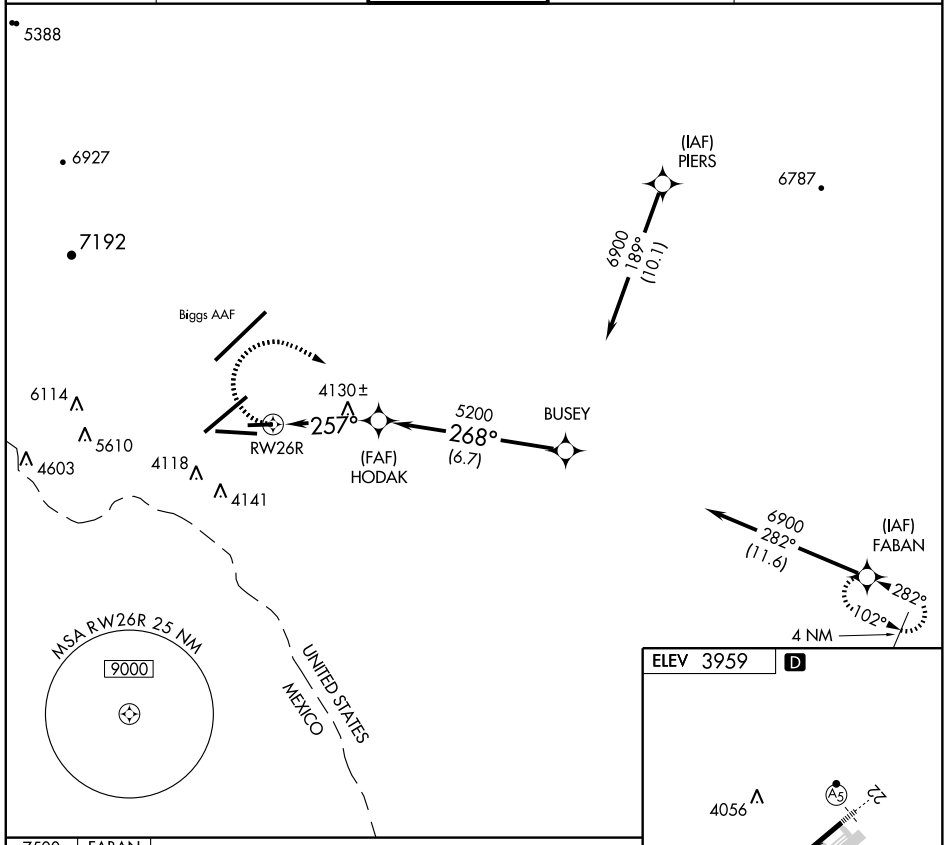
APP CRS	Rwy Idg	5499
257°	TDZE	3951
	Apt Elev	3959

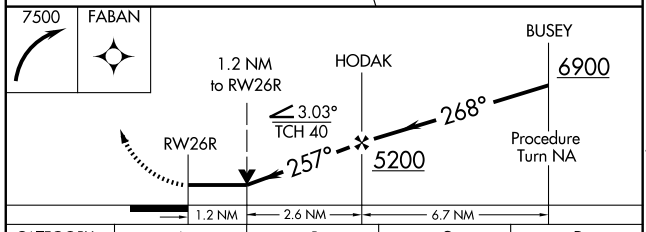
RNAV (GPS) RWY 26R
EL PASO INTL (ELP)

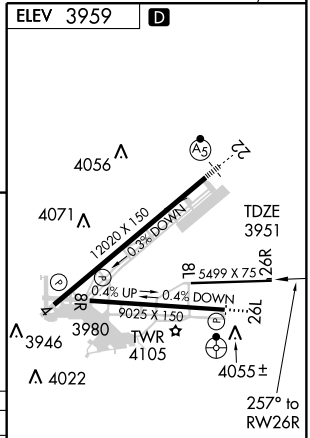
GPS or RNP-0.3 Required.
NA DME/DME RNP-0.3 NA.
ASR Straight-In Minimums NA at night.

MISSED APPROACH: Climbing right turn to 7500 direct FABAN and hold.

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1







CATEGORY	A	B	C	D
LNAV MDA	4380-1	429 (500-1)	4380-1¼ 429 (500-1¼)	4380-1½ 429 (500-1½)
CIRCLING	4420-1	462 (500-1)	4420-1½ 462 (500-1½)	4520-2 562 (600-2)

MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC ELP	APP CRS	Rwy Idg	9025
115.2	245°	TDZE	3959
Chan 99		Apt Elev	3959

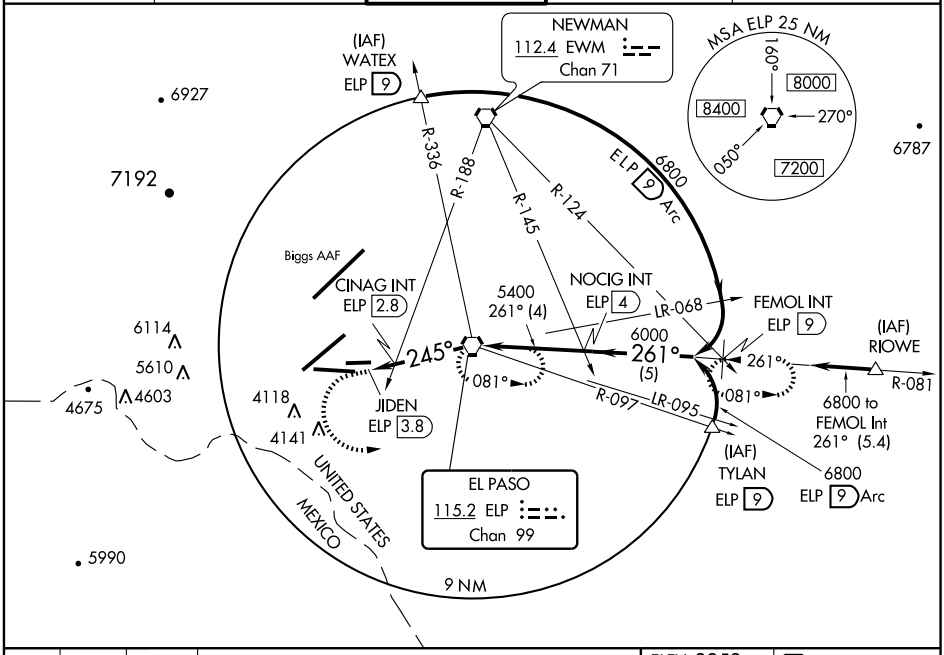
VOR RWY 26L
EL PASO INTL (ELP)

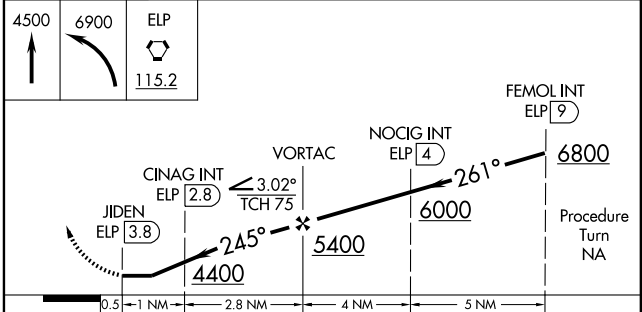
Cat E circling west of airport not authorized.
Inoperative table does not apply to Cat C.
ASR

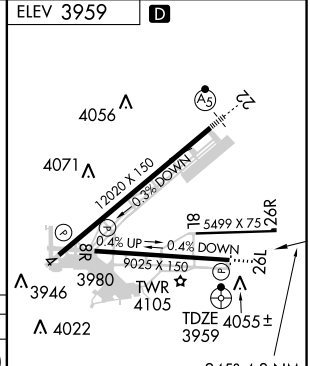
ODALS

MISSED APPROACH: Climb to 4500 then climbing left turn to 6900 direct ELP VORTAC and hold. (TACAN aircraft climb to 4500 then climbing left turn to 6900 via heading 050° and ELP R-081 to FEMOL/9 DME and hold. Hold east, left turn, 261° inbound.)

ATIS	EL PASO APP CON	EL PASO TOWER	GND CON	CLNC DEL
120.0 254.3	124.25 298.85	118.3 239.275	121.9 348.6	125.0 379.1







MIRL Rwy 8L-26R
REIL Rwys 4 and 8R
HIRL Rwys 4-22 and 8R-26L

CATEGORY	A	B	C	D	E
S-26L	4400-¾ 442 (500-¾)		4400-1¼ 442 (500-1¼)	4400-1½ 442 (500-1½)	
CIRCLING	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)	4660-2½ 702 (800-2½)
CINAG MINIMUMS					
S-26L	4320-¾ 362 (400-¾)			4320-1¼ 362 (400-1¼)	
CIRCLING	4420-1 462 (500-1)		4420-1½ 462 (500-1½)	4520-2 562 (600-2)	4660-2½ 702 (800-2½)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-3, 17 DEC 2009 to 14 JAN 2010

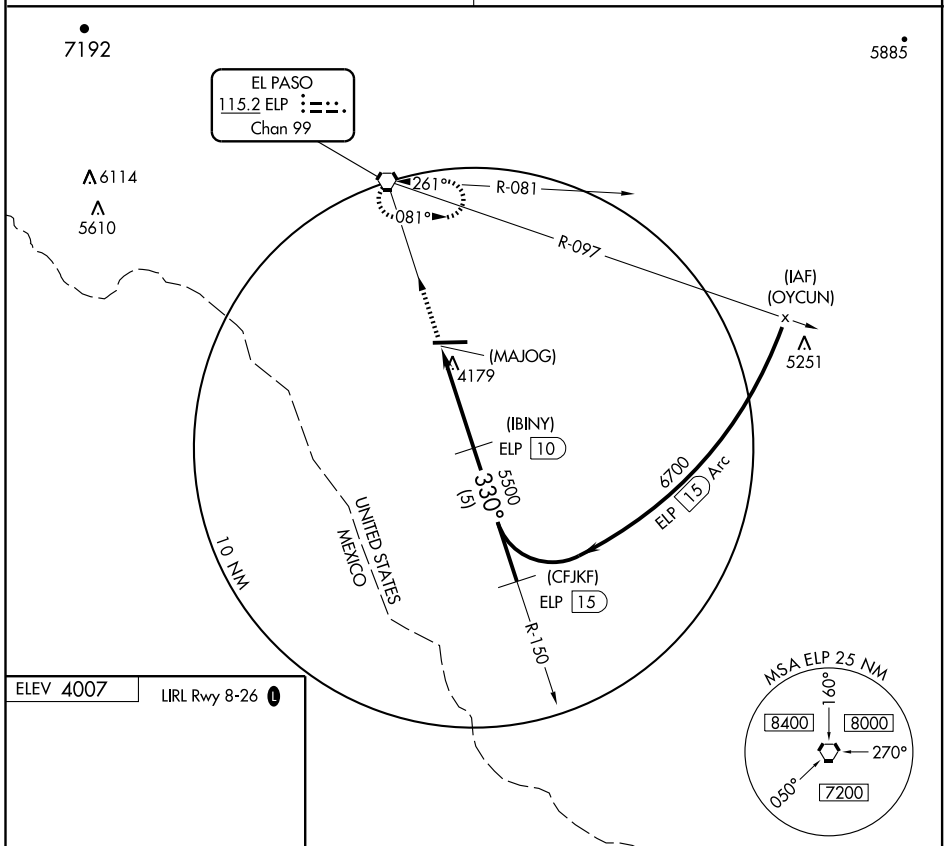
VORTAC ELP 115.2 Chan 99	APP CRS 330°	Rwy Idg N/A TDZE N/A Apt Elev 4007

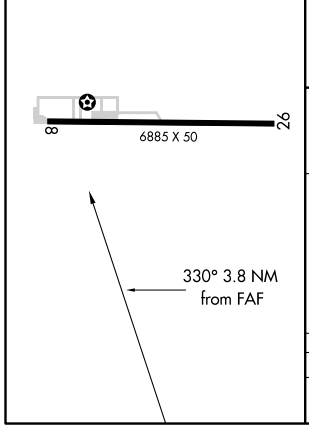
VOR/DME or GPS-A

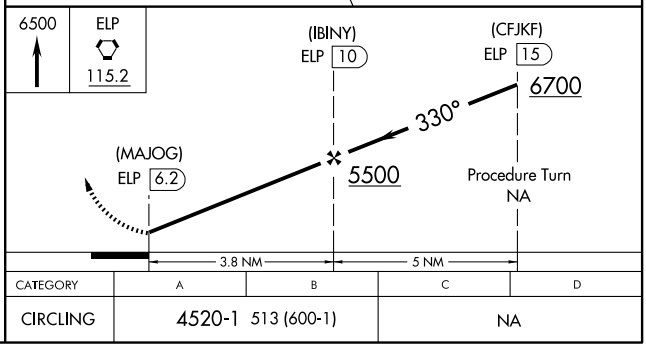
EL PASO/ HORIZON (T27)

NA	Use El Paso Intl altimeter setting. Procedure not authorized at night.	MISSED APPROACH: Climb to 6500 direct ELP VORTAC and hold.

EL PASO APP CON	UNICOM
119.15	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	4520-1 513 (600-1)		NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CQY 114.8 Chan 95	APP CRS 285°	Rwy Idg N/A TDZE N/A Apt Elev 492

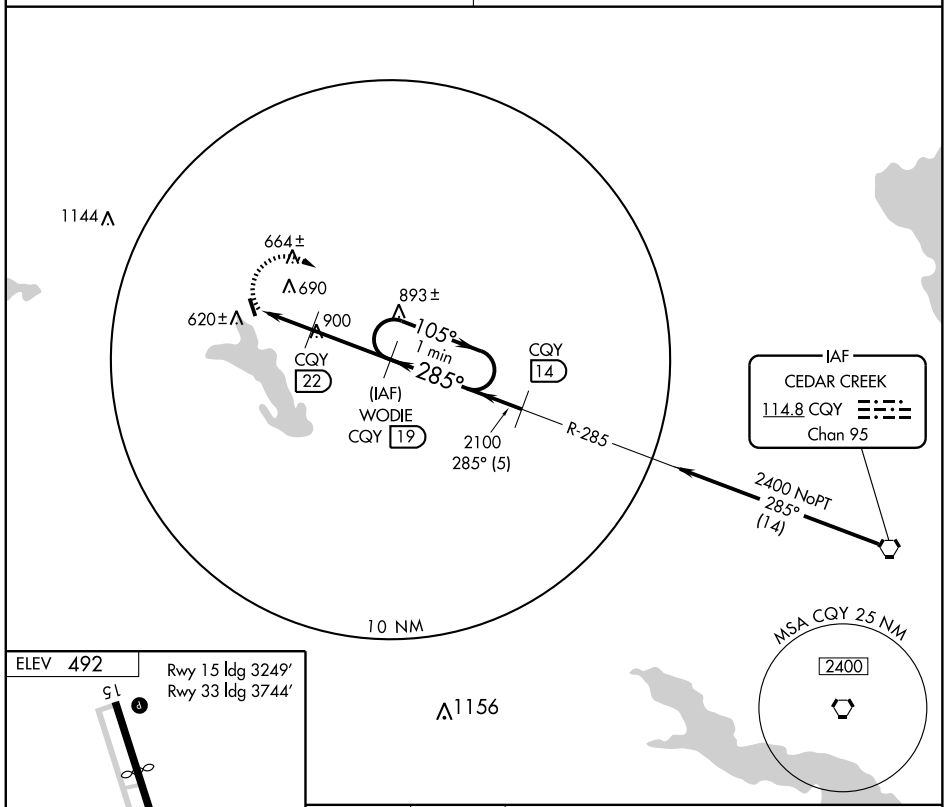
VOR/DME-A
ENNIS MUNI (F41)

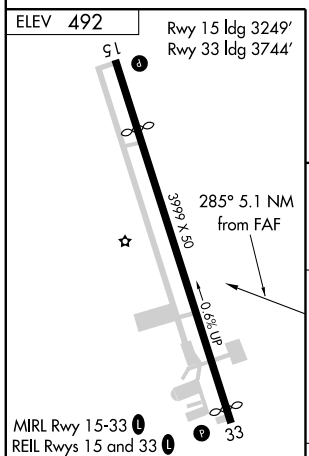
NA

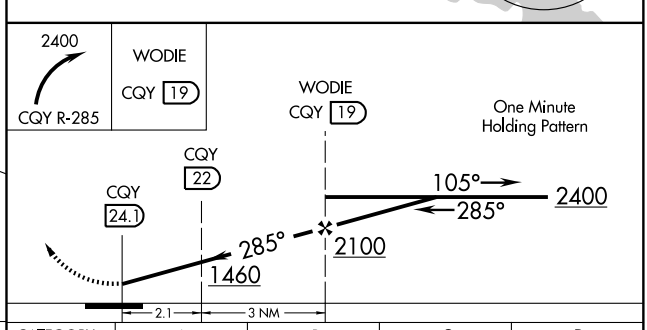
Use Dallas Love Field altimeter setting.

MISSED APPROACH: Climbing right turn to 2400 via CQY R-285 to WODIE/CQY 19 DME and hold.

REGIONAL APP CON	(CTAF)
125.2 343.65	122.9 L







Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	1020-1 528 (600-1)	1080-1¼ 588 (600-1¼)	1080-1½ 588 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB BKS	APP CRS	Rwy Idg	6002
353	349°	TDZE	113
		Apt Elev	113

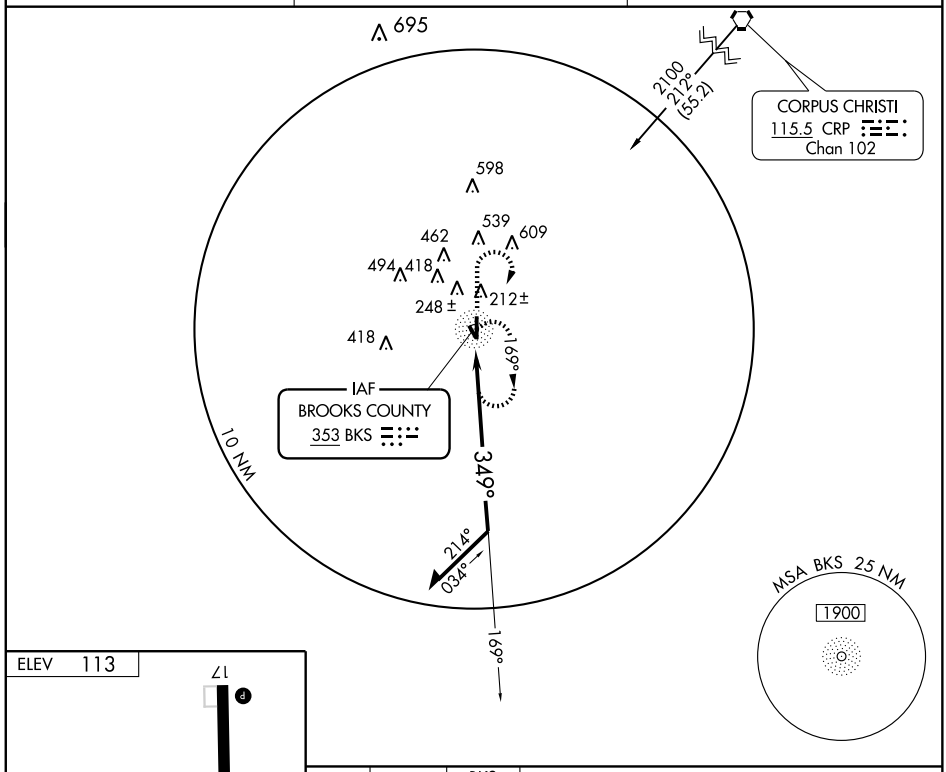
NDB RWY 35

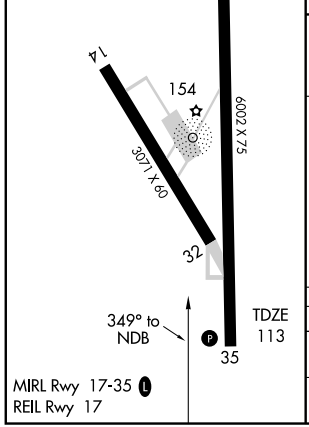
FALFURRIAS/ BROOKS COUNTY (BKS)

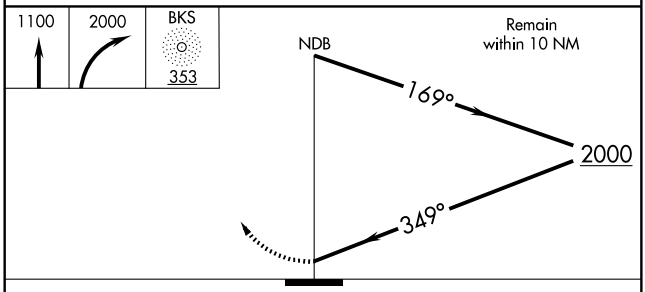
T
NA Visibility reduction by helicopters NA. When local altimeter setting not received, use Alice altimeter setting and increase all MDA 100 feet and increase Cats C and D visibility ¼ mile. Circling NA for Cat D west of Rwy 17-35.

MISSED APPROACH: Climb to 1100 then climbing right turn to 2000 direct BKS NDB and hold.

AWOS-3	KINGSVILLE APP CON ★	UNICOM
118.125	119.9 290.45	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	740-1	627 (700-1)	740-1¾ 627 (700-1¾)	740-2 627 (700-2)
CIRCLING	740-1	627 (700-1)	740-1¾ 627 (700-1¾)	740-2 627 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6002
174°	TDZE	113
	Apt Elev	113

RNAV (GPS) RWY 17

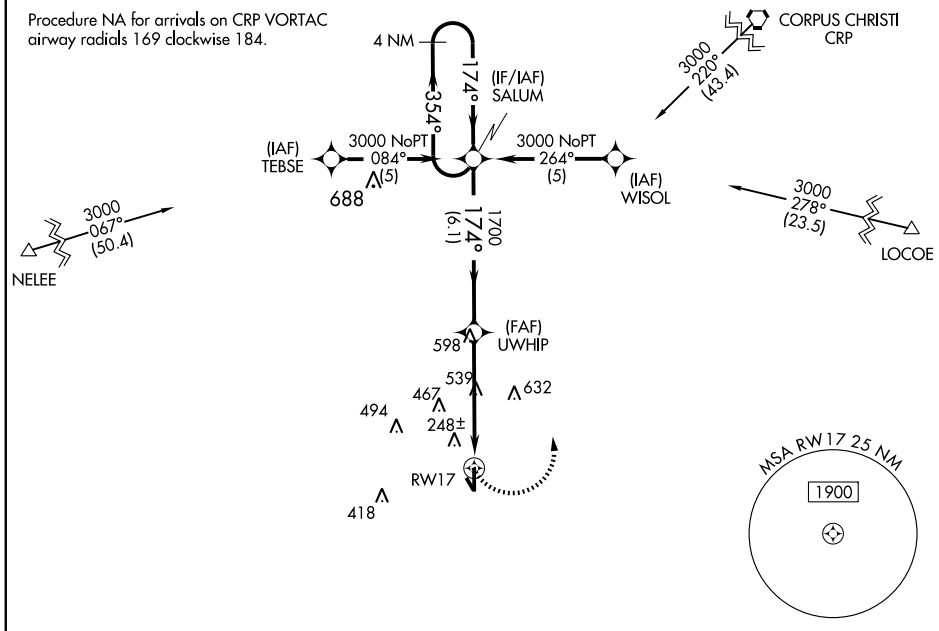
FALFURRIAS/ BROOKS COUNTY (BKS)

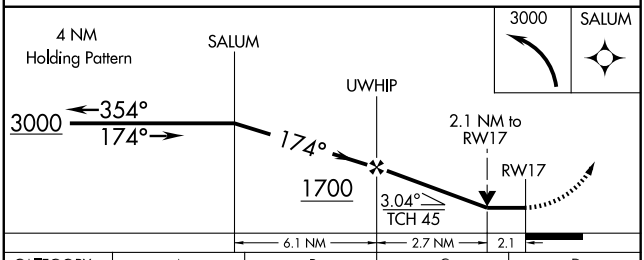
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alice altimeter setting and increase all MDA 100 feet and increase Cat B visibility ¼ mile, Cat C and D visiblity ½ mile. VDP NA when using Alice altimeter setting. Circling NA for Cat D west of Rwy 17-35.

MISSED APPROACH: Climbing left turn to 3000 direct SALUM and hold.

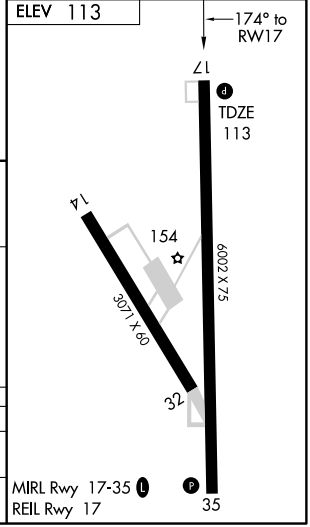
AWOS-3	KINGSVILLE APP CON ★	UNICOM
118.125	119.9 290.45	122.8 (CTAF) L

Procedure NA for arrivals on CRP VORTAC airway radials 169 clockwise 184.





CATEGORY	A	B	C	D
LNAV MDA	840-1 727 (800-1)		840-2 727 (800-2)	840-2¼ 727 (800-2¼)
CIRCLING	840-1 727 (800-1)		840-2 727 (800-2)	840-2¼ 727 (800-2¼)



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6002
354°	TDZE	113
	Apt Elev	113

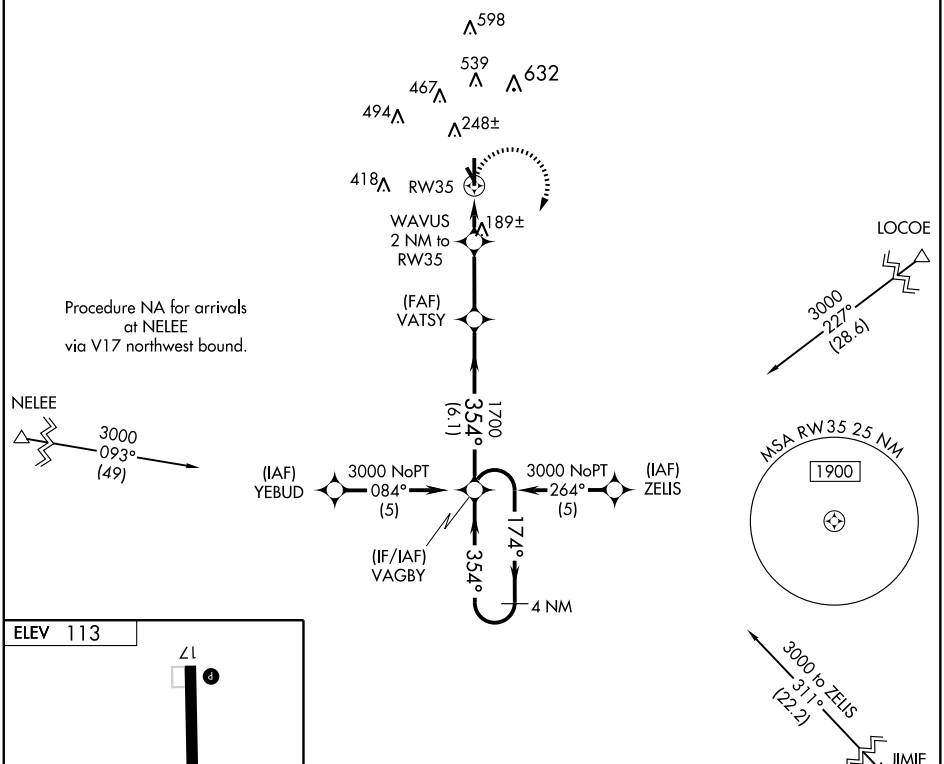
RNAV (GPS) RWY 35

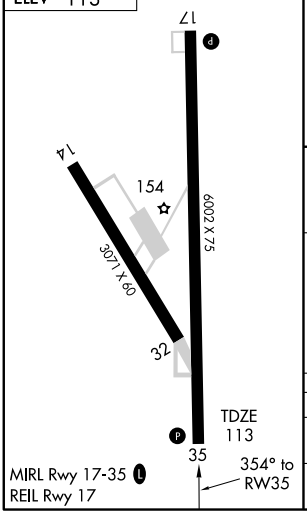
FALFURRIAS/BROOKS COUNTY (BKS)

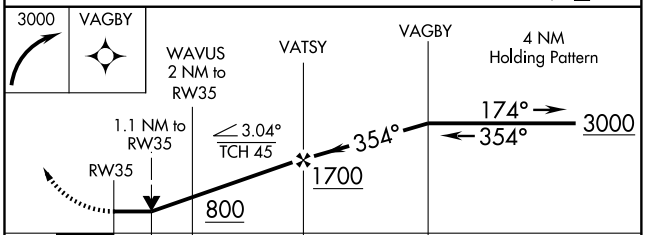
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Alice altimeter setting and increase all MDA 100 feet and increase LNAV Cat C and D visiblity ¼ mile. VDP NA when using Alice altimeter setting. Circling NA for Cat D west of Rwy 17-35.

MISSED APPROACH: Climbing right turn to 3000 direct VAGBY and hold.

AWOS-3	KINGSVILLE APP CON ★	UNICOM
118.125	119.9 290.45	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	520-1 407 (500-1)		520-1¼ 407 (500-1¼)	
CIRCLING	600-1 487 (500-1)		600-1½ 487 (500-1½)	680-2 567 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS		
172°	Rwy Idg	4600
	TDZE	3187
	Apt Elev	3187

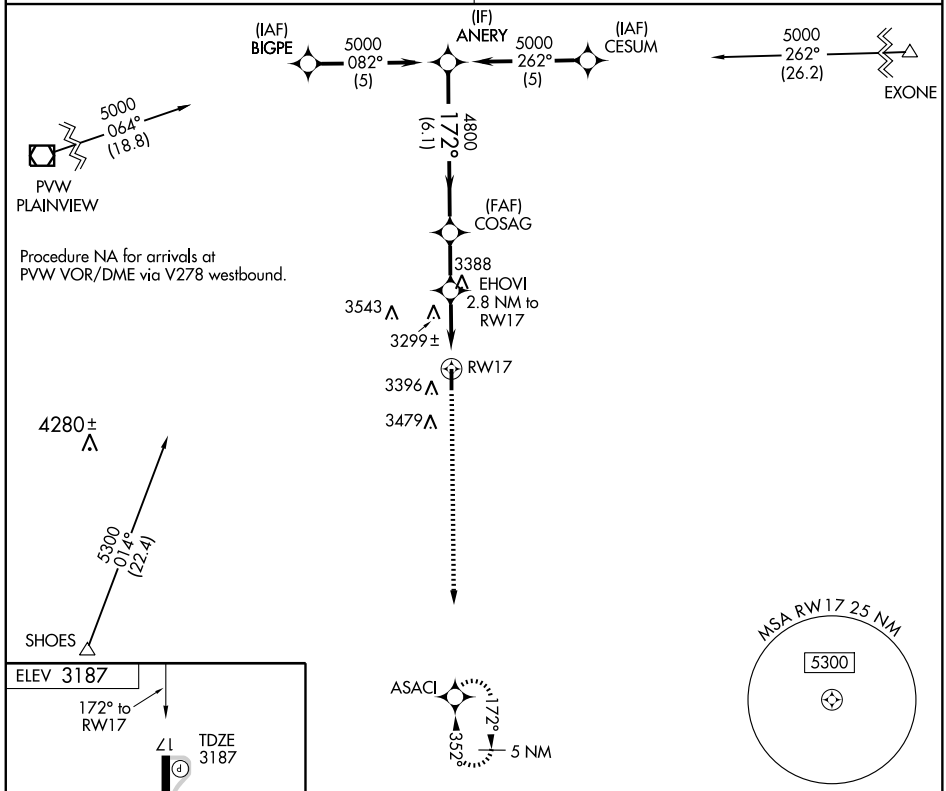
RNAV (GPS) RWY 17

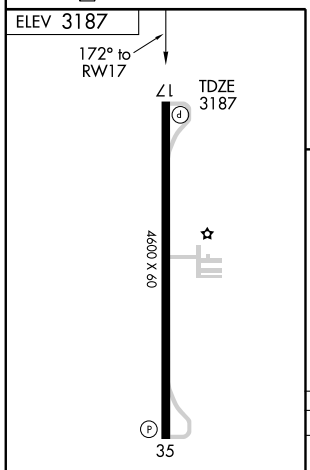
FLOYDADA MUNI (41F)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Plainview altimeter setting; when not received, use Lubbock altimeter setting.

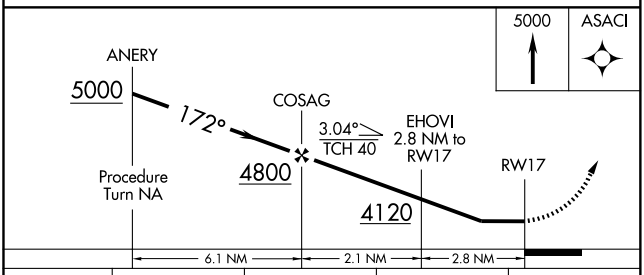
MISSED APPROACH: Climb to 5000 direct ASACI and hold.

LUBBOCK APP CON	UNICOM
119.2 351.8	122.8 (CTAF)





MIRL Rwy 17-35



CATEGORY	A	B	C	D
LNAV MDA	3720-1 533 (600-1)		3720-1½ 533 (600-1½)	NA
CIRCLING	3840-1 653 (700-1)		3920-2 733 (800-2)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 35

FLOYDADA MUNI (41F)

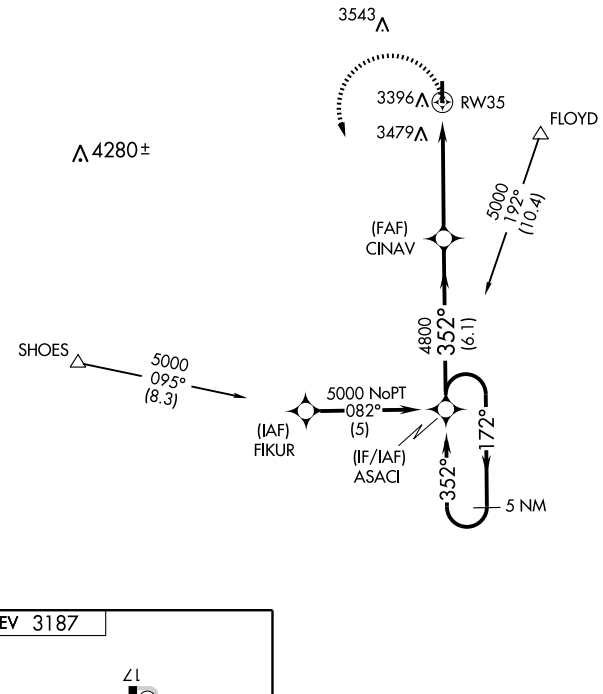
APP CRS	Rwy Idg	4600
352°	TDZE	3187
	Apt Elev	3187

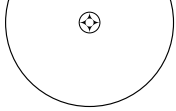
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Plainview altimeter setting; when not received, use Lubbock altimeter setting and increase all MDA 20 feet, increase LNAV and Circling Cat C visibility ¼ mile.

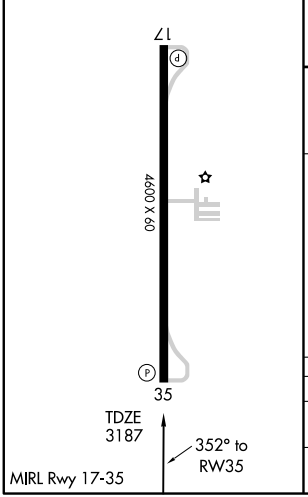
NA

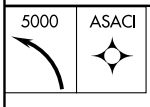
MISSED APPROACH: Climbing left turn to 5000 direct ASACI and hold.

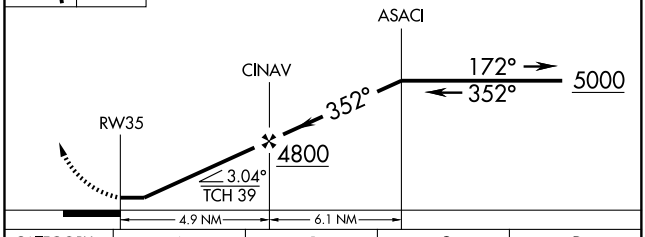
LUBBOCK APP CON	UNICOM
119.2 351.8	122.8 (CTAF)











CATEGORY	A	B	C	D
LNAV MDA	3840-1	653 (700-1)	3840-1¾ 653 (700-1¾)	NA
CIRCLING	3840-1	653 (700-1)	3920-2 733 (800-2)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC GAG 115.6 Chan 103	APP CRS 286°	Rwy Idg N/A TDZE N/A Apt Elev 2601

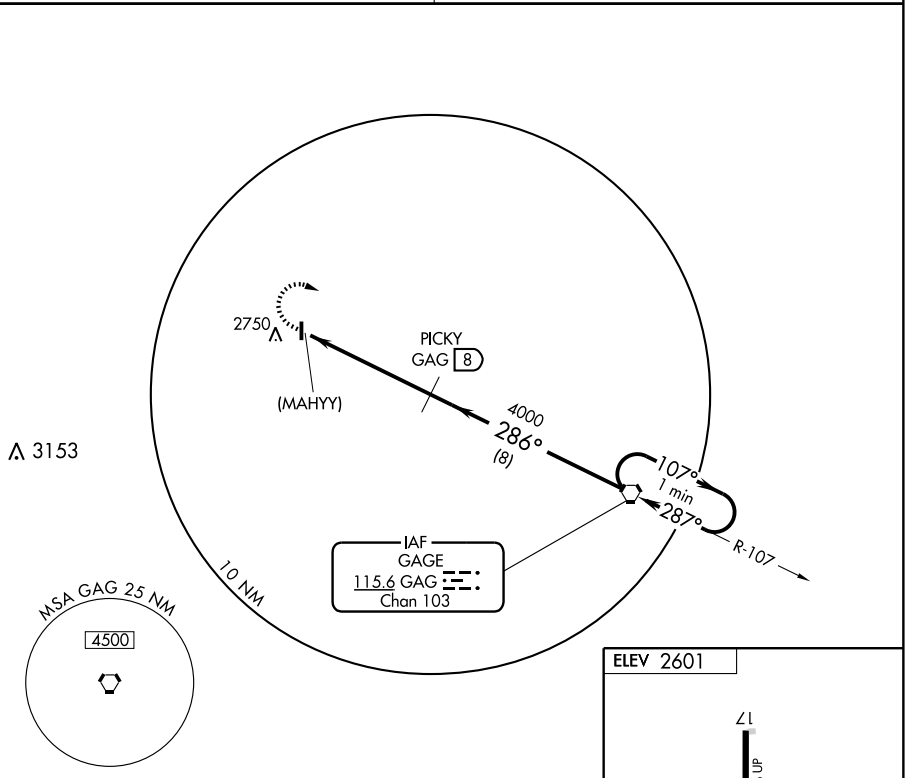
VOR/DME or GPS-A

FOLLETT-LIPSCOMB COUNTY (T93)

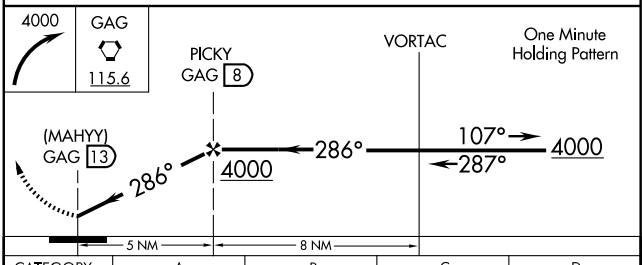
⚠ NA Use Gage, OK altimeter setting; when not available, procedure NA.

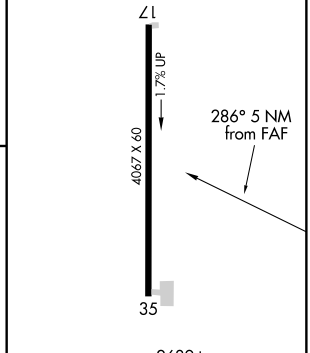
MISSED APPROACH: Climbing right turn to 4000 direct GAG VORTAC.

KANSAS CITY CENTER	CTAF
126.95 379.2	122.9



NoPT for arrivals on GAG VORTAC airway radials 015 CW 142.



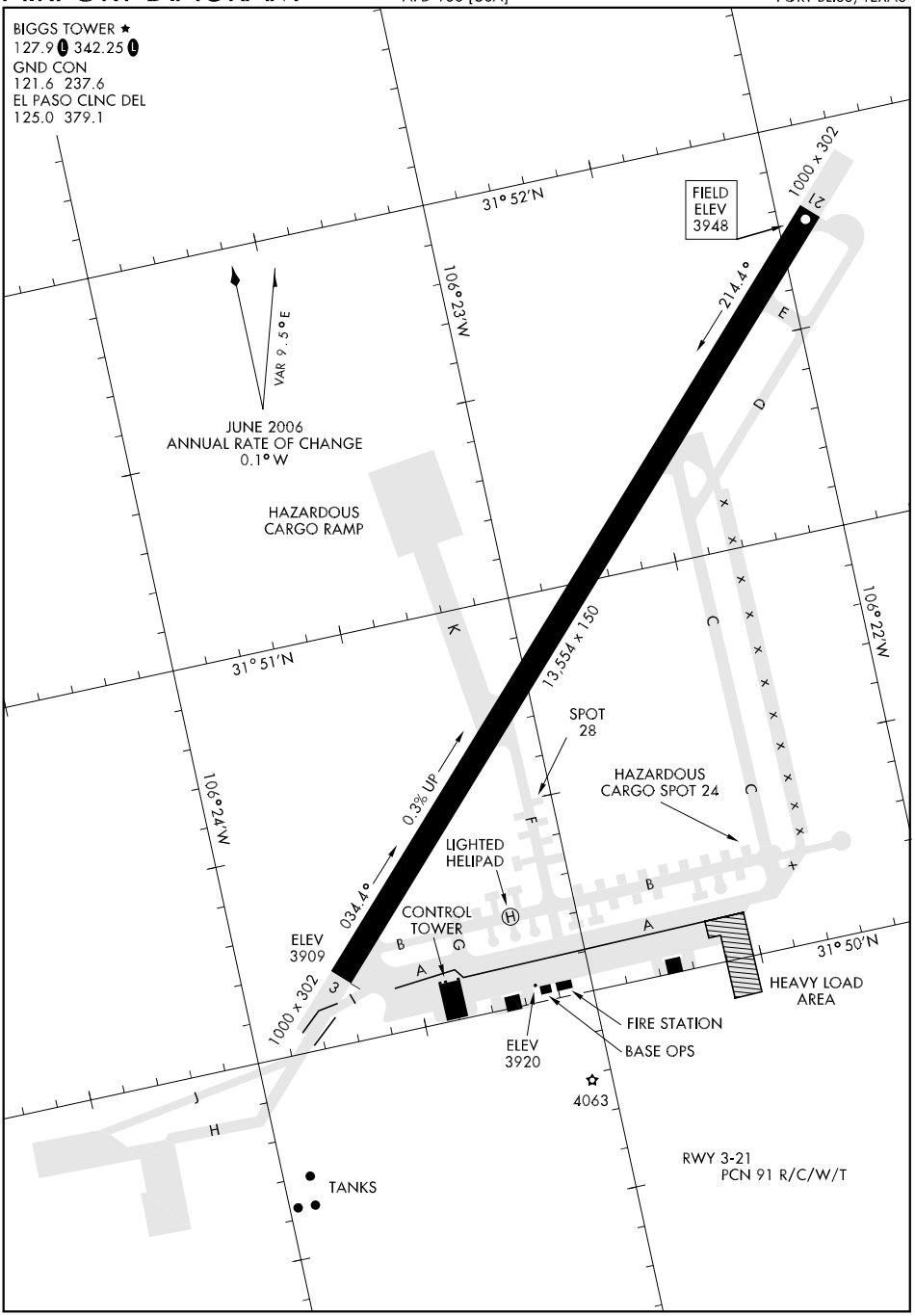


LIRL Rwy 17-35.

CATEGORY	A	B	C	D
CIRCLING	3160-1 559 (600-1)		3160-1½ 559 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010


BIGGS TOWER ★
127.9 L 342.25 L
GND CON
121.6 237.6
EL PASO CLNC DEL
125.0 379.1
31° 52'N
106° 23'W
FIELD ELEV 3948
1000 x 302
21
214.4°
VAR 9.5°E
JUNE 2006
ANNUAL RATE OF CHANGE
0.1° W
HAZARDOUS CARGO RAMP
31° 51'N
106° 24'W
106° 22'W
13,554 x 150
0.3% UP
034.4°
SPOT 28
HAZARDOUS CARGO SPOT 24
LIGHTED HELIPAD
CONTROL TOWER
ELEV 3909
1000 x 302
3
1
31° 50'N
HEAVY LOAD AREA
FIRE STATION
BASE OPS
ELEV 3920
4063
RWY 3-21
PCN 91 R/C/W/T
TANKS

RNAV (GPS) RWY 21

BIGGS AAF (KBIF)

AL-133 [USA]

APCH CRS	Rwy ldg	13,554
212°	TDZE	3948
	Arpt Elev	3948

T
A

DME/DME RNP-0.3 NA.

ALSF-1

MISSED APPROACH: Climbing left turn to 7500 direct ELP VORTAC and hold, continue climb-in-hold to 7500.

EL PASO APP CON	BIGGS TOWER ★	GND CON	EL PASO CLNC DEL	ASR
S of V16 **119.15 353.5** N of V16 **124.25 298.85**	**127.9 L 342.25 L**	**121.6 237.6**	**125.0 379.1**	

R5107A

R5103A

CAUTION: Steeply rising terrain exceeding 7100' 4 miles W of airport.

Procedure NA for arrivals at PIERS via eastbound. Radar required when R-5103 in use.

HIMUP

5600
212°
6.0
4105
6800
280°
7.5
4341
5161
5729

(FAF)
CULAC

212°
4102
4049

(IAF)
PIERS
5026

6927
7192
5000
6810
6114
5014
5610

UNITED STATES
MEXICO

4071
261°
081°
4309

EL PASO INTL

EL PASO
115.2 ELP
Chan 99

MSA RW 21 25 NM
9300

ELEV 3948

212°to RW21

TDZE
3948

13,554 x 150
-0.3% DOWN

4046

3995
4063

HIRL Rwy 3-21 L
REIL Rwy 3-21

7500
ELP

VGSI and descent angles not coincident.

HIMUP
6800
CULAC
212°
1.1 NM
to RW21
RW21
5600
3.04°
TCH 50
5.0 NM

CATEGORY	A	B	C	D
LNAV MDA	4360-½ 412 (500-½)		4360-¾ 412 (500-¾)	
CIRCLING	4360-1 412 (500-1)	4400-1 452 (500-1)	4400-1½ 452 (500-1½)	4500-2 552 (600-2)
S-ASR 21	4360-½ 412 (500-½)		4360-¾ 412 (500-¾)	

EWM VORTAC 112.4 Chan 71	APCH CRS 210°	Rwy ldg 13,554 TDZE 3948 Arpt Elev 3948

AL-133 [USA]

VOR or TACAN RWY 21

BIGGS AAF (KBIF)

T * When ALS inop, increase CAT E vis to 1¾ miles.
** Circling Cat E NA W of Rwy 3-21.
A *** When ALS inop, increase CAT E vis to 1½ miles.

ALSF-1

MISSED APPROACH: Climbing left turn to 8000 direct ELP VORTAC, then via ELP R-081 to GIFEN INT/ELP 7 DME and hold. Continue climb-in-hold to 8000.

EL PASO APP CON	BIGGS TOWER ★	GND CON	EL PASO CLNC DEL	ASR
S of V16 119.15 353.5 N of V16 124.25 298.85	127.9 (L) 342.25 (L)	121.6 237.6	125.0 379.1	

R5107A

R5103A

CAUTION: Steeply rising terrain exceeding 7100' 4 miles W of airport.

TACAN only equipped acft.
Final apch fr holding pat not auth.
Radar vector rqr to final apch crs.
Radar required when R-5103 in use.

6927
7192
6810
6114
5014
5610
5026

UNITED STATES
MEXICO

EL PASO INTL

IAF
NEWMAN
112.4 EWM
Chan 71

EL PASO
115.2 ELP
Chan 99

GIFEN

R-030
030°
210°
210°
R-131
6500
351° (8.2)
R-081
261°
081°

MSA EWM 25 NM
10,200
090°
8400
8000
360°

ELEV 3948

210° 7.1 NM From VORTAC

TDZE 3948
13,554 x 150
0.3% DOWN
4046
3995
4063

HIRL Rwy 3-21 (L)
REIL Rwy 3-21

8000 | ELP | GIFEN ELP 7

VORTAC

Descend in holding pattern

030°
6500
210°

5.9
7.1
210°

VGSI and descent angles not coincident.

7.1 NM

CATEGORY	A	B	C	D	E
S-21 *	4420-½ 472 (500-½)		4420-¾ 472 (500-¾)	4420-1 472 (500-1)	4420-1¼ 472 (500-1¼)
CIRCLING **	4420-1 472 (500-1)		4420-1½ 472 (500-1½)	4500-2 552 (600-2)	
S-ASR 21 ***	4360-½ 412 (500-½)		4360-¾ 412 (500-¾)	4360-1 412 (500-1)	

FAF to MAP 7.1 NM

Knots	60	90	120	150	180
Min:Sec	7:06	4:44	3:33	2:50	2:22

FT. HOOD TOWER ★
119.65 269.45
GND CON
133.85 225.4
CLNC DEL
225.4

VAR 4.9°E

AUGUST 2009
ANNUAL RATE OF CHANGE
0.1°W

980

FIELD ELEV 924

CONTROL TOWER 979

EAST RAMP

NORTH RAMP

BASE OPS

WEST RAMP

CENTER RAMP

SOUTH RAMP

FIRE STATION

16

158.6°

1.2% DOWN

3701 x 144

338.6°

34

ELEV 881

1000 x 144

31°08′ 30″N

31°08′N

97°43′W

97°42′ 30″W

RWY 16-34
PCN 8 F/C/W/T

Rwy 16 ldg 3134′

SC-3, 17 DEC 2009 to 14 JAN 2010

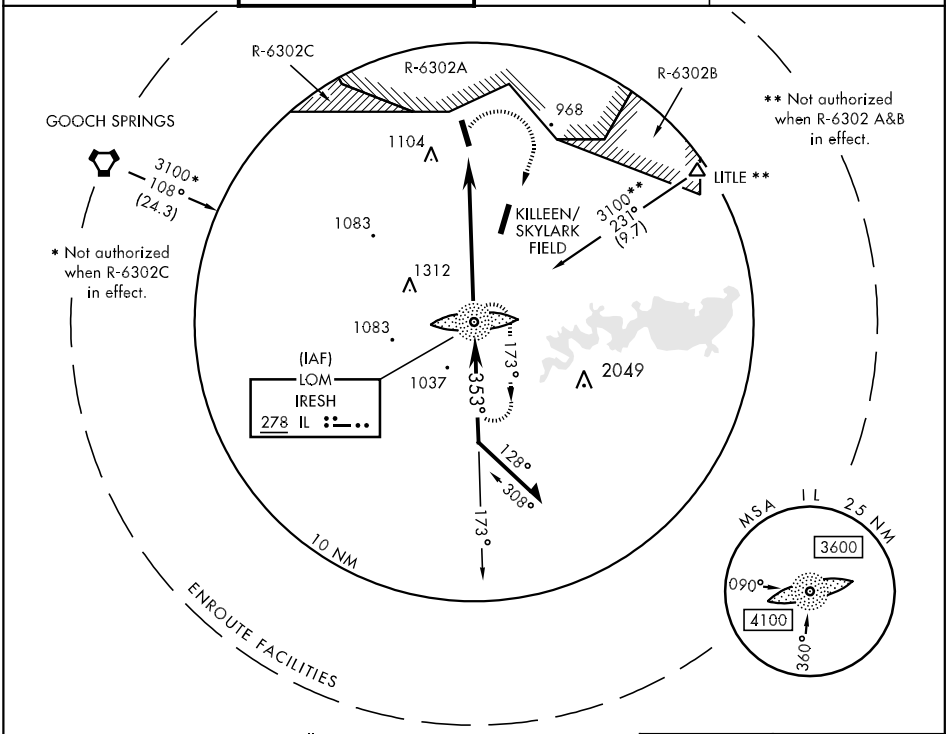
COPTER NDB RWY 34

LOM IL 278	APCH CRS 353°	Rwy ldg 3701 TDZE 914 Arpt Elev 924	AL-5031 [USA]	HOOD AAF (KHLR)

NA

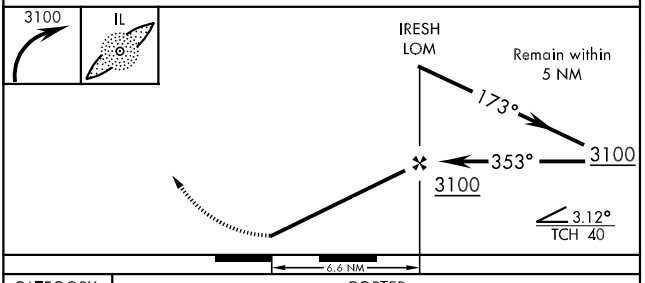
MISSED APPROACH: Climbing right turn to 3100 direct IL LOM and hold.

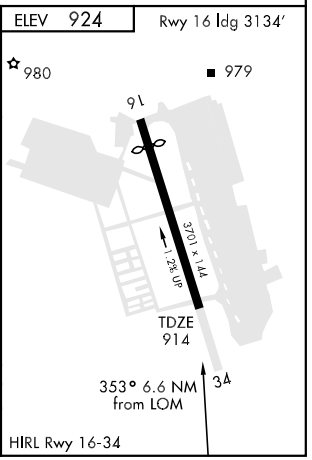
GRAY APP CON	HOOD TOWER ★	GND CON	CLNC DEL
120.075 323.15	119.65 269.45	133.85 225.4	225.4



Limit all segments airspeed to 90 KIAS.

When local altimeter setting not received, use SKYLARK FIELD altimeter setting.





CATEGORY	COPTER		
S-34	1400/40	486	(500-¾)

COPTER RNAV (GPS) RWY 34

APCH CRS	Rwy ldg	3701
338°	TDZE	914
	Arpt Elev	924

AL-5031 [USA]

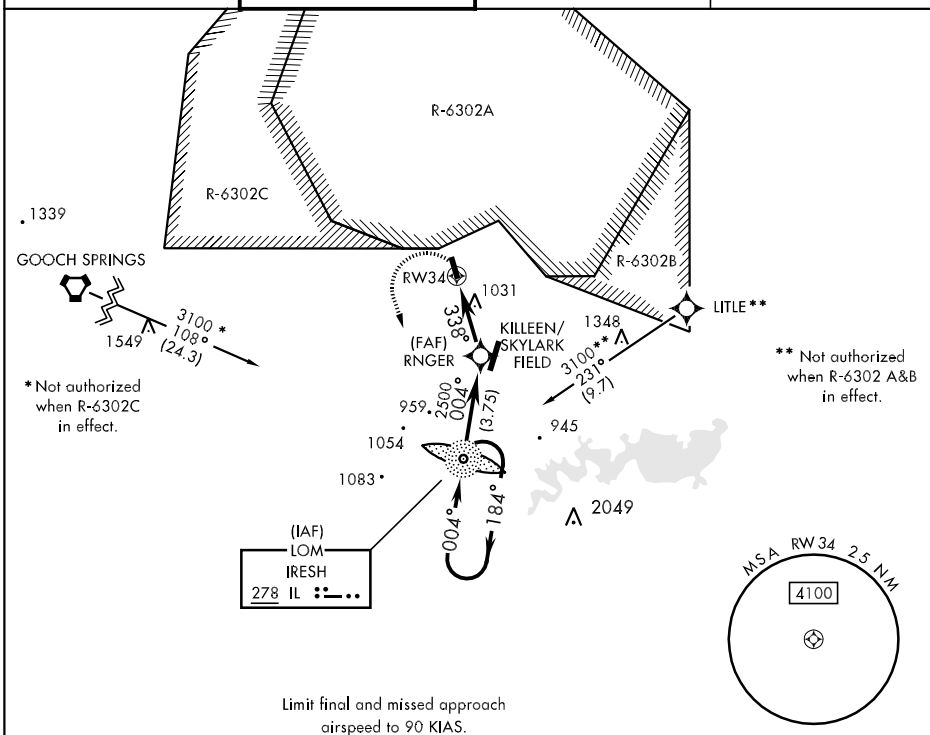
HOOD AAF (KHLR)

NA

DME/DME RNP -0.3 NA

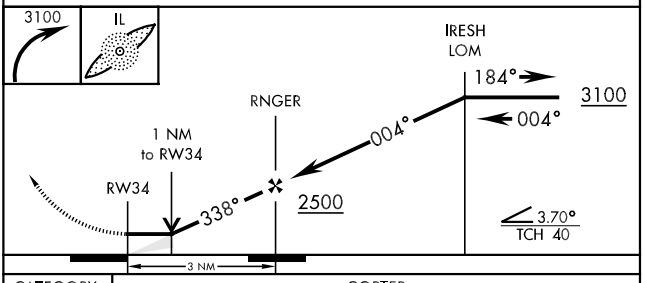
MISSED APPROACH: Climbing left turn to 3100 direct IRESH LOM and hold.

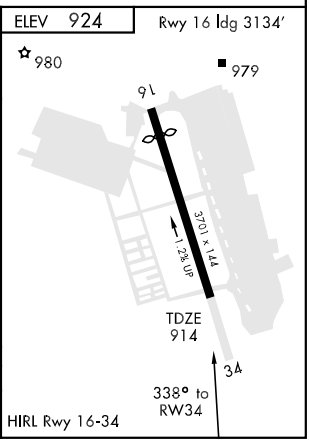
GRAY APP CON	HOOD TOWER ★	GND CON	CLNC DEL
120.075 323.15	119.65 269.45	133.85 225.4	225.4



Limit final and missed approach airspeed to 90 KIAS.

When local altimeter setting not received, use SKYLARK FIELD altimeter setting.





CATEGORY	COPTER		
LNAV MDA	1320/24	406	(500-½)

COPTER VOR 032°

VOR/DME GRK 111.8 Chan 55	APCH CRS 032°	Rwy Idg N/A TDZE N/A Arpt Elev 924	AL-5031 [USA]	HOOD AAF (KHLR)

MISSED APPROACH: Climbing right turn to 3000 direct to GRK VOR/DME and hold.

GRAY APP CON	HOOD TOWER ★	GND CON	CLNC DEL
120.075 323.15	119.65 269.45	133.85 225.4	225.4

COPTER ONLY

GOOCH SPRINGS

3000*
113°
(19.2)

* Not authorized when R-6302C is active.

R-6302C

R-6302A

R-032

1240

IAF
GRAY
111.8 GRK
Chan 55

032°

KILLEEN MUNI

1039

1258

Limit all segments airspeed to 90 KIAS

032°

212°

2049

When local altimeter setting not received, use Skylark field altimeter setting.

R-212

347°

167°

10 NM

MSA GRK 25 NM

180°

4200

3100

360°

ENROUTE FACILITIES

ELEV 924

HIRL Rwy 16-34
Rwy 16 ldg 3134'

980

979

91

3791 x 144

1.2% UP

032° 8.0 NM from VOR/DME

34

Remain within 5 NM

VOR

212°

3000

032°

3000

032°

8.0 NM

3000

GRK

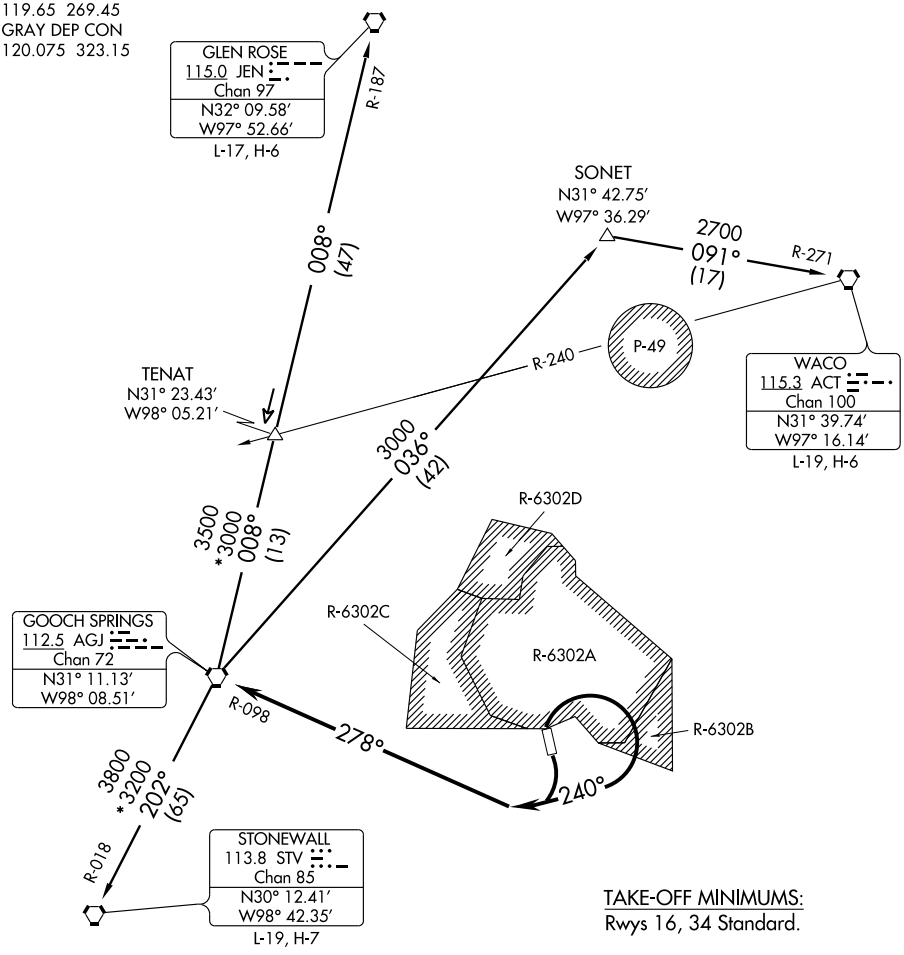
CATEGORY	COPTER
H-032°	1600- ¾ 676 (700-¾)

FAF to MAP 8.0 NM					
Knots	60	90	120	150	180
Min:Sec	8:00	5:20	4:00	3:12	2:40

LAMPS FOUR DEPARTURE

CLNC DEL
225.4
GND CON
133.85 225.4
HOOD TOWER★
119.65 269.45
GRAY DEP CON
120.075 323.15

NOTE: RADAR Required.
NOTE: MRA at TENAT Int 4000 for Non-DME aircraft.



TAKE-OFF MINIMUMS:
Rwys 16, 34 Standard.

TAKE-OFF OBSTACLES:

Rwy 16, Tree line 875′ from DER, 190′ right of centerline, 30′AGL/931′MSL.
Multiple poles beginning 457′ from DER, 130′ right to 68′ left of centerline. 40′ AGL/920′ MSL.
NDB 784′ from DER, 246′ left of centerline, 34′ AGL/914′ MSL.
Rwy 34, Tree 2, 199′ from DER, 987′ right of centerline, 30′ AGL/1029′ MSL.
Terrain beginning 2121′ from DER, 1014′ right of centerline, up to 0′ AGL/981′ MSL.
Vehicle on road 483′ from DER, 4′ right of centerline, 15′ AGL/935′ MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-3, 17 DEC 2009 to 14 JAN 2010

LAMPS FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWYS 16/34: Climbing right turn heading 240° (to assigned altitude), to intercept and proceed via AGJ R-098. Thence . . . .

. . . . via (transition) or (assigned route).

GLEN ROSE TRANSITION (LAMPS4.JEN): (For aircraft inbound to Dallas/Fort Worth terminal area airports.) From over AGJ VORTAC via AGJ R-008 and JEN R-187 to JEN VORTAC.

STONEWALL TRANSITION (LAMPS4.STV): From over AGJ VORTAC via AGJ R-202 and STV R-018 to STV VORTAC.

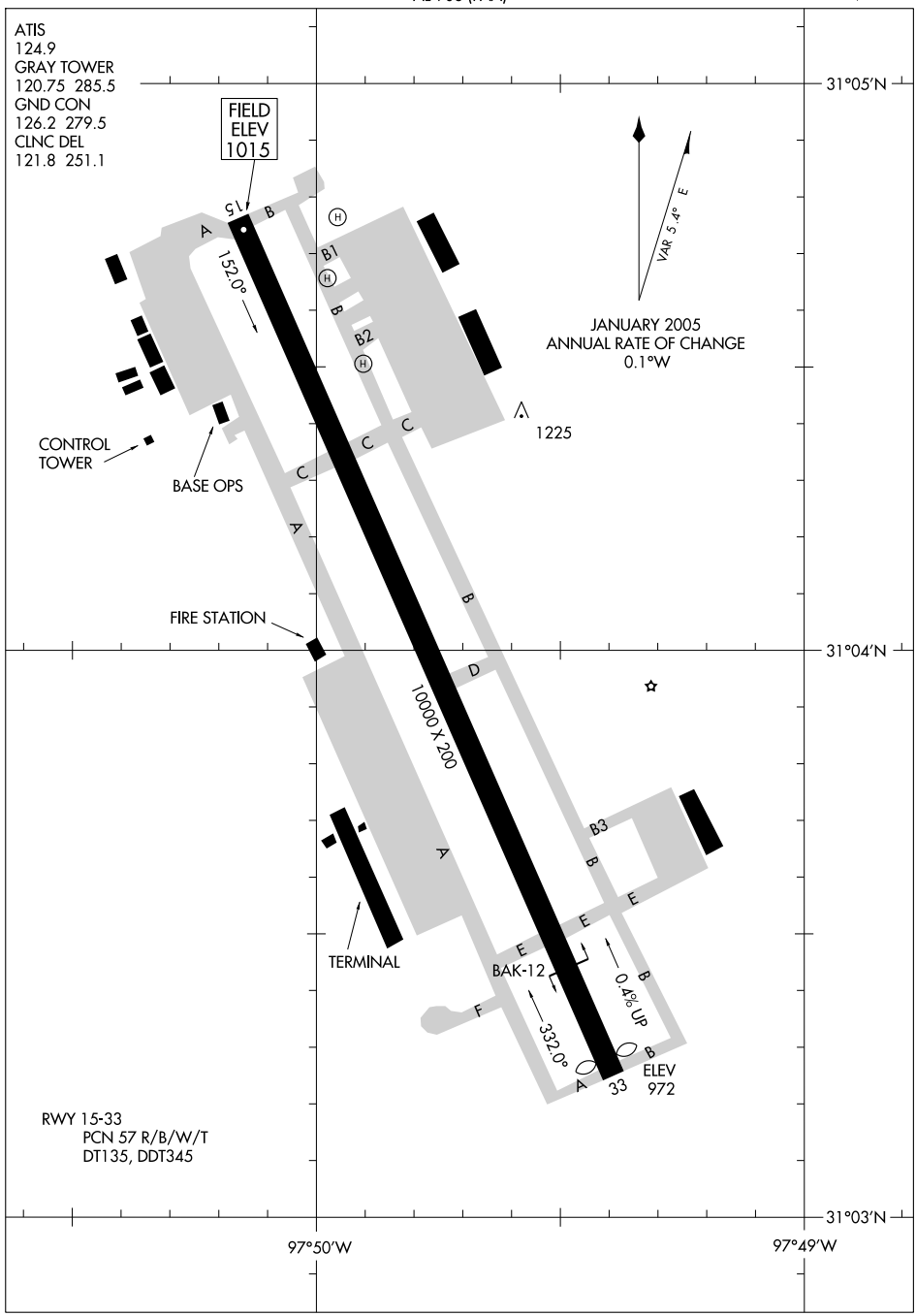
WACO TRANSITION (LAMPS4.ACT): (For aircraft inbound to terminal area airports.) From over AGJ VORTAC via AGJ R-036 to SONET INT, then via ACT R-271 to ACT VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

09351

AIRPORT DIAGRAM

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)
FORT HOOD/KILLEEN, TEXAS
AL-906 (FAA)



RWY 15-33
PCN 57 R/B/W/T
DT135, DDT345

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME GRK 111.8 Chan 55	APP CRS 333°	Rwy Idg 9806 TDZE N/A Apt Elev 1015

COPTER VOR RWY 33

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

T
NA
ASR/PAR

MALSR

MISSED APPROACH: Climbing right turn to 3000 direct GRK VOR/DME and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1

GOOCH SPRINGS
112.5 AGJ
Chan 72

3000
113°
(19.2)

R-6302A
R-6302C
R-6302B
1616
1549
1549
1206
1341
1215
1505
1194±
IAF
GRAY
111.8 GRK
Chan 55
153°
333°
198°
018°
5 NM
2049
R-153
10 NM
3100
051°
(24.9)
SLIMM
3600
303°
(24.6)
DARTE

ELEV 1015
15
33
1191
10000 X 200
0.4% UP

MSA GRK 25 NM
180°
4200
3100
360°

333° 1.4 NM
from FAF

HIRL Rwy 15-33

FAF to MAP 1.4 NM					
Knots	60	90	120	150	180
Min:Sec	1:24	0:56	0:42	0:34	0:28

3000 GRK 111.8

VOR/DME

Remain within 5 NM

153°
3000
333°
2000
GRK 1.4
6.49°
TCH 52
1.4 NM

VGSI and descent angles not coincident.

CATEGORY	COPTER
H-33	1460-¼ 465 (500-¼)

SC-3, 17 DEC 2009 to 14 JAN 2010

FORT HOOD/KILLEEN, TEXAS | AL-906 (FAA) | 09351

LOC I-GRK	APP CRS	Rwy Idg	10000
111.1	150°	TDZE	1015
		Apt Elev	1015

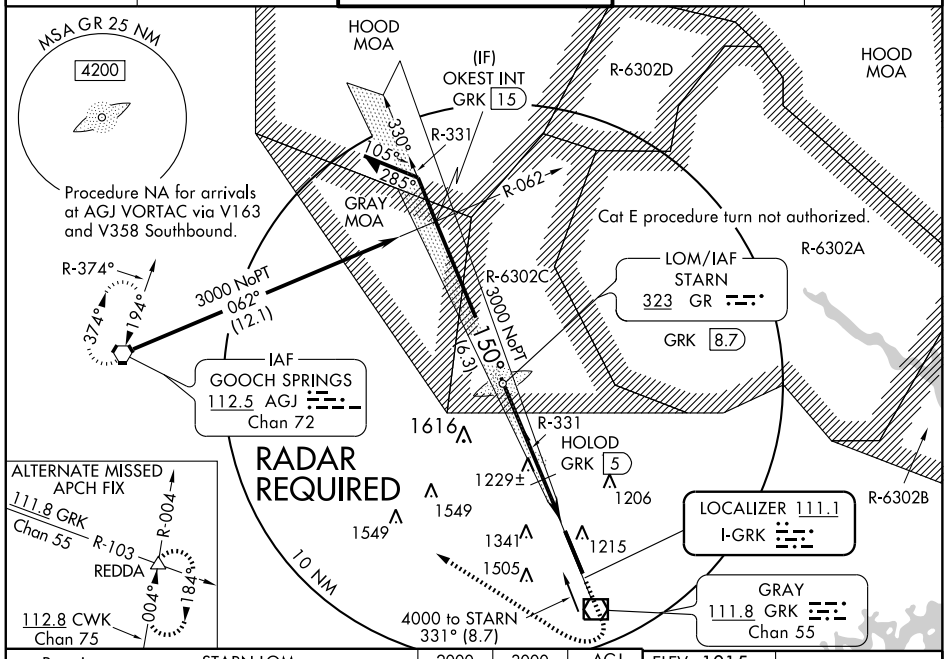
ILS or LOC RWY 15

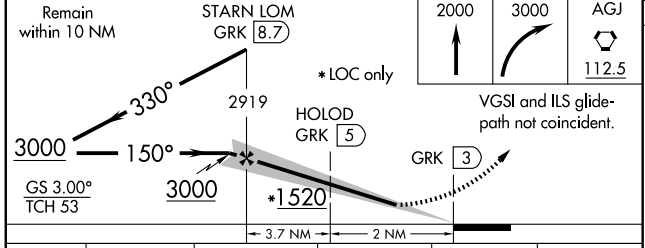
FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

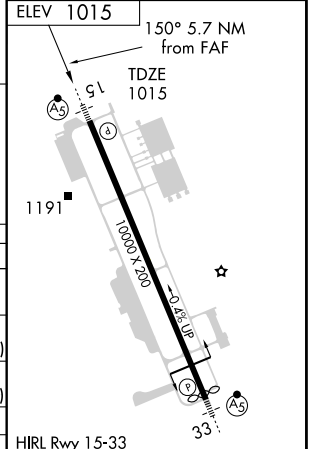
T A ASR/PAR — Circling NA W of Rwy 15-33. For inoperative MALSR, increase S-ILS 15 Cat E visibility to RVR 4000, increase S-LOC 15 Cat E visibility ½ mile.

MALSR (A5) — MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1







CATEGORY	A	B	C	D	E
S-ILS 15	1217/24 202 (300-½)				
S-LOC 15	1520/24 505 (600-½)		1520/50 505 (600-1)		1520/60 505 (600-1¼)
CIRCLING	1540-1 525 (600-1)		1560-1½ 545 (600-1½)	1580-2 565 (600-2)	1740-2½ 725 (800-2½)
HOLOD FIX MINIMUMS					
S-LOC 15	1480/24 465 (500-½)		1480/40 465 (500-¾)	1480/50 465 (500-1)	1480/60 465 (500-1¼)
CIRCLING	1540-1 525 (600-1)		1560-1½ 545 (600-1½)	1580-2 565 (600-2)	1740-2½ 725 (800-2½)

HIRL Rwy 15-33

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BTJ	APP CRS	Rwy Idg	9806
109.35	330°	TDZE	995
Chan 30 (Y)		Apt Elev	1015

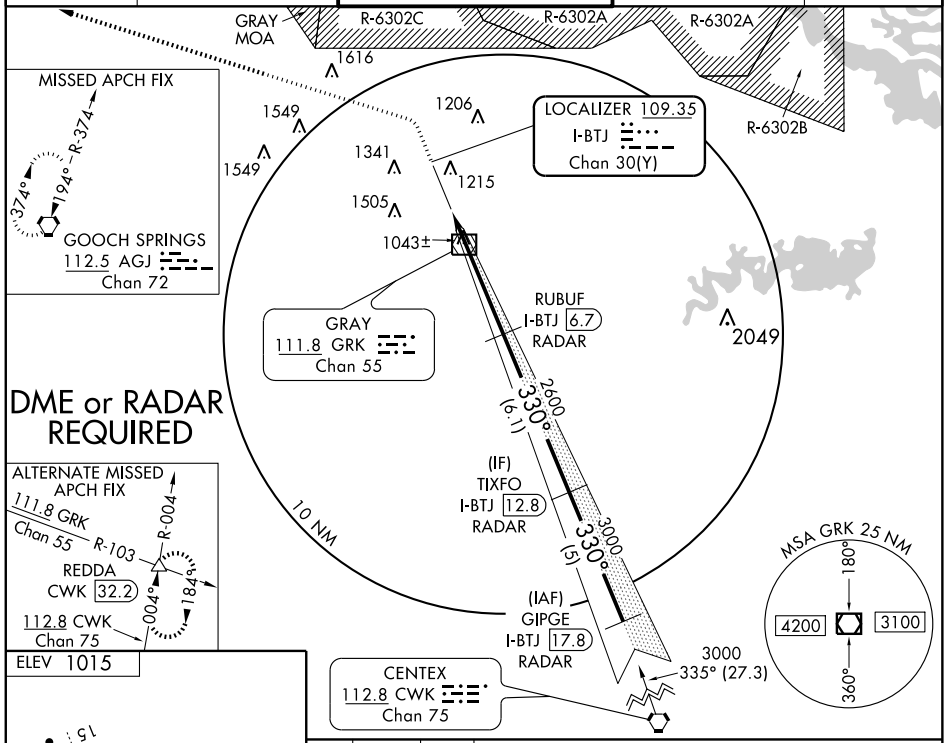
ILS or LOC RWY 33

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

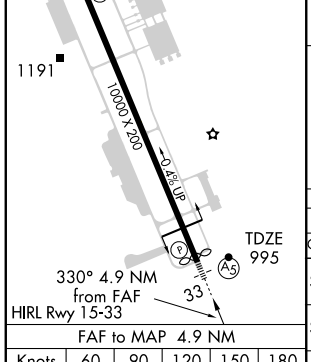
T A ASR/PAR — Circling NA W of Rwy 15-33. For inoperative MALSR, increase S-ILS 33 Cat E visibility ¼ mile and S-LOC 33 Cat E visibility ½ mile.

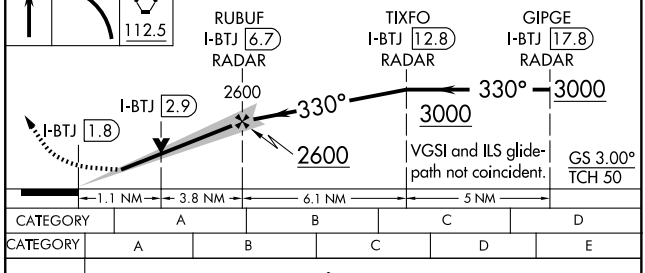
MALSR (A5) — MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct AGJ VORTAC and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1



ELEV 1015





FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

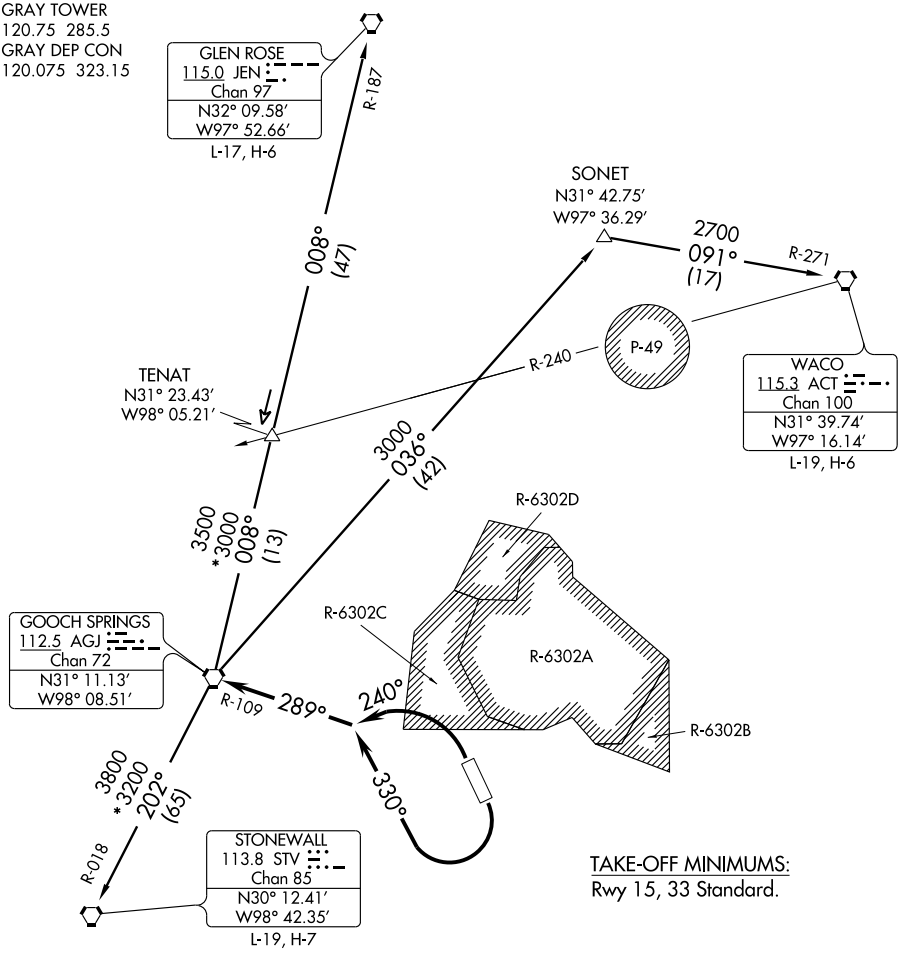
CATEGORY	A	B	C	D	
CATEGORY	A	B	C	D	E
S-ILS 33	1195-½ 200 (200-½)				
S-LOC 33	1360-½ 365 (400-½)			1360-¾ 365 (400-¾)	
CIRCLING	1540-1 525 (600-1)	1560-1½ 545 (600-1½)		1580-2 565 (600-2)	1740-2½ 725 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

LAMPS FOUR DEPARTURE

ATIS 124.9
CLNC DEL
121.8 251.1
GND CON
126.2 279.5
GRAY TOWER
120.75 285.5
GRAY DEP CON
120.075 323.15

NOTE: RADAR Required.
NOTE: MRA at TENAT Int 4000 for Non-DME aircraft.



TAKE-OFF MINIMUMS:
Rwy 15, 33 Standard.

TAKE-OFF OBSTACLES:

Rwy 33, Pole 974′ from DER, 746′ left of centerline, 35′ AGL/1050′ MSL.
Pole 1121′ from DER, 746′ left of centerline, 33′ AGL/1048′ MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

LAMPS FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 15: Climbing right turn heading 330° (to assigned altitude), to intercept and proceed via AGJ R-109. Thence . . . .
TAKE-OFF RWY 33: Climbing left turn heading 240° (to assigned altitude), to intercept and proceed via AGJ R-109. Thence . . . .

. . . . via (transition) or (assigned route).

GLEN ROSE TRANSITION (LAMPS4.JEN): (For aircraft inbound to Dallas/Fort Worth terminal area airports.) From over AGJ VORTAC via AGJ R-008 and JEN R-187 to JEN VORTAC.
STONEWALL TRANSITION (LAMPS4.STV): From over AGJ VORTAC via AGJ R-202 and STV R-018 to STV VORTAC.
WACO TRANSITION (LAMPS4.ACT): (For aircraft inbound to terminal area airports.) From over AGJ VORTAC via AGJ R-036 to SONET INT, then via ACT R-271 to ACT VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME GRK	APP CRS	Rwy Idg	10000
111.8	150°	TDZE	1015
Chan 55		Apt Elev	1015

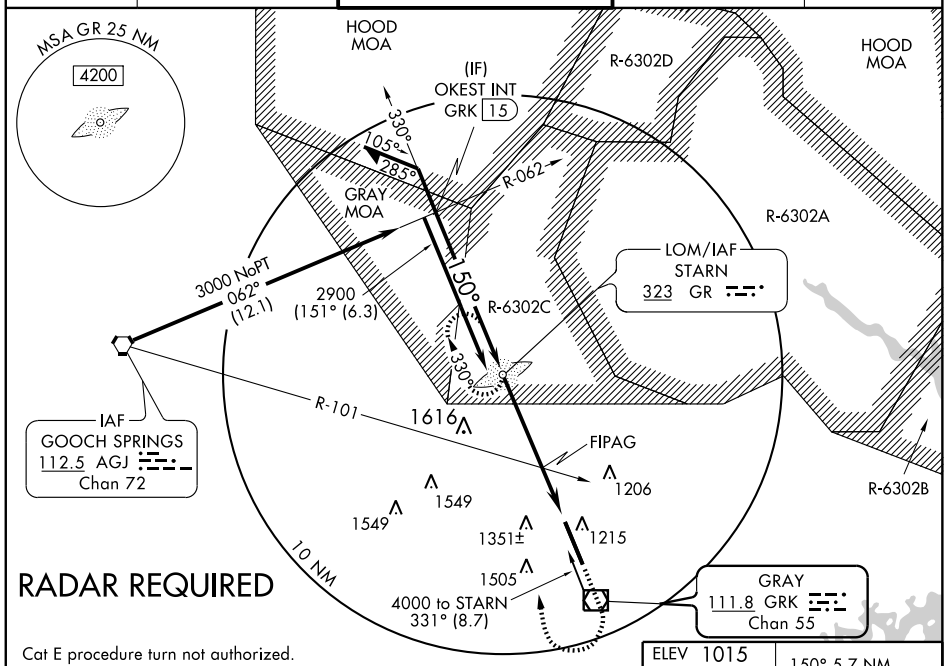
NDB RWY 15

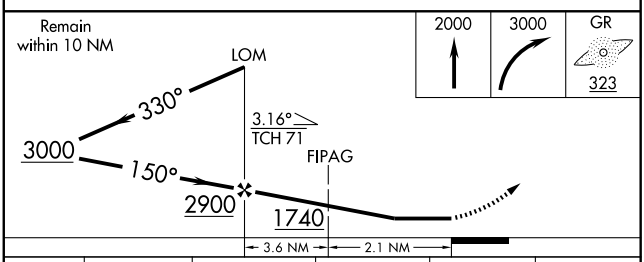
FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

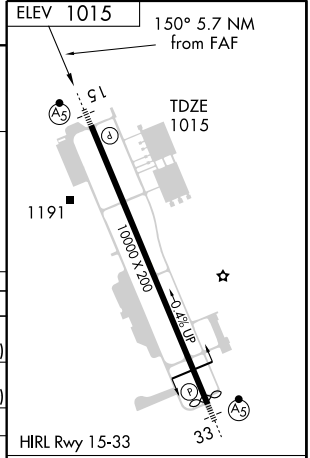
T A ASR/PAR — Inoperative table does not apply to S-15 Cat A, B and FIPAG fix minimums S-15 Cat A, B. Circling NA W of Rwy 15-33. For inoperative MALSR, increase all S-15 Cat D and E visibilities ¼ mile.

MALSR — MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct STARN LOM and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1







CATEGORY	A	B	C	D	E
S-15	1740/40	725 (800-¾)	1740-1½ 725 (800-1½)	1740-2 725 (800-2)	1740-2¼ 725 (800-2¼)
CIRCLING	1740-1	725 (800-1)	1740-2 725 (800-2)	1740-2¼ 725 (800-2¼)	1740-2½ 725 (800-2½)
FIPAG FIX MINIMUMS					
S-15	1660/40	645 (700-¾)	1660/60 645 (700-1¼)	1660-1¾ 645 (700-1¾)	1660-2 645 (700-2)
CIRCLING	1660-1	645 (700-1)	1660-1¾ 645 (700-1¾)	1660-2 645 (700-2)	1740-2½ 725 (800-2½)

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	10000
CH 78099	150°	TDZE	1015
W15A		Apt Elev	1015

RNAV (GPS) RWY 15

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

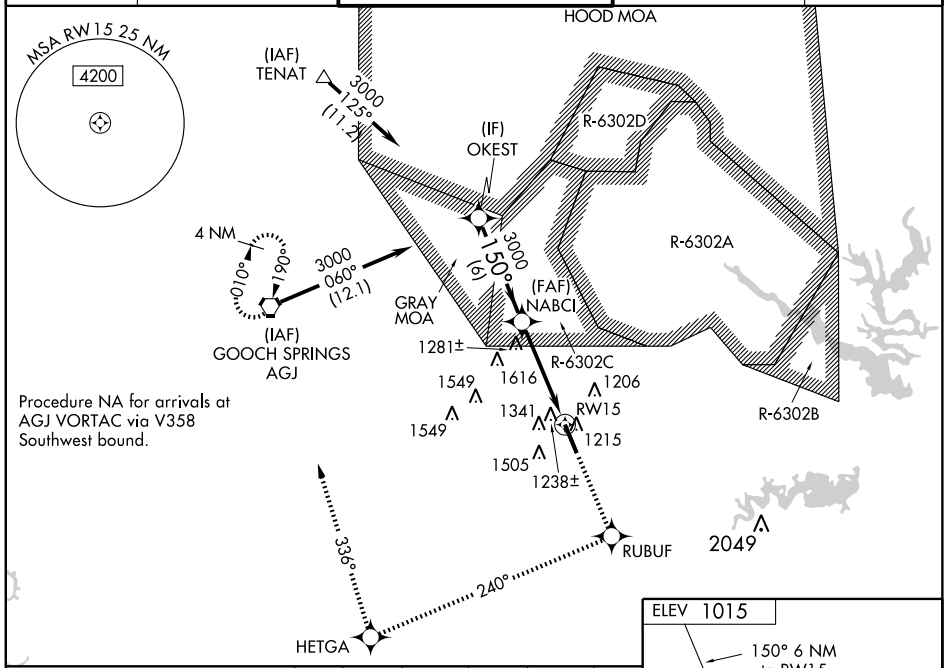
T A PAR/ASR

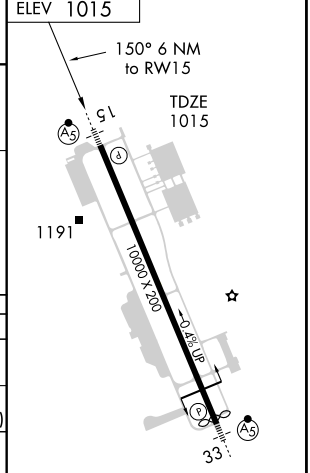
Circling NA W of Rwy 15-33. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 47°C (116°F). Inoperative table does not apply to LPV all Cats, and LNAV Cats A/B. DME/DME RNP-0.3 NA. For inoperative MALSR, increase LNAV/VNAV Cat E visibility ½ mile and LNAV Cat E visibility ½ mile.

MALSR

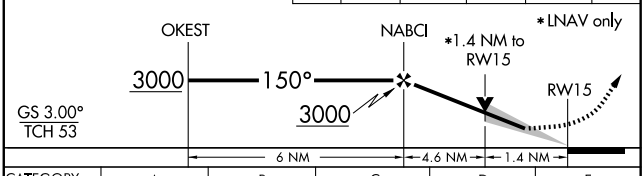
MISSED APPROACH: Climb to 3000 direct RUBUF and right turn via track 240° to HETGA and right turn via track 336° to AGJ VORTAC and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1





Procedure Turn NA	VGSI and RNAV glide-path not coincident.	3000	RUBUF	trk 240°	HETGA	trk 336°	AGJ



CATEGORY	A	B	C	D	E
LPV DA	1271/24 256 (300-½)				
LNAV/ VNAV DA	1547/60 532 (600-1¼)				1547-1½ 532 (600-1½)
LNAV MDA	1540/24 525 (600-½)		1540/50 525 (600-1)	1540/60 525 (600-1¼)	
CIRCLING	1540-1 525 (600-1)		1560-1½ 545 (600-1½)	1580-2 565 (600-2)	1740-2½ 725 (800-2½)

HIRL Rwy 15-33

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9806
CH 82399	330°	TDZE	995
W33A		Apt Elev	1015

RNAV (GPS) RWY 33

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

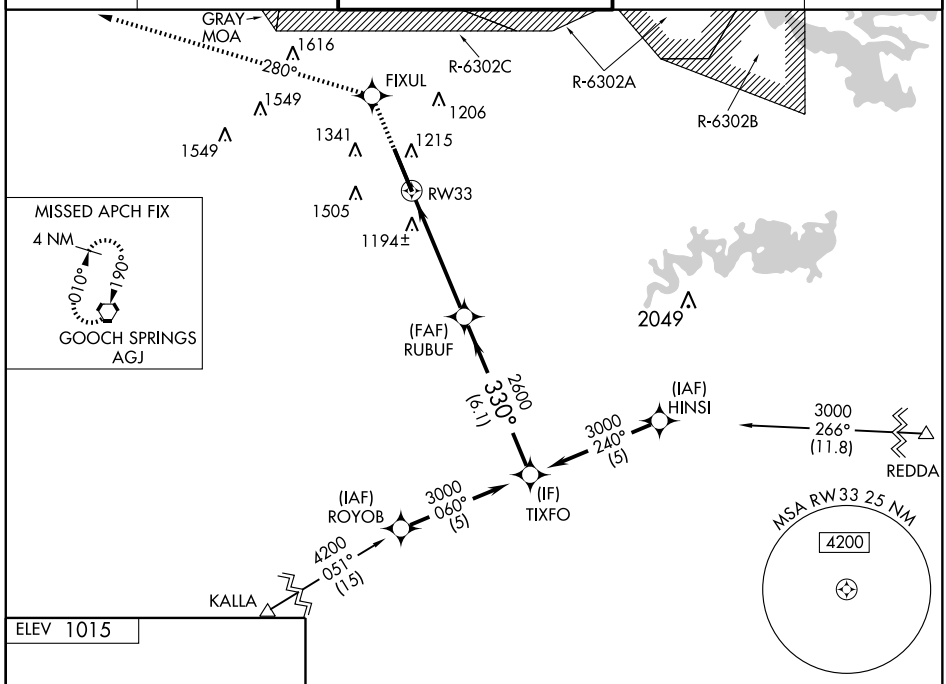
T A ASR/PAR

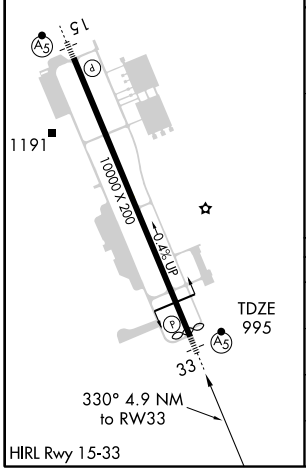
Circling NA W of Rwy 15-33. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV Cat E visibility to ¼ mile and LNAV/VNAV and LNAV Cat E visibility ½ mile.

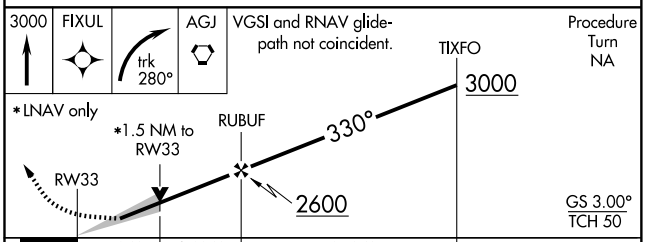
MALSR

MISSED APPROACH: Climb to 3000 direct FIXUL and via track 280° to AGJ VORTAC and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1







CATEGORY	A	B	C	D	E
LPV DA	1195-½ 200 (200-½)				
LNAV/ VNAV DA	1552-1½ 537 (600-1½)				
LNAV MDA	1460-½ 465 (500-½)		1460-¾ 465 (500-¾)	1460-1 465 (500-1)	1460-1¼ 465 (500-1¼)
CIRCLING	1540-1 525 (600-1)		1560-1½ 545 (600-1½)	1580-2 565 (600-2)	1740-2½ 725 (800-2½)

VOR/DME GRK	APP CRS	Rwy Idg	N/A
111.8	333°	TDZE	N/A
Chan 55		Apt Elev	1015

VOR-A

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

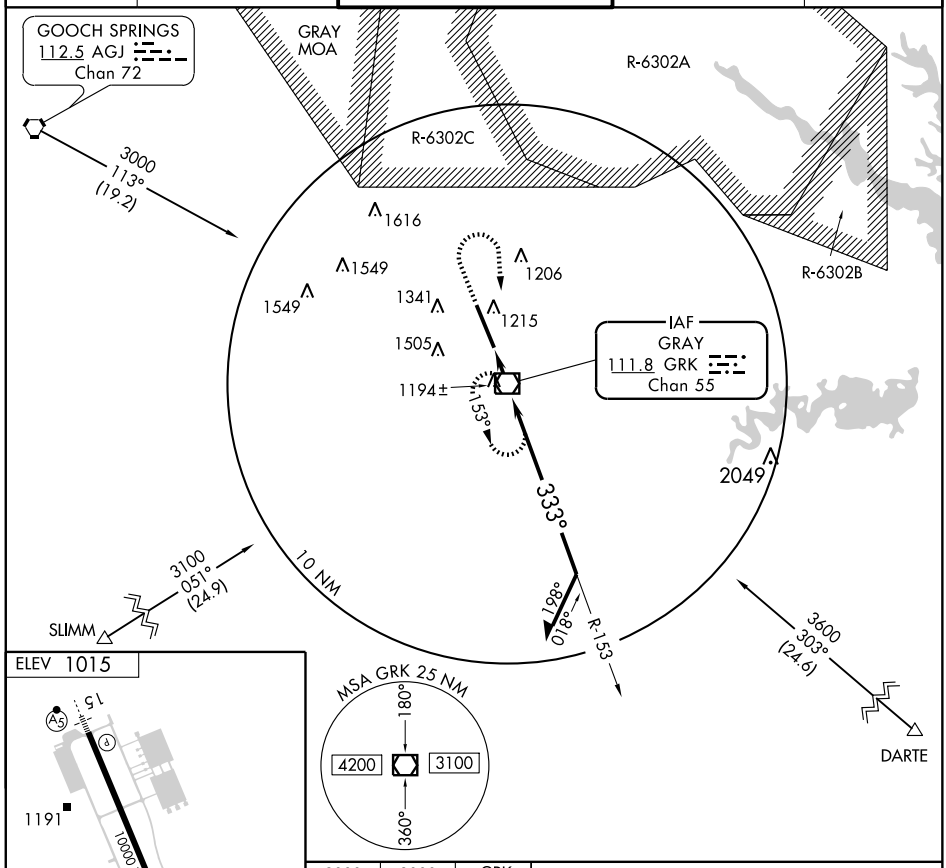
NA
ASR/PAR

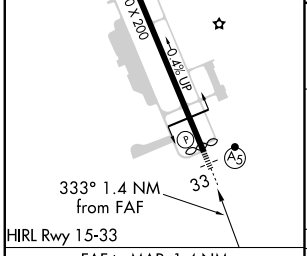
Circling NA W of Rwy 15-33.

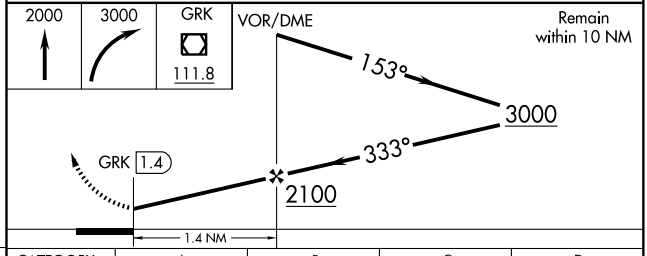
MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct GRK VOR/DME and hold.

ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1







FAF to MAP 1.4 NM					
Knots	60	90	120	150	180
Min:Sec	1:24	0:56	0:42	0:34	0:28

CATEGORY	A	B	C	D
CIRCLING	1540-1	525 (600-1)	1560-1½	1580-2
			545 (600-1½)	565 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

FORT HOOD/KILLEEN, TEXAS

AL-906 (FAA)

09351

VOR/DME GRK	APP CRS	Rwy Idg	10000
111.8	152°	TDZE	1015
Chan 55		Apt Elev	1015

VOR/DME RWY 15

FORT HOOD/KILLEEN/ ROBERT GRAY AAF (GRK)

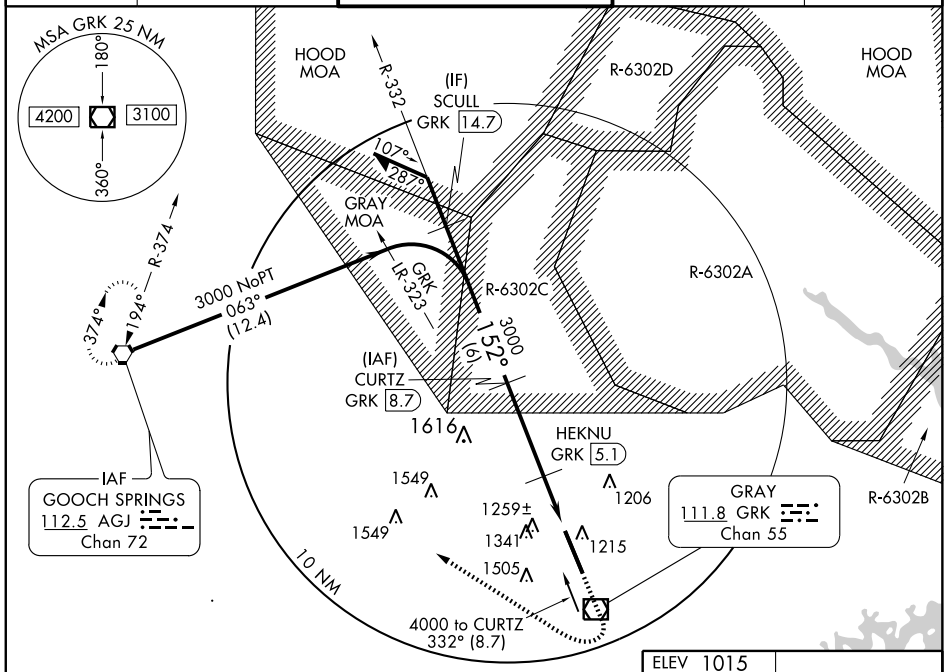
T A NA ASR/PAR

Circling NA W of Rwy 15-33. For inoperative MALSR, increase S-15 Cat E visibility ½ mile.

MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.

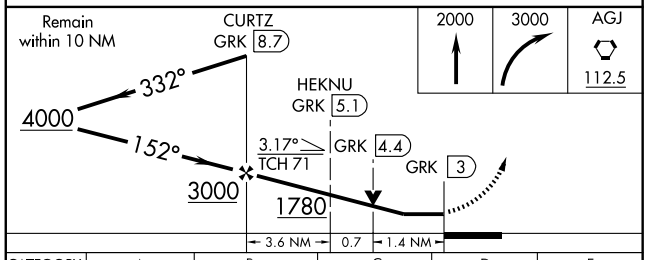
ATIS	GRAY APP CON	GRAY TOWER	GND CON	CLNC DEL
124.9	120.075 323.15	120.75 285.5	126.2 279.5	121.8 251.1

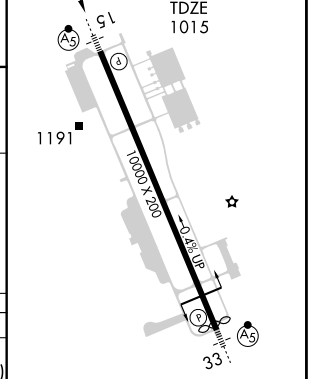


1616±

RADAR REQUIRED

Cat E procedure turn not authorized.





CATEGORY	A	B	C	D	E
S-15	1520/24	505 (600-½)	1520/50	505 (600-1)	1520/60 505 (600-1¼)
CIRCLING	1540-1	525 (600-1)	1560-1½ 545 (600-1½)	1580-2 565 (600-2)	1740-2½ 725 (800-2½)

HIRL Rwy 15-33

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7508
CH 78014	117°	TDZE	3002
W12A		Apt Elev	3011

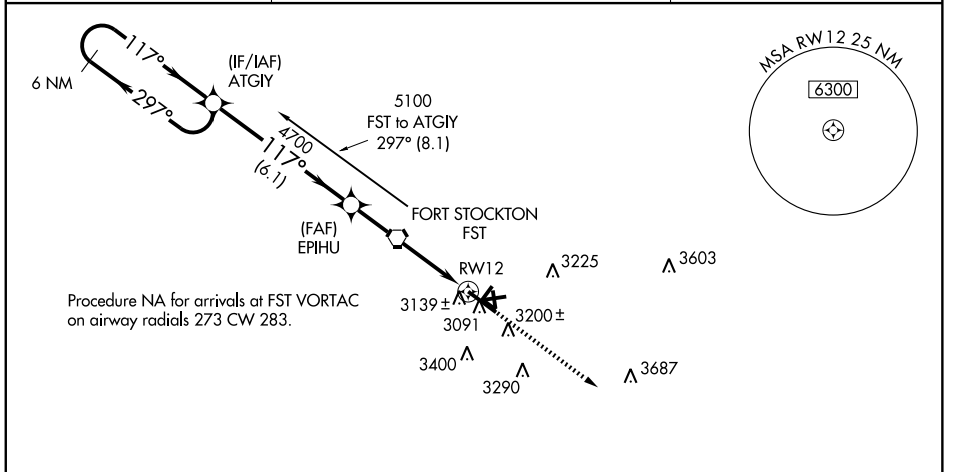
RNAV (GPS) RWY 12

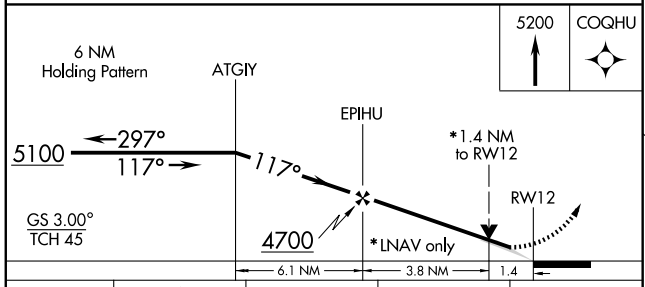
FORT STOCKTON-PECOS COUNTY (FST)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Pecos altimeter setting and increase all DA 152 feet and all MDA 160 feet, increase LPV visibility ½ mile all Cats, LNAV/VNAV visibility ½ mile all Cats, LNAV Cat C/D visibility ½ mile, Circling Cat C visibility ¾ mile, Cat D visibility ½ mile. Baro-VNAV and VDP NA when using Pecos altimeter setting. Circling to Rwy 11-29, 7-25, 16-34 NA. Circling to Rwy 30 NA at night.

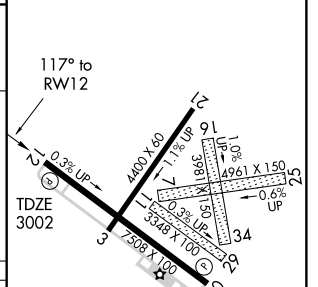
MISSED APPROACH: Climb to 5200 direct COQHU and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.525	135.875 292.15	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	3252-1 250 (300-1)			
LNAV/VNAV DA	3409-1½ 407 (400-1½)			
LNAV MDA	3480-1 478 (500-1)		3480-1¼ 478 (500-1¼)	3480-1½ 478 (500-1½)
CIRCLING	3540-1 529 (600-1)		3600-1½ 589 (600-1½)	3760-2½ 749 (800-2½)



MIRL Rwys 3-21 and 12-30 L

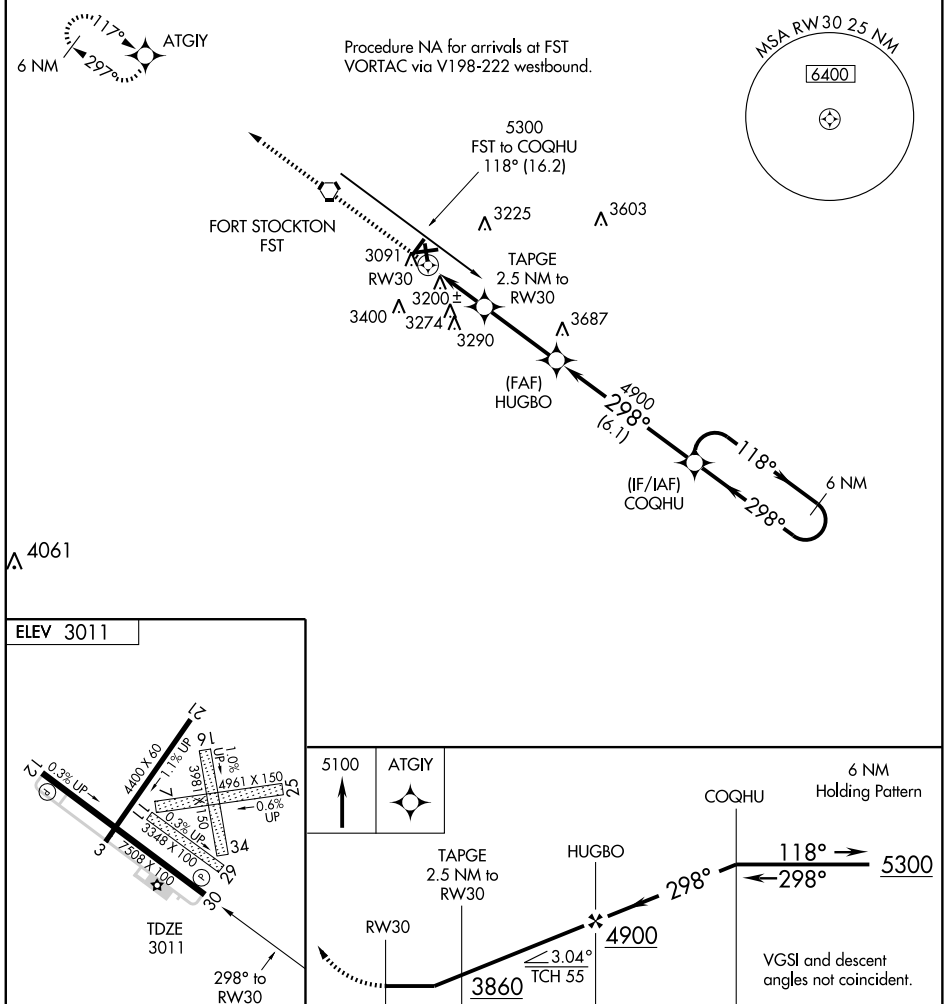
APP CRS	Rwy Idg	7508
298°	TDZE	3011
	Apt Elev	3011

RNAV (GPS) RWY 30
FORT STOCKTON-PECOS COUNTY (FST)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Pecos altimeter setting and increase all MDA 160 feet, increase LNAV Cat C/D visibility ½ mile, Circling Cat C visibility ¾ mile, Cat D visibility ½ mile. Circling to Rwy 11-29, 7-25, 16-34 NA. Procedure NA at night.

MISSED APPROACH: Climb to 5100 direct ATGIY and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.525	135.875 292.15	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	3500-1	489 (500-1)	3500-1¼ 489 (500-1¼)	3500-1½ 489 (500-1½)
CIRCLING	3540-1	529 (600-1)	3600-1½ 589 (600-1½)	3760-2½ 749 (800-2½)

MIRL Rwys 3-21 and 12-30 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC FST	APP CRS	Rwy Idg	7508
116.9	296°	TDZE	3011
Chan 116		Apt Elev	3011

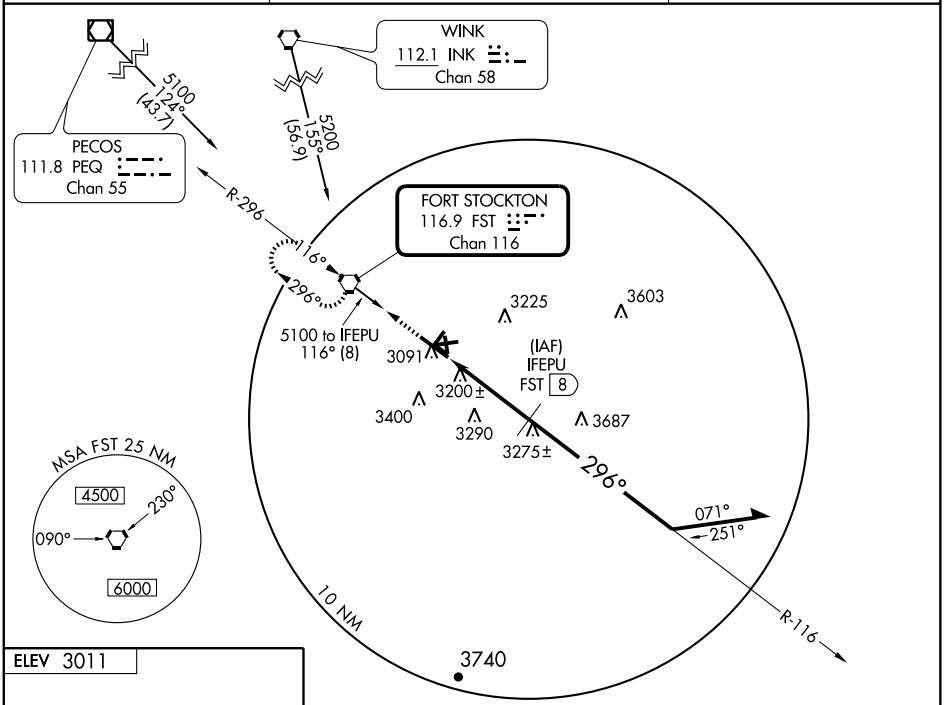
VOR/DME RWY 30

FORT STOCKTON-PECOS COUNTY (FST)

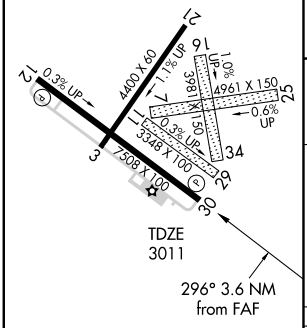
NA

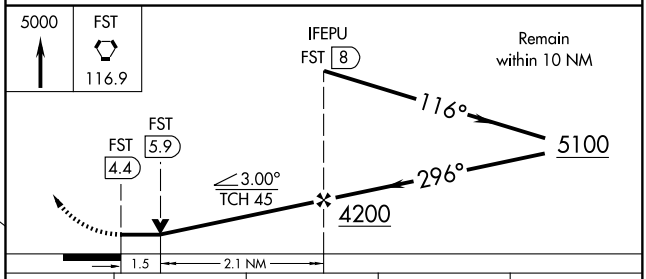
MISSED APPROACH: Climb to 5000 direct FST VORTAC and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.525	135.875 292.15	122.8 (CTAF) L



ELEV 3011





CATEGORY	A	B	C	D
S-30	3540-1	529 (600-1)	3540-1½ 529 (600-1½)	3540-1¾ 529 (600-1¾)
CIRCLING	3540-1	529 (600-1)	3540-1½ 529 (600-1½)	3760-2½ 749 (800-2½)

MIRL Rwys 3-21 and 12-30 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC FST	APP CRS	Rwy Idg	7508
116.9	116°	TDZE	3002
Chan 116		Apt Elev	3011

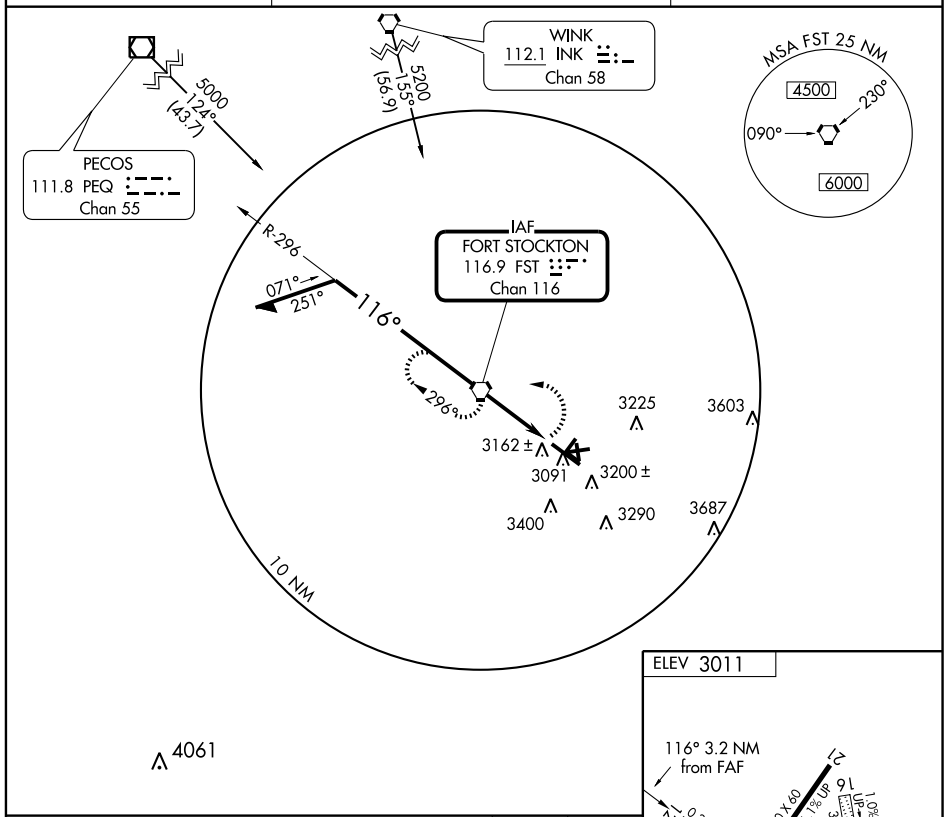
VOR RWY 12

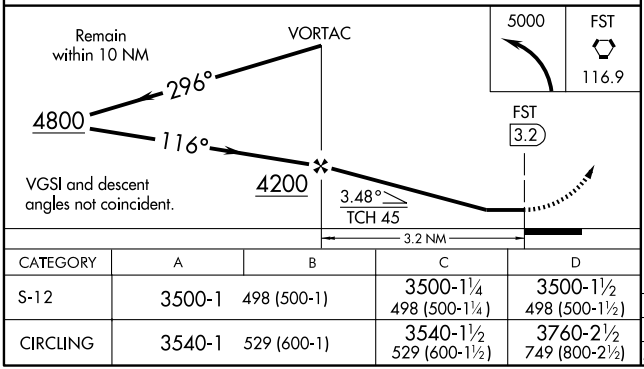
FORT STOCKTON-PECOS COUNTY (FST)

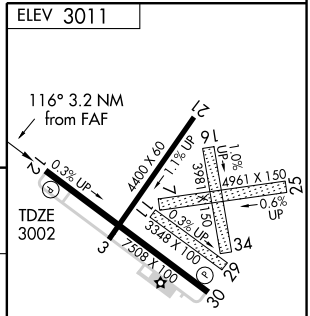
NA

MISSED APPROACH: Climbing left turn to 5000 direct FST VORTAC and hold.

ASOS	ALBUQUERQUE CENTER	UNICOM
118.525	135.875 292.15	122.8 (CTAF) L







MIRL Rwys 3-21 and 12-30 L

CATEGORY	A	B	C	D
S-12	3500-1	498 (500-1)	3500-1¼ 498 (500-1¼)	3500-1½ 498 (500-1½)
CIRCLING	3540-1	529 (600-1)	3540-1½ 529 (600-1½)	3760-2½ 749 (800-2½)

FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 17

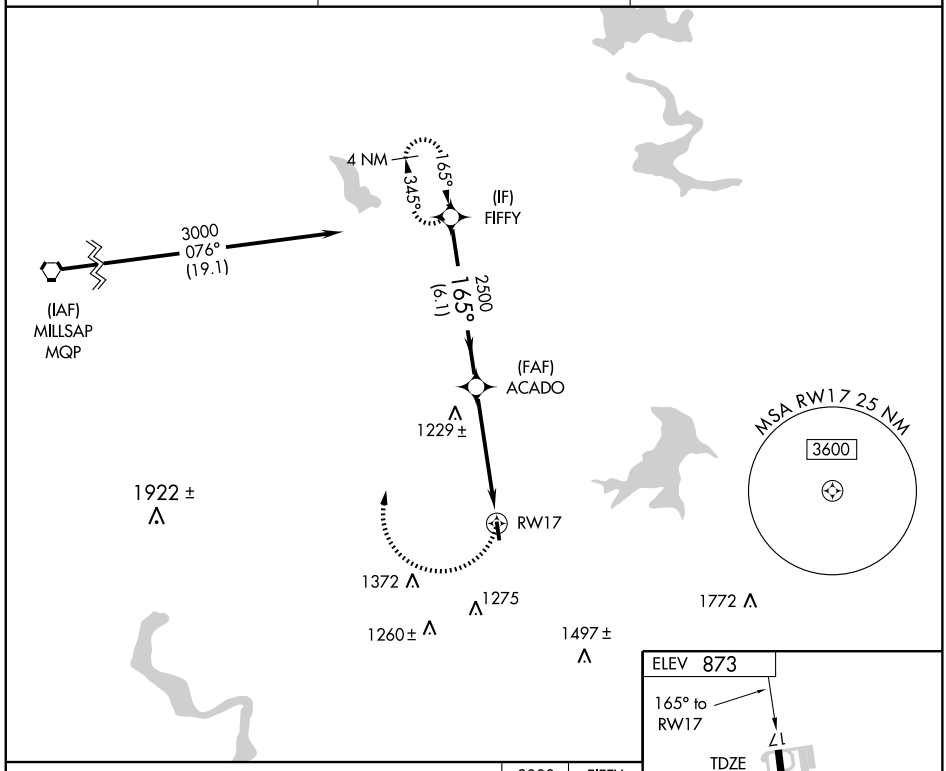
FORT WORTH/BOURLAND FIELD (5ØF)

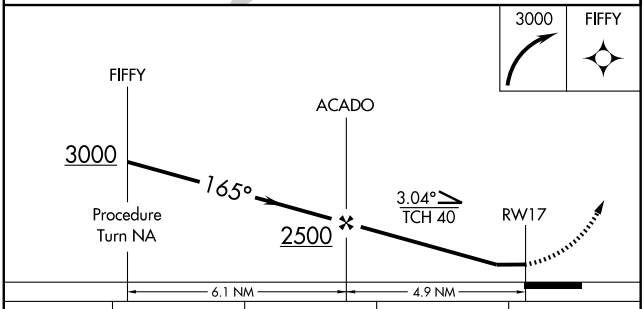
APP CRS	Rwy Idg	3700
165°	TDZE	873
	Apt Elev	873

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Cleburne altimeter setting, when not received, use Fort Worth Meacham Intl altimeter setting and increase all MDA 40 feet, increase LNAV and circling Cat C visibility ¼ mile.

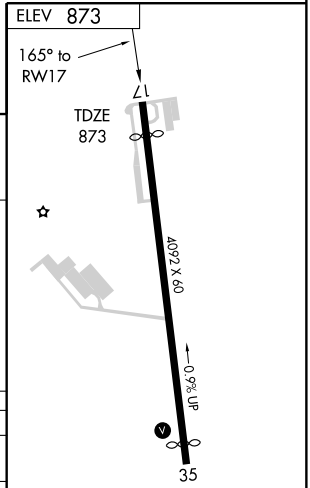
MISSED APPROACH: Climbing right turn to 3000 direct FIFFY and hold.

CLEBURNE AWOS-3	REGIONAL APP CON	UNICOM
119.525	135.975 379.9	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1520-1	647 (700-1)	1520-1¾ 647 (700-1¾)	NA
CIRCLING	1580-1	707 (800-1)	1600-2 727 (800-2)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 35

FORT WORTH/BOURLAND FIELD (5ØF)

APP CRS	Rwy Idg	TDZE	Apt Elev
345°	3832	866	873

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Cleburne altimeter setting, when not received use Fort Worth Meacham Intl altimeter setting and increase all MDA 40 feet and increase circling Cat B and C visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct FIFFY and hold.

CLEBURNE AWOS-3	REGIONAL APP CON	UNICOM
119.525	135.975 379.9	123.0 (CTAF)

MISSED APCH FIX

4 NM 165° 345° FIFFY

1922±

RW35

1372

1275

1260±

1269±

1497±

1772

(FAF) IKITY

345° (6.1) 2500

(IF) ADAXY

3000 326° (7.7)

(IAF) KNEAD

MSA RW35 25 NM 3600

GLEN ROSE JEN

3000 064° (21.2)

Procedure NA for arrivals at GLEN ROSE VORTAC via V18-94 westbound.

ELEV 873

17

4092 X 60

0.9% UP

TDZE 866

35

345° to RW35

MIRL Rwy 17-35 (L)

3000 FIFFY

VGSI and descent angles not coincident.

IKITY ADAXY

3000

345°

RW35 3.04° TCH 40

2500

Procedure Turn NA

5 NM 6.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1560-1	694 (700-1)	1560-2 694 (700-2)	NA
CIRCLING	1580-1	707 (800-1)	1600-2 727 (800-2)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC JEN 115.0 Chan 97	APP CRS 024°	Rwy Idg N/A TDZE N/A Apt Elev 873

VOR/DME-A

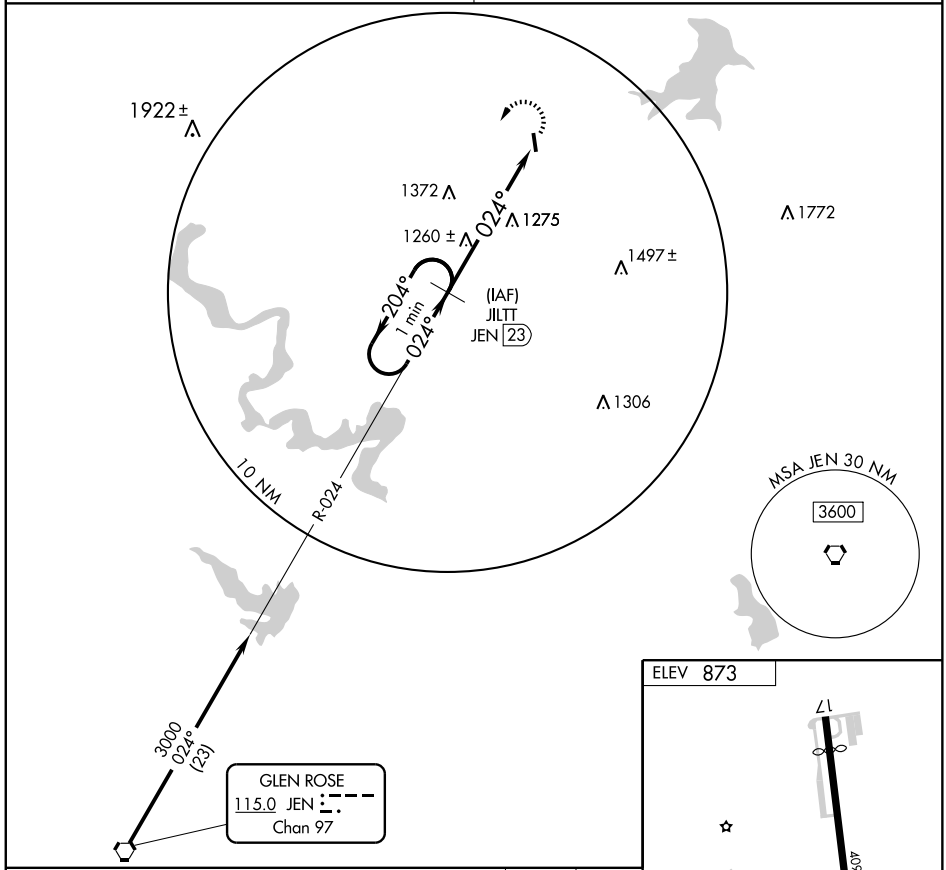
FORT WORTH/BOURLAND FIELD (50F)

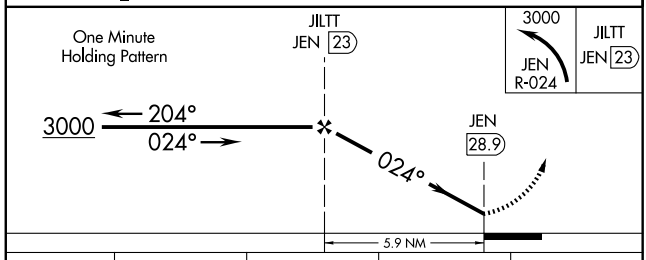
NA

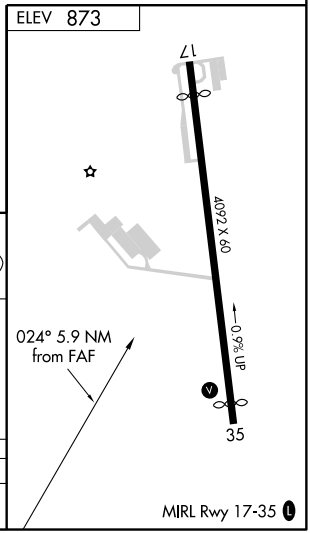
Use Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climbing left turn to 3000 via JEN R-024 to JILTT 23 DME and hold.

REGIONAL APP CON	UNICOM
135.975 379.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1740-1 870 (900-1)	1740-1¼ 870 (900-1¼)	1740-2½ 870 (900-2½)	NA

MIRL Rwy 17-35 L

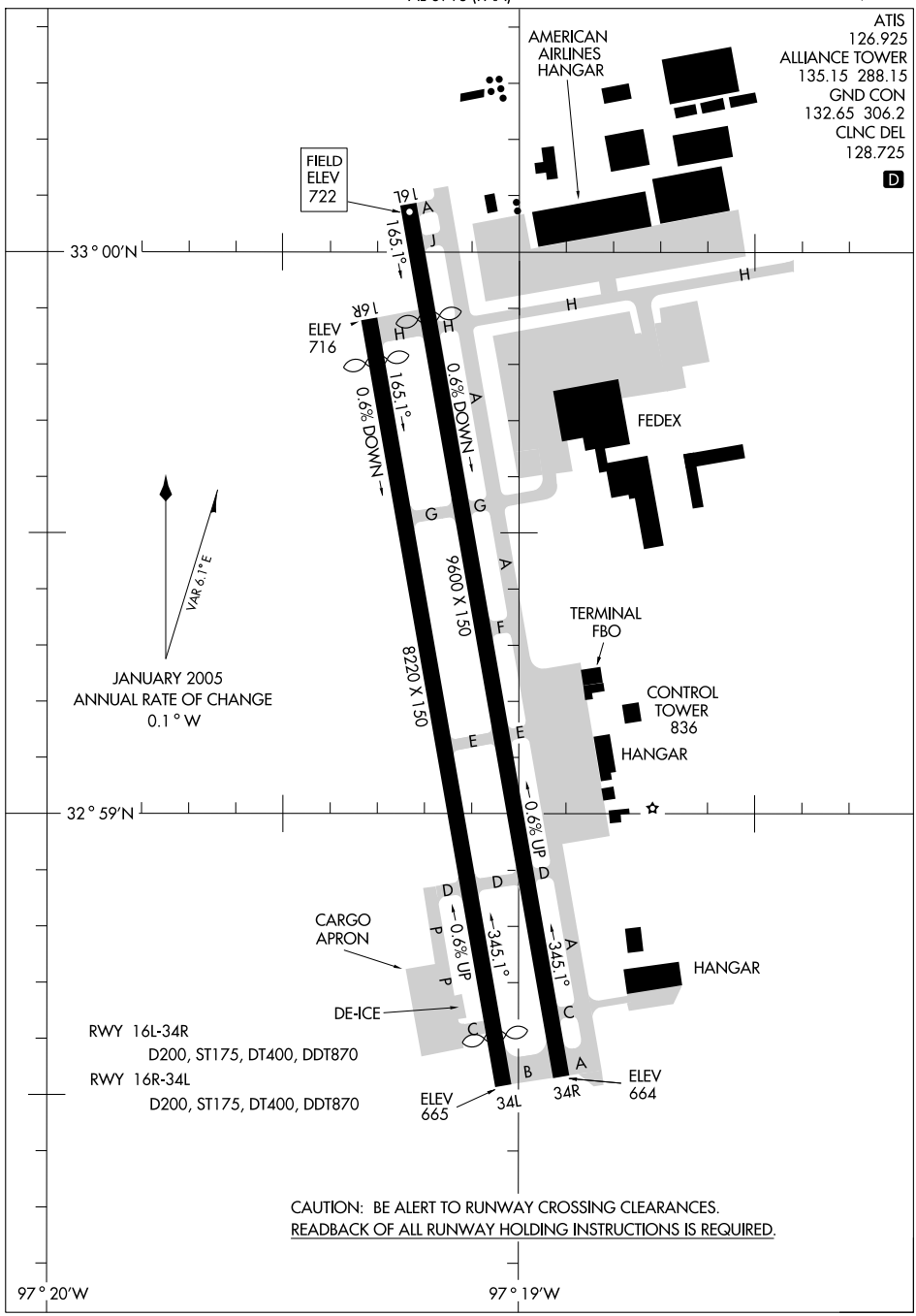
SC-2, 17 DEC 2009 to 14 JAN 2010

09071

AIRPORT DIAGRAM

AL-6918 (FAA)

FORT WORTH ALLIANCE (AFW)
FORT WORTH, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

ATIS 126.925
CLNC DEL
128.725
GND CON
132.65 306.2
ALLIANCE TOWER
135.15 288.15
REGIONAL DEP CON
118.1 306.95

TAKE-OFF MINIMUMS:
All runways standard.

NOTE: For Jets requesting FL180 and above.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66'-W92°10.83'
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83'-W90°16.64'
L-18, H-6

EL DORADO
115.5 ELD
Chan 102
N33°15.37'-W92°44.64'
L-17, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

BONHAM
114.6 BYP
Chan 93

QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6

MERIDIAN
117.0 MEI
Chan 117
N32°22.71'-W88°48.26
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28'-W93°48.60'
L-17, H-6

SAWMILL
113.75 SWB
Chan 84
N31°58.39'
W92°40.63'
L-22, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

GREGG COUNTY
112.3 GGG
Chan 70

ORTRO
N33°41.47'
W94°12.75'

COBUG
N33°17.38'
W95°37.68'

NOBLY
N33°04.94'
W96°19.96'

TRISS
N32°58.20'
W96°19.94'

SOLDO
N32°51.92'
W96°19.94'
L-17

SHERO
N33°04.49'
W95°33.78'

SHRLY
N32°44.60'
W94°18.17'

CLARE
N32°45.66'
W96°19.93'

POTEN
N32°39.33'
W95°40.03'

TEKBE
N32°42.80'
W94°47.73'

055° (117) R-235
064° (75) FL230
R-320
151
R-244
064° (79) 6500
R-324
5000 (38) 76
R-184
R-182
064° (38)
074° (36)
R-181
5000 (39) 76
R-312
5000 081° (49)
R-261
R-183
084° (36)
094° (36)
R-180
6000 (34)
14000 072° (134)
R-187
R-254
FL200 077° (125)
R-262
FL200 097° (206)
R-281
094
10000 079° (44)
(25) R-259 (25)
71
R-346
14000 111° (116)
R-291
N

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

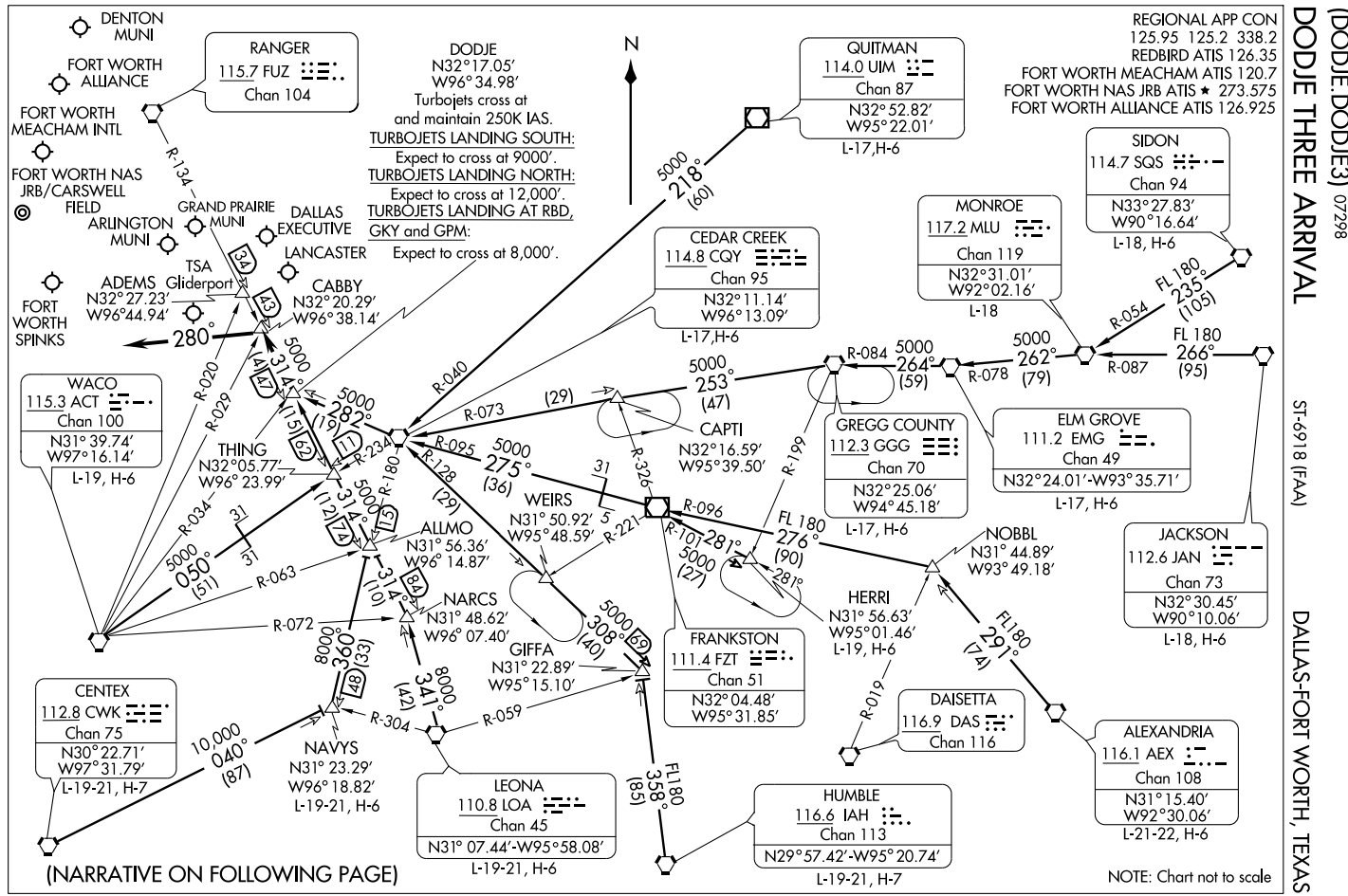
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

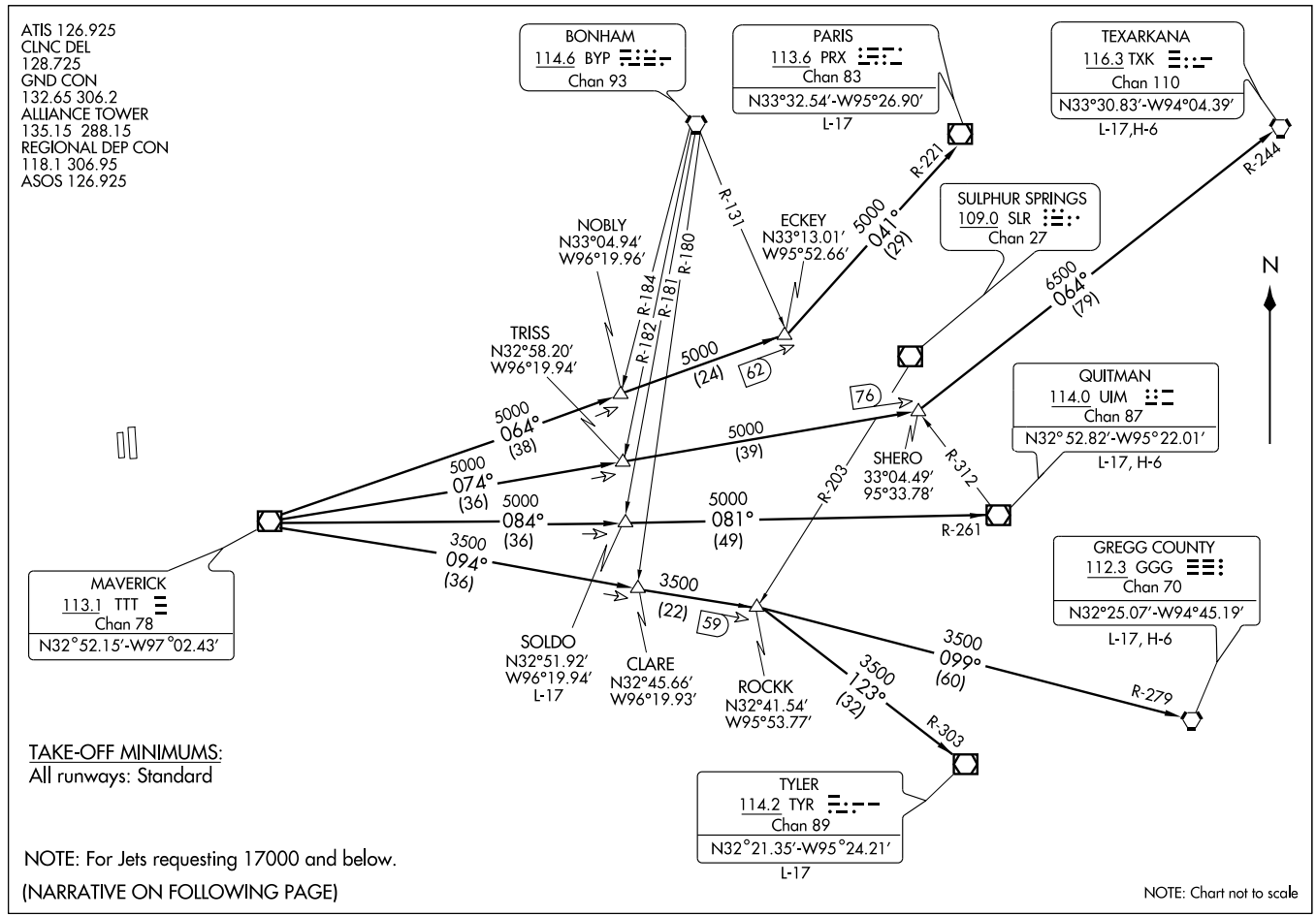
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 09351

GARLAND THREE DEPARTURE

SI-6918 (FAA)

FORT WORTH ALLIANCE (AFW)

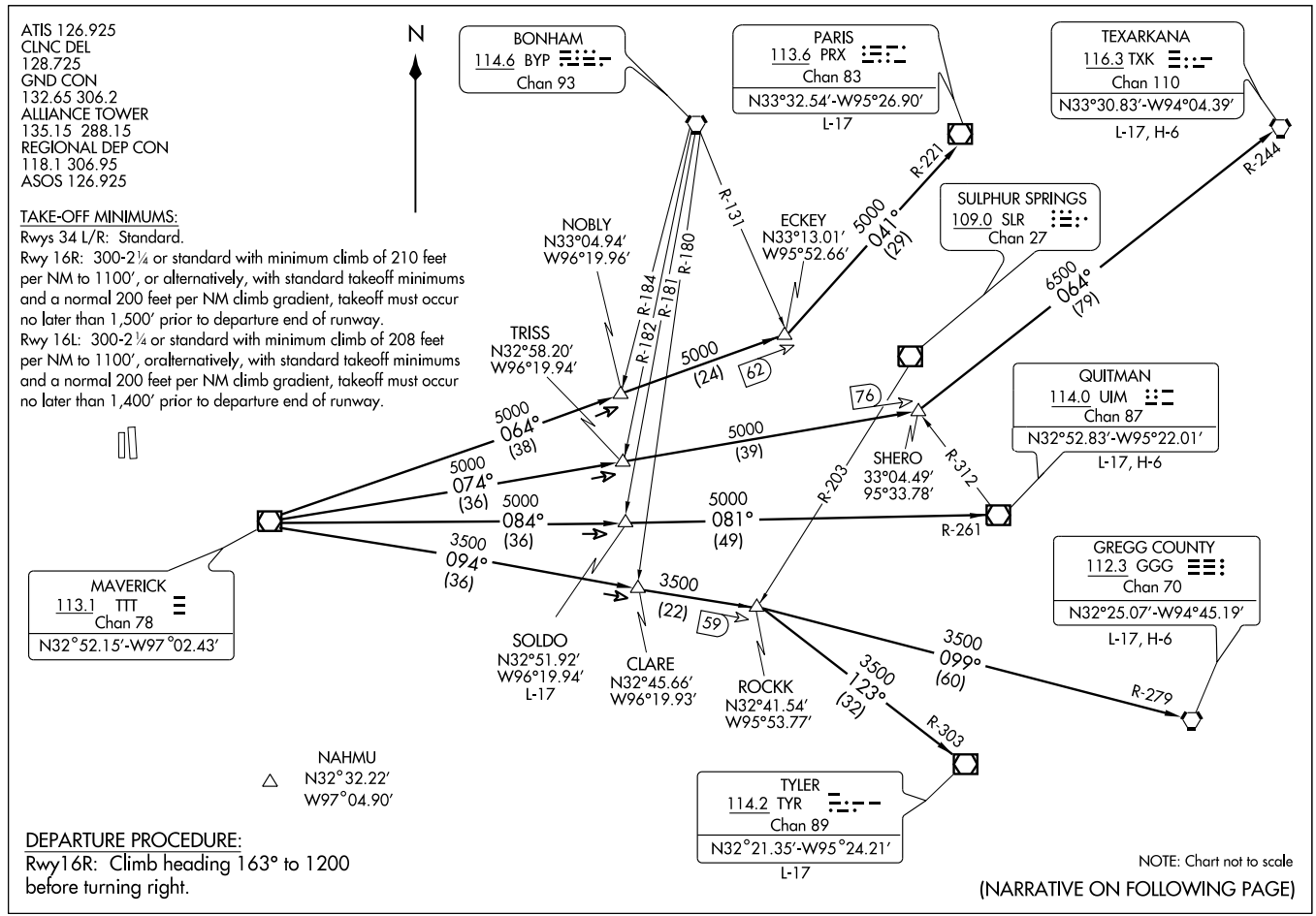
FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010


ATIS 126.925
CLNC DEL
128.725
GND CON
132.65 306.2
ALLIANCE TOWER
135.15 288.15
REGIONAL DEP CON
118.1 306.95
ASOS 126.925
TAKE-OFF MINIMUMS:
Rwys 34 L/R: Standard.
Rwy 16R: 300-2¼ or standard with minimum climb of 210 feet per NM to 1100′, or alternatively, with standard takeoff minimums and a normal 200 feet per NM climb gradient, takeoff must occur no later than 1,500′ prior to departure end of runway.
Rwy 16L: 300-2¼ or standard with minimum climb of 208 feet per NM to 1100′, oralternatively, with standard takeoff minimums and a normal 200 feet per NM climb gradient, takeoff must occur no later than 1,400′ prior to departure end of runway.
N
BONHAM
114.6 BYP
Chan 93
PARIS
113.6 PRX
Chan 83
N33°32.54′-W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′-W94°04.39′
L-17, H-6
SULPHUR SPRINGS
109.0 SLR
Chan 27
NOBLY
N33°04.94′
W96°19.96′
ECKEY
N33°13.01′
W95°52.66′
TRISS
N32°58.20′
W96°19.94′
QUITMAN
114.0 UIM
Chan 87
N32°52.83′-W95°22.01′
L-17, H-6
SHERO
33°04.49′
95°33.78′
MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07′-W94°45.19′
L-17, H-6
SOLDO
N32°51.92′
W96°19.94′
L-17
CLARE
N32°45.66′
W96°19.93′
ROCKK
N32°41.54′
W95°53.77′
NAHMU
N32°32.22′
W97°04.90′
TYLER
114.2 TYR
Chan 89
N32°21.35′-W95°24.21′
L-17
R-131
R-180
R-181
R-182
R-184
R-221
R-244
R-203
R-312
R-261
R-279
R-303
5000
041°
(29)
5000
(24)
62
6500
064°
(79)
76
5000
064°
(38)
5000
(39)
5000
074°
(36)
5000
084°
(36)
5000
081°
(49)
3500
094°
(36)
3500
(22)
59
3500
099°
(60)
3500
123°
(32)
DEPARTURE PROCEDURE:
Rwy16R: Climb heading 163° to 1200 before turning right.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 16R:
Fence 4' from departure end of runway, 250' right of centerline, 12'AGL/669' MSL.
Water tower 1.8 NM from departure end of runway, 2,521' right of centerline, 148' AGL/MSL. Tower 1.5 NM south of departure end of runway, 4,138' right of centerline, 203' AGL/1,002' MSL.
Rwy 16L:
Light pole 1,285' from departure end of runway, 689' left of centerline, 48' AGL/697' MSL.
Water tower 1.8 NM from departure end of runway, 3,122' right of centerline, 148' AGL/954' MSL.
Rwy 34L:
Fence 8' from departure end of runway, 250' left of centerline, 6' AGL/719' MSL.
Railroad 421' from departure end of runway, 409' left of centerline, 23' AGL/738' MSL.
Rwy 34R:
Antenna 218' from departure end of runway, 146' left of centerline, 28' AGL/728' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

FORT WORTH, TEXAS

AL-6918 (FAA)

LOC I-UPE	APP CRS	Rwy 16L Idg	8210	Rwy 16R Idg	7118
110.15	163°	TDZE	715	TDZE	714
Chan 38 (Y)		Apt Elev	722	Apt Elev	722

ILS or LOC RWY 16L

FORT WORTH ALLIANCE (AFW)

Circling not authorized east of runway 16L-34R.
For inperative ALSF-2, increase S-ILS-16L Cat E visibility to RVR 4000, increase S-LOC-16L Cat E visibility to 1½.

ALSF2 Rwy 16L

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 via heading 330° and FUZ VORTAC R-303 to OBLON Int/FUZ 24 DME and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

DME or RADAR REQUIRED

IAF BOWIE 112.4 UKW Chan 71

4000 126° (31.6)

343°

OBLON FUZ 24

1487

123° 303° R-033

117.7 MQP Chan 124

R-303

ARGUE UKW 31.6 I-UPE 12.5 /RADAR

163° (6) 2400

WIGZU I-UPE 6.5 /RADAR

MSA FUZ 25 NM

2700

3500

050° 310°

10 NM

993 MM

843

IM

LOCALIZER 110.15 I-UPE Chan 38 (Y)

958 877 1049

1039

1049±

RANGER 115.7 FUZ Chan 104

SC-2, 17 DEC 2009 to 14 JAN 2010

ELEV 722 D

163° 5 NM from FAF

729 TDZE 715

19L 19R

840

0.6% DOWN

9600 X 150

8220 X 150

TDZE 714

836

0.6% UP

34L 34R

TDZ/CL Rwys 16L-34R
HIRL Rwy 16L-34R
REIL Rwys 16R and 34L
MIRL Rwy 16R-34L

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

ARGUE UKW 31.6 I-UPE 12.5 /RADAR

WIGZU I-UPE 6.5 /RADAR

4000

Procedure Turn NA

GS 3.00° TCH 58

163°

2400

2400

MM

I-UPE 1.4

IM

6 NM 4.5 NM 0.4 0.1

1200	3000	OBLON
	HDG 330° FUZ R-303	FUZ 24

CATEGORY	A	B	C	D	E
S-ILS 16L	915/18 200 (200-½)				
S-LOC 16L	1120/24 405 (400-½)		1120/40 405 (400-¾)		1120/50 405 (400-1)
CIRCLING	1200-1 478 (500-1)	1260-1 538 (600-1)	1320-1½ 598 (600-1½)	1380-2 658 (700-2)	1380-2¼ 658 (700-2¼)
SIDESTEP 16R	1120-1 406 (400-1)		1120-1½ 406 (400-1½)	1120-2 406 (400-2)	1120-2¼ 406 (400-2¼)

FORT WORTH, TEXAS AL-6918 (FAA)

LOC I-JVX	APP CRS				
110.15	343°	Rwy 34R ldg	8516	Rwy 34L ldg	8220
Chan 38 (Y)		TDZE	681	TDZE	686
		Apt Elev	722	Apt Elev	722

ILS or LOC RWY 34R
FORT WORTH ALLIANCE (AFW)

T Circling NA east of runway 16L-34R. Inoperative table does not apply to S-ILS 34R, all Cats. For inoperative
A MALSR, increase S-LOC 34R Cats A and B to RVR 5000, Cat E visibility to 1½.

MALSR Rwy 34R

MISSED APPROACH: Climb to 1200, then climbing left turn to 3000 via heading 210° and FUZ VORTAC R-303 to OBLON Int/FUZ 24 DME and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

RADAR REQUIRED

1487
123°
303°
R-033
OBLON
FUZ 24
R-303
117.7 MQP
Chan 124
993
843
LOCALIZER 110.15
I-JVX
Chan 38 (Y)
958
877
1049
1039
1049±
RANGER
115.7 FUZ
Chan 104
MSA FUZ 25 NM
2700
3500
050°
310°
ERPIF INT
I-JVX 4.8
2300
(6)
343°
(IAF)
UCCOL
I-JVX 10.8
163°
10 NM

ELEV 722 D

729
840
836
16L
16R
0.6% DOWN
8220 X 150
9000 X 150
0.6% UP
TDZE 686
TDZE 681
34L
34R
343°
4.9 NM from FAF
TDZ/CL Rwys 16L-34R
HIRL Rwy 16L-34R
REIL Rwys 16R and 34L
MIRL Rwy 16R-34L

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

1200 | 3000 HDG 210° FUZ R-303 | OBLON FUZ 24

ERPIF I-JVX 4.8
2300
343°
2300
UCCOL I-JVX 10.8
3000
GS 3.00°
TCH 47
4.9 NM
6 NM

CATEGORY	A	B	C	D	E
S-ILS 34R	881/40 200 (200-¾)				
S-LOC 34R	1140/40 459 (500-¾)			1140/50 459 (500-1)	
CIRCLING	1200-1 478 (500-1)	1260-1 538 (600-1)	1320-1½ 598 (600-1½)	1380-2 658 (700-2)	1380-2¼ 658 (700-2¼)
SIDESTEP 34L	1140-1 459 (500-1)		1140-1½ 459 (500-1½)	1140-2 459 (500-2)	1140-2¼ 459 (500-2¼)

SC-2, 17 DEC 2009 to 14 JAN 2010

FORT WORTH, TEXAS

AL-6918 (FAA)

ILS RWY 16L (CAT II)

FORT WORTH ALLIANCE (AFW)

LOC I-UPE	APP CRS	Rwy Idg	8210
110.15	163°	TDZE	715
Chan 38 (Y)		Apt Elev	722

Circling not authorized east of runway 16L-34R.

ALSF2

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 via heading 330° and FUZ VORTAC R-303 to OBLON Int/FUZ 24 DME and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

DME or RADAR REQUIRED

IAF BOWIE
112.4 UKW
Chan 71

4000
126°
(31.6)

343°

OBLON
FUZ 24

1487

123°
303°

R-033

117.7 MQP
Chan 124

R-303

ARGUE
UKW 31.6
I-UPE 12.5 /RADAR

163°
(6)
2400

WIGZU
I-UPE 6.5 /RADAR

MSA FUZ 25 NM
2700
3500
050°
310°

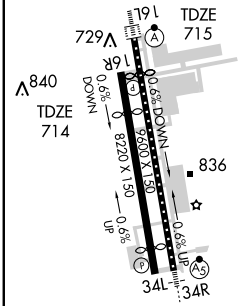
10 NM

993
MM
843
IM
958
877
1049
1039
1049 ±

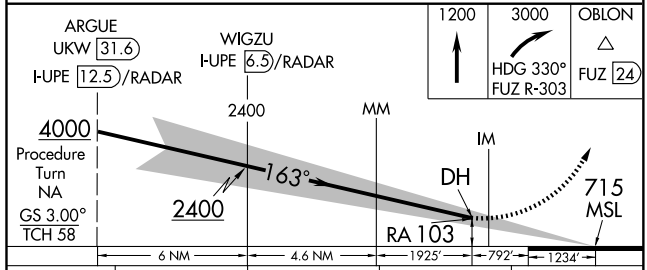
LOCALIZER 110.15
I-UPE
Chan 38 (Y)

RANGER
115.7 FUZ
Chan 104

ELEV 722 D



TDZ/CL Rwys
16L-34R
HIRL Rwy 16L-34R
REIL Rwys 16R and 34L
MIRL Rwy 16R-34L



CATEGORY	A	B	C	D
S-ILS 16L	RA 103/12 100 DA 815			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-2, 17 DEC 2009 to 14 JAN 2010

FORT WORTH, TEXAS

AL-6918 (FAA)

ILS RWY 16L (CAT III)

FORT WORTH ALLIANCE (AFW)

LOC I-UPE	APP CRS	Rwy Idg	8210
110.15	163°	TDZE	715
Chan 38 (Y)		Apt Elev	722

Circling not authorized east of runway 16L-34R.

ALSF2

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 via heading 330° and FUZ VORTAC R-303 to OBLON Int/FUZ 24 DME and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

DME or RADAR REQUIRED

IAF
BOWIE
112.4 UKW
Chan 71

4000
126°
(31.6)

343°

OBLON
FUZ 24

1487

123°
303°

R-033
117.7 MQP
Chan 124

R-303

ARGUE
UKW 31.6
I-UPE 12.5/RADAR

163°
(6)
2400

WIGZU
I-UPE 6.5/RADAR

993
843
MM
IM

LOCALIZER 110.15
I-UPE
Chan 38 (Y)

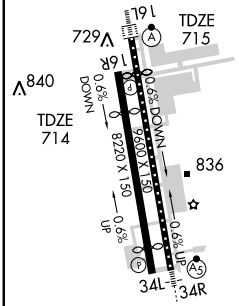
MSA FUZ 25 NM
2700
050°
310°
3500

10 NM

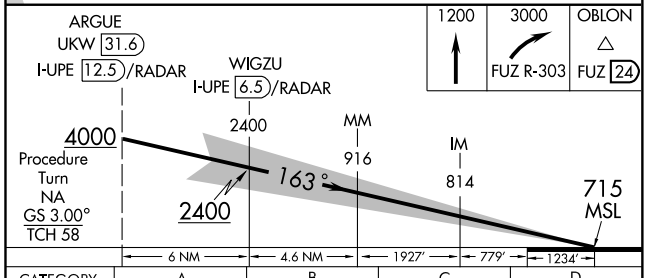
958
877
1049
1039
1049 ±

RANGER
115.7 FUZ
Chan 104

ELEV 722 D



TDZ/CL Rwys
16L-34R
HIRL Rwy 16L-34R
REIL Rwys 16R and 34L
MIRL Rwy 16R-34L



CATEGORY	A	B	C	D
S-ILS 16L	CAT IIIa RVR 07			
S-ILS 16L	CAT IIIb RVR 06			
S-ILS 16L	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

SL-6918 (FAA)

FORT WORTH ALLIANCE (AFW)

FORT WORTH, TEXAS

TAKE-OFF MINIMUMS:

Rwys 34L, 34R: Standard.

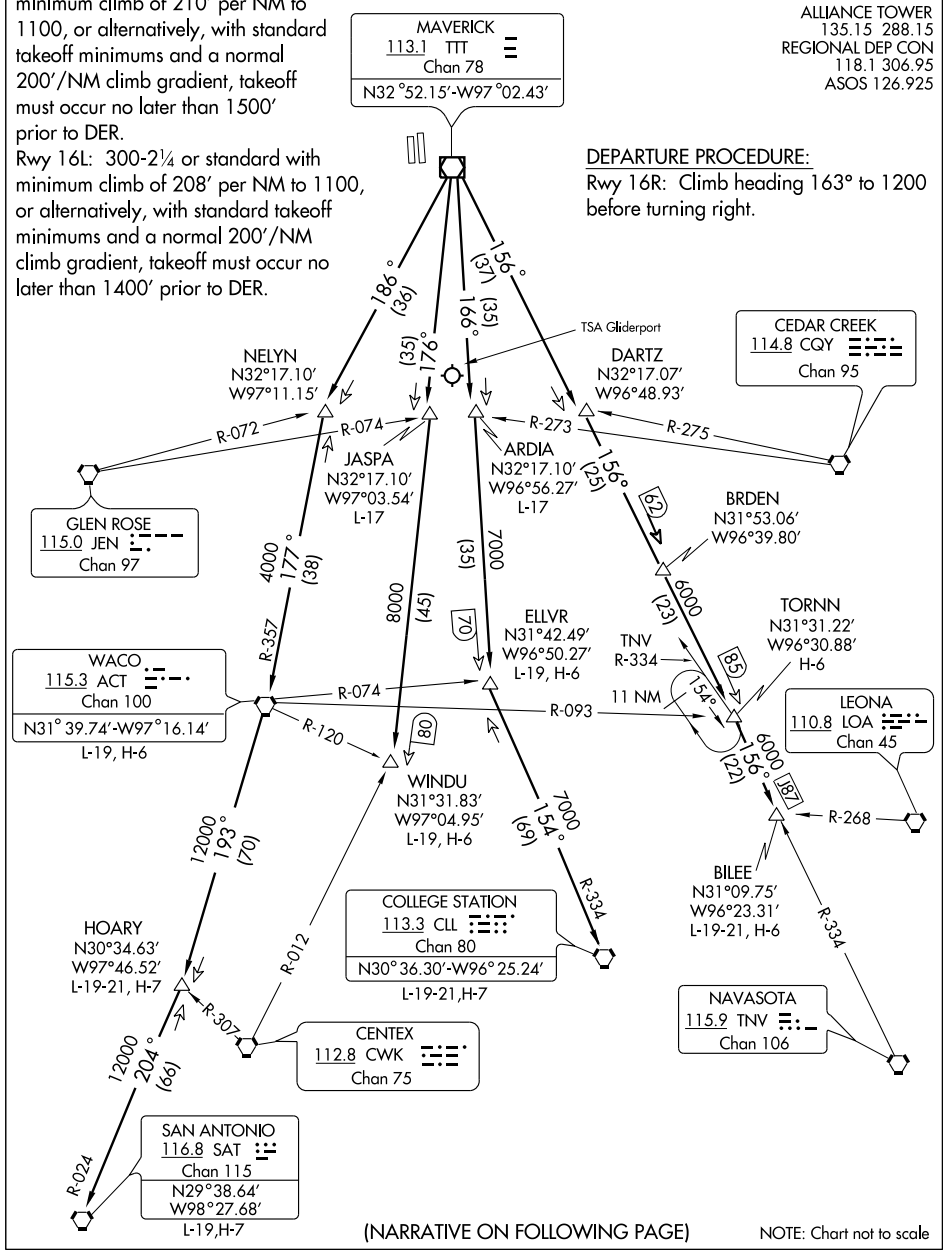
Rwy 16R: 300-2¼ or standard with minimum climb of 210′ per NM to 1100, or alternatively, with standard takeoff minimums and a normal 200′/NM climb gradient, takeoff must occur no later than 1500′ prior to DER.

Rwy 16L: 300-2¼ or standard with minimum climb of 208′ per NM to 1100, or alternatively, with standard takeoff minimums and a normal 200′/NM climb gradient, takeoff must occur no later than 1400′ prior to DER.

ATIS 126.925
CLNC DEL 128.725
GND CON 132.65 306.2
ALLIANCE TOWER 135.15 288.15
REGIONAL DEP CON 118.1 306.95
ASOS 126.925

DEPARTURE PROCEDURE:

Rwy 16R: Climb heading 163° to 1200 before turning right.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

TAKE-OFF OBSTACLES:

Rwy 16R: Fence 4′ from DER, 250′ right of centerline, 12′AGL/669′ MSL.
Water tower 1.8 NM from DER, 2521′ right of centerline, 148′ AGL/954′ MSL.
Tower 1.5 NM south of DER, 4138′ right of centerline, 203′ AGL/1002′ MSL.
Rwy 16L: Light pole 1285′ from DER, 689′ left of centerline, 48′ AGL/697′ MSL.
Water tower 1.8 NM from DER, 3122′ right of centerline, 148′ AGL/954′ MSL.
Rwy 34R: Antenna 218′ from DER, 146′ left of centerline, 28′ AGL/728′ MSL.
Rwy 34L: Fence 8′ from DER, 250′ left of centerline, 6′ AGL/719′ MSL.
Railroad 421′ from DER, 409′ left of centerline, 23′ AGL/738′ MSL.

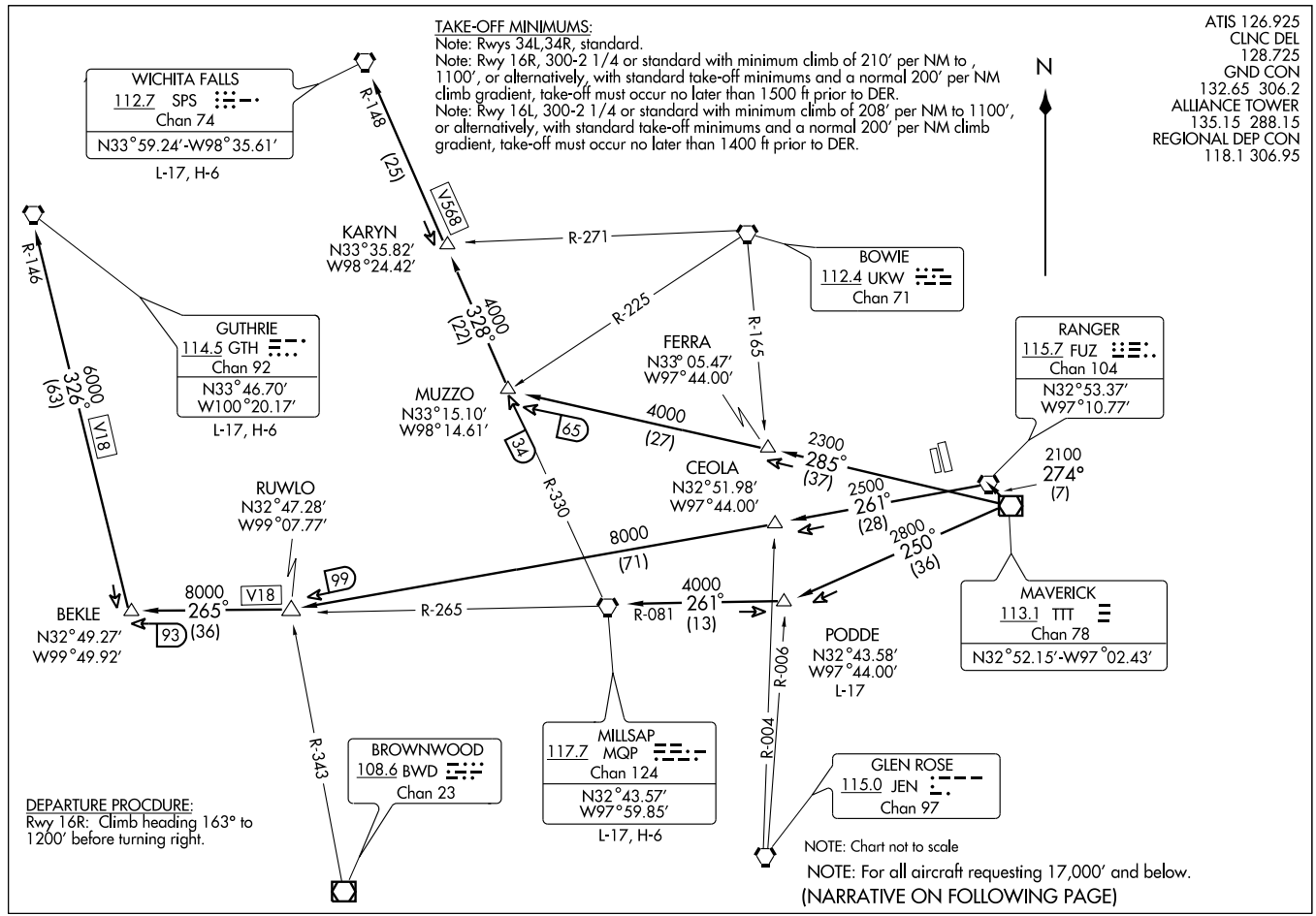
SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

SI-6918 (FAA)

FORT WORTH ALLIANCE (AFW)

FORT WORTH, TEXAS



DEPARTURE ROUTE DESCRIPTION

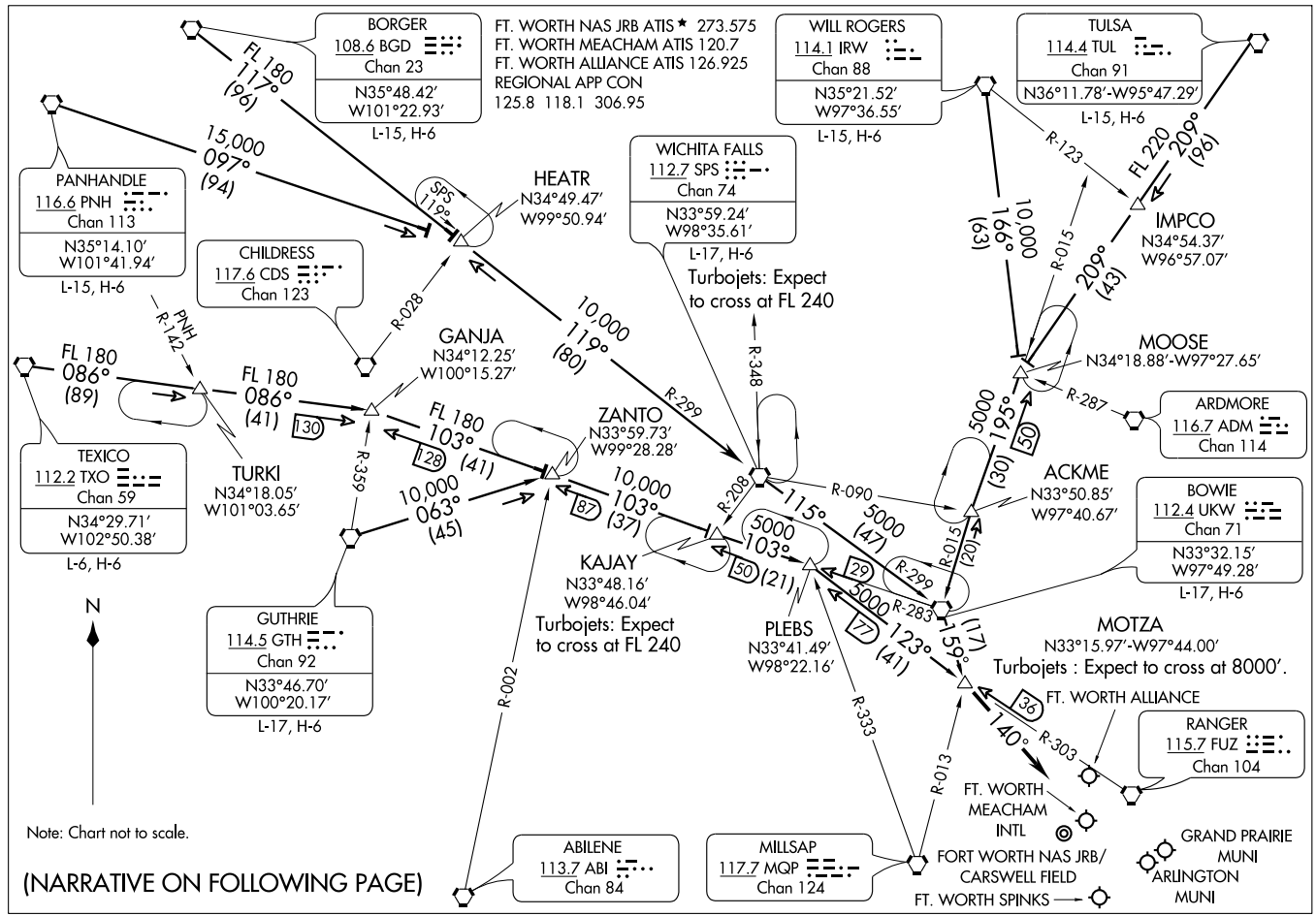
When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF OBSTACLES

Note: Rwy 16L, Light pole 1285′ from DER, 689′ left of centerline, 48′ AGL/697′ MSL. Water tower 1.8 NM from DER, 3122′ right of cenrerline, 148′ AGL/954′ MSL.
Note: Rwy 16R, Fence 4′ from DER, 250′ right of centerline, 12 AGL/669′ MSL. Water tower 1.8 NM from DER, 2521′ right of centerline, 148′ AGL/954′ MSL. Tower 1.5 NM south of DER, 4138′ right of centerline, 203′ AGL/1002′ MSL.
Note: Rwy 34L, fence 8′ from DER, 250′ left of centerline, 6′ AGL/719′ MSL. Railroad 421′ from DER, 409′ left of centerline, 23′ AGL/738′ MSL.
Note: Rwy 34R, Antenna 218′ from DER, 146′ left of centerline, 28′ AGL/728′MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

FORT WORTH, TEXAS

AL-6918 (FAA)

RNAV (GPS) RWY 16L

FORT WORTH ALLIANCE (AFW)

APP CRS	Rwy Idg	8210
163°	TDZE	715
	Apt Elev	722

DME/DME RNP-0.3 NA. GPS or RNP-0.3 REQUIRED. For inoperative ALSF2, increase LNAV/VNAV Cat E visibility to 1½. For inoperative ALSF2, increase LNAV Cat D visibility to 1¼ and Cat E to 1½. Circling not authorized east of runway 16L-34R. BARO-VNAV NA below -16°C (4°F).

NA

ALSF2

MISSED APPROACH: Climb to 3000 direct RISIE WP, direct FIGES WP and via 332° track to OBLON WP and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

Procedure NA for arrival on UKW VORTAC airway radials 078 CW 196.
Procedure NA for arrival on MQP VORTAC airway radials 337 CW 096.

BOWIE
UKW
4000
137°
(27.7)
1487
(IAF)
RAVYA
3000
075°
(7.1)
ARGUE
2400
163°
(6)
122°
302°
4 NM
OBLON
332°
(6.6)
4000 to RAVYA
037°
(36.4)
(FAF)
WIGZU
FIGES
MILLSAP
MQP
993
843
RW16L
855±
RISIE
958
1039
877
1049
1049 ±
MSA RW16L 25 NM
4000

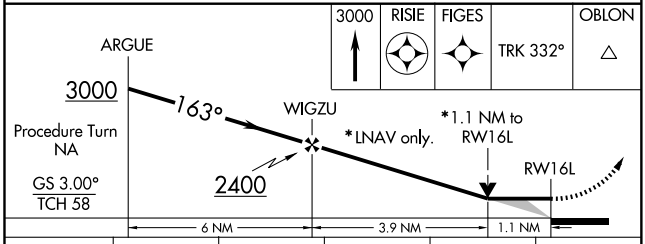
SC-2, 17 DEC 2009 to 14 JAN 2010

ELEV 722 D

163° to RW16L

TDZE 715
191
729
840
16R
0.6% DOWN
9300 X 150
8220 X 150
836
0.6% UP
34L
34R

TDZ/CL Rwys 16L-34R
HIRL Rwy 16L-34R
REIL Rwys 16R and 34L
MIRL Rwy 16R-34L



CATEGORY	A	B	C	D	E
GLS DA	NA				
LNAV/VNAV DA	1120-1 405 (400-1)				
LNAV MDA	1120/24 405 (400-½)		1120/40 405 (400-¾)	1120/50 405 (400-1)	
CIRCLING	1200-1½ 478 (500-1½)	1260-1½ 538 (600-1½)	1320-1½ 598 (600-1½)	1380-2 658 (700-2)	1380-2¼ 658 (700-2¼)

RNAV (GPS) RWY 34R

FORT WORTH ALLIANCE (AFW)

APP CRS	Rwy Idg	TDZE	Apt Elev
343°	8516	681	722

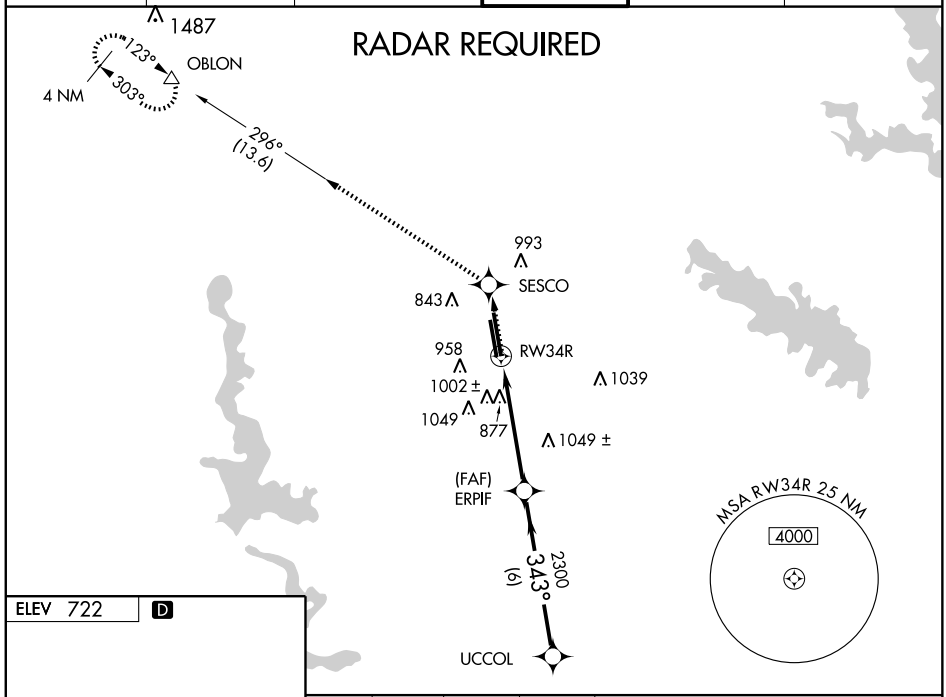
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. For inoperative MALSR, increase LNAV Cat A and B visibility to RVR 5000, and Cat E to 2 miles. For inoperative MALSR, increase LNAV/VNAV Cat E visibility to 2¾. When VGSI inoperative circling Rwy 34L not authorized at night. Circling not authorized east of runway 16L-34R. BARO-VNAV NA below -16°C (4°F).

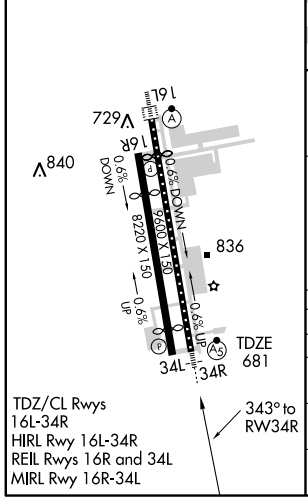
NA

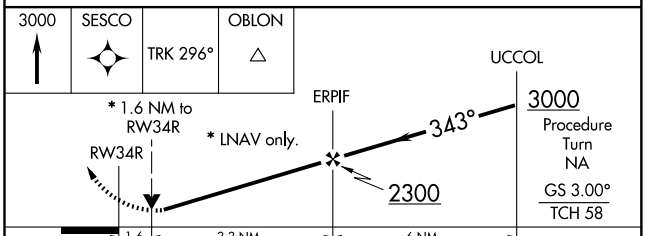
MALSR

MISSED APPROACH: Climb to 3000 direct SESCO WP and via 296° track to OBLON WP and hold.

ATIS	ASOS	REGIONAL APP CON	ALLIANCE TOWER	GND CON	CLNC DEL
126.925	126.925	118.1 306.95	135.15 288.15	132.65 306.2	128.725

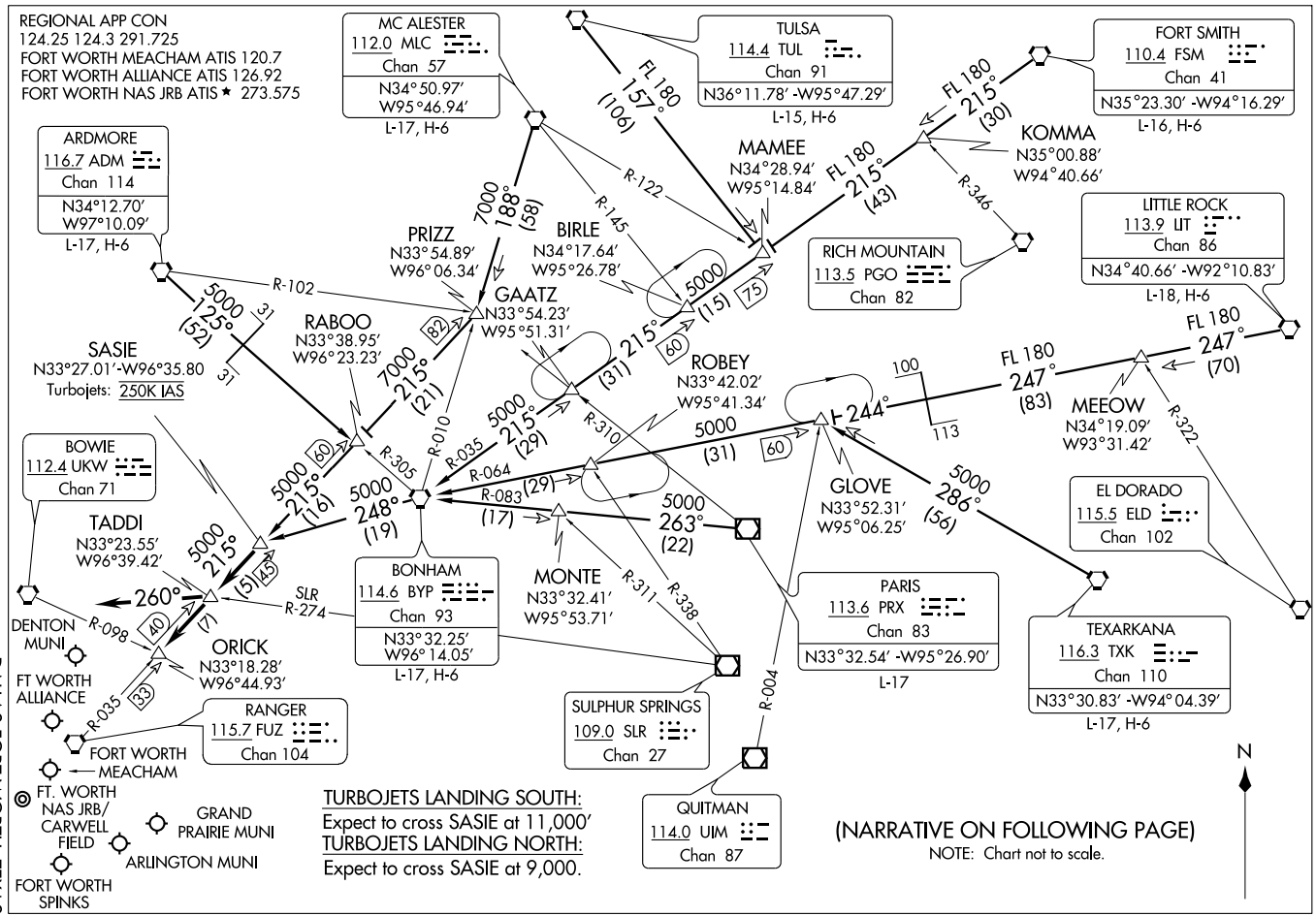






CATEGORY	A	B	C	D	E
GLS DA	NA				
LNAV/VNAV DA	1420-2¼ 739 (700-2¼)				
LNAV MDA	1240/40 559 (600-¾)		1240/50 559 (600-1)	1240/60 559 (600-1¼)	1240-1½ 559 (600-1½)
CIRCLING	1240-2¾ 518 (600-2¾)	1260-2¾ 538 (600-2¾)	1320-2¾ 598 (600-2¾)	1380-2¾ 658 (700-2¾)	

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

ARRIVAL DESCRIPTION

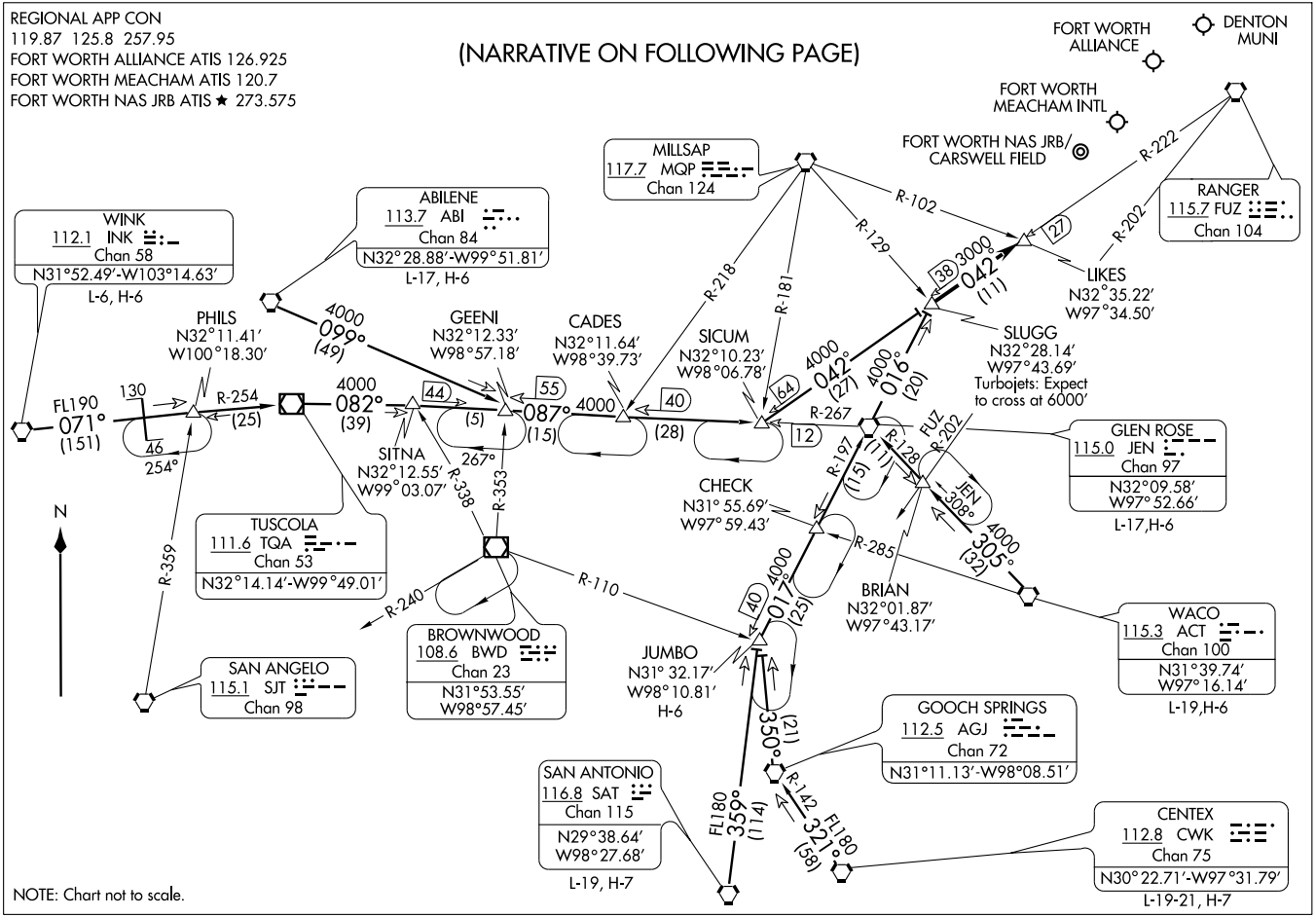
ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

SLUGG SIX ARRIVAL

REGIONAL APP CON
119.87 125.8 257.95
FORT WORTH ALLIANCE ATIS 126.925
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575

(NARRATIVE ON FOLLOWING PAGE)



ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.SLUGG6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

CENTEX TRANSITION (CWK.SLUGG6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.SLUGG6): From over JEN VORTAC via JEN R-016 to SLUGG INT. Thence . . . .

JUMBO TRANSITION (JUMBO.SLUGG6): From over JUMBO INT via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.SLUGG6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WACO TRANSITION (ACT.SLUGG6): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WINK TRANSITION (INK.SLUGG6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

. . . . From over SLUGG INT, via FUZ R-222 to LIKES INT. Expect vectors to final approach course.

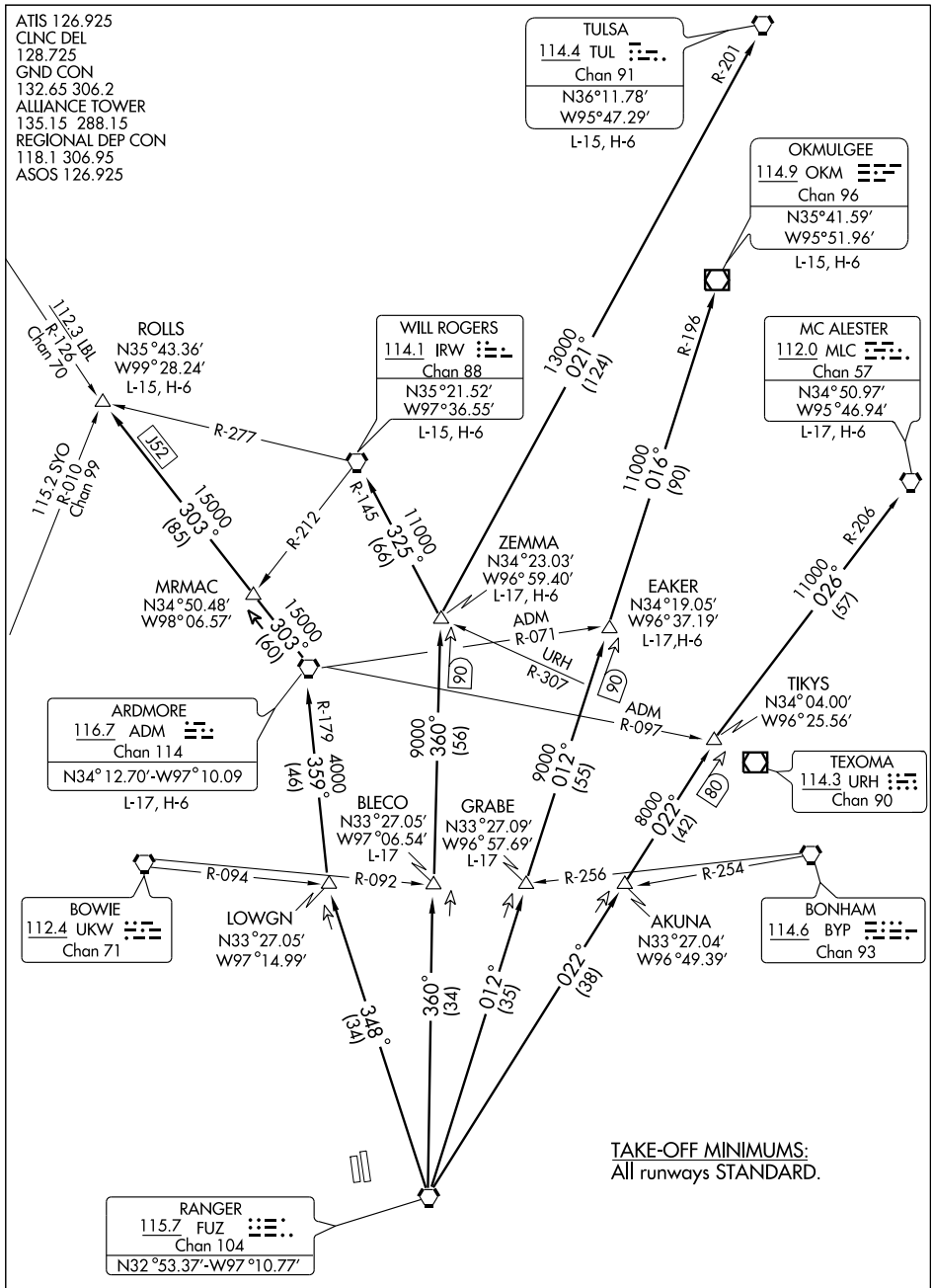
SC-2, 17 DEC 2009 to 14 JAN 2010

(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-6918 (FAA)

FORT WORTH ALLIANCE (AFW)
FORT WORTH, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

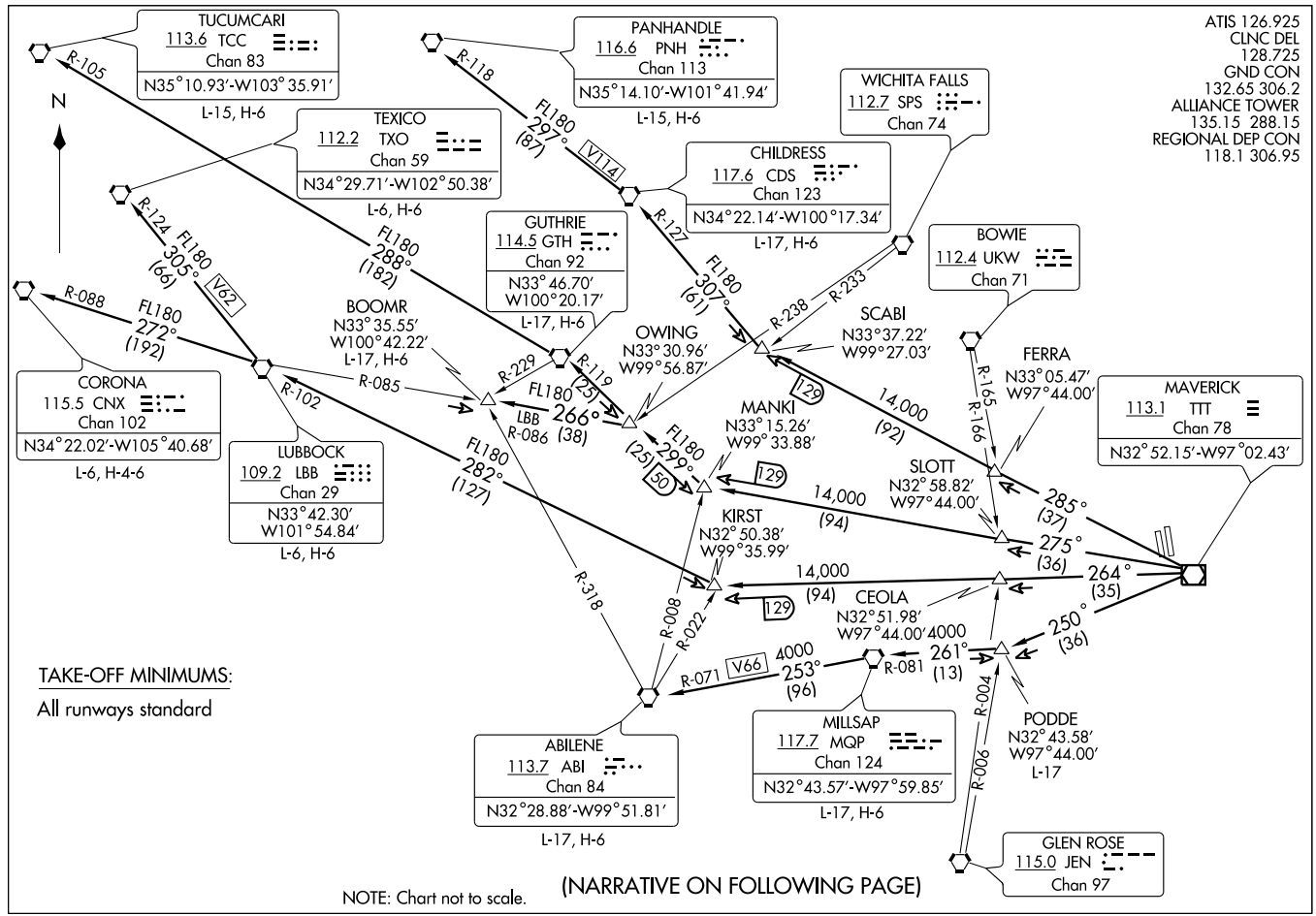
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010



(WORTH5.1)1 08269

WORTH FIVE DEPARTURE

SL-6918 (FAA)

FORT WORTH ALLIANCE (AFW)

FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

WYLIE FIVE DEPARTURE

ATIS 126.925
CLNC DEL
128.725
GND CON
132.65 306.2
ALLIANCE TOWER
135.15 288.15
REGIONAL DEP CON
118.1 306.95

DEPARTURE PROCEDURE:
Rwy 16R: climb heading 163° to 1200 before turning right.

TAKE-OFF MINIMUMS:
Rwys 34L/R: Standard
Rwy 16R: 300-2¼ or standard with minimum climb of 210 ft per NM to 1100, or alternatively, with standard takeoff minimums and a normal 200 ft/NM climb gradient, takeoff must occur no later than 1500 ft prior to departure end of runway.
Rwy 16L: 300-2¼ or standard with minimum climb of 208 ft per NM to 1100, or alternatively, with standard takeoff minimums and a normal 200 ft/NM climb gradient, takeoff must occur no later than 1400 ft prior to departure end of runway.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66'-W92°10.83'
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.40'
L-17, H-6

EL DORADO
115.5 ELD
Chan 102
N33°15.37'-W92°44.64'
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83'-W90°16.64'
L-18, H-6

QUITMAN
114.0 UIM
Chan 87
N32°52.83'-W95°22.01'
L-17, H-6

MERIDIAN
117.0 MEI
Chan 117
N32°22.71'-W88°48.26'
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28'-W93°48.60'
L-17, H-6

SAWMILL
113.75 SWB
Chan 84 (Y)
N31°58.39'-W92°40.63'
L-22, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

BONHAM
114.6 BYP
Chan 93

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

GREGG COUNTY
112.3 GGG
Chan 70

ORTRO
N33°41.47'
W94°12.75'

COBUG
N33°17.38'
W95°37.68'

NOBLY
N33°04.94'
W96°19.96'

TRISS
N32°58.20'
W96°19.94'

SHERO
N33°04.49'
W95°33.78'

SOLDO
N32°51.92'
W96°19.94'
L-17

SHRLY
N32°44.60'
W94°18.17'

CLARE
N32°45.66'
W96°19.93'

POTEN
N32°39.33'
W95°40.03'

TEKBE
N32°42.80'
W94°47.73'

FL230 055° (117)
R-235
R-320
151
FL230 (75)
R-244
6500 064° (79)
R-187
FL200 077° (125)
R-262
14,000 072° (134)
R-254
FL200 097° (206)
R-281
5000 (38)
76
R-324
5000 064° (38)
R-184
R-182
5000 (39)
76
R-312
5000 074° (36)
R-181
5000 084° (36)
5000 094° (36)
R-180
5000 081° (49)
R-261
R-183
5000 (34)
71
94
9000 079° (44)
50
(25)
(25)
R-259
14,000 111° (116)
R-346
R-291

N

NOTE: For Props requesting FL240 and above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

WYLIE FIVE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitiude to appropriate route.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.

SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.

TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 16R, fence 4' from departure end of runway, 250' right of centerline, 12' AGL/669' MSL. Water tower 1.8 NM from departure end of runway, 2521' right of centerline, 148' AGL/954' MSL. Tower 1.5 NM south of departure end of runway, 4138' right of centerline, 203' AGL/1002' MSL.
Rwy 16L, light pole 1285' from departure end of runway, 689' left of centerline, 48' AGL/697' MSL. Water tower 1.8 NM from departure end of runway, 3122' right of centerline, 148' AGL/954' MSL.
Rwy 34R, antenna 218' from departure end of runway, 146' left of centerline, 28' AGL/728' MSL.
Rwy 34L, fence 8' from departure end of runway, 250' left of centerline, 6' AGL/719' MSL. Railroad 421' from departure end of runway, 409' left of centerline, 23' AGL/738' MSL.

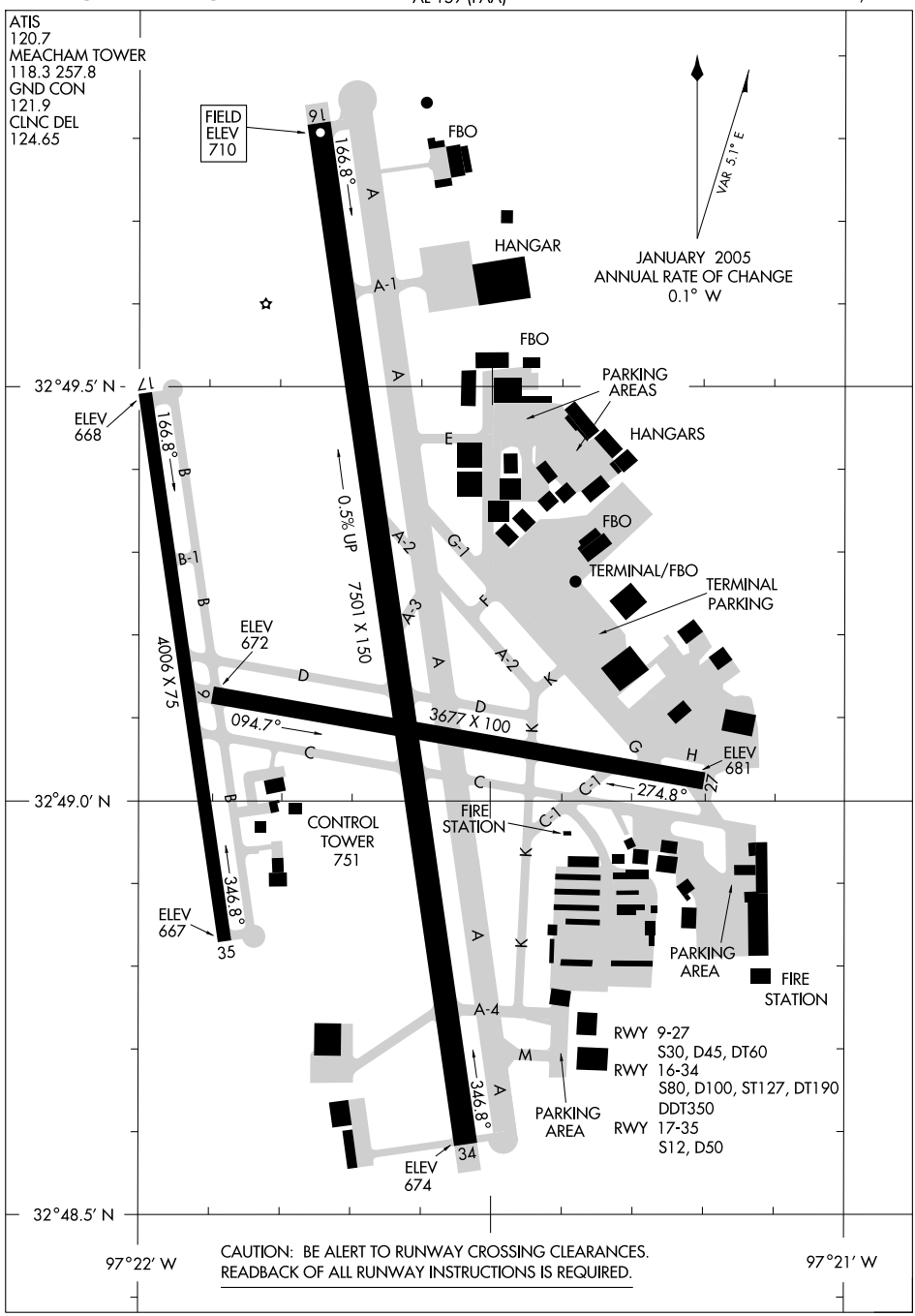
SC-2, 17 DEC 2009 to 14 JAN 2010

09351

AIRPORT DIAGRAM

AL-159 (FAA)

FORT WORTH MEACHAM INTL (FTW)
FORT WORTH, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

ATIS 120.7
CLNC DEL
124.65
GND CON 121.9
MEACHAM TOWER
118.3 257.8
REGIONAL
DEP CON
118.1 306.95 (North)
135.975 379.9 (South)

TAKE-OFF MINIMUMS: All runways standard.

DEPARTURE PROCEDURE:
Rwy 9: Climb via heading 091° to 2000 before proceeding on course.
Rwys 16, 17: Climb via heading 164° to 2000 before proceeding on course.

NOTE: For Jets requesting FL180 and above.

LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66'-W92°10.83'
L-18, H-6

TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6

SIDON
114.7 SQS
Chan 94
N33°27.83'-W90°16.64'
L-18, H-6

EL DORADO
115.5 ELD
Chan 102
N33°15.37'-W92°44.64'
L-17, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

BONHAM
114.6 BYP
Chan 93

QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6

MERIDIAN
117.0 MEI
Chan 117
N32°22.71'-W88°48.26
L-18, H-6

BELCHER
117.4 EIC
Chan 121
N32°46.28'-W93°48.60'
L-17, H-6

SAWMILL
113.75 SWB
Chan 84
N31°58.39'
W92°40.63'
L-22, H-6

GREGG COUNTY
112.3 GGG
Chan 70

MAVERICK
113.1 TTT
Chan 78
N32°52.15'
W97°02.43'

ORTRO
N33°41.47'
W94°12.75'

COBUG
N33°17.38'
W95°37.68'

NOBLY
N33°04.94'
W96°19.96'

TRISS
N32°58.20'
W96°19.94'

SHERO
N33°04.49'
W95°33.78'

SOLDO
N32°51.92'
W96°19.94'
L-17

SHRLY
N32°44.60'
W94°18.17'

CLARE
N32°45.66'
W96°19.93'

POTEN
N32°39.33'
W95°40.03'

TEKBE
N32°42.80'
W94°47.73'

055° (117) R-235
FL230 064° (75)
151
R-320
6500 064° (79)
R-244
5000 (38) 76
R-324
FL200 077° (125)
R-262
FL200 097° (206)
R-281
R-254
14000 072° (134)
R-312
R-184
R-182
R-181
R-180
5000 (39) 76
064° (38)
074° (36)
084° (36)
094° (36)
5000 081° (49)
R-261
R-183
R-187
6000 (34)
94 10000 079° (44)
(25) R-259 (25)
71
R-346
14000 111° (116)
R-291
N

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

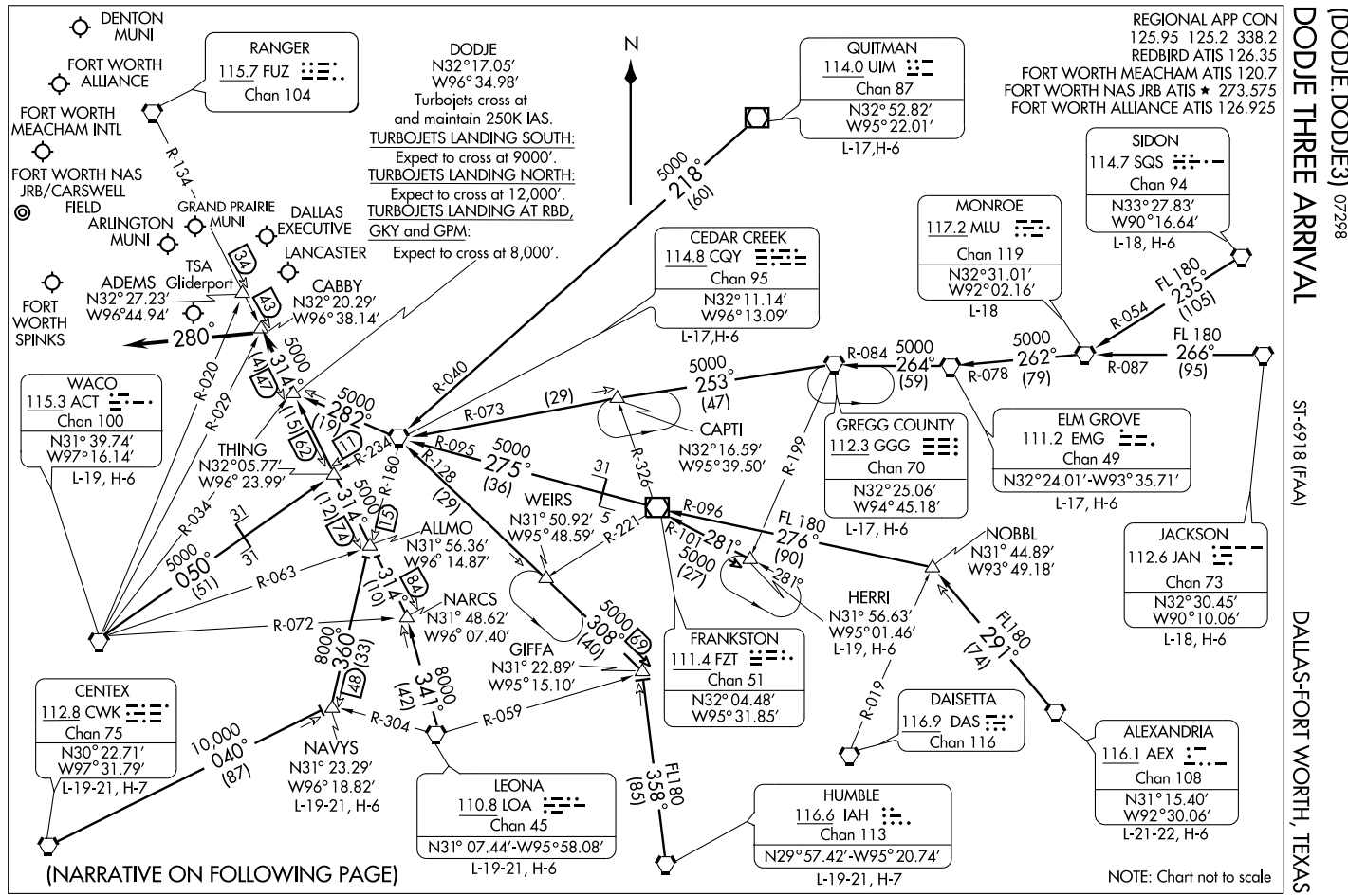
SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:

Rwy 34: Billboard 692′ from departure end of runway, 686′ right of centerline, 37′ AGL/739′ MSL.
Rwy 35: Tree 55′ from DER, 143′ left of centerline, 21′ AGL/681′ MSL.
Tree 567′ from DER, 225′ right of centerline, 36′ AGL/699′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

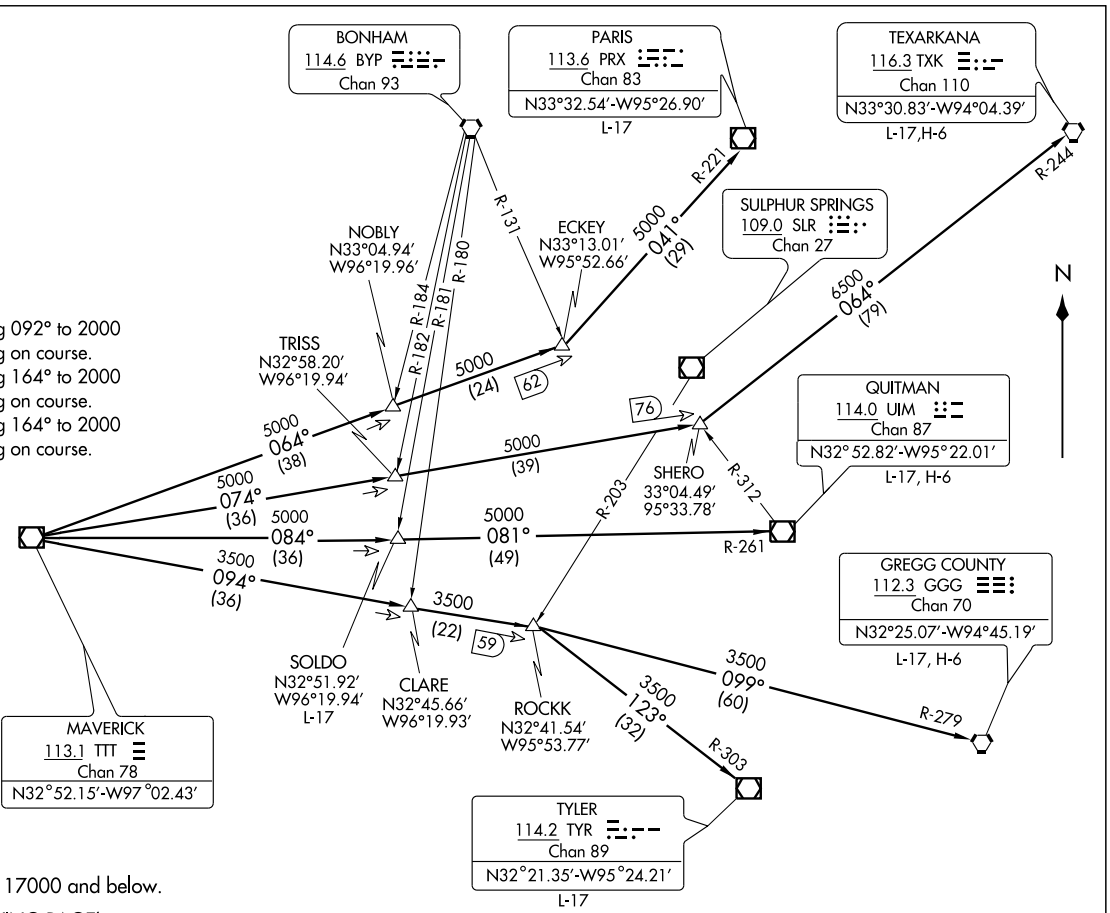
SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE

ATIS 120.7
CLNC DEL
124.65
GND CON 121.9
MEACHAM TOWER
118.3 257.8
REGIONAL DEP CON
118.1 306.95 (North)
135.975 379.9 (South)

TAKE-OFF MINIMUMS:
All Rwys standard.

DEPARTURE PROCEDURE:
Rwy 9: Climb via heading 092° to 2000 before proceeding on course.
Rwy 16: Climb via heading 164° to 2000 before proceeding on course.
Rwy 17: Climb via heading 164° to 2000 before proceeding on course.



NOTE: For Jets requesting 17000 and below.
(NARRATIVE ON FOLLOWING PAGE)

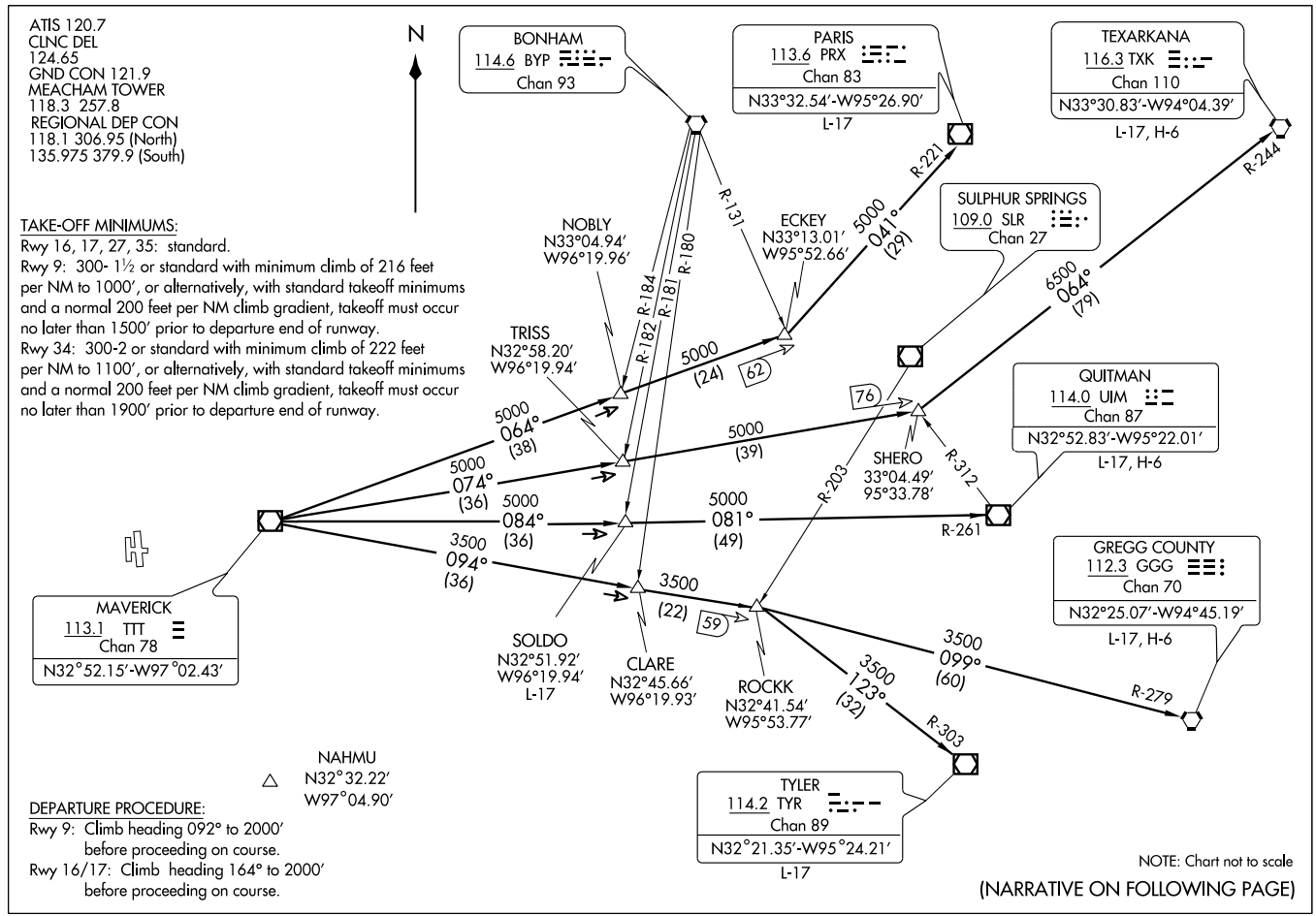
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 35: Tree 55' from DER, 143' left of centerline, 21' AGL/681' MSL.
Tree 567' from DER, 225' right of centerline, 36' AGL/699' MSL.
Rwy 34: Billboard 692' right of centerline, 37' AGL/739' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


ATIS 120.7
CLNC DEL
124.65
GND CON 121.9
MEACHAM TOWER
118.3 257.8
REGIONAL DEP CON
118.1 306.95 (North)
135.975 379.9 (South)
N
BONHAM
114.6 BYP
Chan 93
PARIS
113.6 PRX
Chan 83
N33°32.54'-W95°26.90'
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
N32°52.83'-W95°22.01'
L-17, H-6
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'-W94°45.19'
L-17, H-6
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
TYLER
114.2 TYR
Chan 89
N32°21.35'-W95°24.21'
L-17
NOBLY
N33°04.94'
W96°19.96'
ECKEY
N33°13.01'
W95°52.66'
TRISS
N32°58.20'
W96°19.94'
SHERO
33°04.49'
95°33.78'
SOLDO
N32°51.92'
W96°19.94'
L-17
CLARE
N32°45.66'
W96°19.93'
ROCKK
N32°41.54'
W95°53.77'
NAHMU
N32°32.22'
W97°04.90'
R-131
R-180
R-184
R-181
R-182
R-221
R-244
R-203
R-312
R-261
R-279
R-303
5000
041°
(29)
6500
064°
(79)
5000
(24)
62
5000
064°
(38)
5000
(39)
76
5000
074°
(36)
5000
084°
(36)
5000
081°
(49)
3500
094°
(36)
3500
(22)
59
3500
099°
(60)
3500
123°
(32)
TAKE-OFF MINIMUMS:
Rwy 16, 17, 27, 35: standard.
Rwy 9: 300- 1½ or standard with minimum climb of 216 feet per NM to 1000', or alternatively, with standard takeoff minimums and a normal 200 feet per NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway.
Rwy 34: 300-2 or standard with minimum climb of 222 feet per NM to 1100', or alternatively, with standard takeoff minimums and a normal 200 feet per NM climb gradient, takeoff must occur no later than 1900' prior to departure end of runway.
DEPARTURE PROCEDURE:
Rwy 9: Climb heading 092° to 2000' before proceeding on course.
Rwy 16/17: Climb heading 164° to 2000' before proceeding on course.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 9:
Windsock 293' from departure end of runway, 354' left of centerline, 51' AGL/721' MSL. Sign of building 481' from departure end of runway, 407' right of centerline, 39' AGL/702' MSL. Sign 2,448' from departure end of runway, 540' left of centerline, 75' AGL/742' MSL. Grain elevators beginning 7,085' from departure end of runway, 2,191' left of centerline, up to 229' AGL/877' MSL.
Rwy 27:
Tree 239' from departure end of runway, 492' left of centerline, 35' AGL/685' MSL.
Rwy 17:
Bush 13' from departure end of runway, 160' right of centerline, 21' AGL/674' MSL. Antenna 953' from departure end of runway, 394' left of centerline, 72' AGL/722' MSL. Hangar 1,380' from departure end of runway, 774' left of centerline, 43' AGL/703' MSL.
Rwy 34:
Multiple trees 974' from departure end of runway, 682' right of centerline, up to 47' AGL/746' MSL. Grain elevator 1.52 NM from departure end of runway, 2,775' right of centerline, 254' AGL/969' MSL.
Rwy 35:
Tree 1' from departure end of runway, 248' left of centerline, 40' AGL/690' MSL. Tree 567' from departure end of runway, 225' right of centerline, 45' AGL/699' MSL. Bush 55' from departure end of runway, 143' left of centerline, 21' AGL/681' MSL. OL on Dam 1,359' from departure end of runway, 1' right of centerline, 46' AGL/706' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-FTW	APP CRS	Rwy Idg	7501
109.9	164°	TDZE	710
Chan 36		Apt Elev	710

ILS or LOC RWY 16

FORT WORTH MEACHAM INTL (FTW)

* RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH : Climb to 1300 then climbing left turn to 2500 direct FT LOM and hold, continue climb-in-hold to 2500.

ATIS	REGIONAL APP CON	MEACHAM TOWER	GND CON	CLNC DEL
120.7	(North) 118.1 306.95 (South) 135.975 379.9	118.3 257.8	121.9	124.65

ADF REQUIRED

BOWIE
112.4 UKW
Chan 71

4000
(44.6)

344°
144°
209°
029°
164°

LOM / IAF
MUFIN
365 FT
I-FTW 5.3

MAVERICK
113.1 TTT
Chan 78

R-269

1049
990
949
908
902 ±
1027
884
1049
1198
1743

LOCALIZER 109.9
I-FTW
Chan 36

10 NM

MSA FT 25 NM
180°
2200
2800
270°
3600
360°

MUFIN LOM/INT
I-FTW 5.3

Remain within 10 NM

344°
164°
2400
2000
1992
GS 3.00°
TCH 57

1300	2500	FT
		365

I-FTW 3
I-FTW 1.5

2.3 NM
1.5 NM

ELEV 710

164° 3.8 NM from FAF

TDZE
710

91
17
4006 X 75
0.5% UP
3677
X 100
9
27
762
751
750 X 150
725
35
34
797

HIRL Rwy 16-34
MIRL Rwys 9-27 and 17-35
REIL Rwys 16 and 34

CATEGORY	A	B	C	D
S- ILS 16		* 910/24 200 (200-½)		
S- LOC 16	1240/24 530 (600-½)		1240/50 530 (600-1)	1240/60 530 (600-1¼)
CIRCLING	1260- 1 550 (600-1)		1280-1½ 570 (600-1½)	1300-2 590 (600-2)

FAF to MAP 3.8NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-UXT	APP CRS	Rwy Idg	7501
109.9	344°	TDZE	680
Chan 36		Apt Elev	710

ILS or LOC RWY 34

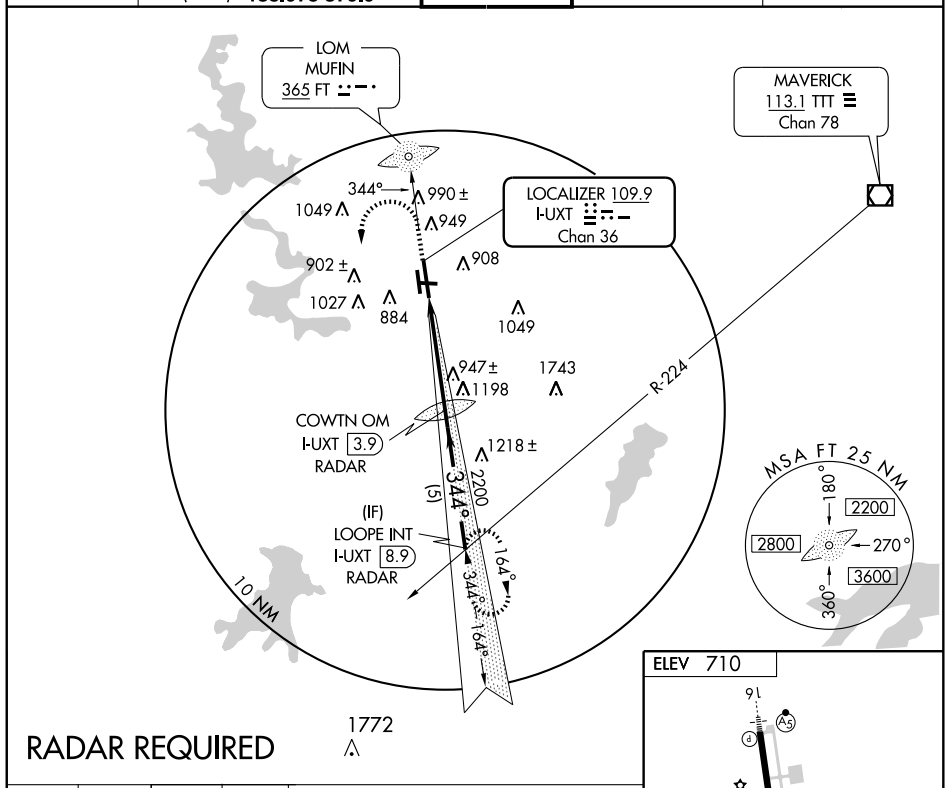
FORT WORTH MEACHAM INTL (FTW)

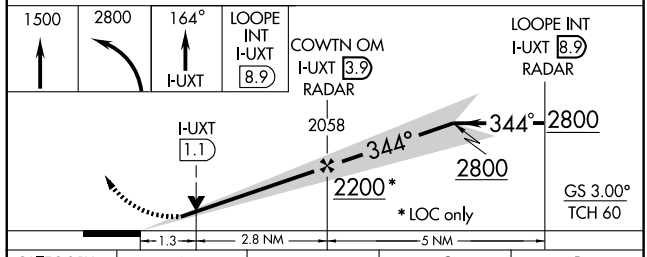
Inoperative table does not apply to S-LOC 34 Cat C.

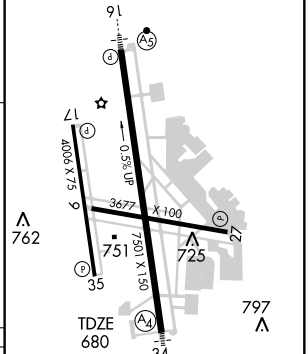
MALS

MISSED APPROACH : Climb to 1500, then climbing left turn to 2800 via I-UXT south course to LOOPE Int/ I-UXT 8.9 DME and hold.

ATIS	REGIONAL APP CON	MEACHAM TOWER	GND CON	CLNC DEL
120.7	(North) 118.1 306.95 (South) 135.975 379.9	118.3 257.8	121.9	124.65







CATEGORY	A	B	C	D
S- ILS 34	880-¾ 200 (200-¾)			
S-LOC 34	1200-¾ 520 (500-¾)		1200-1½ 520 (500-1½)	1200-1¾ 520 (500-1¾)
CIRCLING	1260-1 550 (600-1)		1280-1½ 570 (600-1½)	1300-2 590 (600-2)

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

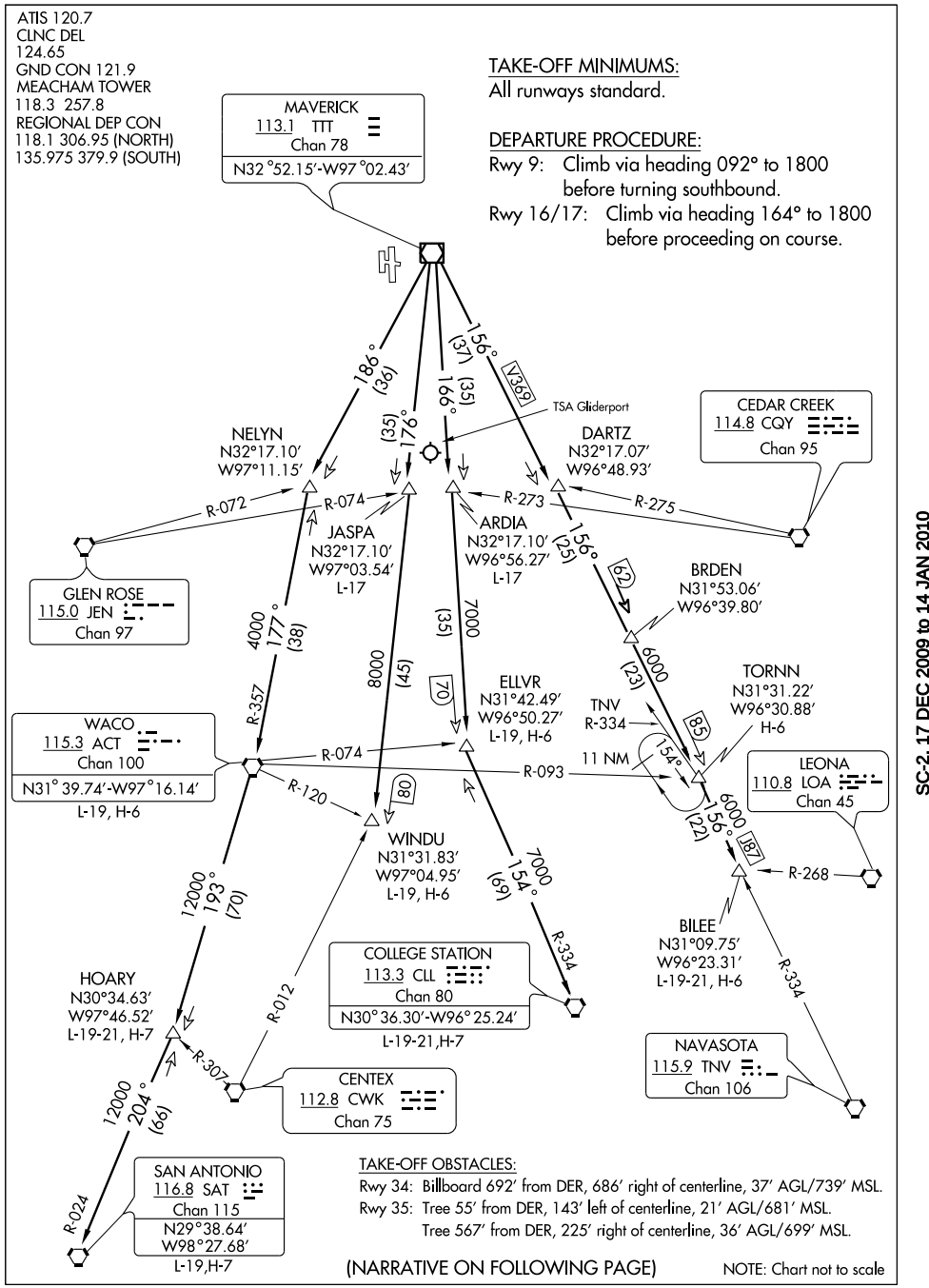
SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

SL-159 (FAA)

FORT WORTH MEACHAM INTL (FTW)

FORT WORTH, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

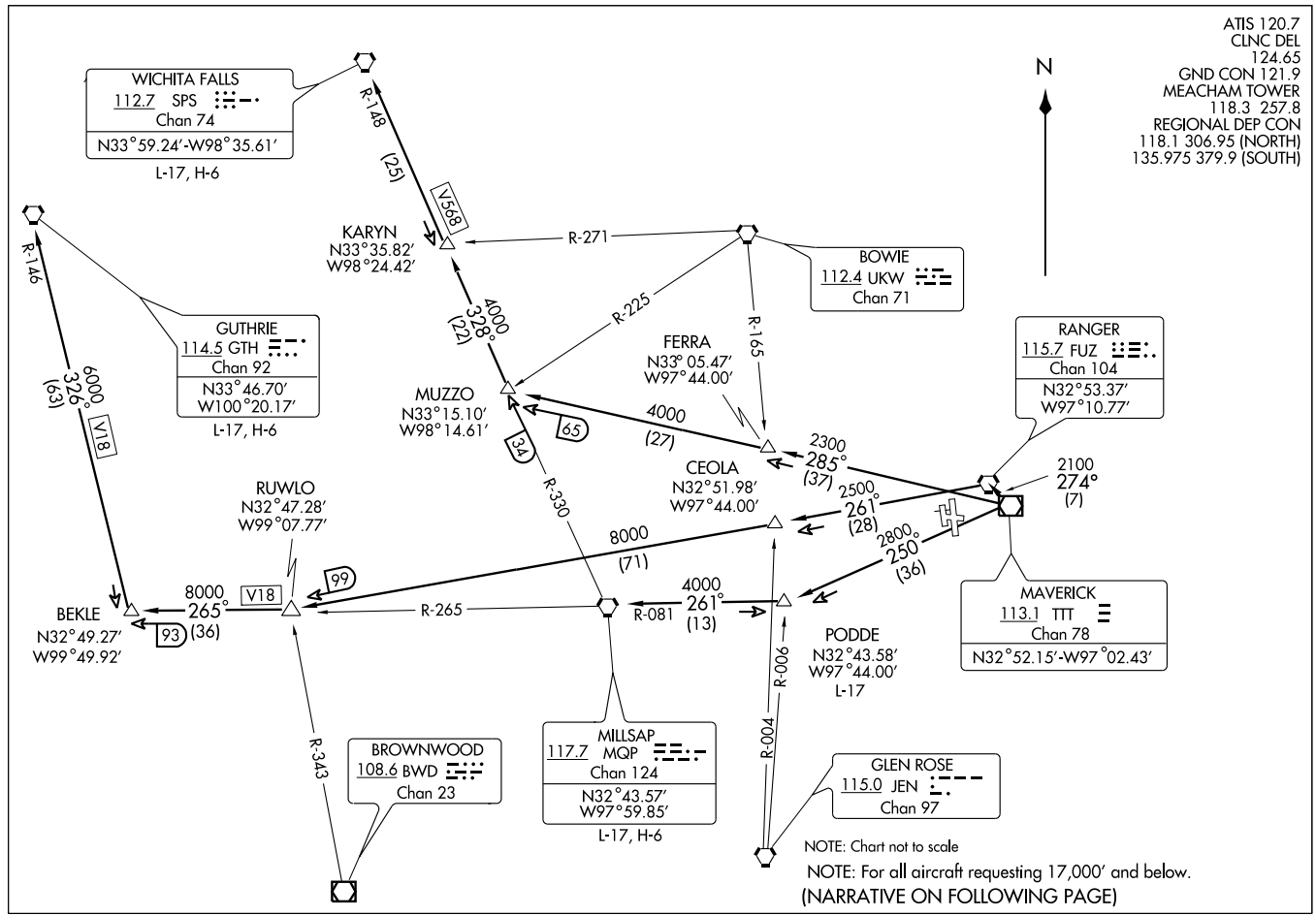
SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KING7.111) 08213

KINGDOM SEVEN DEPARTURE SL-159 (FAA)

FORT WORTH MEACHAM INTL (FTW)

FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

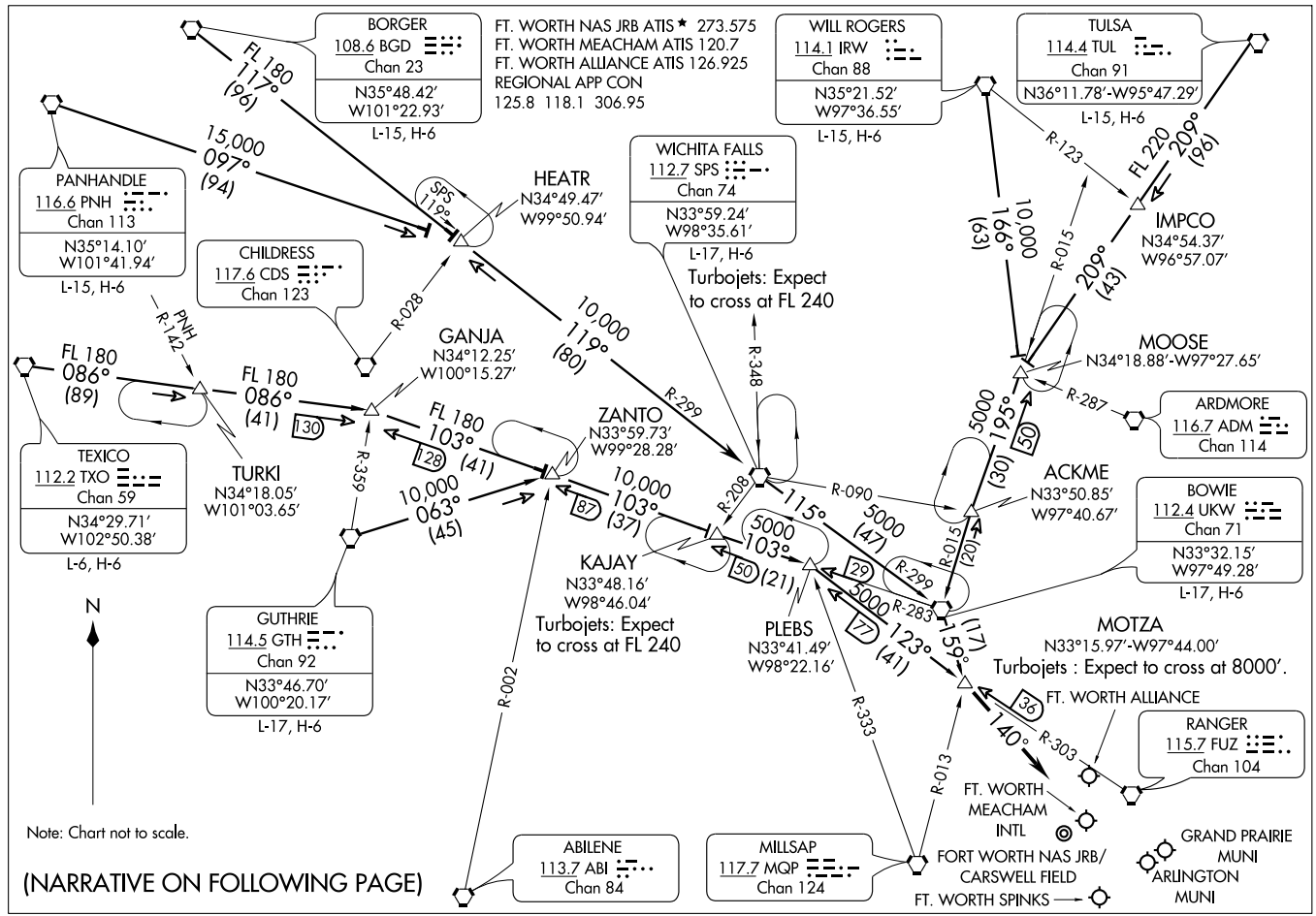
GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

TAKE-OFF MINIMUMS:
Rwys 16, 17, 27, 35 standard.
Rwy 9, 300-1 1/2 or standard with minimum climb of 216′ per NM to 1000′ or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1500′ prior to DER.
Rwy 34, 300-2 or standard with minimum climb of 222′ per NM to 1100′ or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1900′ prior to DER.
DEPARTURE PROCEDURE:
Rwy 9: Climb heading 092° to 2000′ before proceeding on course.
Rwy 16: Climb heading 164° to 2000′ before proceeding on course.
Rwy 17: Climb heading 164° to 2000′ before proceeding on course.

TAKE-OFF OBSTACLES:

Note: Rwy 9, Windsock 293′ from DER, 354′ left of centerline, 51′ AGL/721′ MSL. Sign on building 481′ from DER, 407′ right of centerline, 39′ AGL/702′ MSL. Sign 2448′ from DER, 540′ left of centerline, 75′ AGL/742′ MSL. Grain elvators beginning 1.2 NM from DER, 2191′ left of centerline, up to 229′ AGL/877′ MSL.
Note: Rwy 17, Bush 13′ from DER, 160′ right of centerline, 21′ AGL/674′ MSL. Antenna 953′ from DER, 394′ left of centerline, 72′ AGL/722′ MSL. Hangar 1380′ from DER, 744′ left of centerline, 43′ AGL/703′ MSL.
Note: Rwy 27, Tree 239′ from DER, 492′ left of centerline, 35′ AGL/685′ MSL.
Note: Rwy 34, Multiple trees 974′ from DER, 682′ right of centerline, up to 47′ AGL/746′ MSL. Grain elevator 1.52 NM from DER, 2775′ right of centerline, 254′ AGL/969′ MSL.
Note: Rwy 35, Tree 1′ from DER, 248′ left of centerline, 40′ AGL/690′ MSL. Tree 567′ from DER, 225′ right of centerline, 45′ AGL/699′ MSL. Bush 55′ from DER, 143′ left of centerline, 21′ AGL/681′ MSL. OL on DAM 1359′ from DER, 1′ right of centerline, 46′ AGL/706′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 42612 W16A	APP CRS 164°	Rwy Idg 7501 TDZE 710 Apt Elev 710

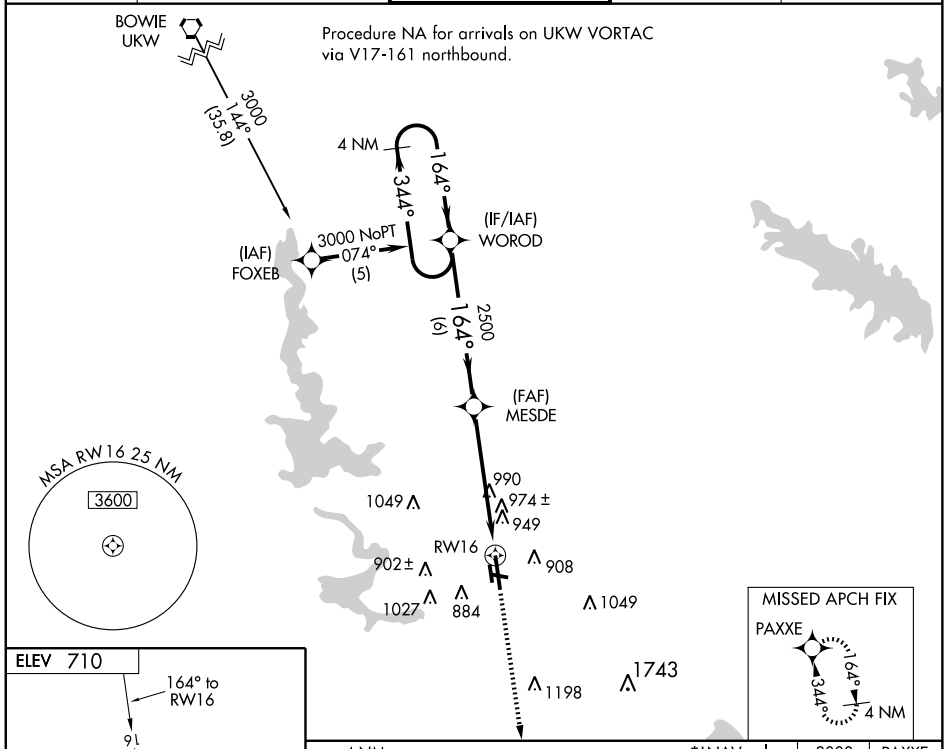
RNAV (GPS) RWY 16
FORT WORTH MEACHAM INTL (FTW)

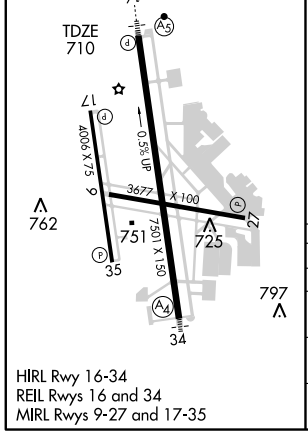
Circling to RW17 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MALSR

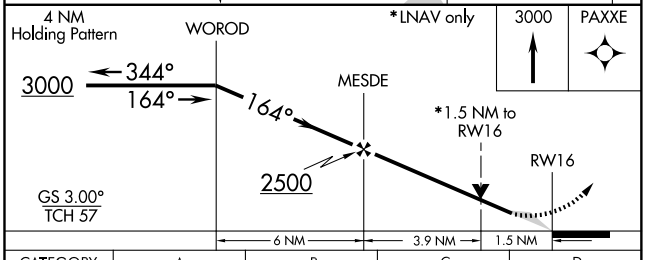
MISSED APPROACH: Climb to 3000 direct PAXXE and hold.

ATIS	REGIONAL APP CON	MEACHAM TOWER	GND CON	CLNC DEL
120.7	(North) 118.1 306.95 (South) 135.975 379.9	118.3 257.8	121.9	124.65





HIRL Rwy 16-34
REIL Rwys 16 and 34
MIRL Rwys 9-27 and 17-35



CATEGORY	A	B	C	D
LPV DA	910/24 200 (200-½)			
LNAV/VNAV DA	1284-1½ 574 (600-1½)			
LNAV MDA	1240/24 530 (600-½)		1240/50 530 (600-1)	1240/60 530 (600-1¼)
CIRCLING	1260-1 550 (600-1)		1280-1½ 570 (600-1½)	1300-2 590 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53412 W34A	APP CRS 344°	Rwy Idg 7501 TDZE 680 Apt Elev 710

RNAV (GPS) RWY 34

FORT WORTH MEACHAM INTL (FTW)

Inoperative table does not apply to LNAV/VNAV and LNAV Cat C. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MALS

MISSED APPROACH: Climb to 3000 direct WOROD and hold.

ATIS	REGIONAL APP CON	MEACHAM TOWER	GND CON	CLNC DEL
120.7	(North) 118.1 306.95 (South) 135.975 379.9	118.3 257.8	121.9	124.65

MISSED APCH FIX

4 NM 164° 344° WOROD

990 1049 949 902± 908 1027 884 RW34 1049 WAGMU 2.6 NM to RW34 853± 1198 1743 (FAF) DOJED 344° (6.1) 2200

(IF/IAF) PAXXE 164° 344° 4 NM

MSA RW34 25 NM 3600

(IAF) CURLE 3000 NoPT 030° (5.4)

1772

3000 NoPT 354° (11.9)

(IAF) BARGO

ELEV 710

762 751 725 797 TDZE 680 35 34 17 16 4000 X 75 6 3677 X 100 7501 X 150 0.5% UP 27

344° to RW34

HIRL Rwy 16-34
REIL Rwys 16 and 34
MIRL Rwys 9-27 and 17-35

3000 WOROD *LNAV only

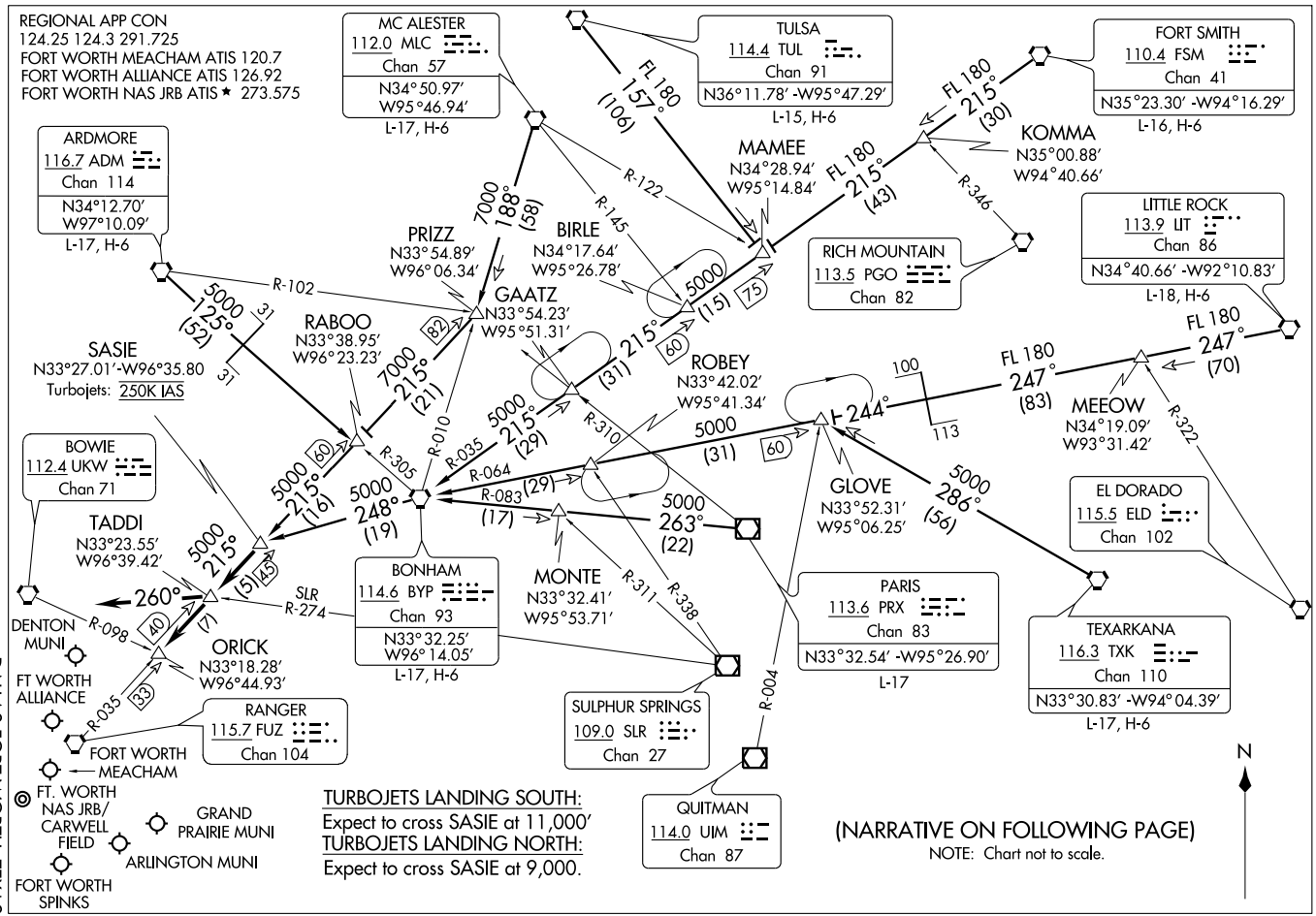
WAGMU 2.6 NM to RW34 DOJED PAXXE 4 NM Holding Pattern 164° 344° 3000

*1.3 NM to RW34 344° RW34 *1560 2200 GS 3.00° TCH 60

1.3 NM 1.3 NM 2 NM 6.1 NM

CATEGORY	A	B	C	D
LPV DA	880-¾ 200 (200-¾)			
LNAV/VNAV DA	1091-1½ 411 (400-1½)			
LNAV MDA	1160-¾ 480 (500-¾)		1160-1¼ 480 (500-1¼)	1160-1½ 480 (500-1½)
CIRCLING	1260-1 550 (600-1)		1280-1½ 570 (600-1½)	1300-2 590 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

ARRIVAL DESCRIPTION

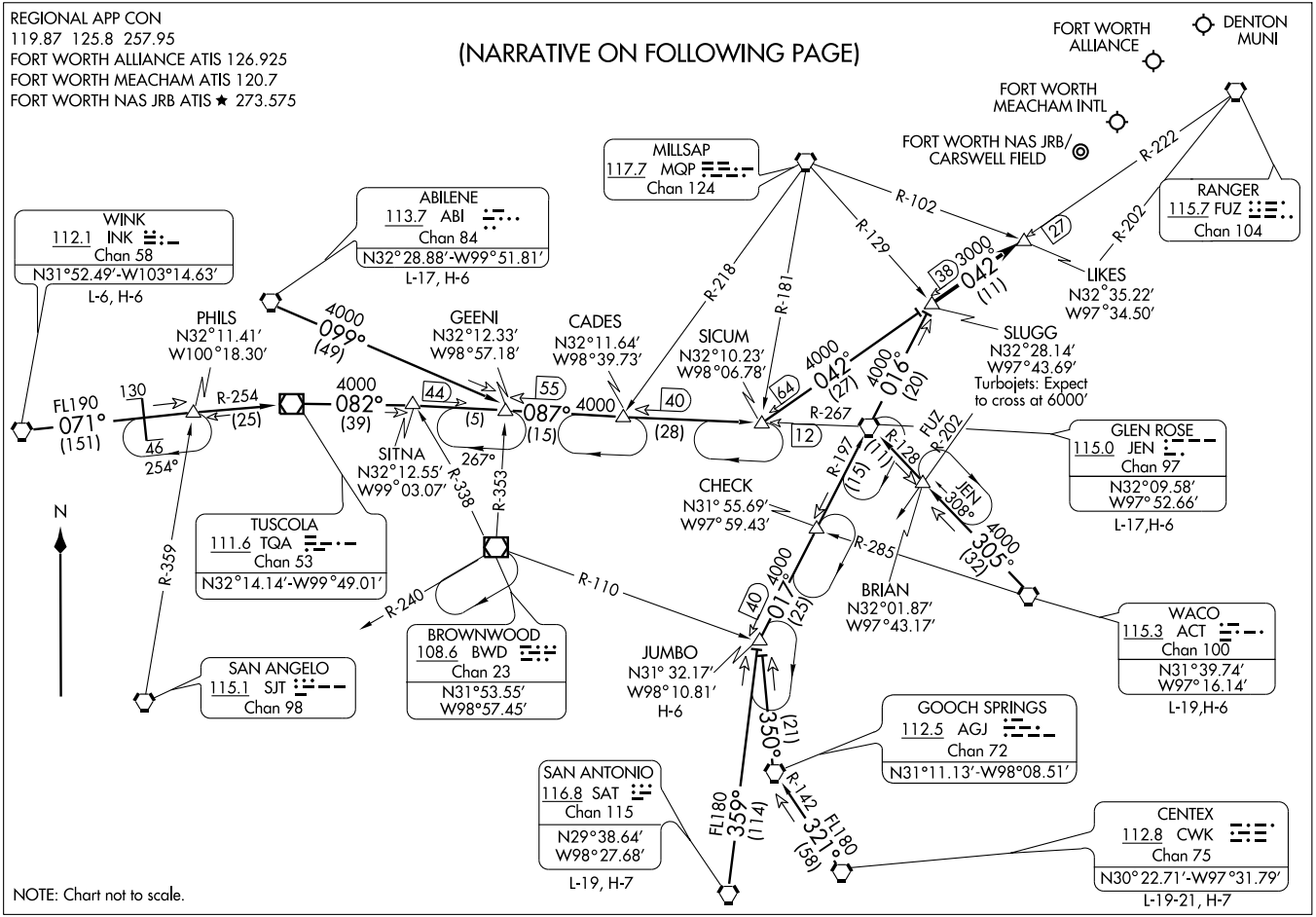
ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

SLUGG SIX ARRIVAL

REGIONAL APP CON
119.87 125.8 257.95
FORT WORTH ALLIANCE ATIS 126.925
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575

(NARRATIVE ON FOLLOWING PAGE)



ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.SLUGG6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

CENTEX TRANSITION (CWK.SLUGG6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.SLUGG6): From over JEN VORTAC via JEN R-016 to SLUGG INT. Thence . . . .

JUMBO TRANSITION (JUMBO.SLUGG6): From over JUMBO INT via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.SLUGG6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WACO TRANSITION (ACT.SLUGG6): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WINK TRANSITION (INK.SLUGG6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

. . . . From over SLUGG INT, via FUZ R-222 to LIKES INT. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

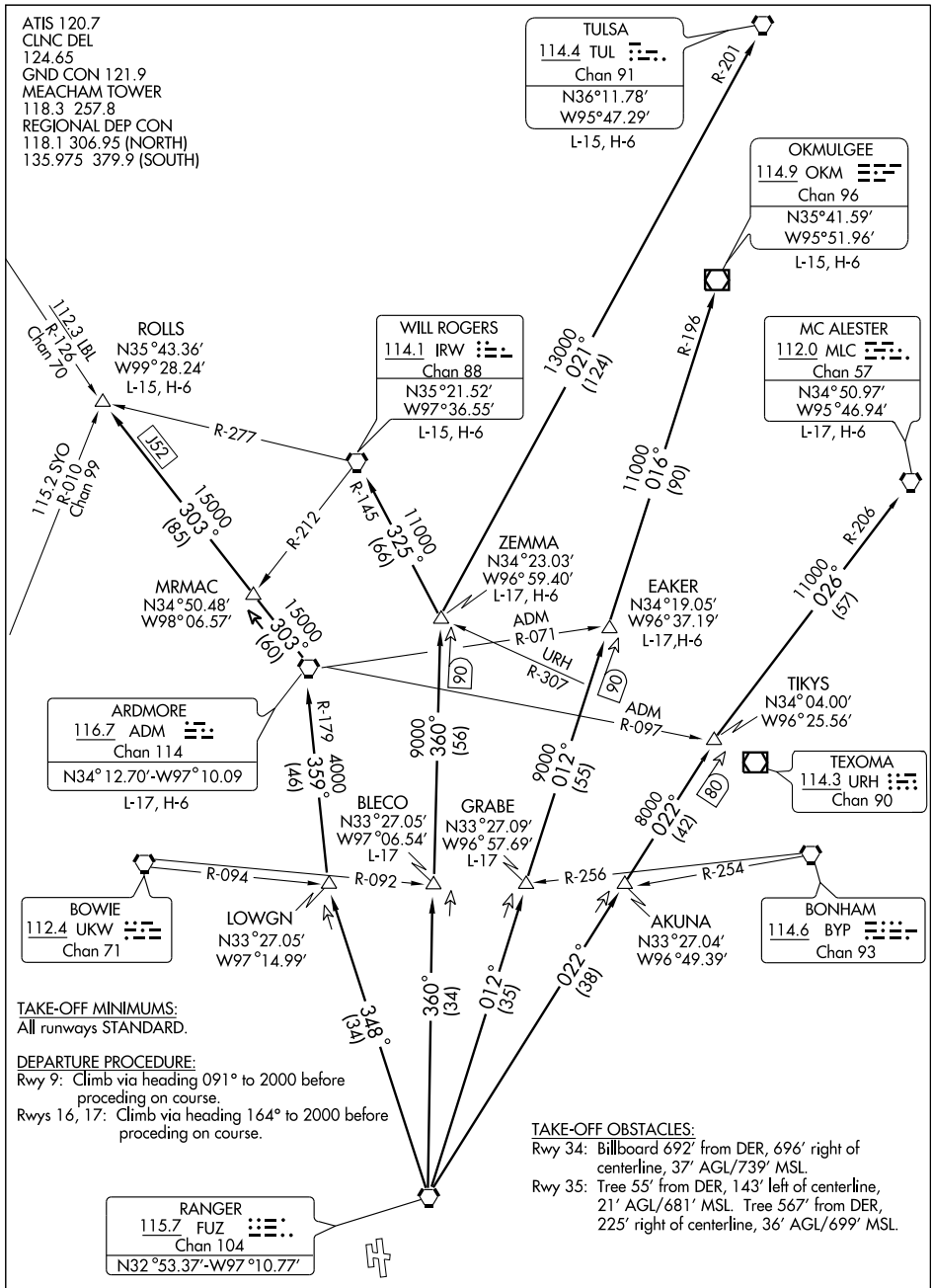
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

SL-159 (FAA)

FORT WORTH MEACHAM INTL (FTW)

FORT WORTH, TEXAS



TAKE-OFF MINIMUMS:
All runways STANDARD.

DEPARTURE PROCEDURE:
Rwy 9: Climb via heading 091° to 2000 before proceding on course.
Rwys 16, 17: Climb via heading 164° to 2000 before proceding on course.

TAKE-OFF OBSTACLES:
Rwy 34: Billboard 692' from DER, 696' right of centerline, 37' AGL/739' MSL.
Rwy 35: Tree 55' from DER, 143' left of centerline, 21' AGL/681' MSL. Tree 567' from DER, 225' right of centerline, 36' AGL/699' MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

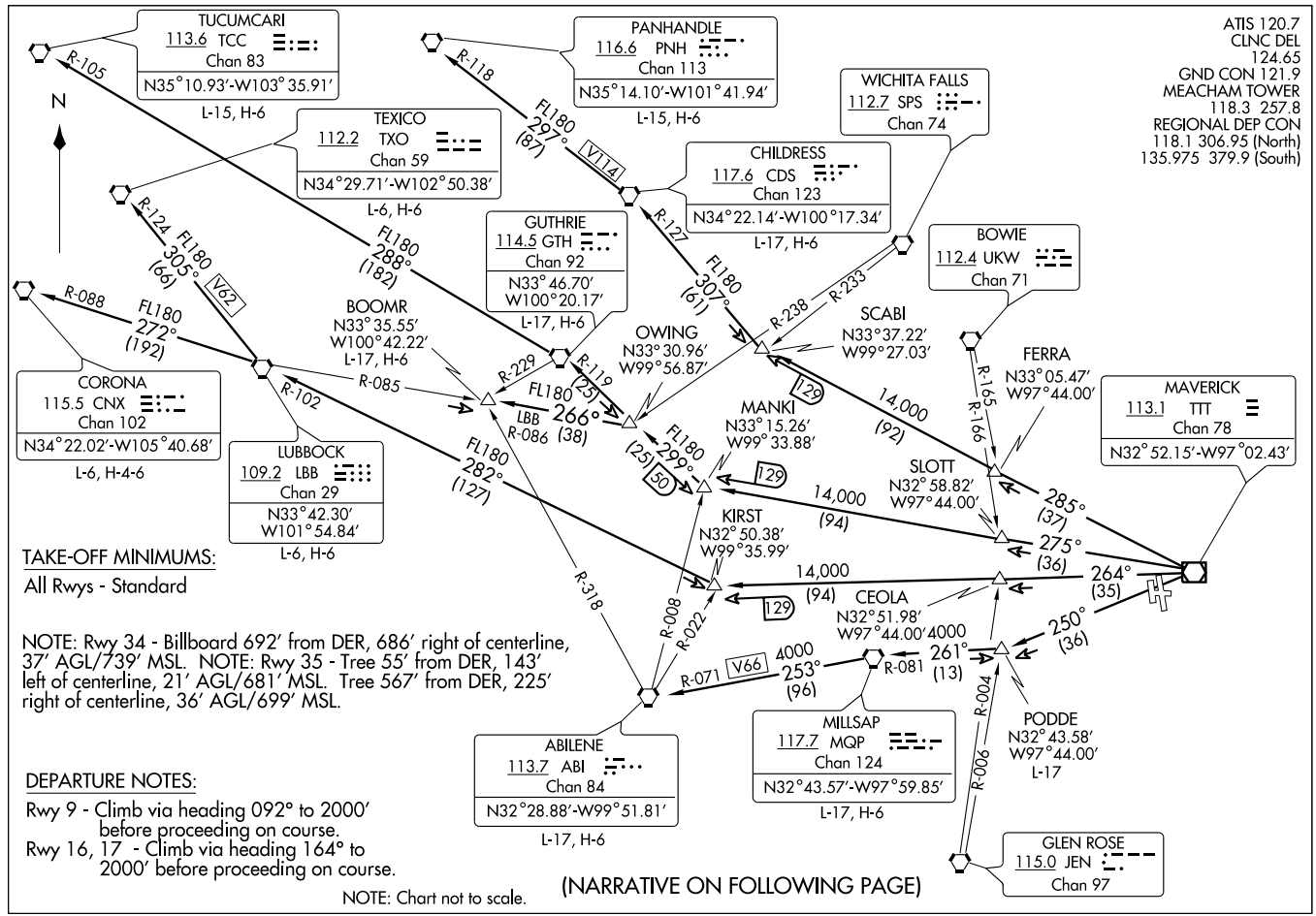
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010



(FWORTH5.1111) 08269 WORTH FIVE DEPARTURE

SL-159 (FAA)

FORT WORTH MEACHAM INTL (FTW)

FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

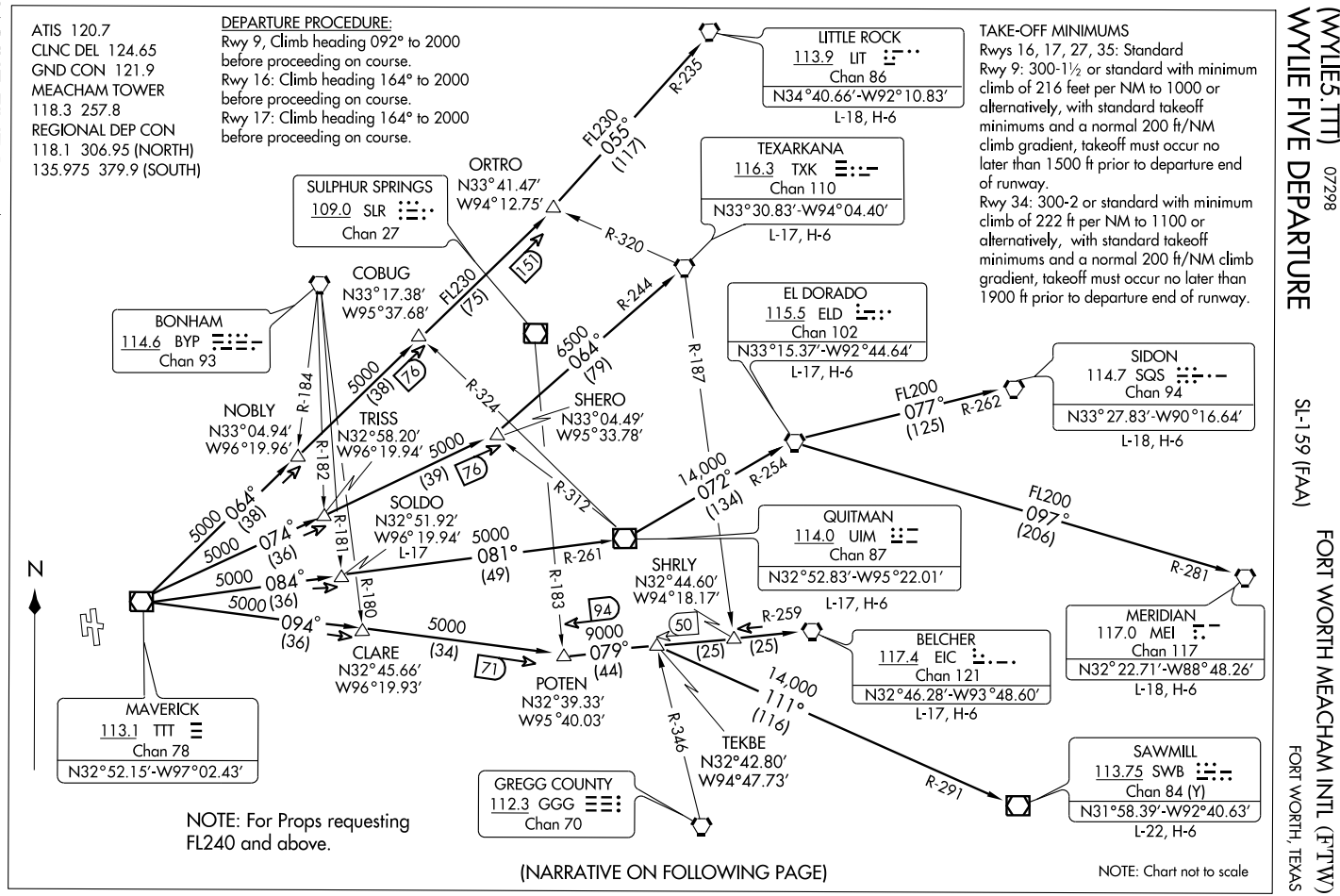
TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

ATIS 120.7
CLNC DEL 124.65
GND CON 121.9
MEACHAM TOWER
118.3 257.8
REGIONAL DEP CON
118.1 306.95 (NORTH)
135.975 379.9 (SOUTH)

DEPARTURE PROCEDURE:
Rwy 9, Climb heading 092° to 2000 before proceeding on course.
Rwy 16: Climb heading 164° to 2000 before proceeding on course.
Rwy 17: Climb heading 164° to 2000 before proceeding on course.

TAKE-OFF MINIMUMS
Rwys 16, 17, 27, 35: Standard
Rwy 9: 300-1½ or standard with minimum climb of 216 feet per NM to 1000 or alternatively, with standard takeoff minimums and a normal 200 ft/NM climb gradient, takeoff must occur no later than 1500 ft prior to departure end of runway.
Rwy 34: 300-2 or standard with minimum climb of 222 ft per NM to 1100 or alternatively, with standard takeoff minimums and a normal 200 ft/NM climb gradient, takeoff must occur no later than 1900 ft prior to departure end of runway.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

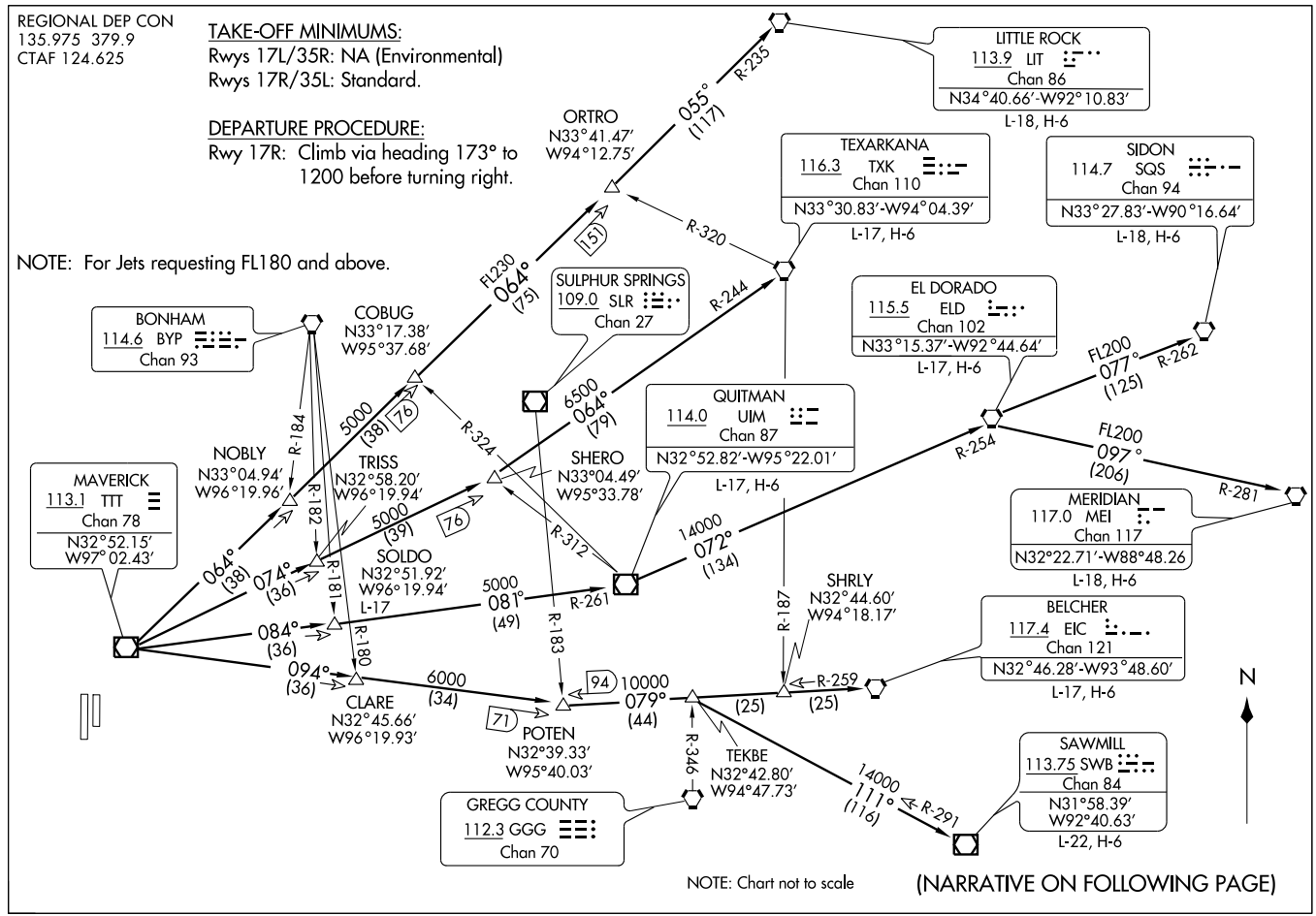
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitiude to appropriate route.

BELCHER TRANSITION (WYLIE5.EIC): (For aircraft inbound to Jackson, Monroe, and Shreveport terminal area.) From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (WYLIE5.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (WYLIE5.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (WYLIE5.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (WYLIE5.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (WYLIE5.SWB): From over TTT VOR/DME via TTT R-094 to POTEN, then via EIC R-259 to TEKBE, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (WYLIE5.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (WYLIE5.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO.
TEXARKANA TRANSITION (WYLIE5.TXK): From over TTT VOR/DME via TTT R-074 to SHERO, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 9, windsock 293′ from departure end of runway, 354′ left of centerline, 51′ AGL/721′ MSL. Sign on building 481′ from departure end of runway, 407′ right of centerline, 39′ AGL/702′ MSL. Sign 2448′ from departure end of runway, 540′ left of centerline, 75′ AGL/742′ MSL. Grain elevators beginning 7085′ from departure end of runway, 2191′ left of centerline, up to 229′ AGL/877′ MSL.
Rwy 27, tree 239′ from departure end of runway, 492′ left of centerline, 35′ AGL/685′ MSL.
Rwy 17, bush 13′ from departure end of runway, 160′ right of centerline, 21′ AGL/674′ MSL. Antenna 953′ from departure end of runway, 394′ left of centerline, 72′ AGL/722′ MSL. Hangar 1380′ feet from departure end of runway, 744′ left of centerline, 43′ AGL/703′ MSL.
Rwy 34, multiple trees 974′ from departure end of runway, 682′ right of centerline, up to 47′ AGL/746′ MSL.
Rwy 35, tree 1′ from departure end of runway, 248′ left of centerline, 40′ AGL/690′ MSL. Tree 567′ from departure end of runway, 225′ right of centerline, 45′ AGL/699′ MSL. Bush 55′ from departure end of runway, 143′ left of centerline, 21′ AGL/681′ MSL. Obstruction light on dam 1359′ from departure end runway, 1′ right of centerline, 46′ AGL/706′ MSL.
Rwy 16, Tower 5.8 NM southeast from departure end of runway, 1113′ AGL/1743′ MSL. Building 3.5 NM southeast from departure end of runway, 590′ AGL/1196′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL DEP CON
135.975 379.9
CTAF 124.625
TAKE-OFF MINIMUMS:
Rwys 17L/35R: NA (Environmental)
Rwys 17R/35L: Standard.
DEPARTURE PROCEDURE:
Rwy 17R: Climb via heading 173° to 1200 before turning right.
NOTE: For Jets requesting FL180 and above.
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66'-W92°10.83'
L-18, H-6
ORTRO
N33°41.47'
W94°12.75'
TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6
SIDON
114.7 SQS
Chan 94
N33°27.83'-W90°16.64'
L-18, H-6
BONHAM
114.6 BYP
Chan 93
COBUG
N33°17.38'
W95°37.68'
SULPHUR SPRINGS
109.0 SLR
Chan 27
EL DORADO
115.5 ELD
Chan 102
N33°15.37'-W92°44.64'
L-17, H-6
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MAVERICK
113.1 TTT
Chan 78
N32°52.15'
W97°02.43'
NOBLY
N33°04.94'
W96°19.96'
TRISS
N32°58.20'
W96°19.94'
SHERO
N33°04.49'
W95°33.78'
SOLDO
N32°51.92'
W96°19.94'
L-17
MERIDIAN
117.0 MEI
Chan 117
N32°22.71'-W88°48.26
L-18, H-6
SHRLY
N32°44.60'
W94°18.17'
BELCHER
117.4 EIC
Chan 121
N32°46.28'-W93°48.60'
L-17, H-6
CLARE
N32°45.66'
W96°19.93'
POTEN
N32°39.33'
W95°40.03'
TEKBE
N32°42.80'
W94°47.73'
SAWMILL
113.75 SWB
Chan 84
N31°58.39'
W92°40.63'
L-22, H-6
GREGG COUNTY
112.3 GGG
Chan 70
055° (117)
R-235
R-320
FL230
064° (75)
R-244
6500
064° (79)
R-324
5000 (38)
76
R-184
R-182
R-181
064° (38)
074° (36)
084° (36)
094° (36)
R-180
5000 (39)
76
R-312
5000
081° (49)
R-261
R-183
6000 (34)
94
10000
079° (44)
71
R-346
14000
072° (134)
R-187
R-259
(25)
(25)
14000
111° (116)
R-291
FL200
077° (125)
R-262
R-254
FL200
097° (206)
R-281
151
N
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

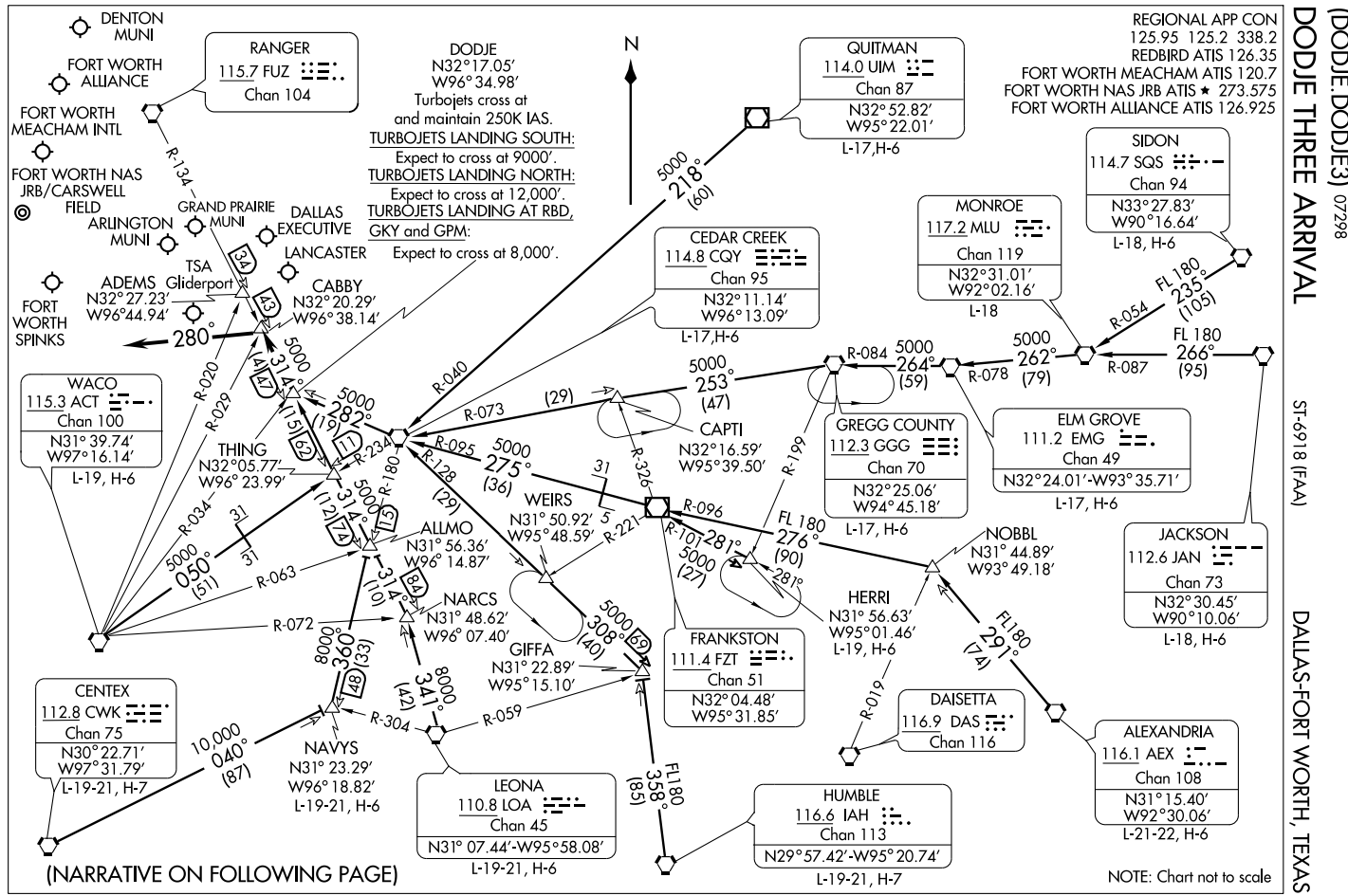
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

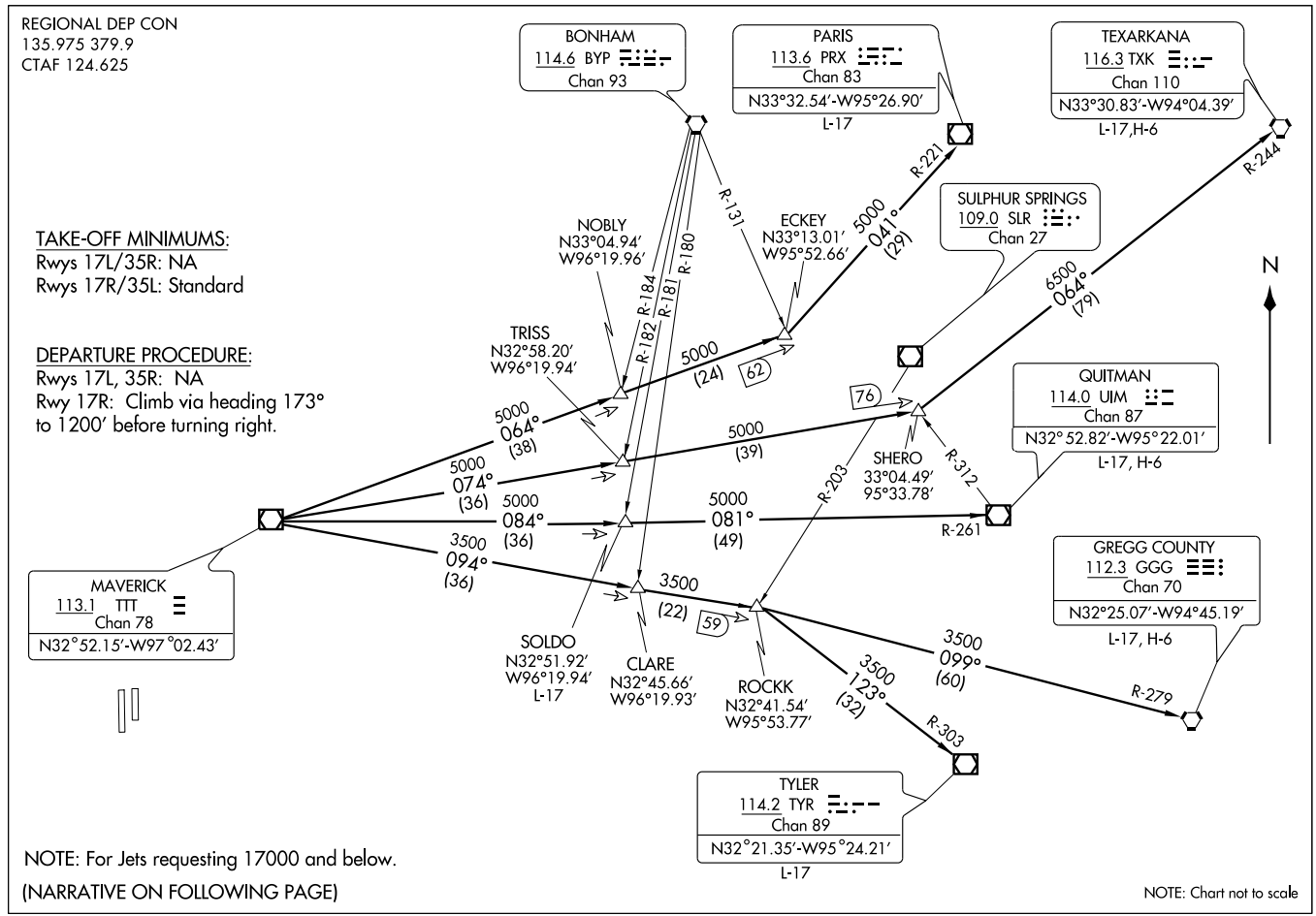
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 0935

GARLAND THREE DEPARTURE

SL-6917 (FAA)

FORT WORTH SPINKS (FWS)

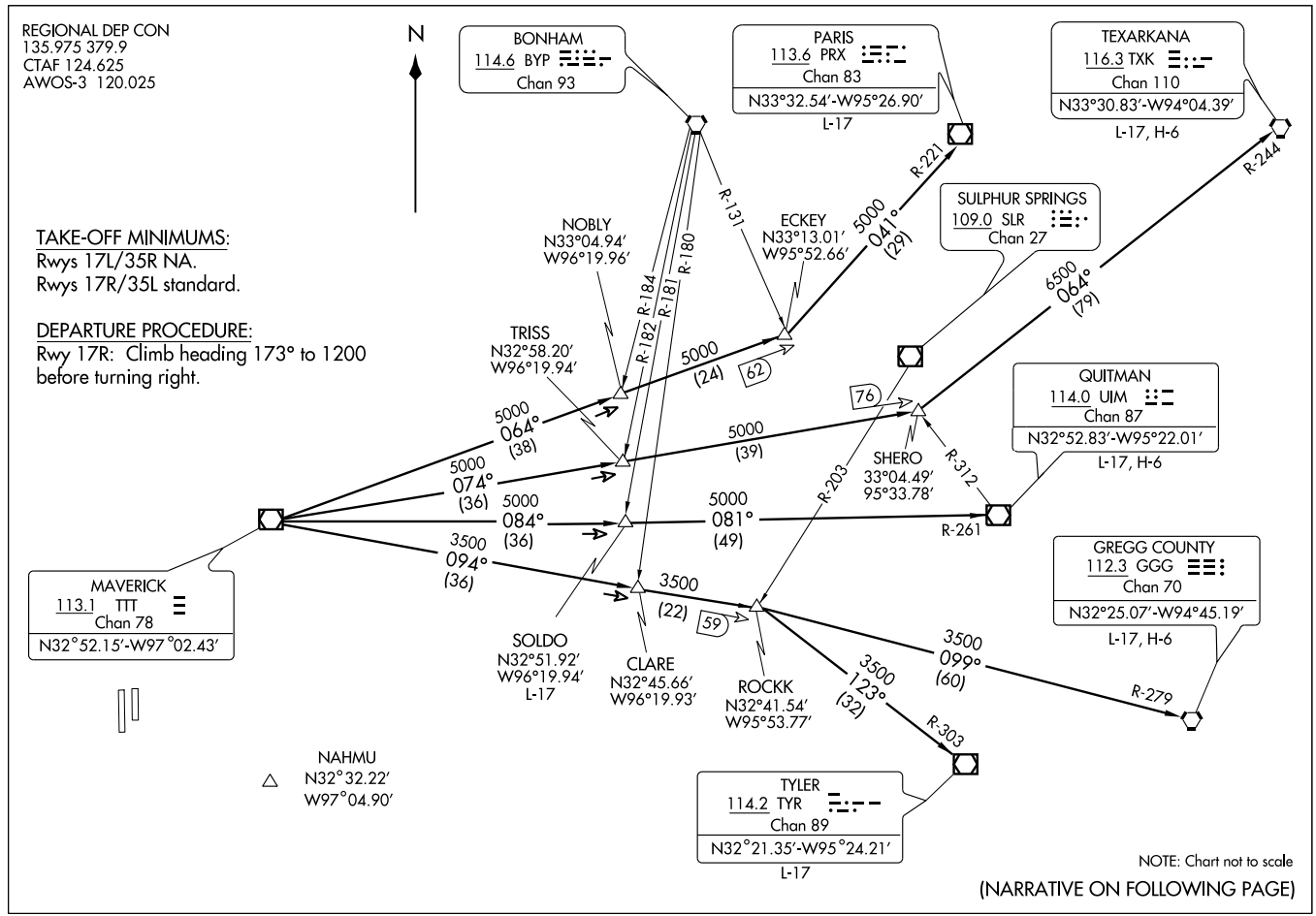
FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

HUBBARD SIX DEPARTURE



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 17R:
Tree 4,909′ from departure end of runway, 1,556′ left of centerline, 60′ AGL/830′ MSL.

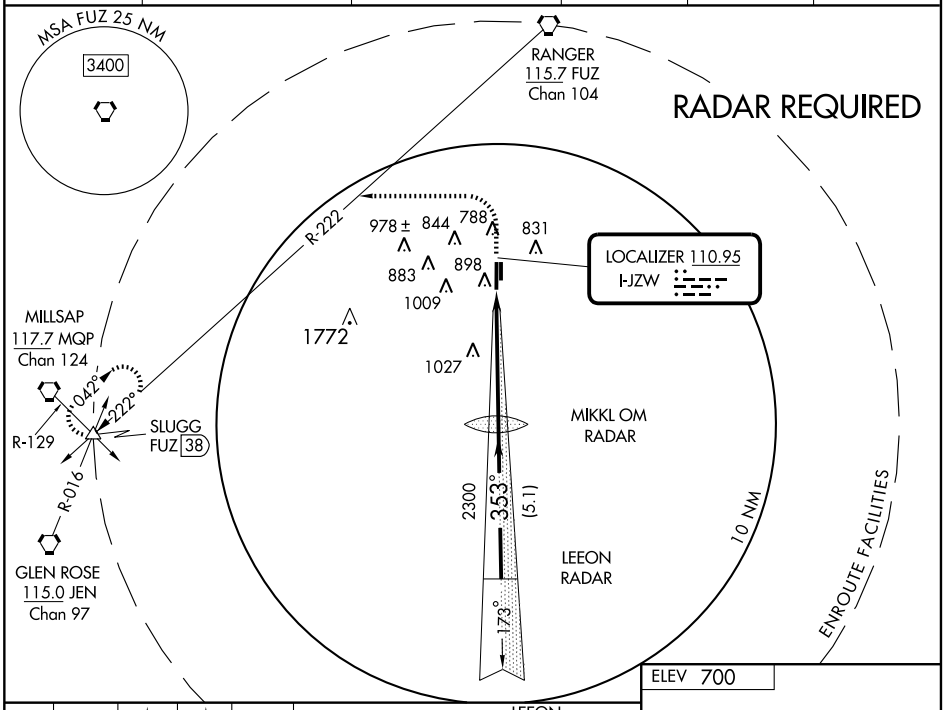
LOC I-JZW	APP CRS	Rwy Idg	6002
110.95	353°	TDZE	697
		Apt Elev	700

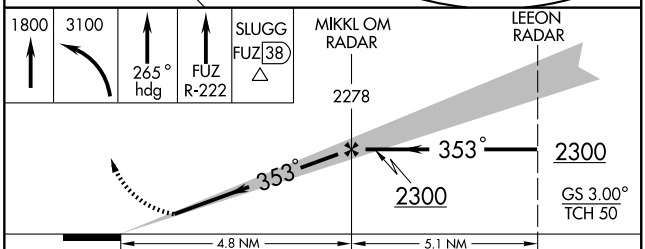
ILS RWY 35L
FORT WORTH SPINKS (FWS)

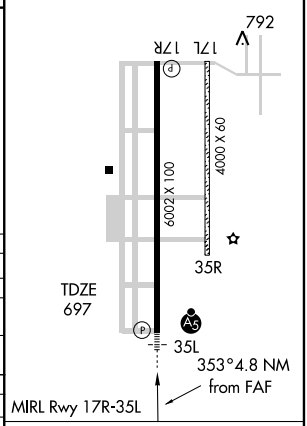
Circling not authorized west of Runway 17R-35L. Obtain local altimeter on CTAF; when not received, use Fort Worth Meacham altimeter setting minimums.

MISSED APPROACH: Climb to 1800 then climbing left turn to 3100 via heading 265° and FUZ R-222 to SLUGG Int/FUZ 38 DME and hold.

AWOS-3	REGIONAL APP CON	SPINKS TOWER ★	GND CON	GCO	UNICOM
120.025	135.975 379.9	124.625 (CTAF) L	119.475	121.725	122.7







CATEGORY	A	B	C	D
S-ILS 35L	897-½ 200 (200-½)			
S-LOC 35L	1220-½ 523 (600-½)		1220-1 523 (600-1)	1220-1¼ 523 (600-1¼)
CIRCLING	1220-1 520 (600-1)		1220-1½ 520 (600-1½)	1260-2 560 (600-2)
FORT WORTH MEACHAM ALTIMETER SETTING MINIMA				
S-ILS 35L	934-½ 237 (300-½)			
S-LOC 35L	1260-½ 563 (600-½)		1260-1 563 (600-1)	1260-1¼ 563 (600-1¼)
CIRCLING	1260-1 560 (600-1)		1260-1½ 560 (600-1½)	1260-2 560 (600-2)

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-6917 (FAA)

FORT WORTH SPINKS (FWS)

FORT WORTH, TEXAS

GND CON 119.475
SPINKS TOWER*
124.625 (CTAF)
REGIONAL DEP CON
135.975 379.9
AWOS-3 120.025

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

TAKE-OFF MINIMUMS:
Rwys 17L/35R: NA
Rwys 17R/35L: Standard

DEPARTURE PROCEDURE:
Rwys 17L, 35R: NA
Rwy 17R: Climb via heading 173° to 1200 before turning right.

186° (36)
156° (37)
166° (35)
176° (35)
V369
TSA Gliderport

NELYN
N32°17.10'
W97°11.15'

DARTZ
N32°17.07'
W96°48.93'

CEDAR CREEK
114.8 CQY
Chan 95

R-072
R-074
R-273
R-275

JASPA
N32°17.10'
W97°03.54'
L-17

ARDIA
N32°17.10'
W96°56.27'
L-17

156° (25)
62

GLEN ROSE
115.0 JEN
Chan 97

BRDEN
N31°53.06'
W96°39.80'

4000
177° (38)
7000 (35)
6000 (23)

R-357
8000 (45)
70

ELLVR
N31°42.49'
W96°50.27'
L-19, H-6

TNV
R-334

TORNN
N31°31.22'
W96°30.88'
H-6

85
154°
11 NM

WACO
115.3 ACT
Chan 100
N31°39.74'-W97°16.14'
L-19, H-6

R-074
R-093
R-120
80

LEONA
110.8 LOA
Chan 45

6000 (22)
156°
187

WINDU
N31°31.83'
W97°04.95'
L-19, H-6

R-268

12000
193° (70)
7000 (69)
154°

BILEE
N31°09.75'
W96°23.31'
L-19-21, H-6

R-334

COLLEGE STATION
113.3 CLL
Chan 80
N30°36.30'-W96°25.24'
L-19-21,H-7

HOARY
N30°34.63'
W97°46.52'
L-19-21, H-7

R-012
R-307

NAVASOTA
115.9 TNV
Chan 106

CENTEX
112.8 CWK
Chan 75

12000
204° (66)

SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64'
W98°27.68'
L-19,H-7

R-024

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

SL-6917 (FAA)

FORT WORTH SPINKS (FWS)

FORT WORTH, TEXAS

REGIONAL DEP CON
135.975 379.9
CTAF 124.625

N

TAKE-OFF OBSTACLE:
Rwy 17R, Tree 4909′ from DER, 1556′ left of centerline, 60′ AGL/830′ MSL.

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′-W98°35.61′
L-17, H-6

R-148 (25) V568

KARYN
N33°35.82′
W98°24.42′

R-271

BOWIE
112.4 UKW
Chan 71

R-146

GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6

6000 326° (63) V18

4000 328° (22)

R-225

R-165

FERRA
N33° 05.47′
W97°44.00′

RANGER
115.7 FUZ
Chan 104
N32°53.37′
W97°10.77′

MUZZO
N33°15.10′
W98°14.61′

65 34

4000 (27)

2300 285° (37)

2100 274° (7)

2500 261° (28)

CEOLA
N32°51.98′
W97°44.00′

R-330

RUWLO
N32°47.28′
W99°07.77′

8000 (71)

2800 250° (36)

8000 265° V18 (36) 93

99

4000 261° (13)

R-081

R-265

BEKLE
N32°49.27′
W99°49.92′

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

PODDE
N32°43.58′
W97°44.00′
L-17

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57′
W97°59.85′
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwys 17L/35R: NA: Environmental
Rwys 17R/35L: Standard.
DEPARTURE PROCEDURES:
Rwy 17R: Climb heading 173° to 1200′ before turning right.

NOTE: Chart not to scale

NOTE: For all aircraft requesting 17,000′ and below.

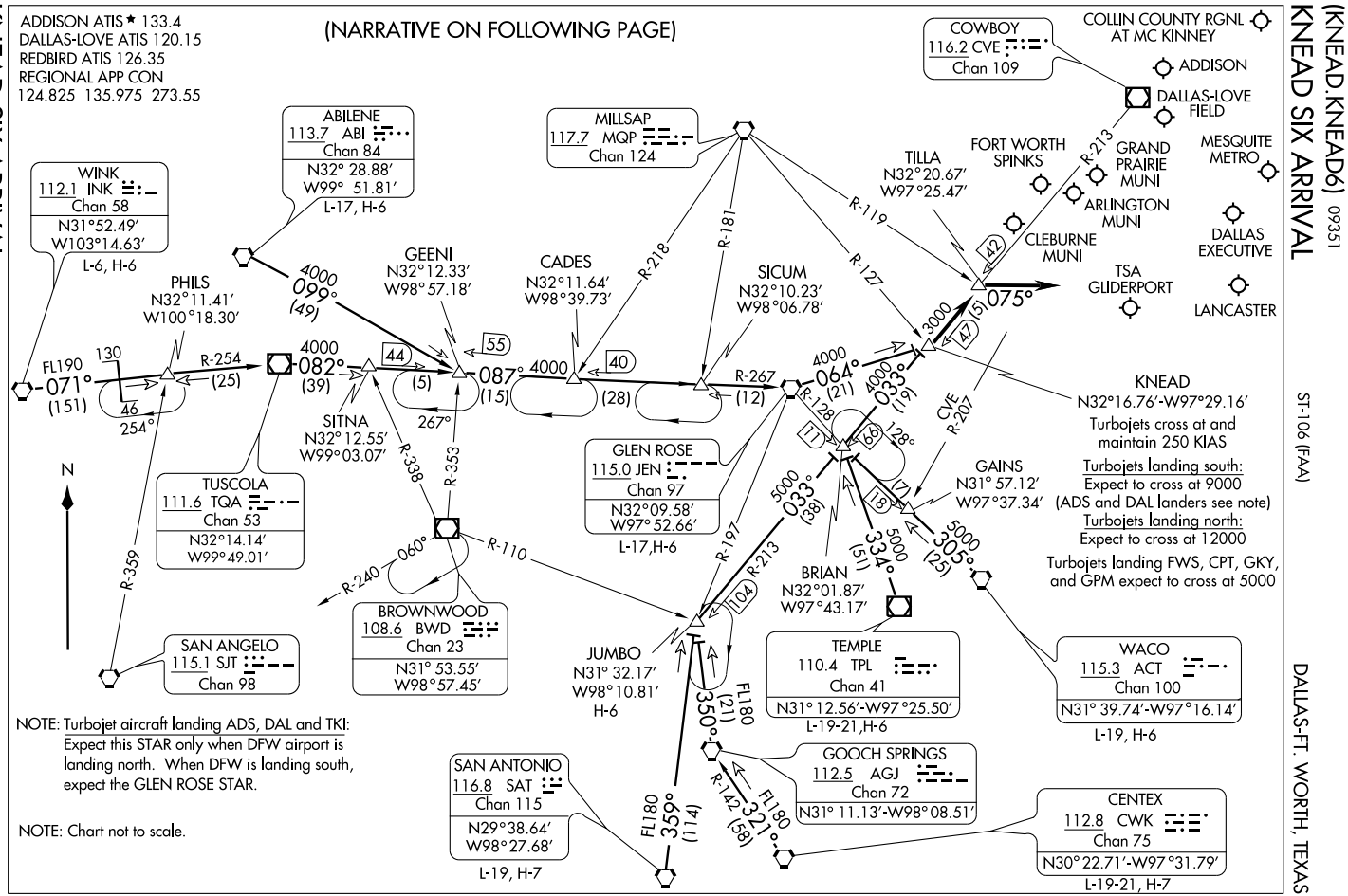
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

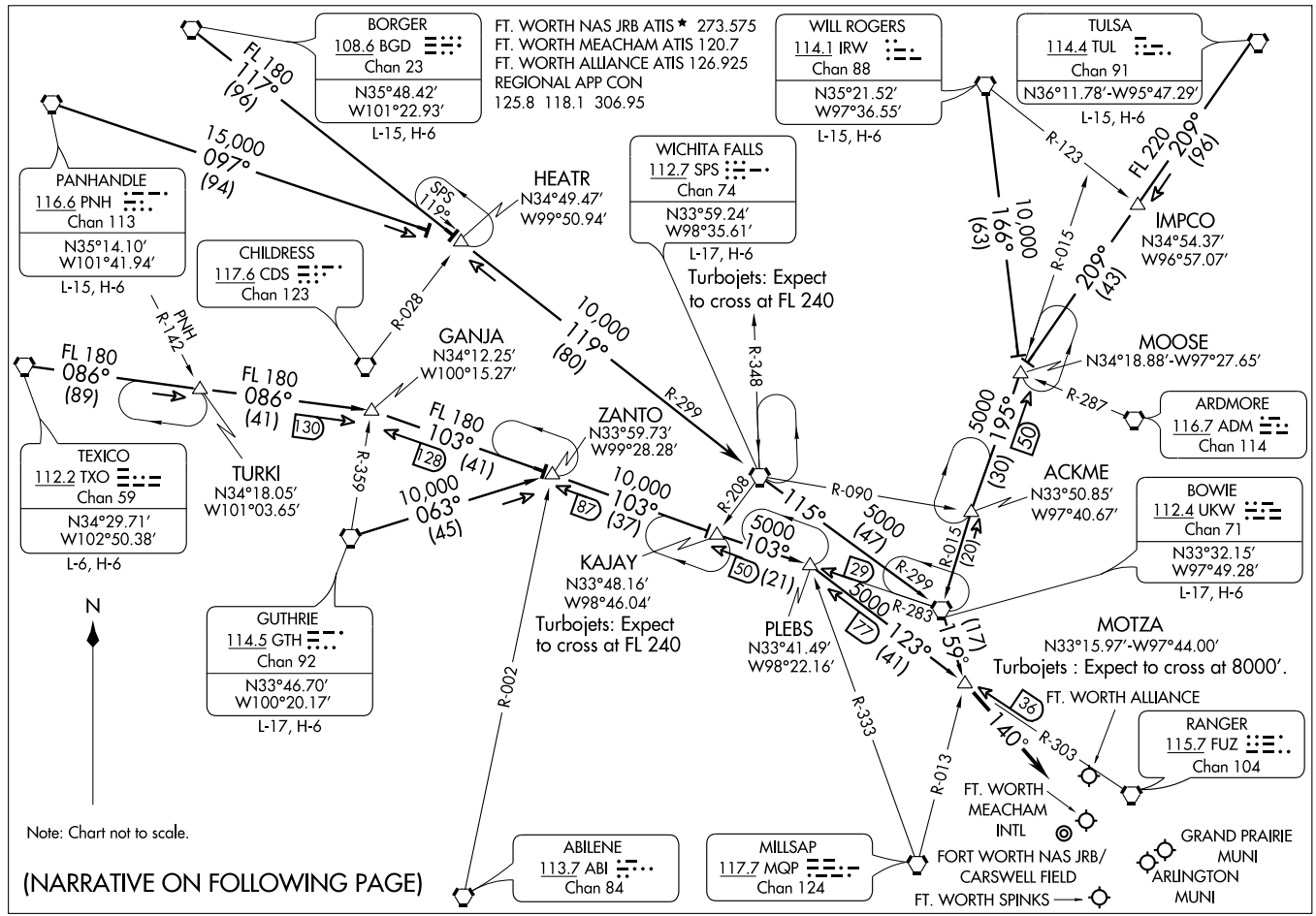
TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 62899 W17A	APP CRS 173°	Rwy Idg 6002 TDZE 700 Apt Elev 700

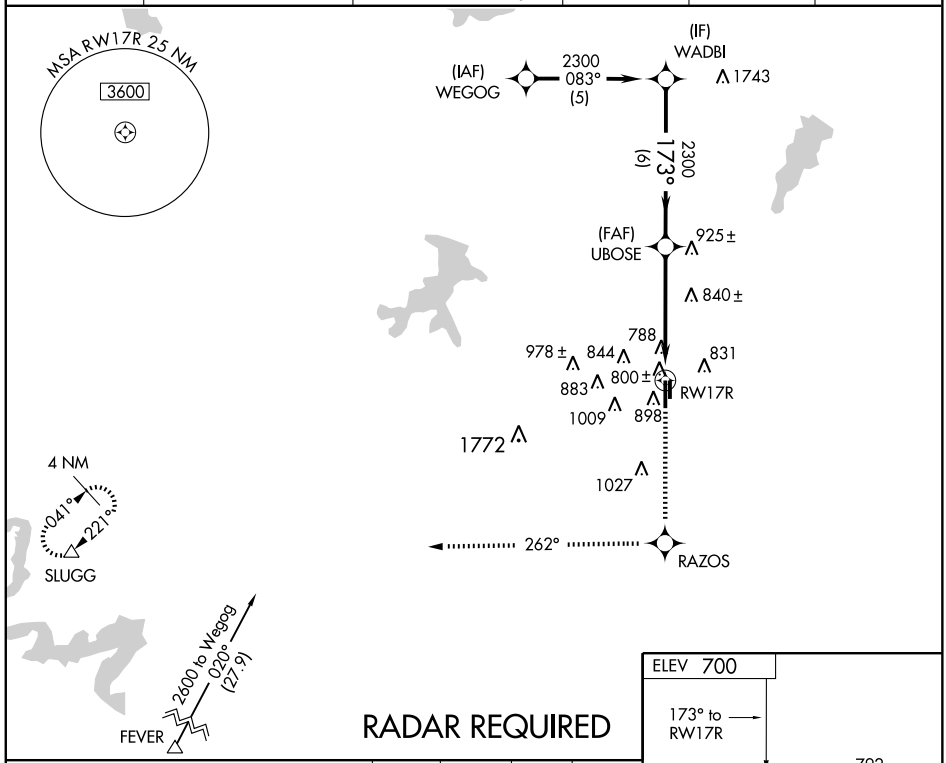
RNAV (GPS) RWY 17R

FORT WORTH SPINKS (FWS)

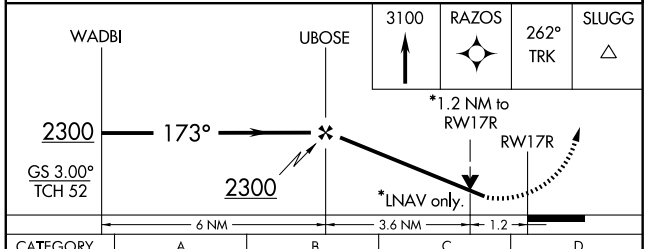
DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F). If local altimeter setting not received, use Fort Worth Meacham altimeter setting and increase all DAs/MDAs 40 feet.
Circling NA west of Rwy 17R-35L. BARO/VNAV and VDP NA with Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climb to 3100 direct RAZOS and via 262° track to SLUGG and hold.

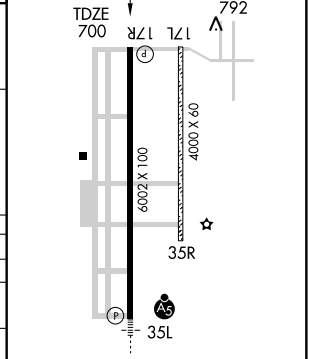
AWOS-3	REGIONAL APP CON	SPINKS TOWER ★	GND CON	GCO	UNICOM
120.025	135.975 379.9	124.625 (CTAF) (L)	119.475	121.725	122.7



RADAR REQUIRED



CATEGORY	A	B	C	D
LPV DA	987-1 287 (300-1)			
LNAV/VNAV DA	1124-1½ 424 (500-1½)			
LNAV MDA	1140-1 440 (500-1)		1140-1¼ 440 (500-1¼)	1140-1½ 440 (500-1½)
CIRCLING	1140-1½ 440 (500-1½)	1200-1½ 500 (500-1½)		1260-2 560 (600-2)



MIRL Rwy 17R-35L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 57999 W35A	APP CRS 353°	Rwy Idg 6002 TDZE 697 Apt Elev 700

RNAV (GPS) RWY 35L
FORT WORTH SPINKS (FWS)

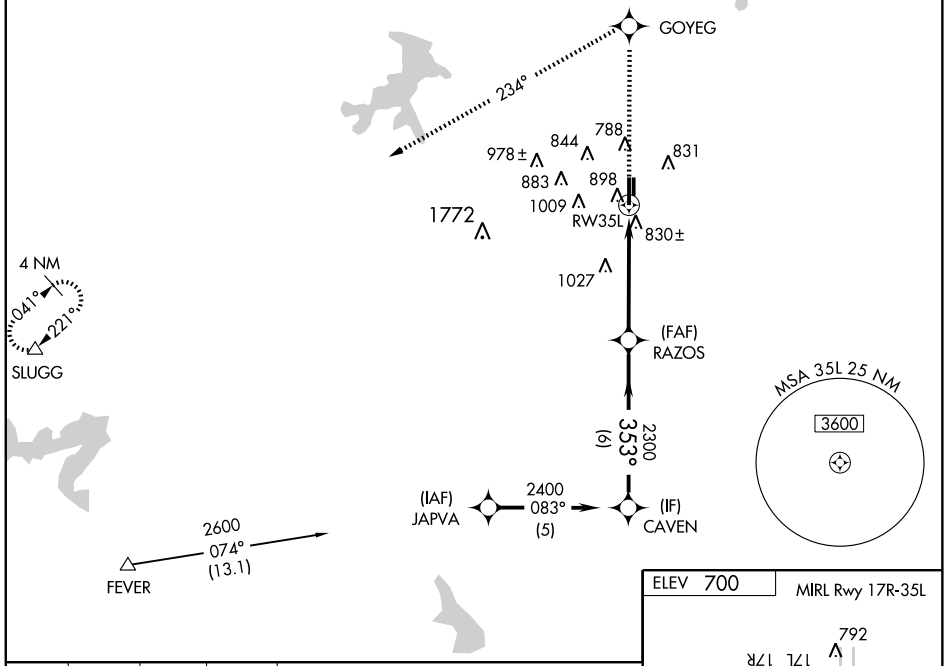
DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F). If local altimeter setting not received, use Fort Worth Meacham altimeter setting and increase all DAs/MDAs 40 feet. For inoperative MALSR increase LPV visibility all Cats to 1. Circling NA west of Rwy 17R-35L. BARO/VNAV and VDP NA with Fort Worth Meacham altimeter setting.

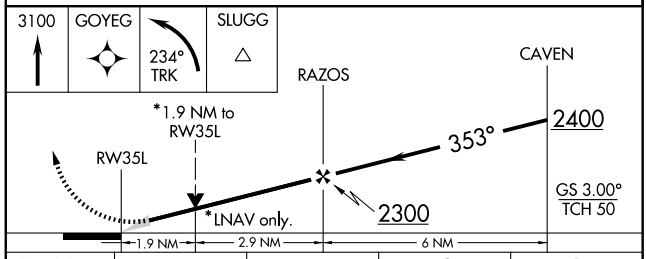
MALSR

MISSED APPROACH: Climb to 3100 direct GOYEG and left turn via 234° track to SLUGG and hold.

AWOS-3	REGIONAL APP CON	SPINKS TOWER ★	GND CON	GCO	UNICOM
120.025	135.975 379.9	124.625 (CTAF) (L)	119.475	121.725	122.7

RADAR REQUIRED

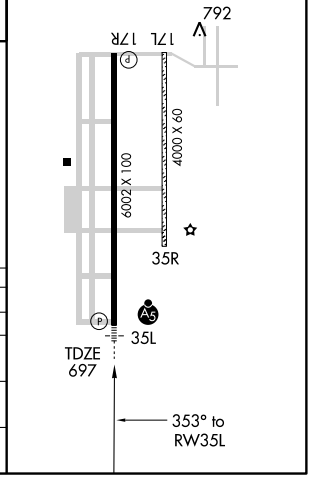




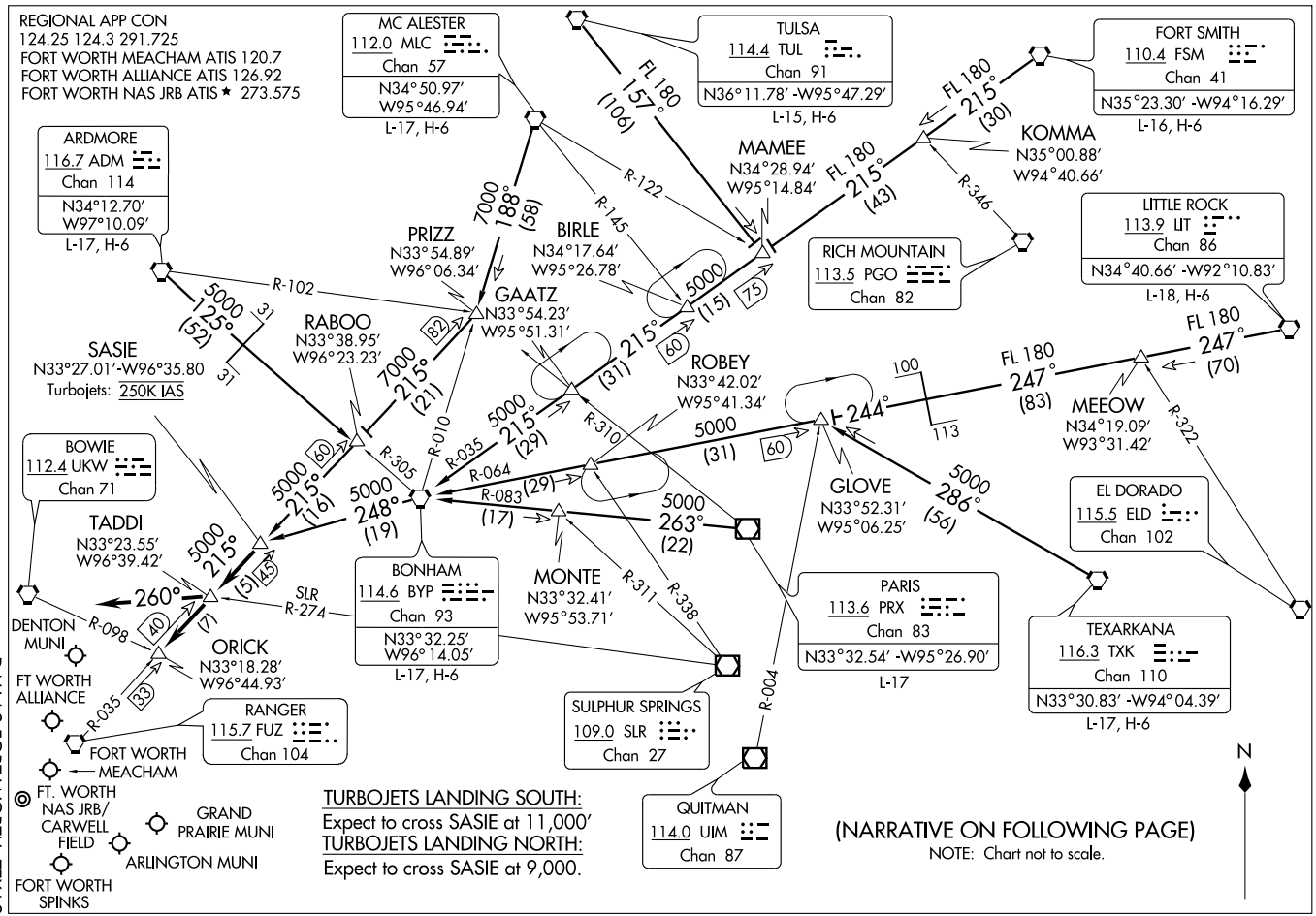
CATEGORY	A	B	C	D
LPV DA	947-½ 250 (300-½)			
LNAV/VNAV DA	1112-1 415 (500-1)			
LNAV MDA	1340-½ 643 (700-½)		1340-1¼ 643 (700-1¼)	1340-1½ 643 (700-1½)
CIRCLING	1340-1½ 640 (700-1½)		1340-1¾ 640 (700-1¾)	1340-2 640 (700-2)

ELEV 700

MIRL Rwy 17R-35L



SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

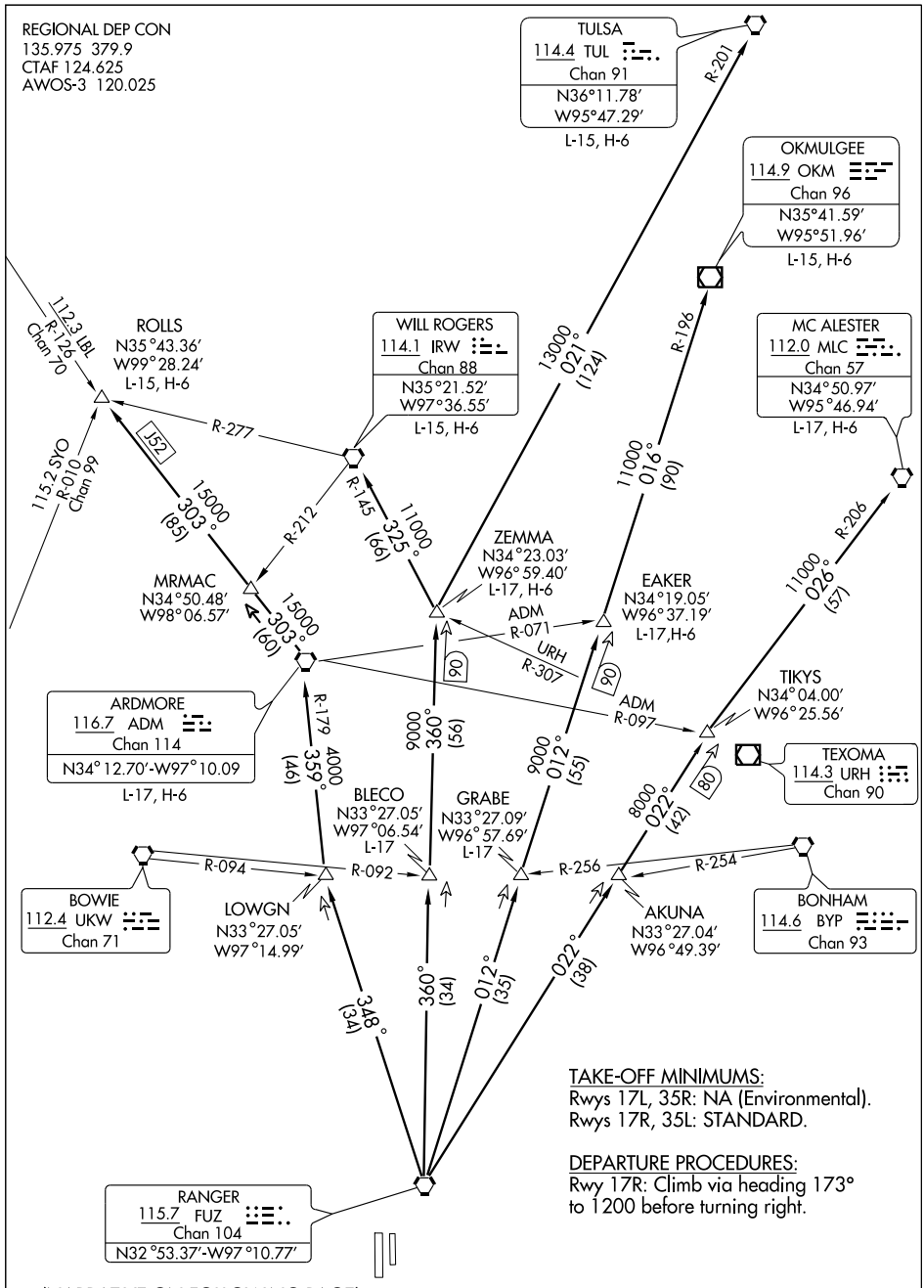
ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-6917 (FAA)



TAKE-OFF MINIMUMS:
Rwys 17L, 35R: NA (Environmental).
Rwys 17R, 35L: STANDARD.

DEPARTURE PROCEDURES:
Rwy 17R: Climb via heading 173° to 1200 before turning right.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

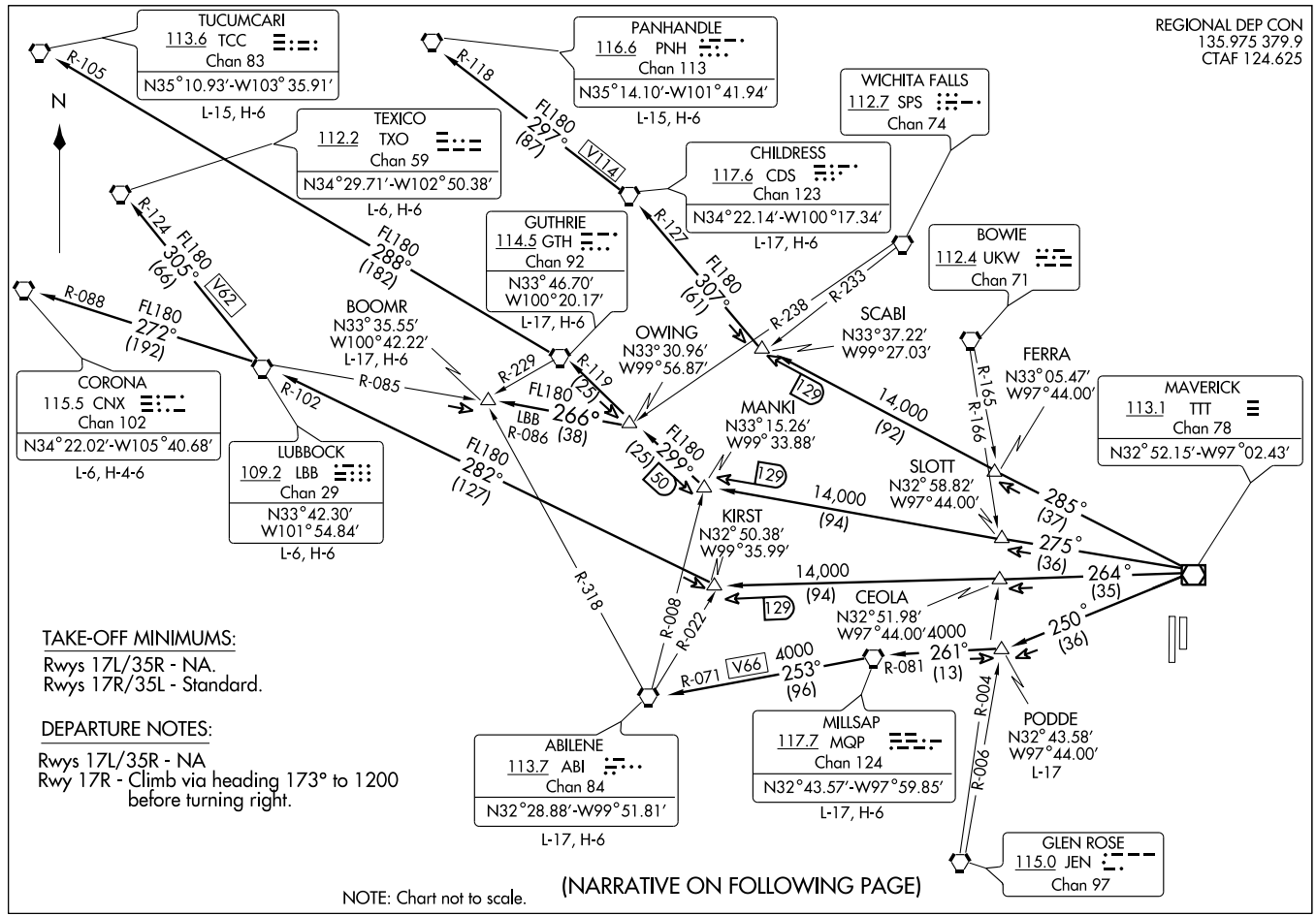
SC-2, 17 DEC 2009 to 14 JAN 2010

WORTH FIVE DEPARTURE

SL-6917 (FAA)

FORT WORTH SPINKS (FWS)

FORT WORTH, TEXAS



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

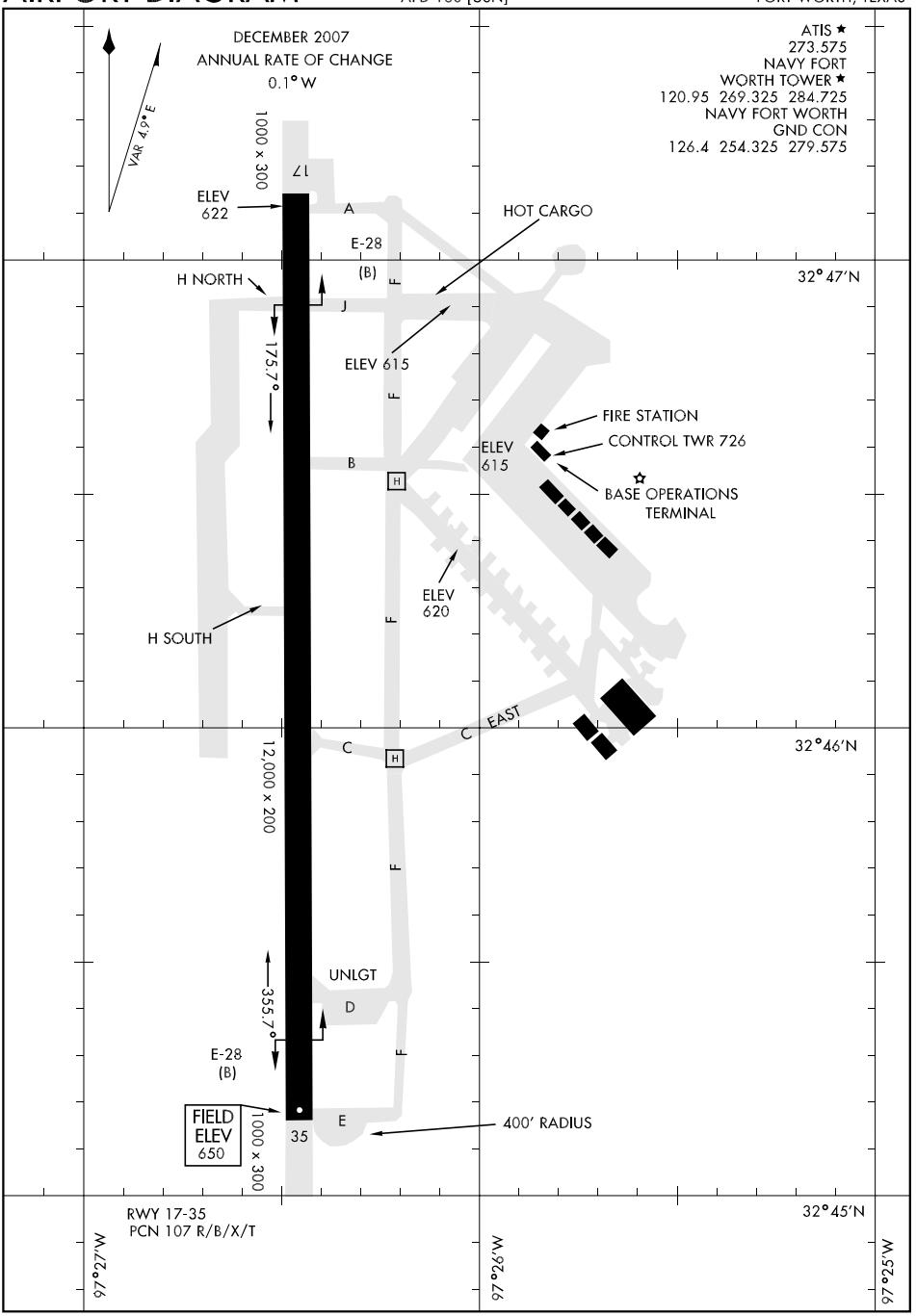
PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

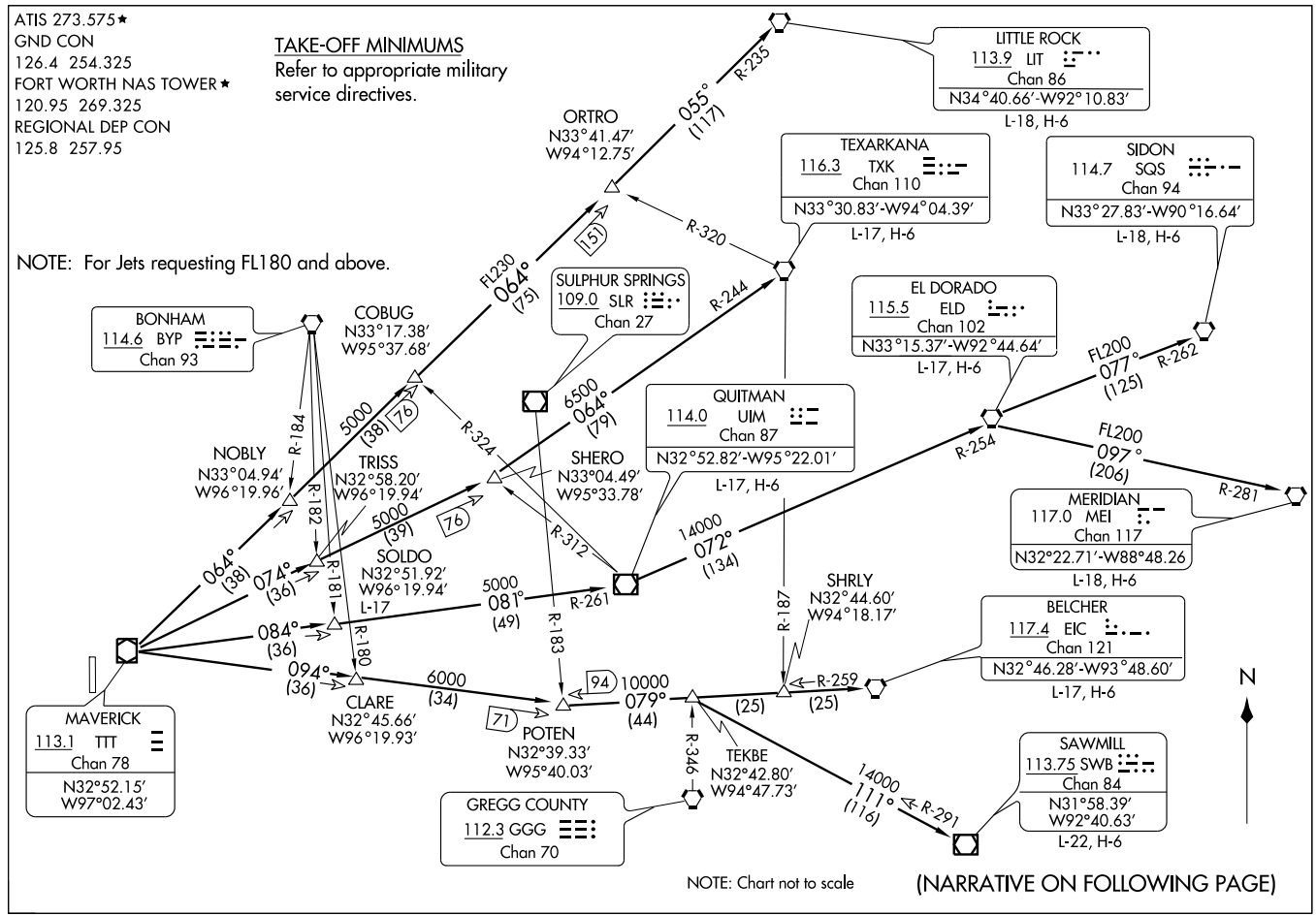
TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



SC-2, 17 DEC 2009 to 14 JAN 2010


ATIS 273.575★
GND CON
126.4 254.325
FORT WORTH NAS TOWER★
120.95 269.325
REGIONAL DEP CON
125.8 257.95
TAKE-OFF MINIMUMS
Refer to appropriate military service directives.
NOTE: For Jets requesting FL180 and above.
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66'-W92°10.83'
L-18, H-6
TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6
SIDON
114.7 SQS
Chan 94
N33°27.83'-W90°16.64'
L-18, H-6
EL DORADO
115.5 ELD
Chan 102
N33°15.37'-W92°44.64'
L-17, H-6
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MERIDIAN
117.0 MEI
Chan 117
N32°22.71'-W88°48.26
L-18, H-6
BELCHER
117.4 EIC
Chan 121
N32°46.28'-W93°48.60'
L-17, H-6
SAWMILL
113.75 SWB
Chan 84
N31°58.39'
W92°40.63'
L-22, H-6
BONHAM
114.6 BYP
Chan 93
SULPHUR SPRINGS
109.0 SLR
Chan 27
GREGG COUNTY
112.3 GGG
Chan 70
MAVERICK
113.1 TTT
Chan 78
N32°52.15'
W97°02.43'
ORTRO
N33°41.47'
W94°12.75'
COBUG
N33°17.38'
W95°37.68'
NOBLY
N33°04.94'
W96°19.96'
TRISS
N32°58.20'
W96°19.94'
SOLDO
N32°51.92'
W96°19.94'
L-17
SHERO
N33°04.49'
W95°33.78'
SHRLY
N32°44.60'
W94°18.17'
CLARE
N32°45.66'
W96°19.93'
POTEN
N32°39.33'
W95°40.03'
TEKBE
N32°42.80'
W94°47.73'
055° (117)
R-235
R-320
FL230
064° (75)
R-244
5000 (38)
76
R-324
6500
064° (79)
FL200
077° (125)
R-262
FL200
097° (206)
R-281
R-254
R-184
R-182
R-181
5000 (39)
76
R-312
14000
072° (134)
064° (38)
074° (36)
084° (36)
094° (36)
5000
081° (49)
R-261
R-187
R-183
R-180
6000 (34)
94
10000
079° (44)
(25)
R-259
(25)
71
R-346
14000
111° (116)
R-291
151
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

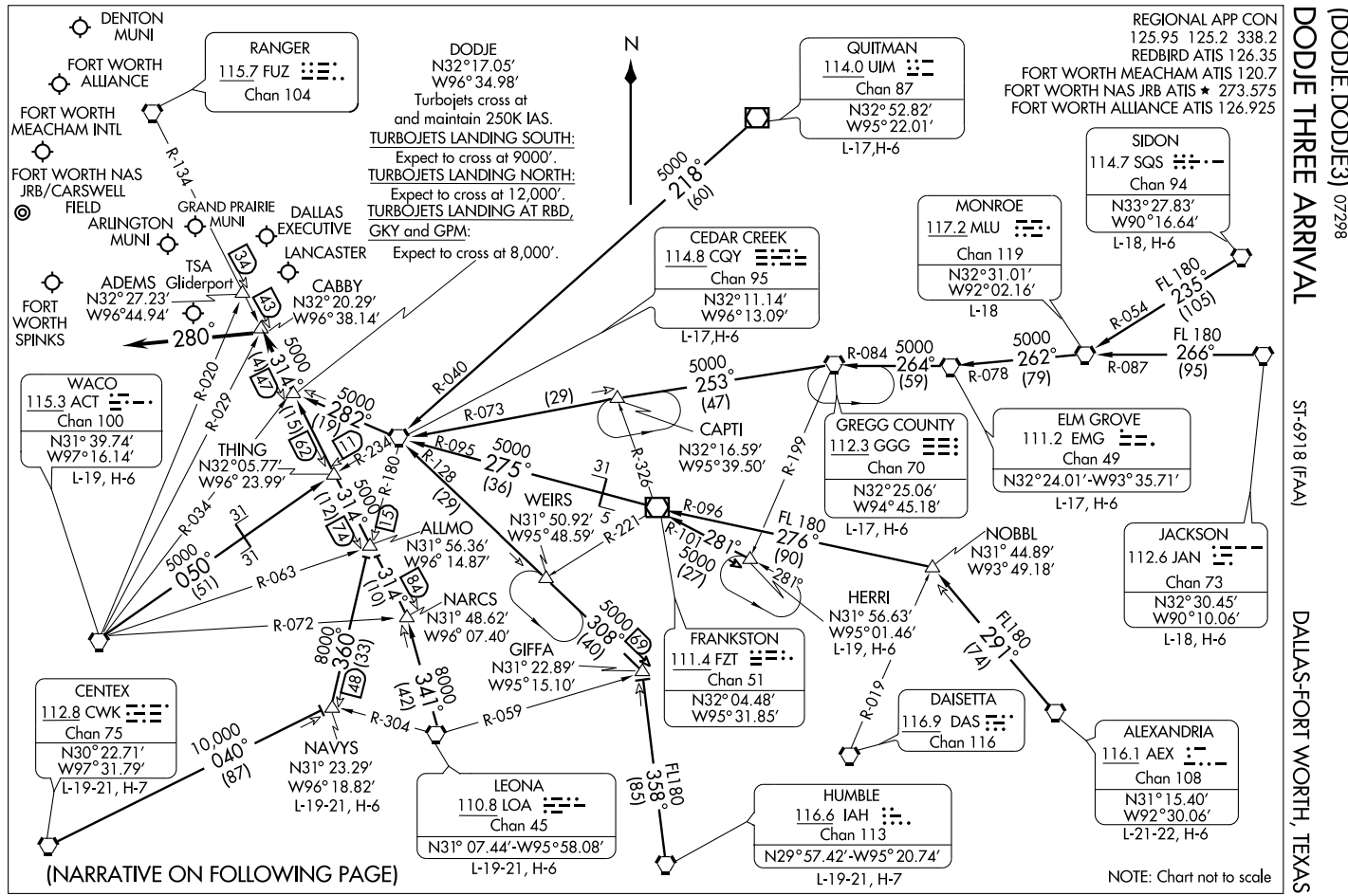
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

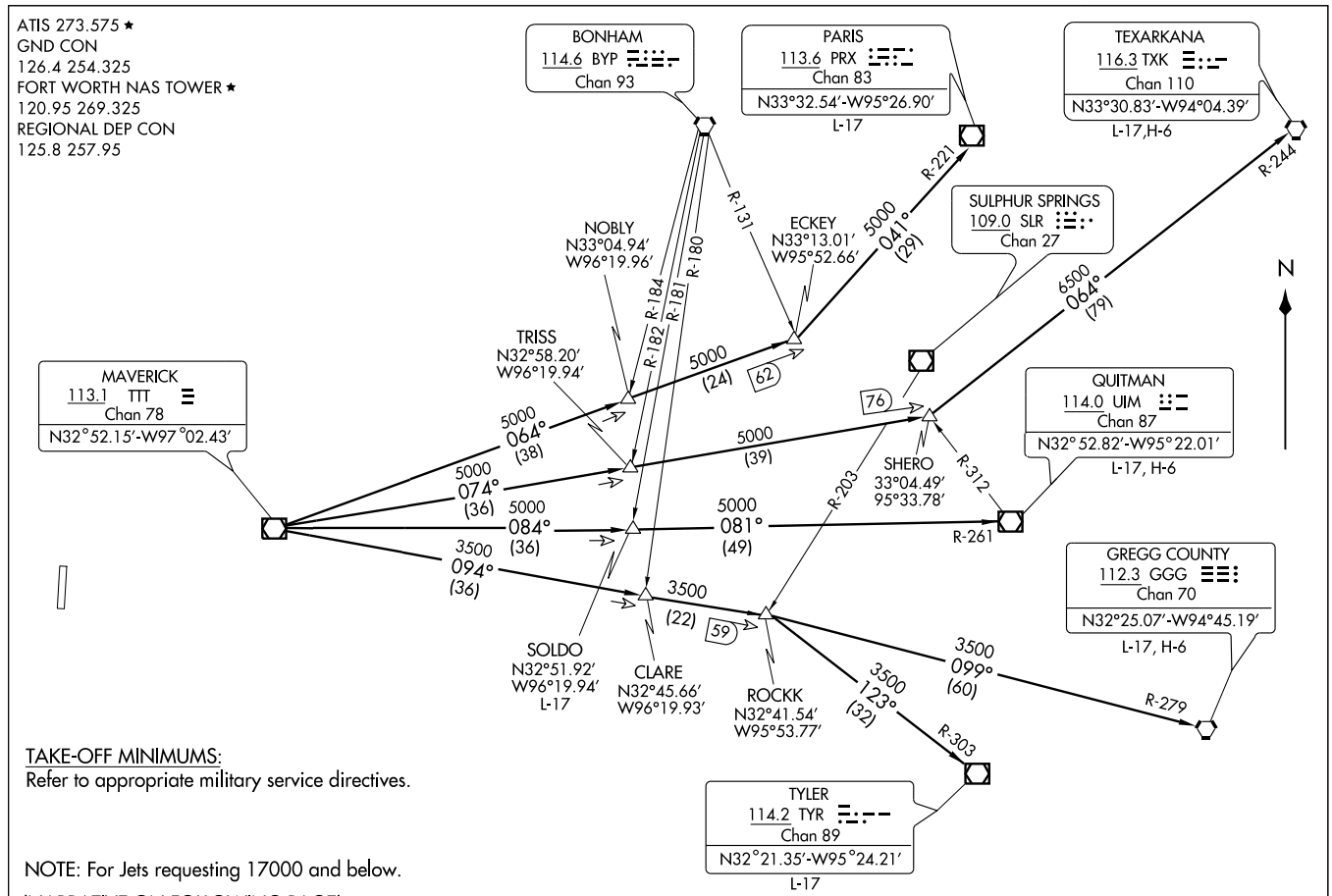
SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

GARLAND THREE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010

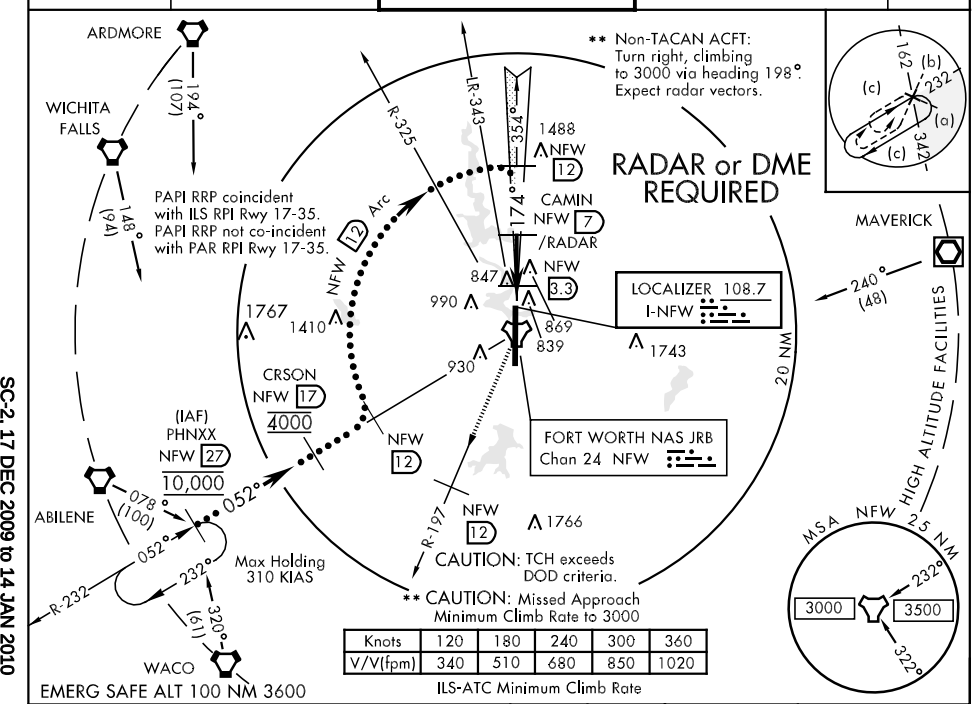
HI-ILS RWY 17

LOC I-NFW	APCH CRS	Rwy Idg / TDZE / Arpt Elev	JAL-160 [USN]	FORT WORTH NAS JRB (CARSWELL FLD) (NFW)
108.7	174°	12,000 / 636 / 650		

* Circling not authorized E of Rwy 17-35.

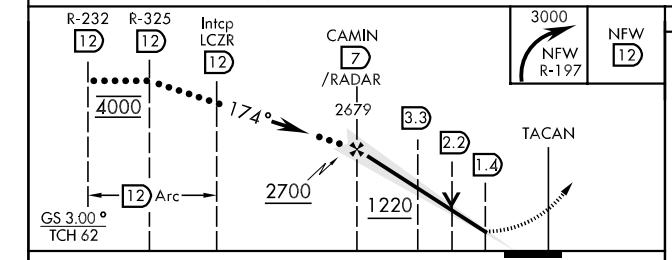
** MISSED APPROACH:Turn right climbing to 3000 via NFW R-197 to 12 DME.

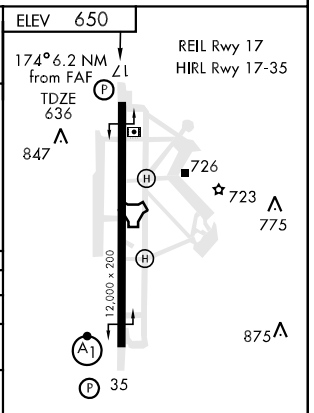
ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	



Knots	120	180	240	300	360
V/V(fpm)	340	510	680	850	1020

ILS-ATC Minimum Climb Rate





CATEGORY	C	D	E
S-ILS 17	836-¾ 200 (200-¾)		
S-LOC/DME 17	1080-1¼ 444 (500-1¼)	1080-1½ 444 (500-1½)	
S-LOC 17	1220-1½ 584 (600-1½)	1220-1¾ 584 (600-1¾)	1220-2 584 (600-2)
CIRCLING*	1240-1½ 590 (600-1½)	1300-2 650 (700-2)	1300-2¼ 650 (700-2¼)
S-PAR 17	836-¾ 200 (200-¾) GS 3.00°		

FAF to MAP 5.6 NM					
Knots	120	140	160	180	200
Min:Sec	2:48	2:24	2:06	1:52	1:41

SC-2, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 35

LOC I-FWH	APCH CRS	Rwy ldg 12,000 / TDZE 650 / Arpt Elev 650
109.3	354°	

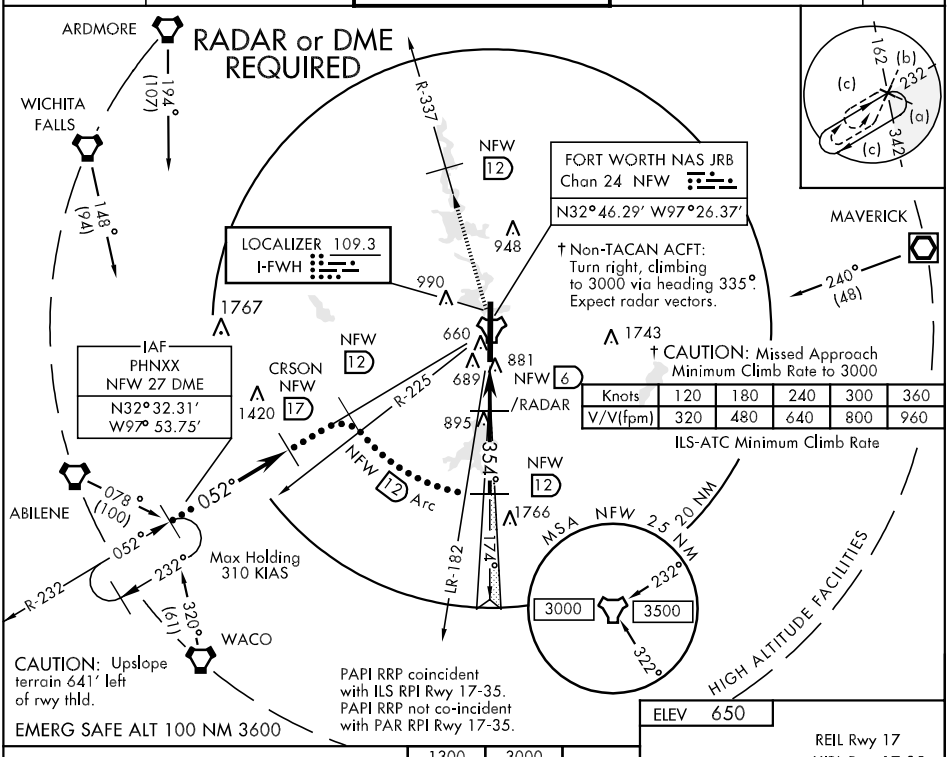
JAL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (NFW)

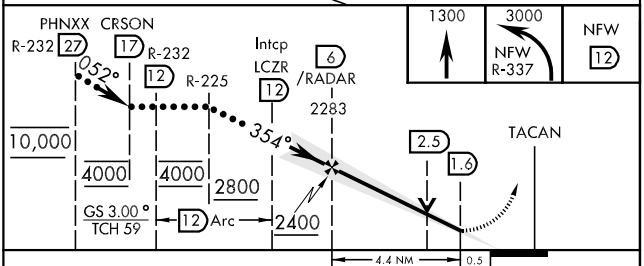
▼ *When ALS inop, increase vis ¼ mile.
**When ALS inop, increase vis ½ mile.
***Circling not authorized E of Rwy 17-35.

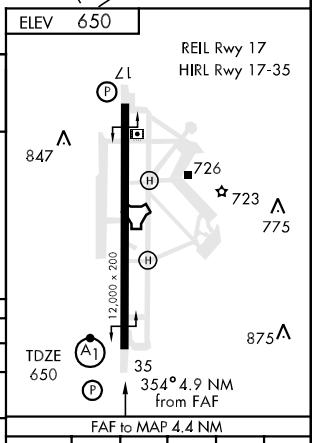
ALSF-1 (A1)

†MISSED APPROACH: Climb to 1300 via runway heading. Then turn left climbing to 3000, intercept the NFW R-337 to 12 DME.

ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	







CATEGORY	C	D	E
S-ILS 35*	900-¾ 250 (300-¾)		
S-LOC 35**	1140-¾ 490 (500-¾)	1140-1 490 (500-1)	1140-1¼ 490 (500-1¼)
CIRCLING***	1240-1½ 590 (600-1½)	1300-2 650 (700-2)	1300-2¼ 650 (700-2¼)
S-PAR 35*	900-¾ 250 (300-¾) GS 3.00°		

FAF to MAP 4.4 NM

Knots	120	140	160	180	200
Min:Sec	2:12	1:53	1:39	1:28	1:19

HI-TACAN RWY 17

TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev
NFW Chan 24	172°	12,000 / 636 / 650

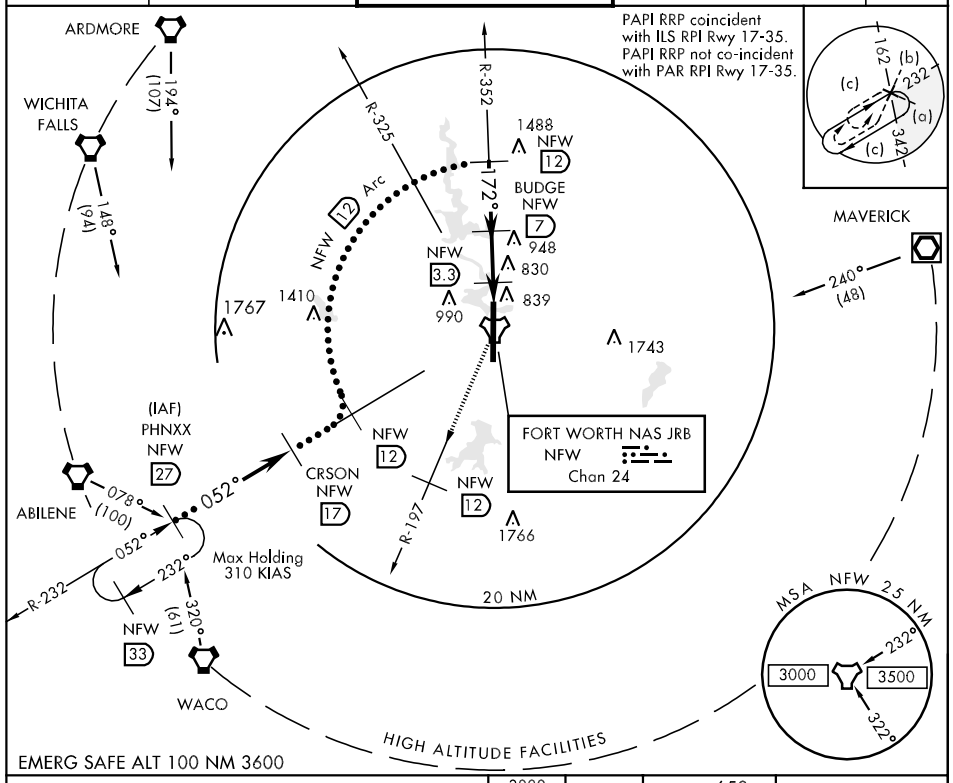
JAL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (KNFW)

* Circling not authorized E of Rwy 17-35.

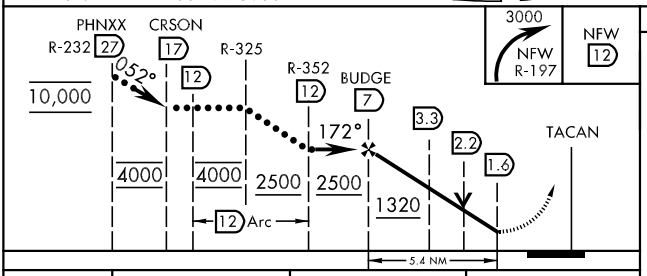
MISSED APPROACH: Climbing right turn to 3000 via the NFW R-197 to 12 DME.

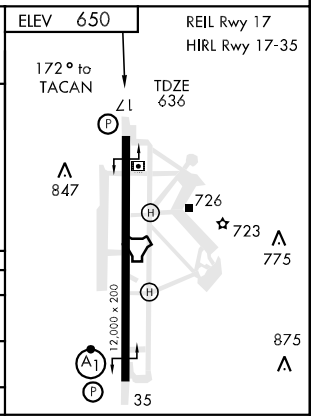
ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	

PAPI RRP coincident with ILS RPI Rwy 17-35.
PAPI RRP not co-incident with PAR RPI Rwy 17-35.



EMERG SAFE ALT 100 NM 3600





CATEGORY	C	D	E
S-17	1100-1¼ 464 (500-1¼)	1100-1½ 464 (500-1½)	1100-1¾ 464 (500-1¾)
CIRCLING *	1240-1½ 590 (600-1½)	1300-2 650 (700-2)	1300-2¼ 650 (700-2¼)
S-PAR 17	836-¾ 200 (200-¾) GS 3.00°		

HI-TACAN RWY 35

TACAN	APCH CRS	Rwy Idg	TDZE	Arpt Elev
NFW Chan 24	355°	12,000	650	650

JAL-160 [USN]

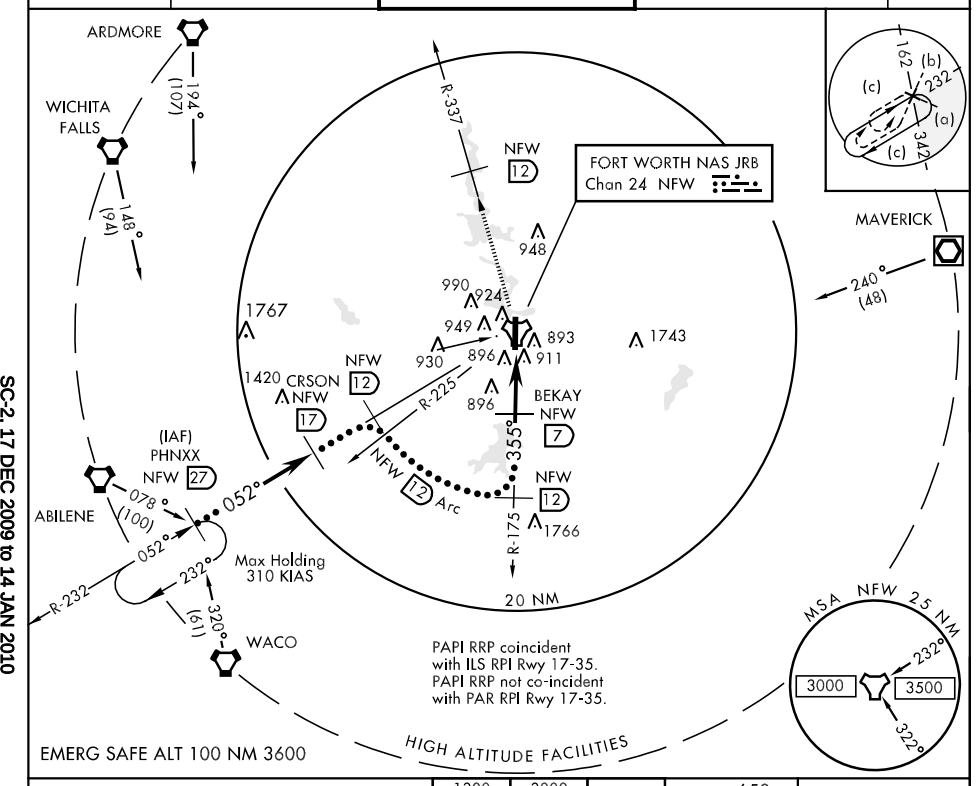
FORT WORTH NAS JRB (CARSWELL FLD) (NFW)

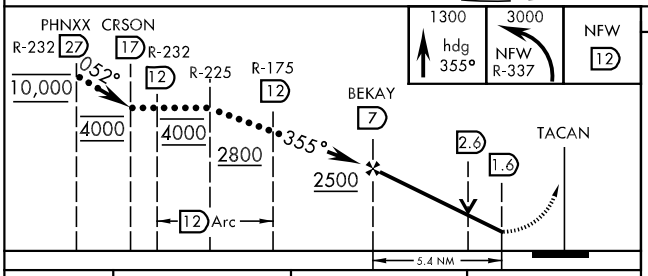
* When ALS inop, increase vis CAT C to 1½ miles, CAT DE to 1¾ miles.
** Circling not authorized E of Rwy 17-35.
*** When ALS inop, increase vis 1 mile.

ALSF-1

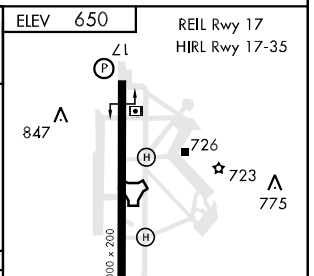
MISSED APPROACH: Climb to 1300 heading 355°, then a climbing turn left to 3000 via the NFW R-337 to 12 DME.

ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	





1300 hdg 355°	3000 NFW R-337	NFW 12

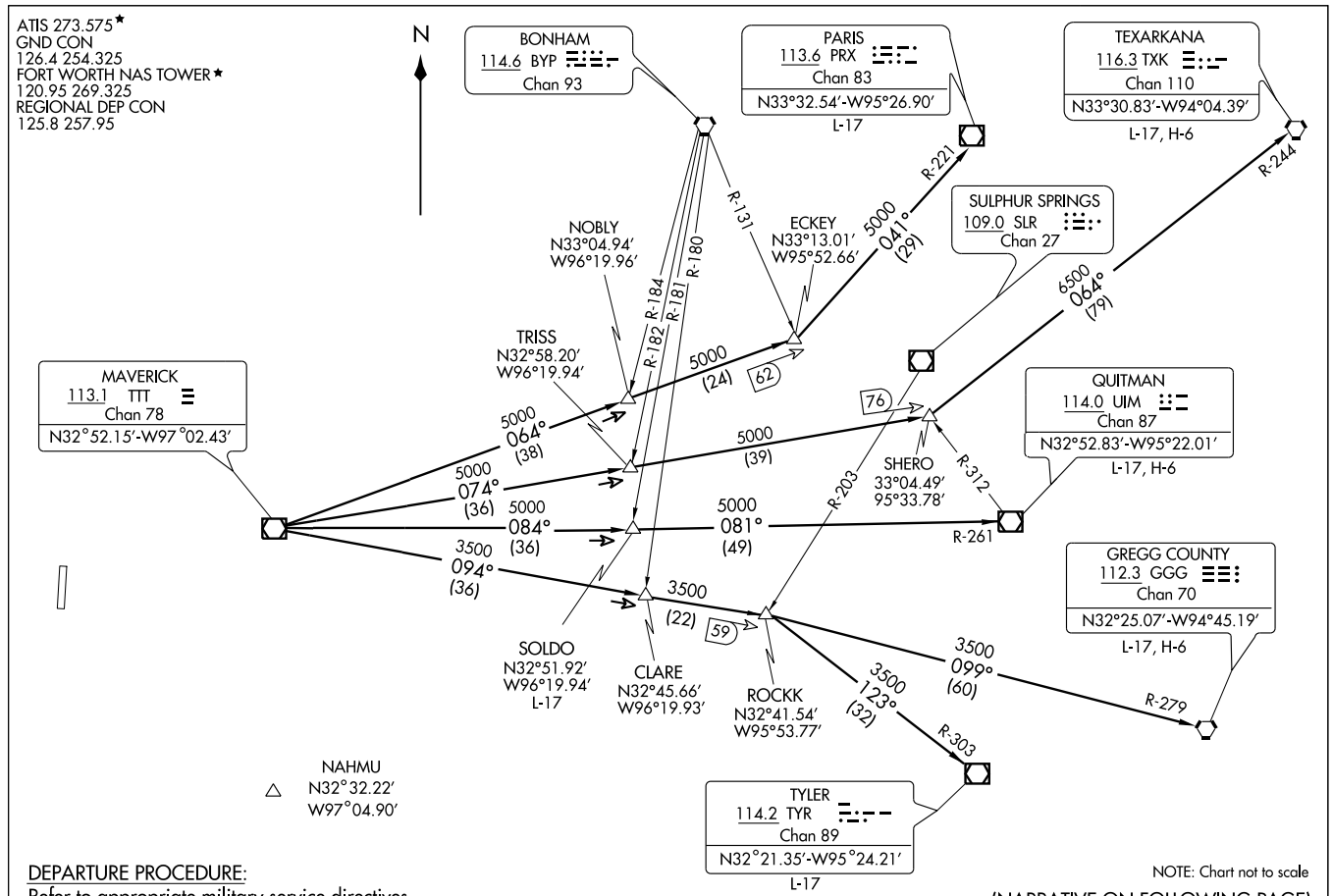


CATEGORY	C	D	E
S-35*	1180-1 530 (600-1)	1180-1¼ 530 (600-1¼)	
CIRCLING **	1240-1½ 590 (600-1½)	1300-2 650 (700-2)	1300-2¼ 650 (700-2¼)
S-PAR 35***	900-¾ 250 (300-¾) GS 3.00°		

HUBBARD SIX DEPARTURE

FORT WORTH NAS JRB/CARSWELL FIELD (NFW)

FORT WORTH, TEXAS



DEPARTURE PROCEDURE:
Refer to appropriate military service directives.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010

ILS RWY 17

LOC I-NFW 108.7	APCH CRS 174°	Rwy ldg 12,000 TDZE 636 Arpt Elev 650

AL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (NFW)

*Circling not authorized E of Rwy 17-35.

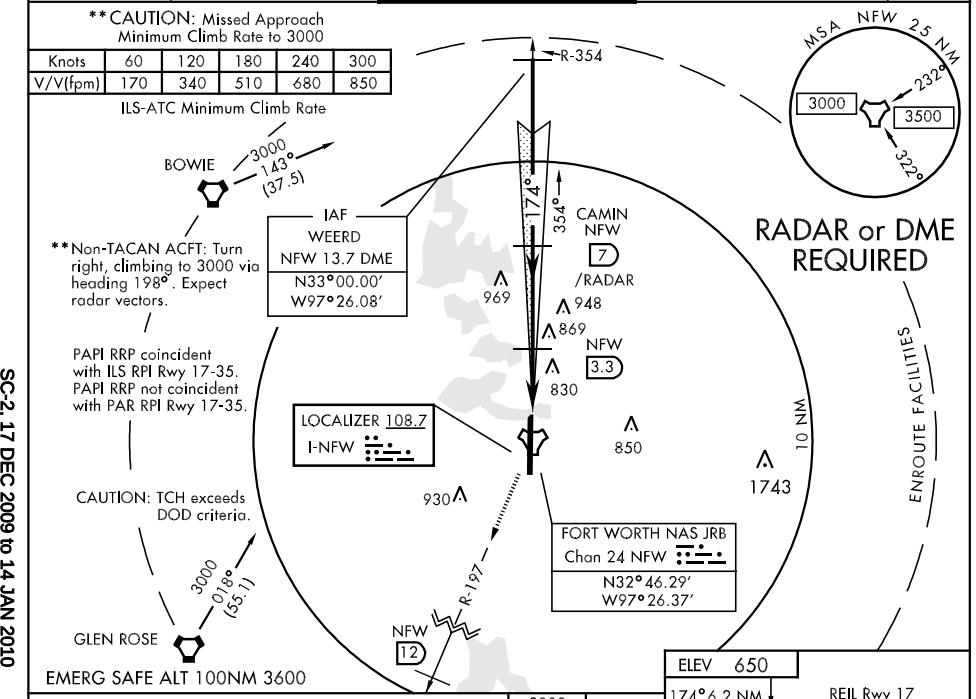
**MISSED APPROACH: Turn right climbing 3000, out the NFW R-197 to 12 DME.

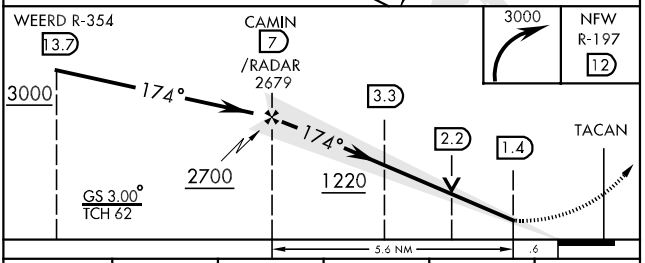
ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	

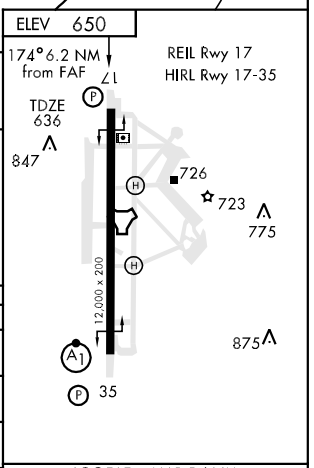
**CAUTION: Missed Approach Minimum Climb Rate to 3000

Knots	60	120	180	240	300
V/V(fpm)	170	340	510	680	850

ILS-ATC Minimum Climb Rate







CATEGORY	A	B	C	D	E
S-ILS 17	836-¾		200	(200-¾)	
S-LOC/DME 17	1080-1 444(500-1)		1080-1¼ 444(500-1¼)	1080-1½ 444(500-1½)	
S-LOC 17	1220-1 584 (600-1)		1220-1½ 584(600-1½)	1220-1¾ 584(600-1¾)	1220-2 584 (600-2)
CIRCLING*	1220-1 570 (600-1)		1240-1½ 590(600-1½)	1300-2 650 (700-2)	1300-2¼ 650(700-2¼)
S-PAR 17	836-¾	200	(200-¾)	GS 3.0°	

LOC FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:35	3:43	2:47	2:14	1:51

SC-2, 17 DEC 2009 to 14 JAN 2010

ILS RWY 35

LOC I-FWH 109.3	APCH CRS 354°	Rwy ldg 12,000 TDZE 650 Arpt Elev 650

AL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (NFW)

* When ALS inop, increase vis CAT CDE ¼ mile.
** When ALS inop, increase vis CAT AB ¼ mile, CAT CDE ½ mile.
*** Circling not authorized E of Rwy 17-35.

ALSF-1

† MISSED APPROACH: Climb to 1300 via runway heading. Then climbing left turn to 3000, intercept the NFW R-337 to 12 DME.

ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	

RADAR or DME REQUIRED

NFW 12 R-337

† CAUTION: Missed Approach Minimum Climb Rate to 3000

Knots	60	120	180	240	300
V/V(fpm)	160	320	480	640	800

ILS-ATC Minimum Climb Rate

LOCALIZER 109.3 I-FWH

969 948

FORT WORTH NAS JRB Chan 24 NFW
N32°46.29′ W97°26.37′

CAUTION: Upslope terrain 641′ left of rwy thld.

† Non-TACAN ACFT: Climb to 1300 via runway heading. Then climbing left turn to 3000 via heading 335°.

RADAR VECTORS TO IAF

990 660 848 930 826 881 866 895

10 NM 1743

ENROUTE FACILITIES

MSA NFW 25 NM 232° 322° 3000 3500

PAPI RRP coincident with ILS RPI Rwy 17-35.
PAPI RRP not coincident with PAR RPI Rwy 17-35.

NFW 6 /RADAR

354°

GLEN ROSE 3000 035° (32.9)

(IAF) LUCCK NFW 12 /RADAR

174° R-174

EMERG SAFE ALT 100NM 3600

LUCCK 12 /RADAR

6 /RADAR

2800 354° 2283 2.5 1.6 TACAN

GS 3.00° TCH 59

2400

6.0 NM 4.4 NM 0.5

1300 Rwy Hdg	3000	NFW R-337 12

ELEV 650

REIL Rwy 17
HIRL Rwy 17-35

847 726 723 775 875

TDZE 650

12,000 x 200

35

354° 4.9 NM from FAF

CATEGORY	A	B	C	D	E
S-ILS 35*	900-¾		250	(300-¾)	
S-LOC 35**	1140-¾	490	(500-¾)	1140-1 490(500-1)	1140-1¼ 490(500-1¼)
CIRCLING***	1220-1	570 (600-1)	1240-1½ 590(600-1½)	1300-2 650 (700-2)	1300-2¼ 650(700-2¼)
S-PAR 35*	900-¾		250	(300-¾)	GS 3.00°

LOC FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-2, 17 DEC 2009 to 14 JAN 2010

JOE POOL FOUR DEPARTURE

SL-160 (FAA)

ATIS 273.575*
NAVY FORT WORTH GND CON
126.4 254.325 279.575
NAVY FORT WORTH TOWER*
120.95 269.325 284.725
REGIONAL DEP CON
125.8 257.95

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

TAKE-OFF MINIMUMS:
Refer to appropriate military service directives.

186° (36)
176° (35)
166° (35)
156° (37)

TSA Gliderport

NELYN
N32°17.10'
W97°11.15'

DARTZ
N32°17.07'
W96°48.93'

CEDAR CREEK
114.8 CQY
Chan 95

R-072
R-074
R-273
R-275

JASPA
N32°17.10'
W97°03.54'
L-17

ARDIA
N32°17.10'
W96°56.27'
L-17

GLEN ROSE
115.0 JEN
Chan 97

156° (25)
62
BRDEN
N31°53.06'
W96°39.80'

4000
177° (38)
7000 (35)
8000 (45)
6000 (23)

R-357
70
ELLVR
N31°42.49'
W96°50.27'
L-19, H-6

TNV
R-334
85
154°
11 NM
TORNN
N31°31.22'
W96°30.88'
H-6

WACO
115.3 ACT
Chan 100
N31° 39.74'-W97° 16.14'
L-19, H-6

R-074
R-093
R-120
80

LEONA
110.8 LOA
Chan 45

6000
156° (22)
187
R-268

WINDU
N31°31.83'
W97°04.95'
L-19, H-6

12000
193° (70)
7000
154° (69)
R-334

BILEE
N31°09.75'
W96°23.31'
L-19-21, H-6

COLLEGE STATION
113.3 CLL
Chan 80
N30° 36.30'-W96° 25.24'
L-19-21,H-7

HOARY
N30°34.63'
W97°46.52'
L-19-21, H-7

R-012
R-307

NAVASOTA
115.9 TNV
Chan 106

CENTEX
112.8 CWK
Chan 75

12000
204° (66)

SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64'
W98°27.68'
L-19,H-7

R-024

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

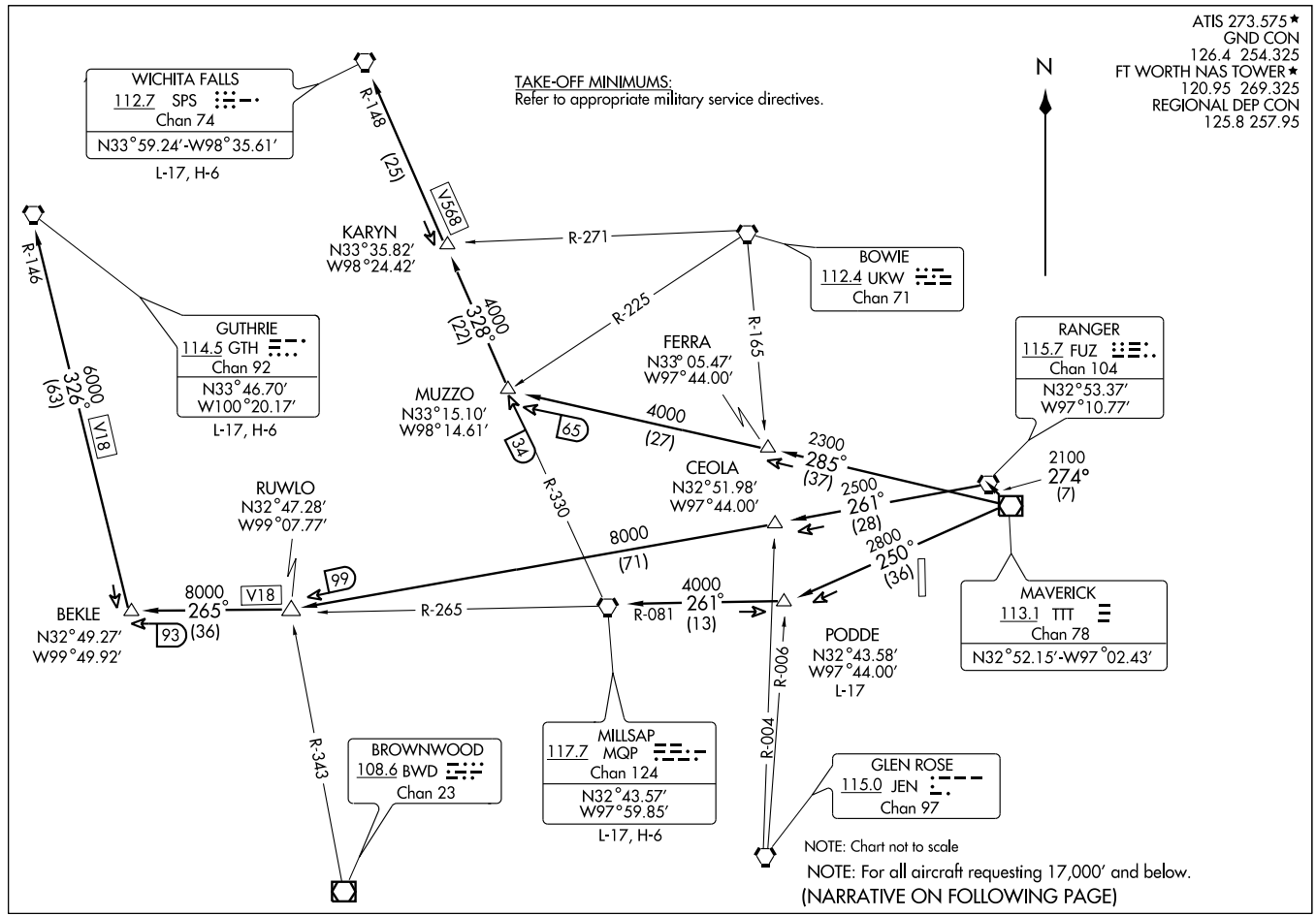
SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE

SL-160 (FAA)

FORT WORTH NAS JRB/CARSWELL FIELD (NFW)

FORT WORTH, TEXAS



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

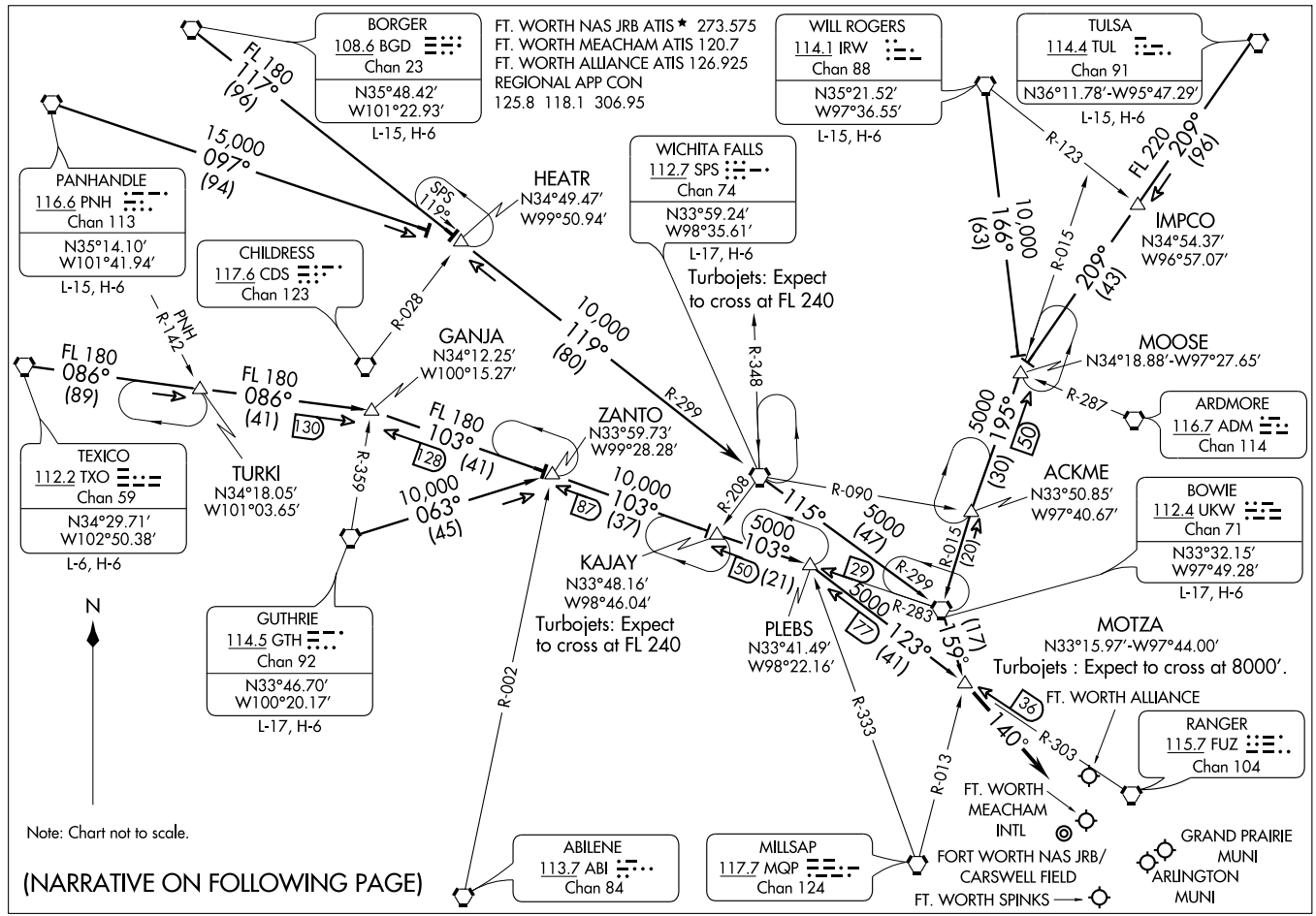
GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.

MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.

WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

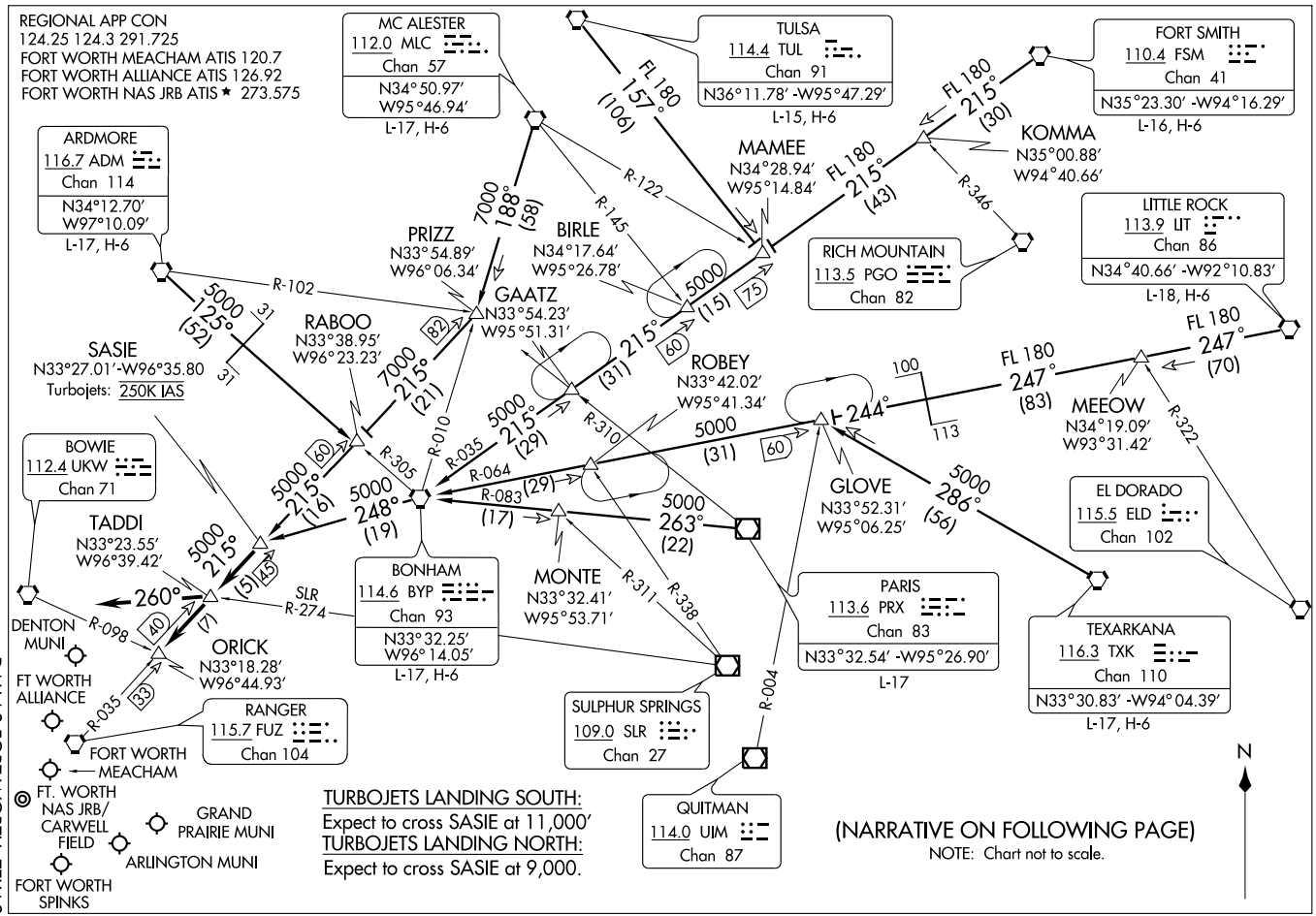
TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

ARRIVAL DESCRIPTION

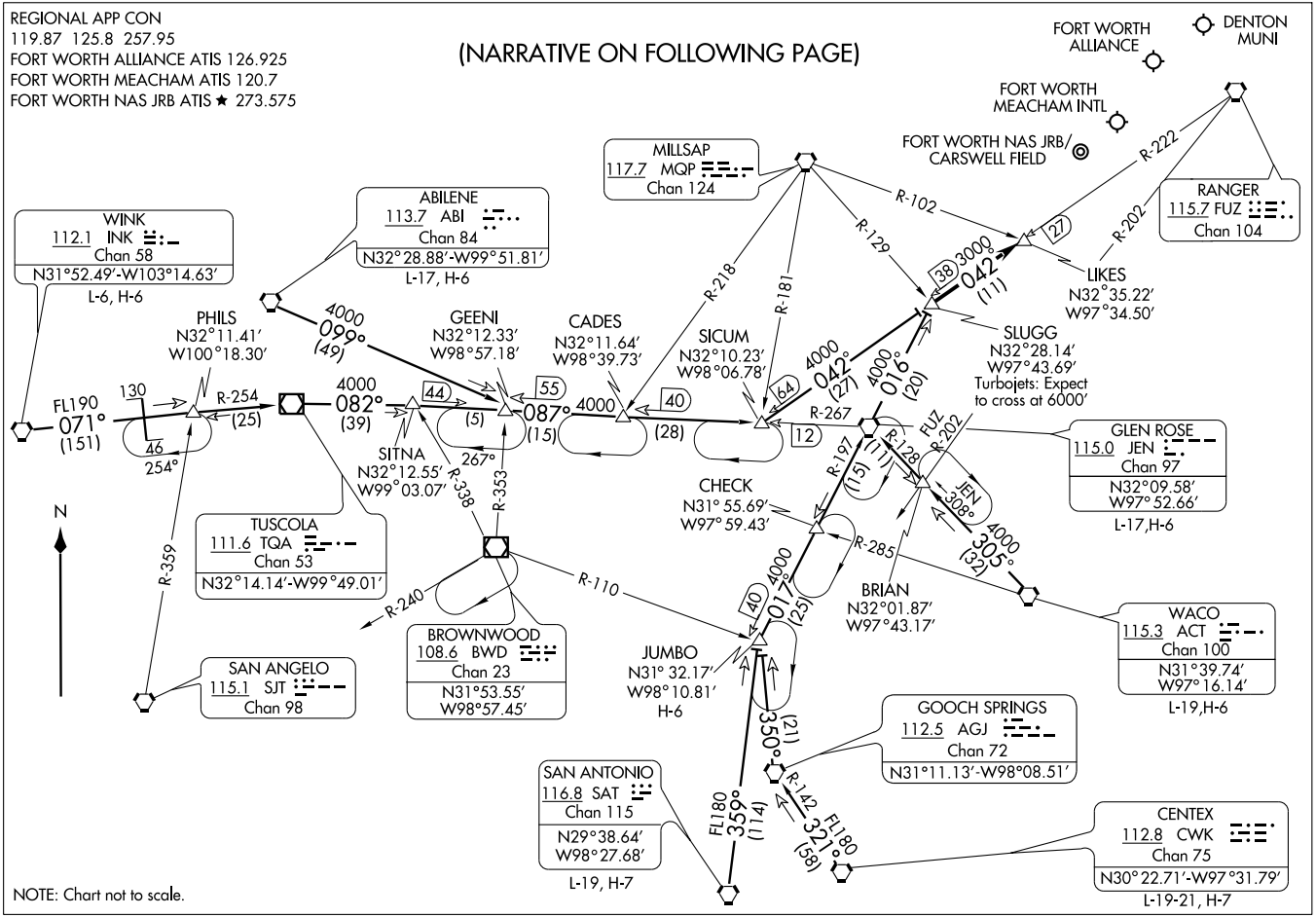
ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

SLUGG SIX ARRIVAL

REGIONAL APP CON
119.87 125.8 257.95
FORT WORTH ALLIANCE ATIS 126.925
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575

(NARRATIVE ON FOLLOWING PAGE)



ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.SLUGG6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

CENTEX TRANSITION (CWK.SLUGG6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.SLUGG6): From over JEN VORTAC via JEN R-016 to SLUGG INT. Thence . . . .

JUMBO TRANSITION (JUMBO.SLUGG6): From over JUMBO INT via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.SLUGG6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via JEN R-197 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WACO TRANSITION (ACT.SLUGG6): From over ACT VORTAC via ACT R-305 and JEN R-128 to JEN VORTAC, then via JEN R-016 to SLUGG INT. Thence . . . .

WINK TRANSITION (INK.SLUGG6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to SICUM INT, then via FUZ R-222 to SLUGG INT. Thence . . . .

. . . . From over SLUGG INT, via FUZ R-222 to LIKES INT. Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 17

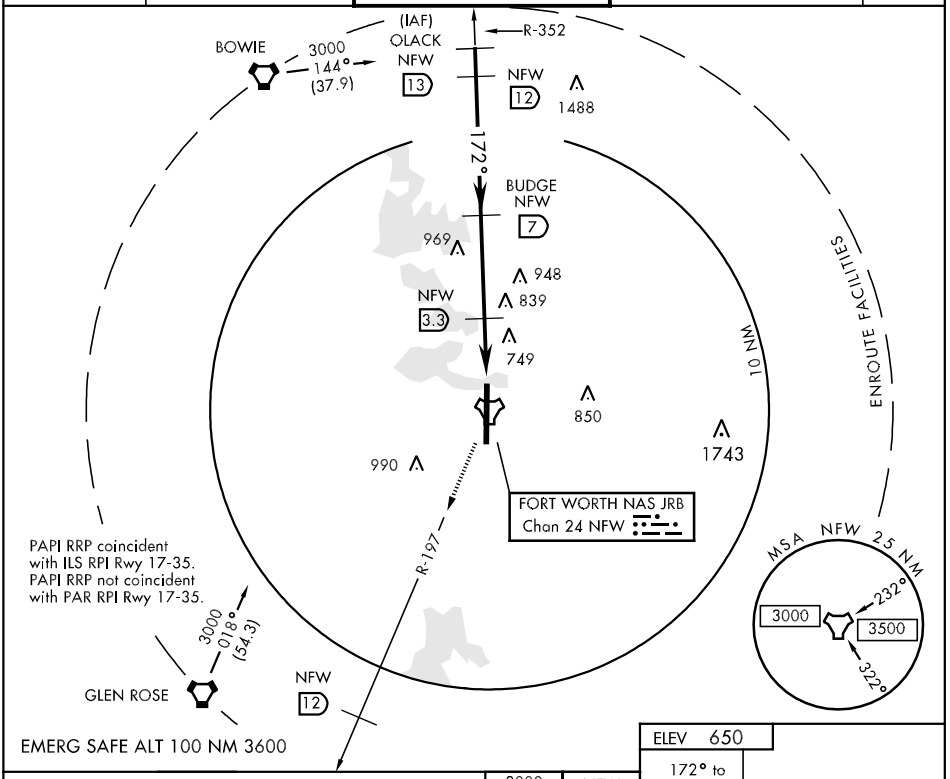
TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev
Chan 24	172°	12,000 / 636 / 650

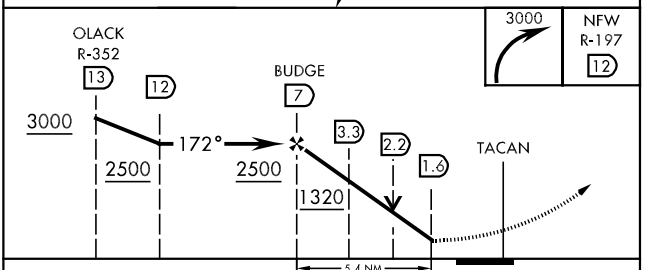
AL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (KNFW)

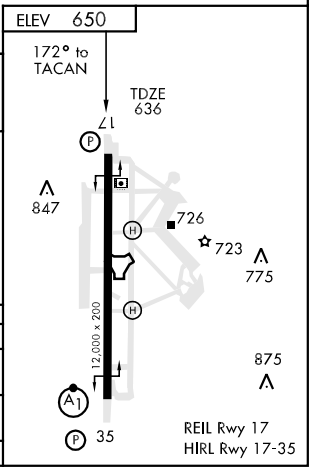
* Circling not authorized E of Rwy 17-35.

MISSED APPROACH: Climbing right turn to 3000, via the NFW R-197 to 12 DME.

ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	







CATEGORY	A	B	C	D	E
S-17	1100-1		1100-1¼	1100-1½	1100-1¾
	464 (500-1)		464(500-1¼)	464(500-1½)	464(500-1¾)
CIRCLING*	1220-1		1240-1½	1300-2	1300-2¼
	570 (600-1)		590 (600-1½)	650 (700-2)	650(700-2¼)
S-PAR 17	836-¾		200 (200-¾)		GS 3.0°

SC-2, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 35

TACAN	APCH CRS	Rwy ldg	12,000
Chan 24	355°	TDZE	650
		Arpt Elev	650

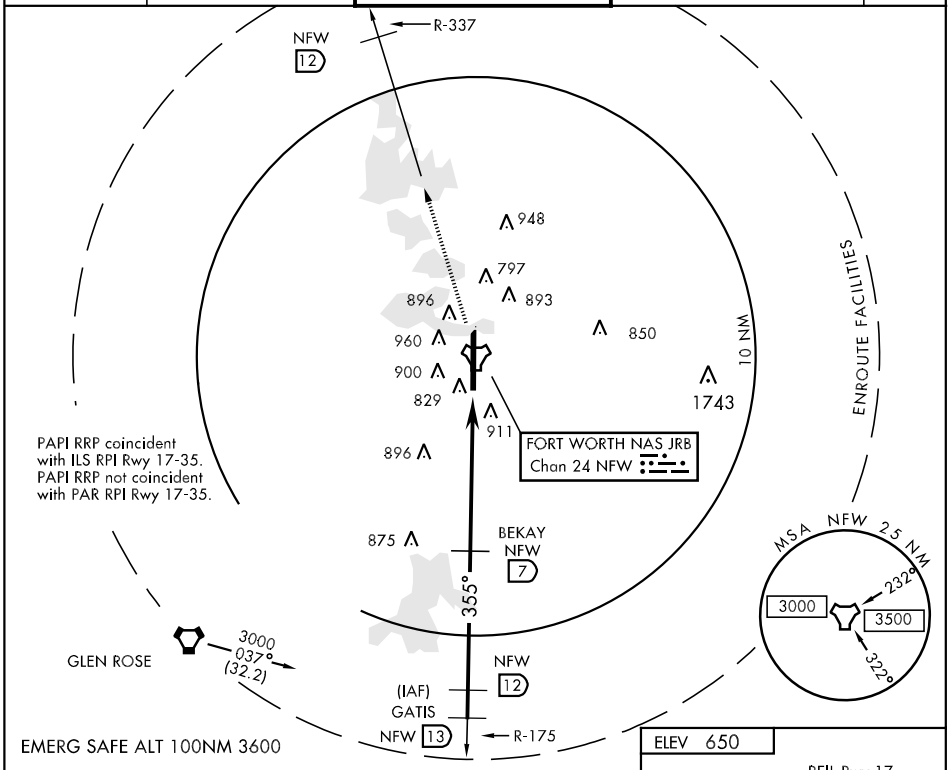
AL-160 [USN] FORT WORTH NAS JRB (CARSWELL FLD) (NFW)

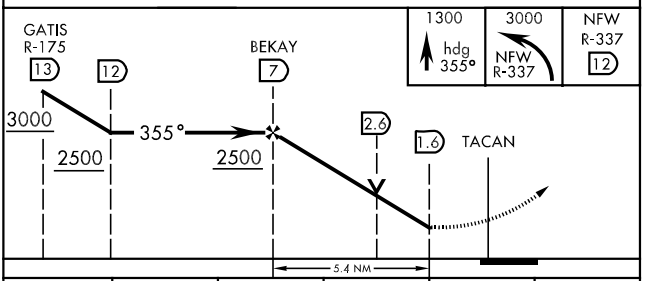
▼ *When ALS inop, increase vis CAT AB to 1 mile, CAT C to 1½ miles, CAT DE to 1¾ miles.
**Circling not authorized E of Rwy 17-35.
***When ALS inop, increase vis CAT CDE to 1 mile.

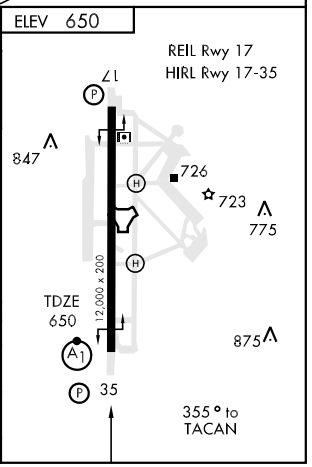
ALSF-1

MISSED APPROACH: Climb to 1300 on heading 355°, then climbing left turn to 3000, via the NFW R-337 to 12 DME.

ATIS ★	REGIONAL APP CON	NAVY FORT WORTH TOWER ★	NAVY FORT WORTH GND CON	ASR/PAR
273.575	125.8 257.95	120.95 269.325 284.725	126.4 254.325 279.575	







CATEGORY	A	B	C	D	E
S-35*	1180-¾ 530 (600-¾)		1180-1 530(600-1)	1180-1¼ 530 (600-1¼)	
CIRCLING**	1220-1 570 (600-1)		1240-1½ 590(600-1½)	1300-2 650 (700-2)	1300-2¼ 650(700-2¼)
S-PAR 35***	900-¾ 250 (300-¾)			GS 3.00°	

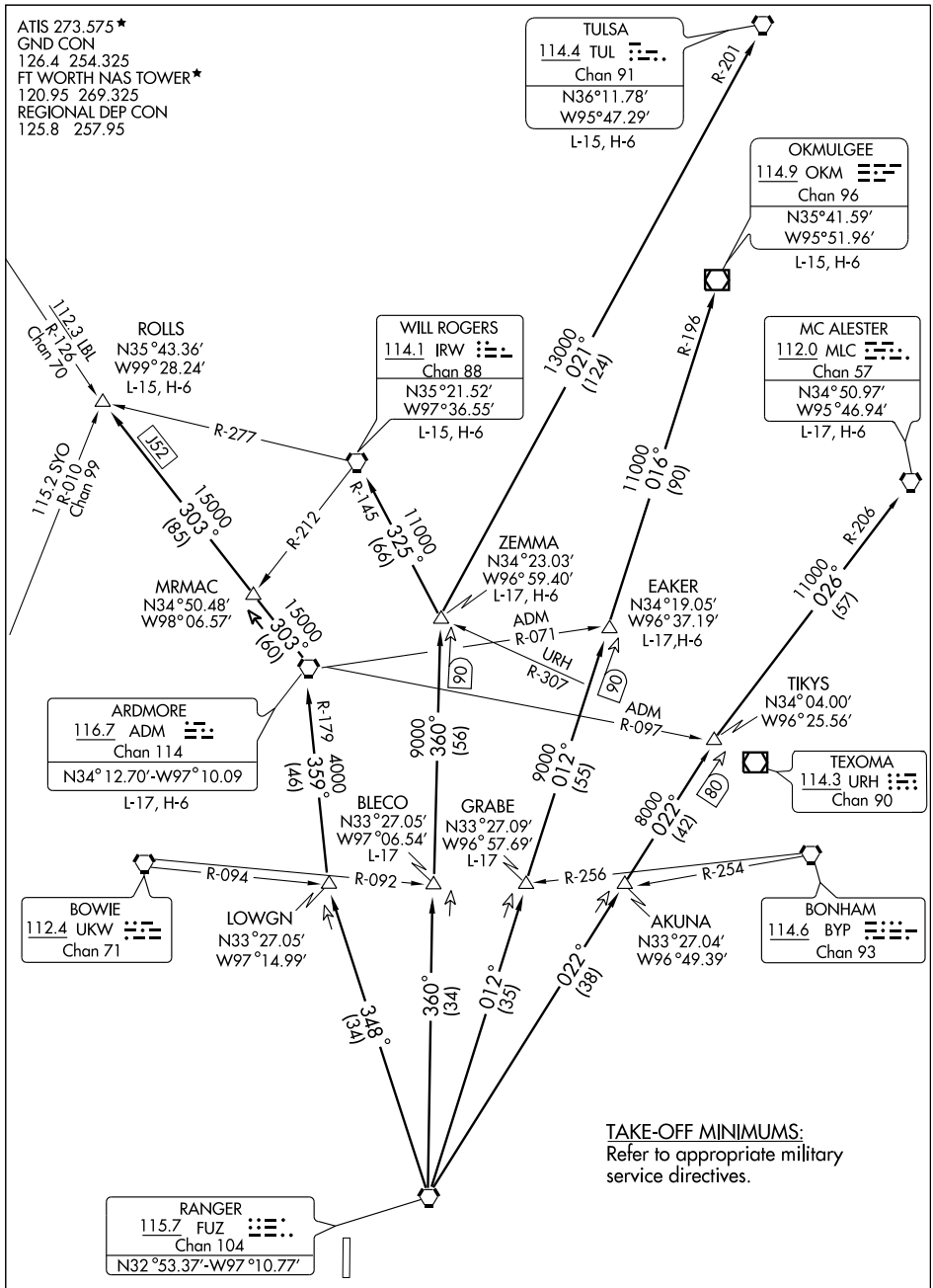
(TEX1.FUZ) 09351

TEXOMA ONE DEPARTURE

FORT WORTH NAS JRB/CARSWELL FIELD (NFW)

SL-160 (FAA)

FORT WORTH, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

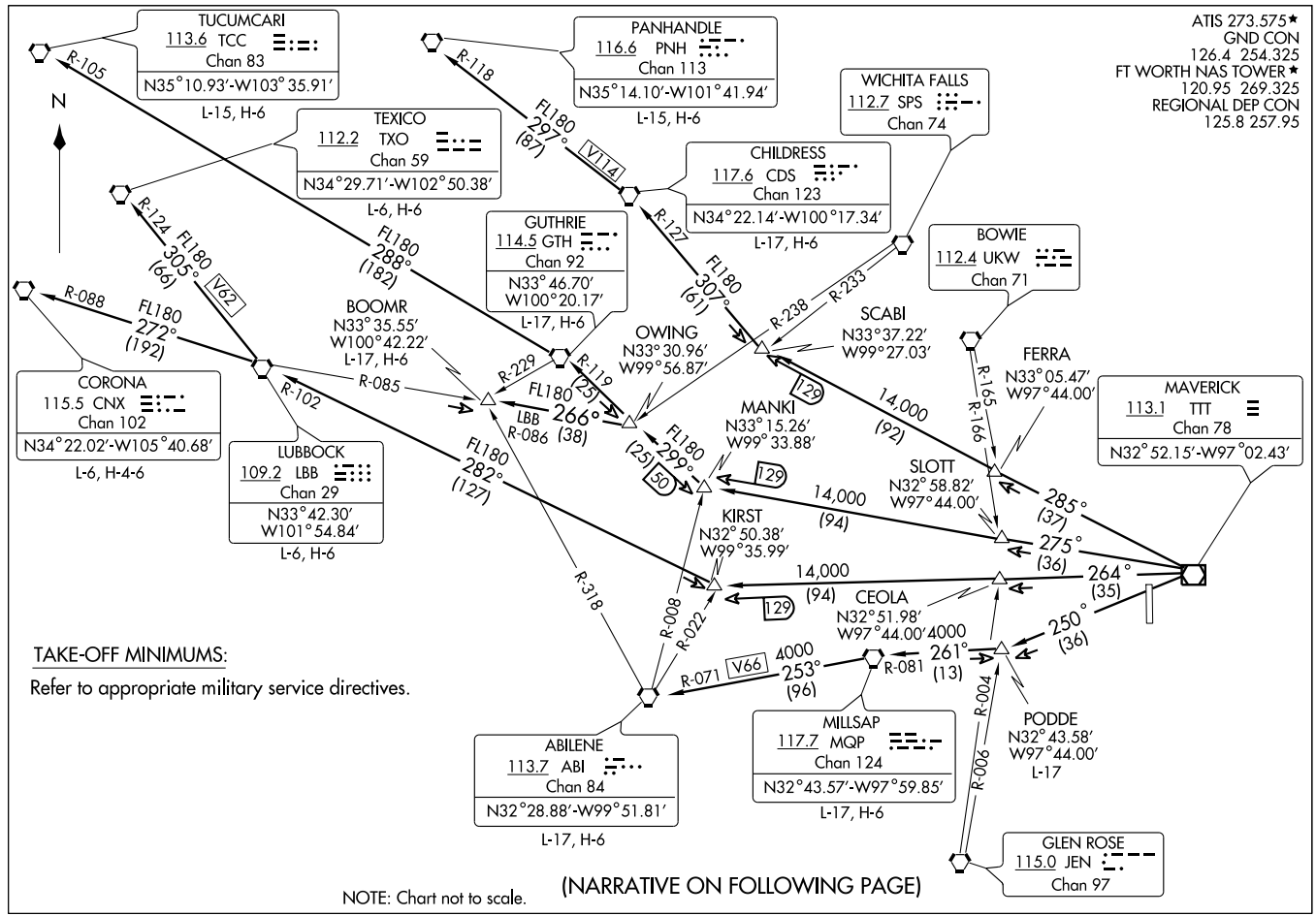
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010



(FWORTH5.1111) 08269

WORTH FIVE DEPARTURE

SL-160 (FAA)

FORT WORTH NAS JRB/CARSWELL FIELD (NFW)

FORT WORTH, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
141°	TDZE	1695
	Apt Elev	1695

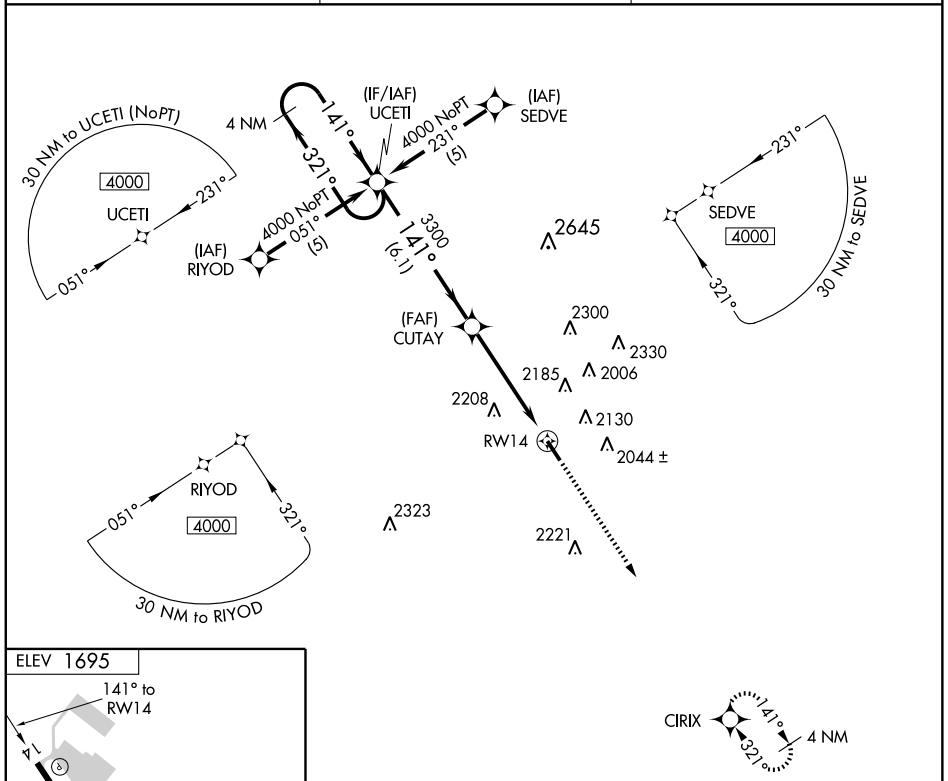
RNAV (GPS) RWY 14

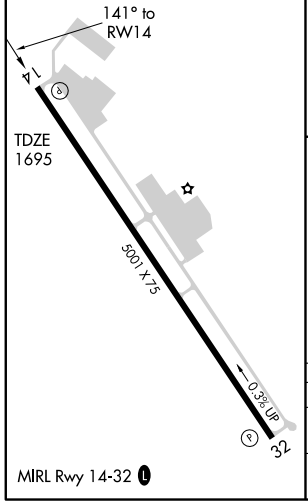
FREDERICKSBURG/GILLESPIE COUNTY (T82)

DME/DME RNP-0.3 NA.

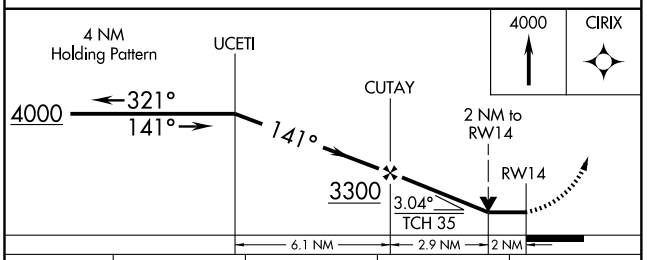
MISSED APPROACH: Climb to 4000 direct CIRIX and hold.

AWOS-3	HOUSTON CENTER	UNICOM
120.00	134.2 307.3	122.7 (CTAF) L





MIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LNAV MDA	2380-1	685 (700-1)	2380-2 685 (700-2)	NA
CIRCLING	2380-1	685 (700-1)	2480-2¼ 785 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
321°	TDZE	1682
	Apt Elev	1695

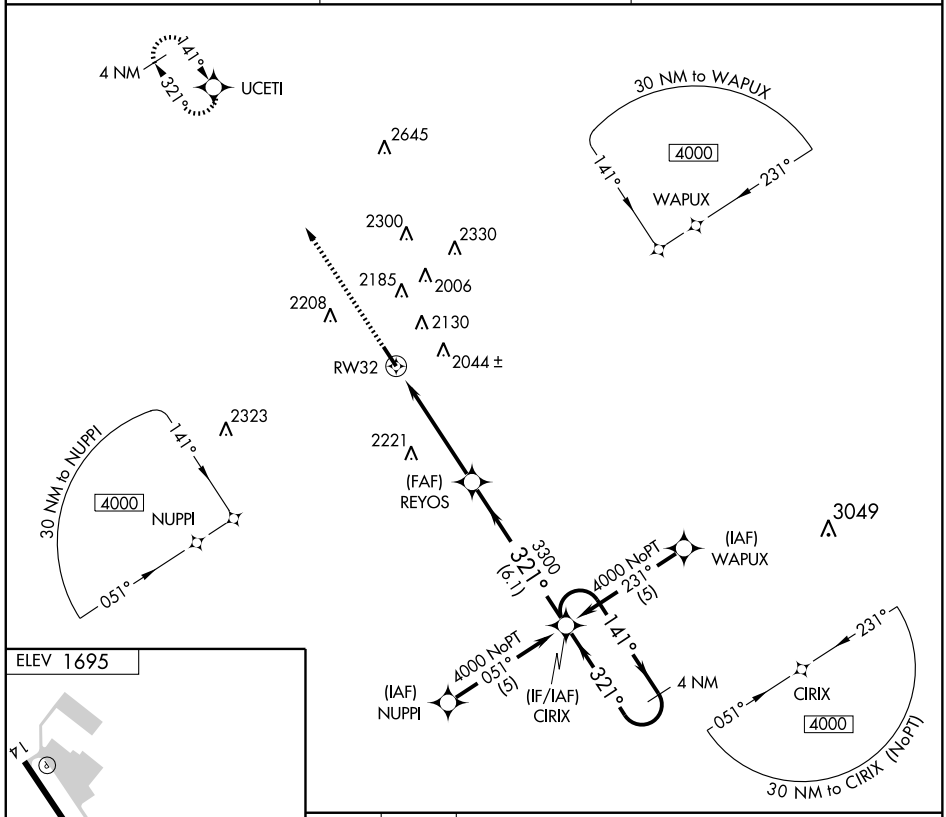
RNAV (GPS) RWY 32

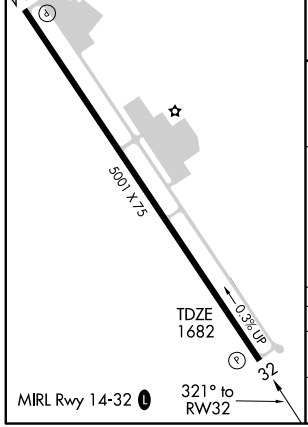
FREDERICKSBURG/GILLESPIE COUNTY (T82)

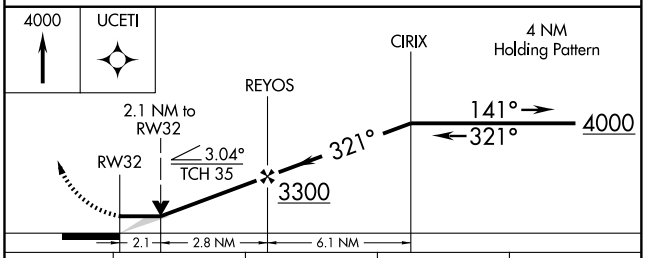
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 4000 direct UCETI and hold.

AWOS-3	HOUSTON CENTER	UNICOM
120.00	134.2 307.3	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	2380-1	698 (700-1)	2380-2 698 (700-2)	NA
CIRCLING	2380-1	685 (700-1)	2480-2¼ 785 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

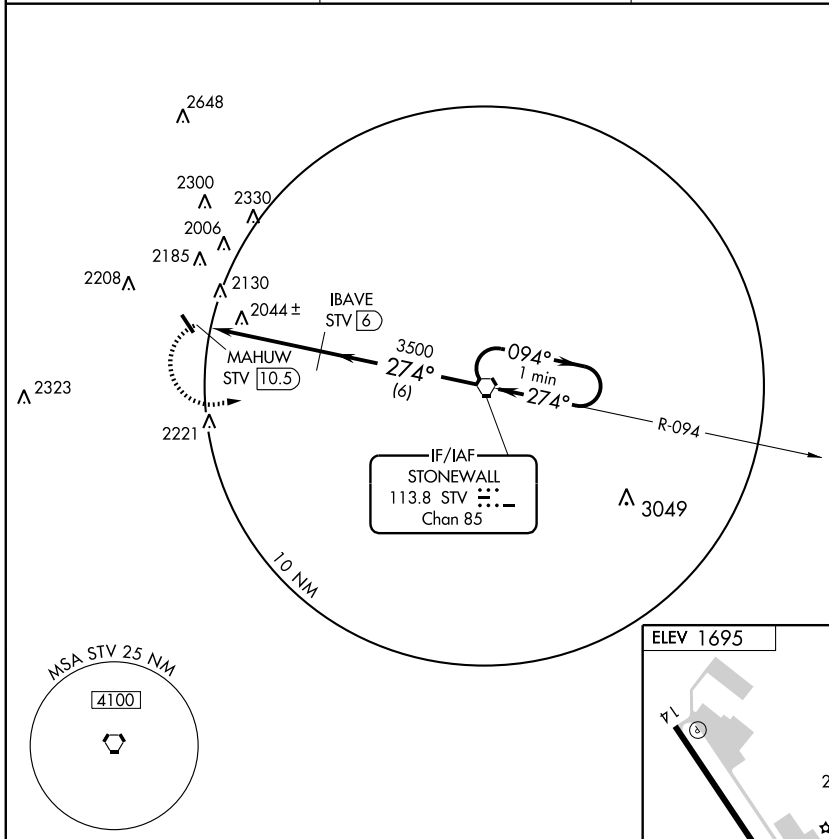
VORTAC STV	APP CRS	Rwy Idg	N/A
113.8	274°	TDZE	N/A
Chan 85		Apt Elev	1695

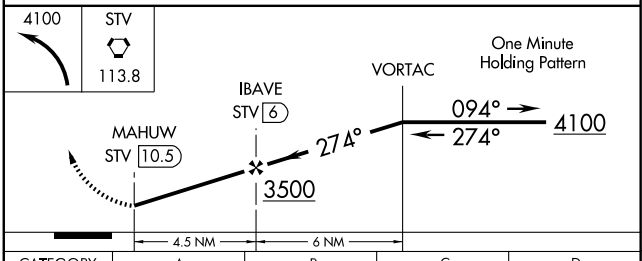
VOR/DME-A

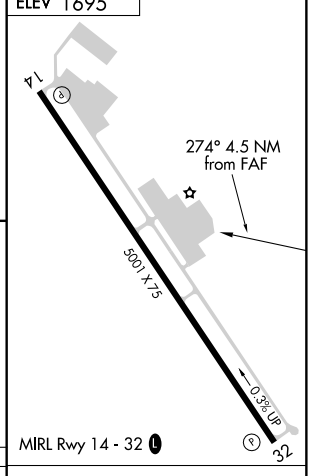
FREDERICKSBURG/GILLESPIE COUNTY (T82)

MISSED APPROACH: Climbing left turn to 4100 direct STV VORTAC and hold.

AWOS-3	HOUSTON CENTER	UNICOM
120.00	134.2 307.3	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	2440-1 745 (800-1)	2440-1¼ 745 (800-1¼)	2480-2¼ 785 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

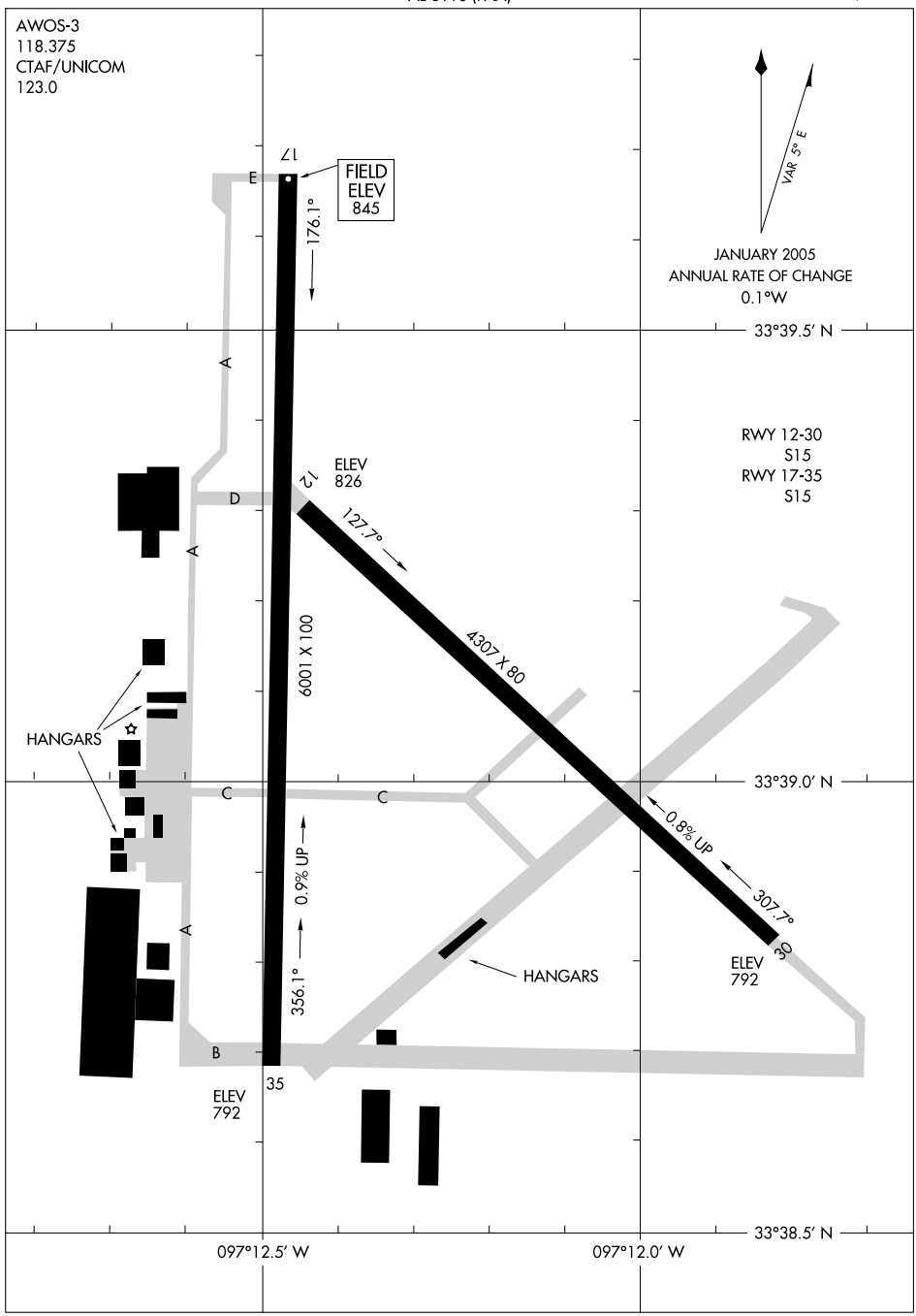
SC-3, 17 DEC 2009 to 14 JAN 2010

09127

AIRPORT DIAGRAM

AL-6113 (FAA)

GAINESVILLE MUNI (GLE)
GAINESVILLE, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

NDB GLE	APP CRS	Rwy Idg	6001
330	175°	TDZE	845
		Apt Elev	845

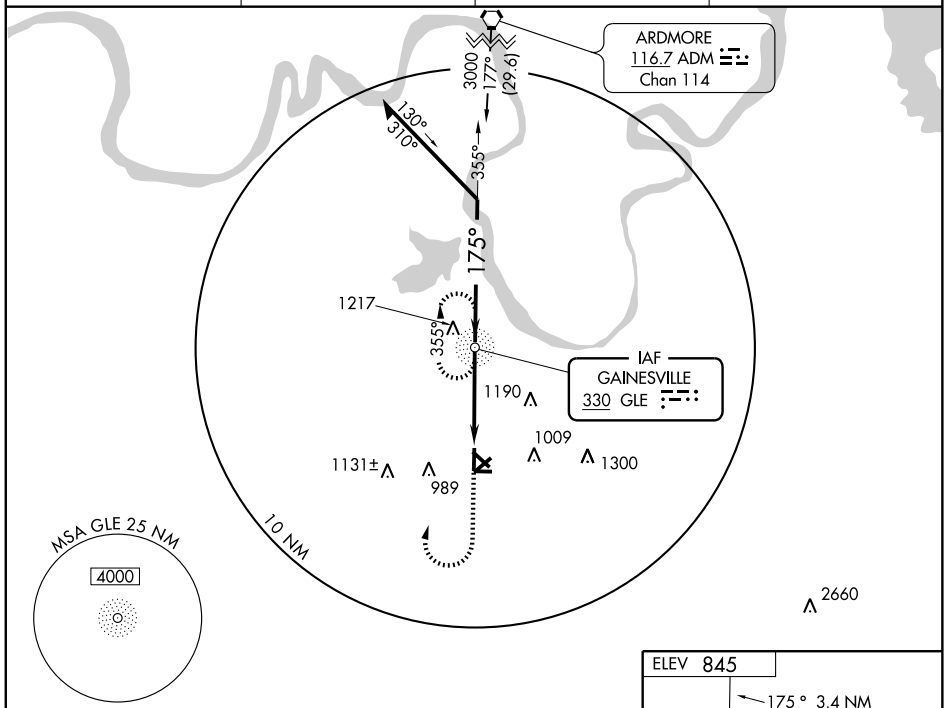
NDB RWY 17

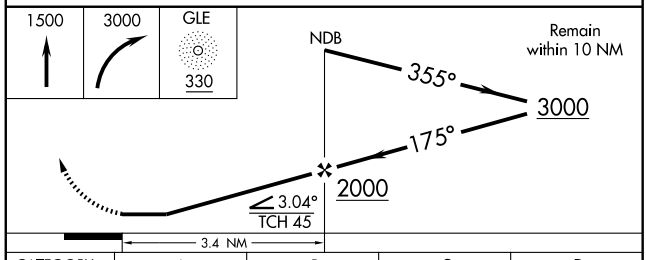
GAINESVILLE MUNI (GLE)

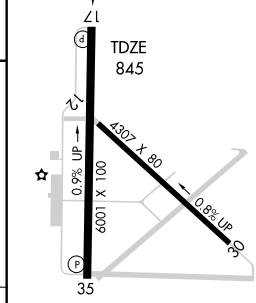
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct GLE NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM	GCO
118.375	124.75 377.1	123.0 (CTAF) L	121.725







MIRL Rwy 17-35 L
REIL Rwy 17-35

CATEGORY	A	B	C	D
S-17	1340-1 495 (500-1)		1340-1¼ 495 (500-1¼)	1340-1½ 495 (500-1½)
CIRCLING	1340-1 495 (500-1)		1340-1½ 495 (500-1½)	1460-2 615 (700-2)

FAF to MAP 3.4 NM

Knots	60	90	120	150	180
Min:Sec	3:24	2:16	1:42	1:22	1:08

SC-2, 17 DEC 2009 to 14 JAN 2010

GAINESVILLE, TEXAS

AL-6113 (FAA)

WAAS	APP CRS		
CH **58111**	**175°**	Rwy Idg	**6001**
W17A		TDZE	**845**
		Apt Elev	**845**

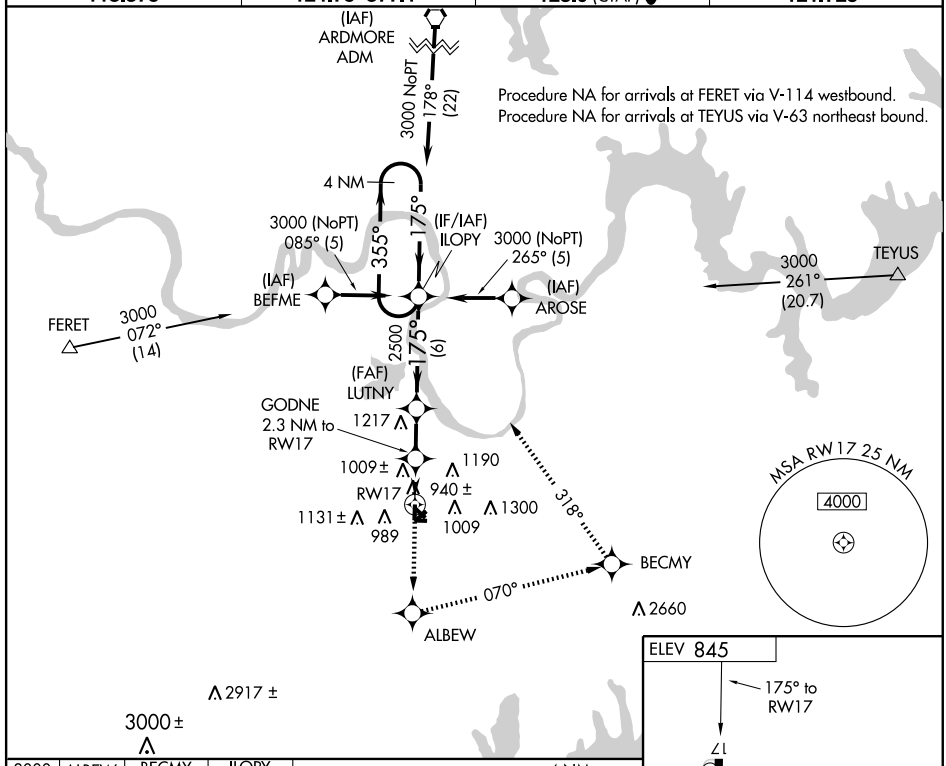
RNAV (GPS) RWY 17

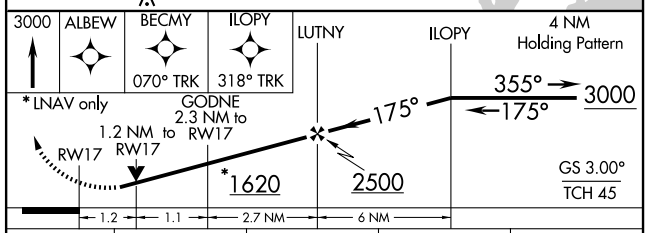
GAINESVILLE MUNI (GLE)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Denton altimeter setting and increase all DA 91 feet and all MDA 100 feet. Increase LPV visibility all Cats ¼ mile, increase LNAV/VNAV visibility ½ all Cats, increase LNAV visibility Cat C ¼ and Cat D ½ and increase circling Cat C/D ¼ mile. Baro-VNAV and VDP NA when using Denton altimeter setting.

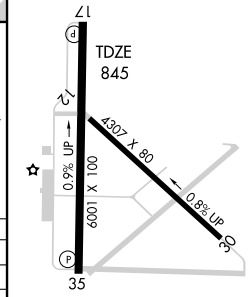
MISSED APPROACH: Climb to 3000 direct ALBEW and via 070° track to BECMY and via 318° track to ILOPY and hold.

AWOS-3	FORT WORTH CENTER	UNICOM	GCO
118.375	**124.75 377.1**	**123.0** (CTAF) L	**121.725**





CATEGORY	A	B	C	D
LPV DA	1194-1¼ 349 (400-1¼)			
LNAV/VNAV DA	1358-1¾ 513 (600-1¾)			
LNAV MDA	1260-1 415 (500-1)		1260-1¼ 415 (500-1¼)	
CIRCLING	1320-1 475 (500-1)		1360-1½ 515 (600-1½)	1460-2 615 (700-2)

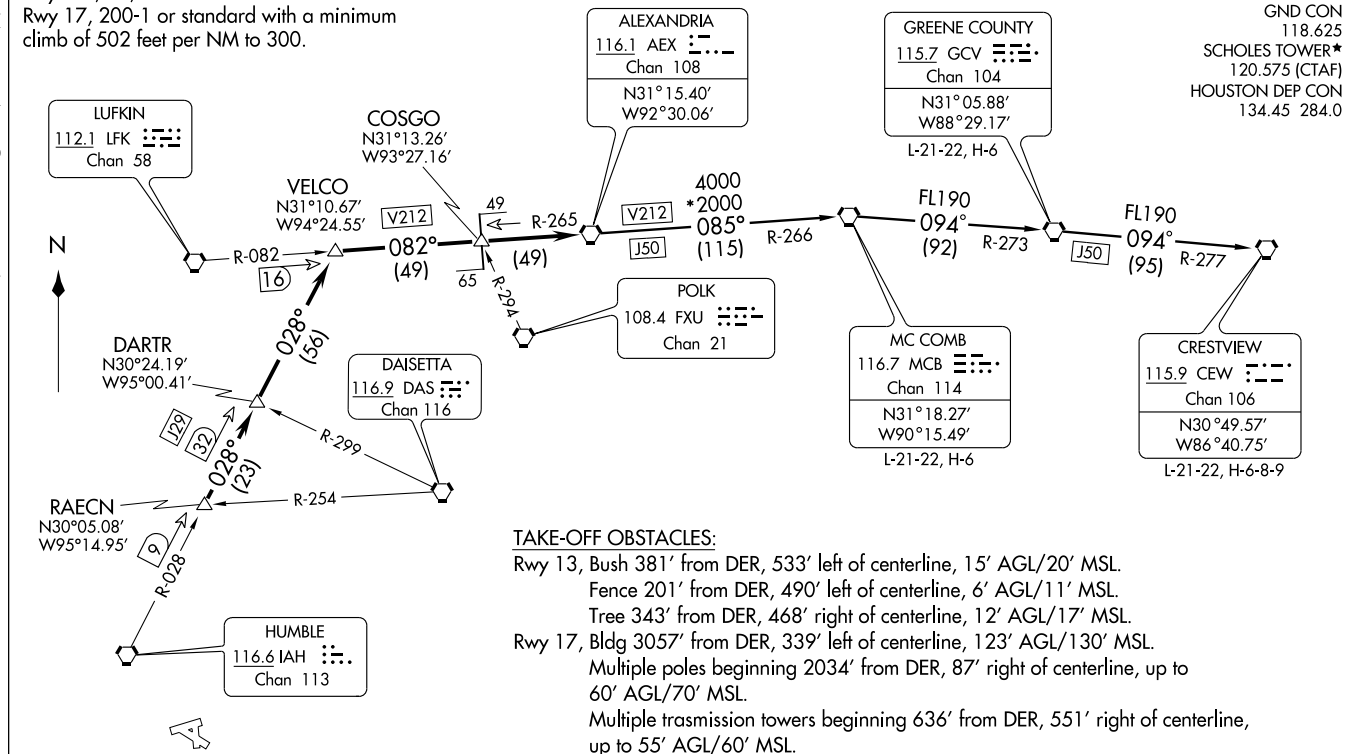


MIRL Rwy 17-35 L
REIL Rwy 17-35

SC-2, 17 DEC 2009 to 14 JAN 2010

ASOS 119.275
CLNC DEL
135.35 (When tower closed)
GND CON
118.625
SCHOLES TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

TAKE OFF MINIMUMS:
Rwys 13, 31, 35 standard.
Rwy 17, 200-1 or standard with a minimum climb of 502 feet per NM to 300.



TAKE-OFF OBSTACLES:
Rwy 13, Bush 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL.
Fence 201′ from DER, 490′ left of centerline, 6′ AGL/11′ MSL.
Tree 343′ from DER, 468′ right of centerline, 12′ AGL/17′ MSL.
Rwy 17, Bldg 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL.
Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL.
Multiple trasmission towers beginning 636′ from DER, 551′ right of centerline, up to 55′ AGL/60′ MSL.
Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL.
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.
Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

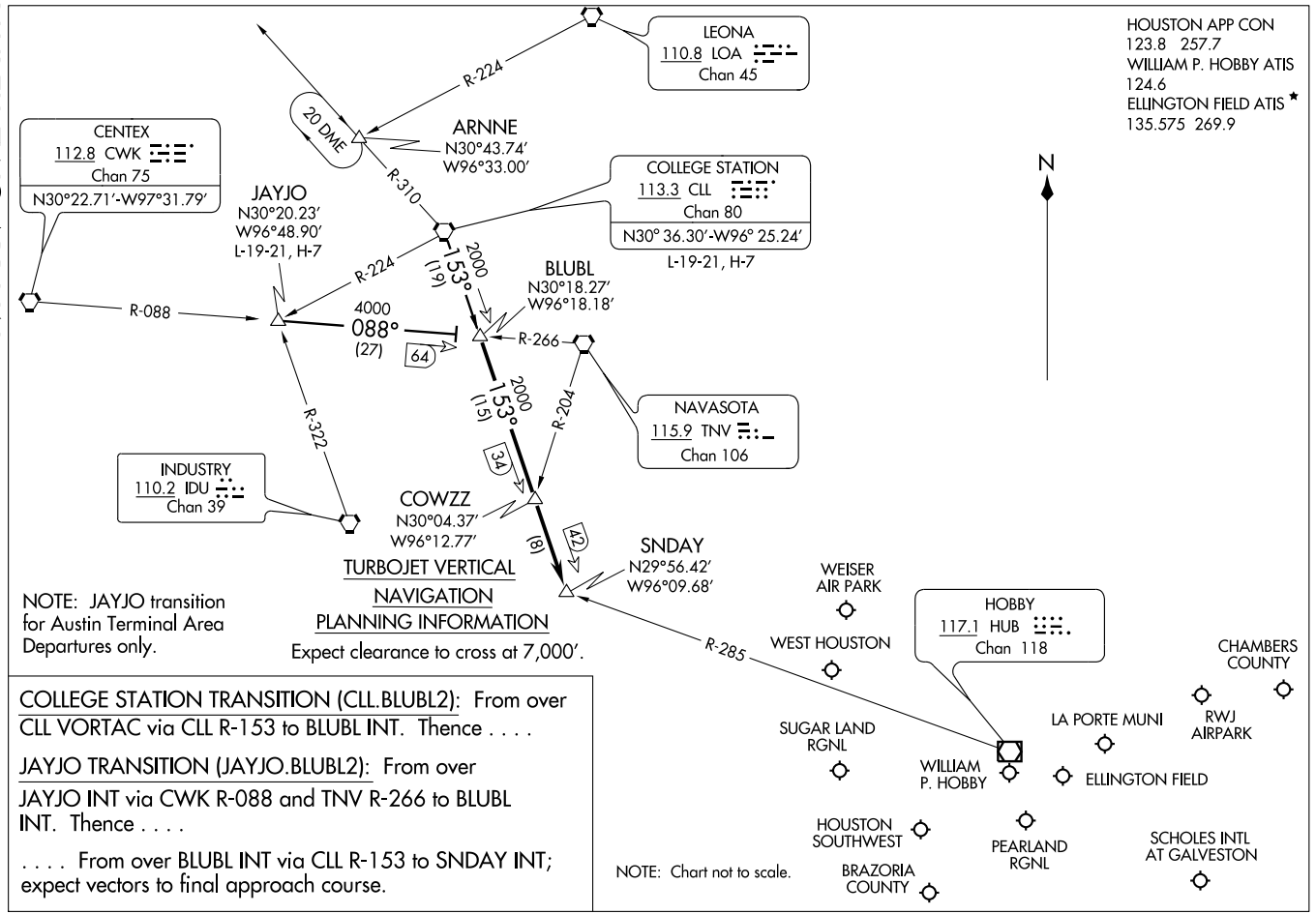
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

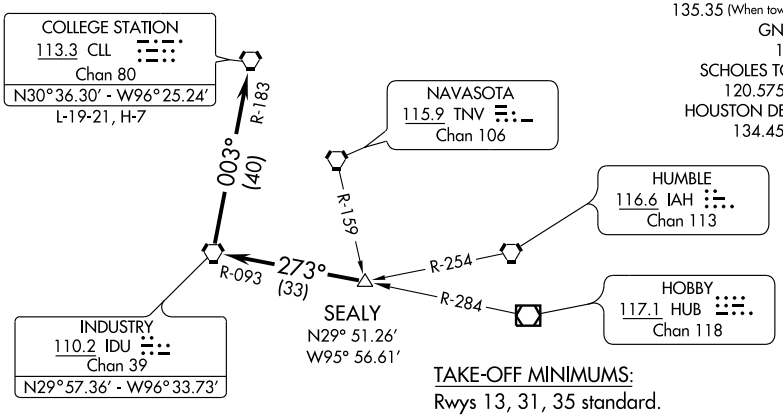
JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

GALVESTON/SCHOLES INTL AT GALVESTON (GLS)
GALVESTON, TEXAS

ASOS
119.275
CLNC DEL
135.35 (When tower closed)
GND CON
118.625
SCHOLES TOWER★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0



TAKE-OFF MINIMUMS:
Rwys 13, 31, 35 standard.
Rwy 17, 200-1 or standard with a minimum climb of 502' per NM to 300'.

TAKE-OFF OBSTACLES:
Rwy 13, Bush 381' from DER, 533' left of centerline, 15' AGL/20 MSL. Fence 201' from DER, 490' left of centerline, 6' AGL/11 MSL. Tree 343' from DER, 468' right of centerline, 12' AGL/17' MSL.
Rwy 17, Bldg 3057' from DER, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL. Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60 MSL. Tree 460' from DER, 316' right of centerline, 22' AGL/29' MSL.
Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.
Rwy 35, Tree 730' from DER, 501' right of centerline, 27' AGL/32' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

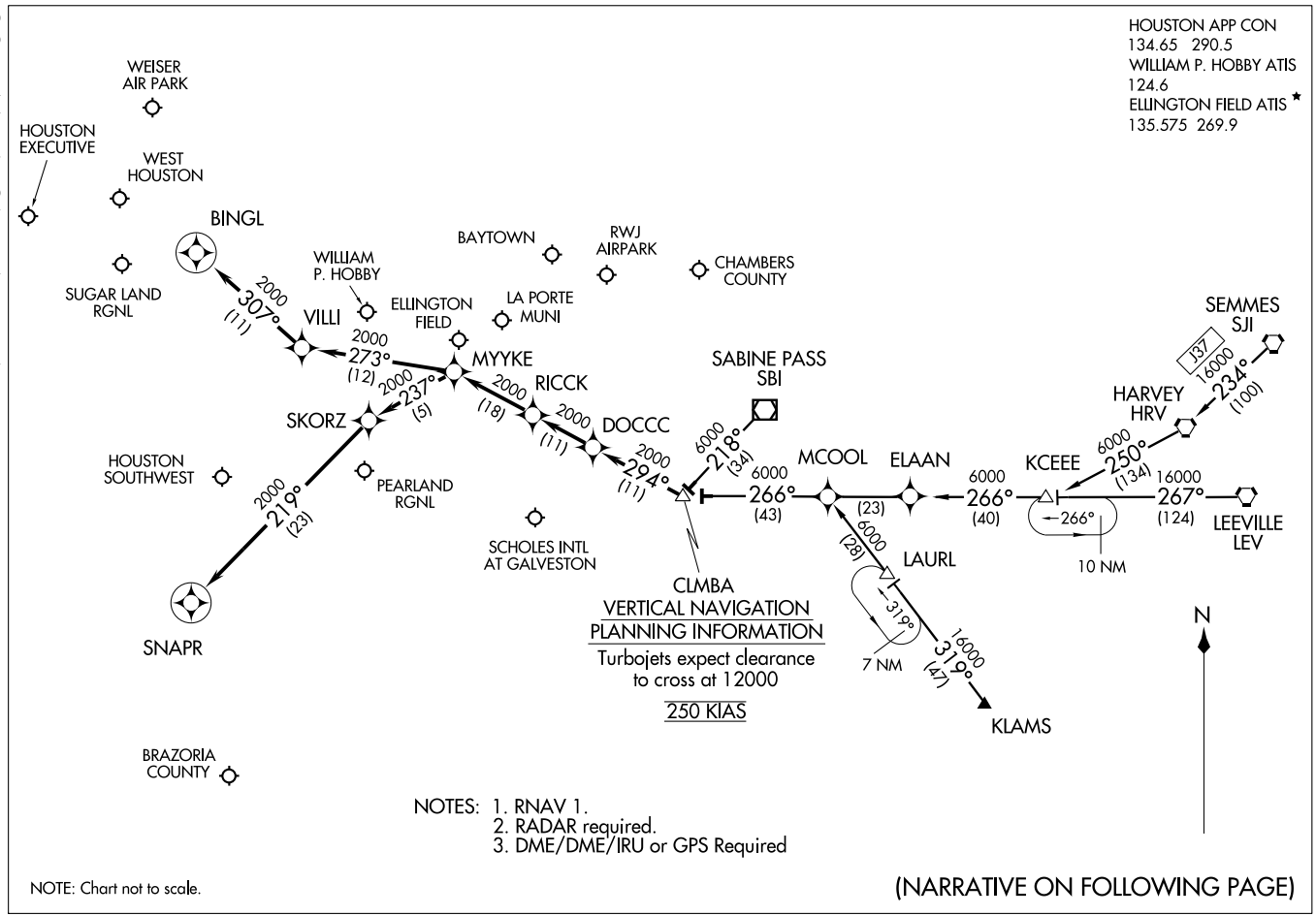
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

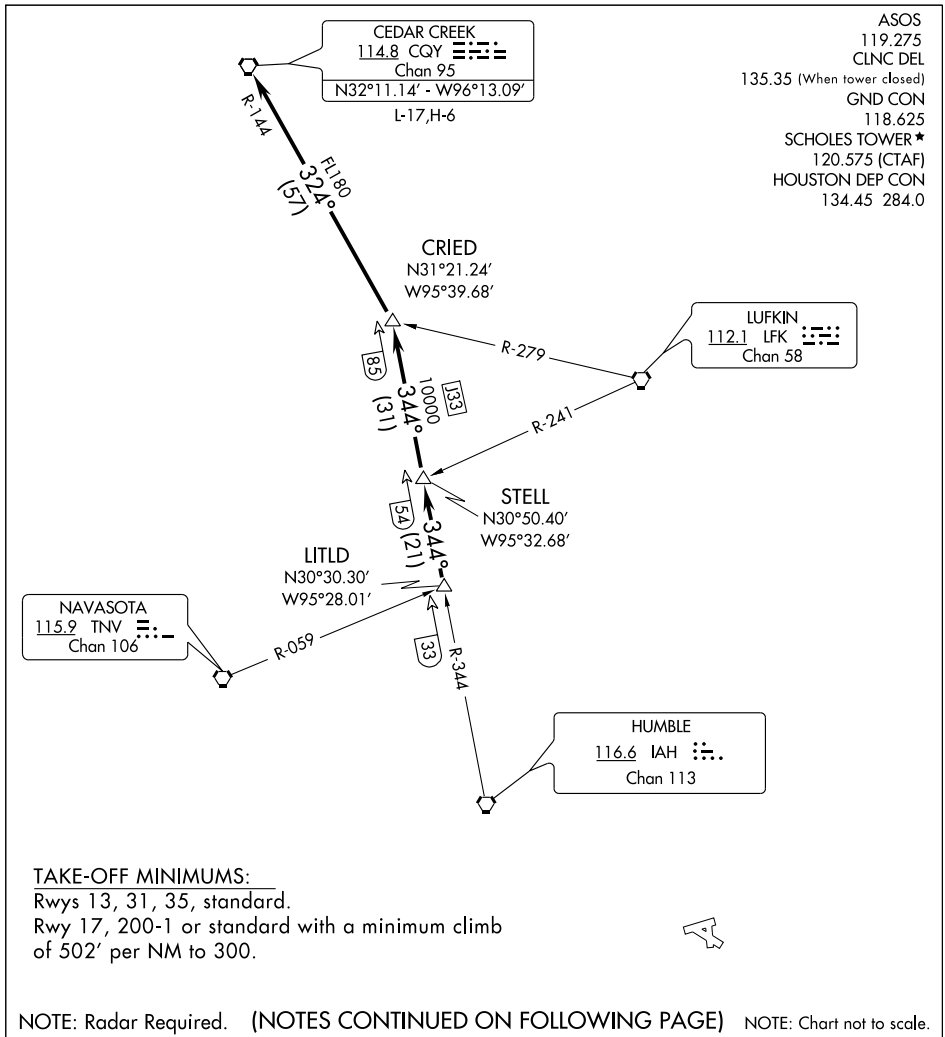
LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE



TAKE-OFF MINIMUMS:
Rwys 13, 31, 35, standard.
Rwy 17, 200-1 or standard with a minimum climb of 502′ per NM to 300.

NOTE: Radar Required. (NOTES CONTINUED ON FOLLOWING PAGE) NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 13, Bush, 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL.
Fence, 201′ from DER, 490′ left of centerline, 6′ AGL/11′MSL.
Tree, 343′ from DER, 468′ right of centerline, 12′ AGL/17′ MSL.
Rwy 17, Multiple transmission towers beginning 636′ from DER, 551 right of centerline, up to 55′ AGL/60′ MSL. Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL. Building 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL. Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL.
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.
Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

ASOS
119.275
CLNC DEL
135.35 (When tower closed)
GND CON
118.625
SCHOLES TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
93

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32
R-299
R-254

DAISETTA
116.9 DAS
Chan 116

9
R-028

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwy 13, 31, 35, standard.
Rwy 17, 200-1 or standard with a minimum climb of 502 feet per NM to 300.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 13, Bush 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL. Fence 201′ from DER, 490′ left of centerline, 6′ AGL/11′ MSL. Tree 343′ from DER, 468′ right of centerline, 12′ AGL/17′ MSL.

Rwy 17, Building 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL. Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL. Multiple TRMSN towers beginning 636′ from DER, 551′ right of centerline, up to 55′ AGL/60′ MSL. Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL.

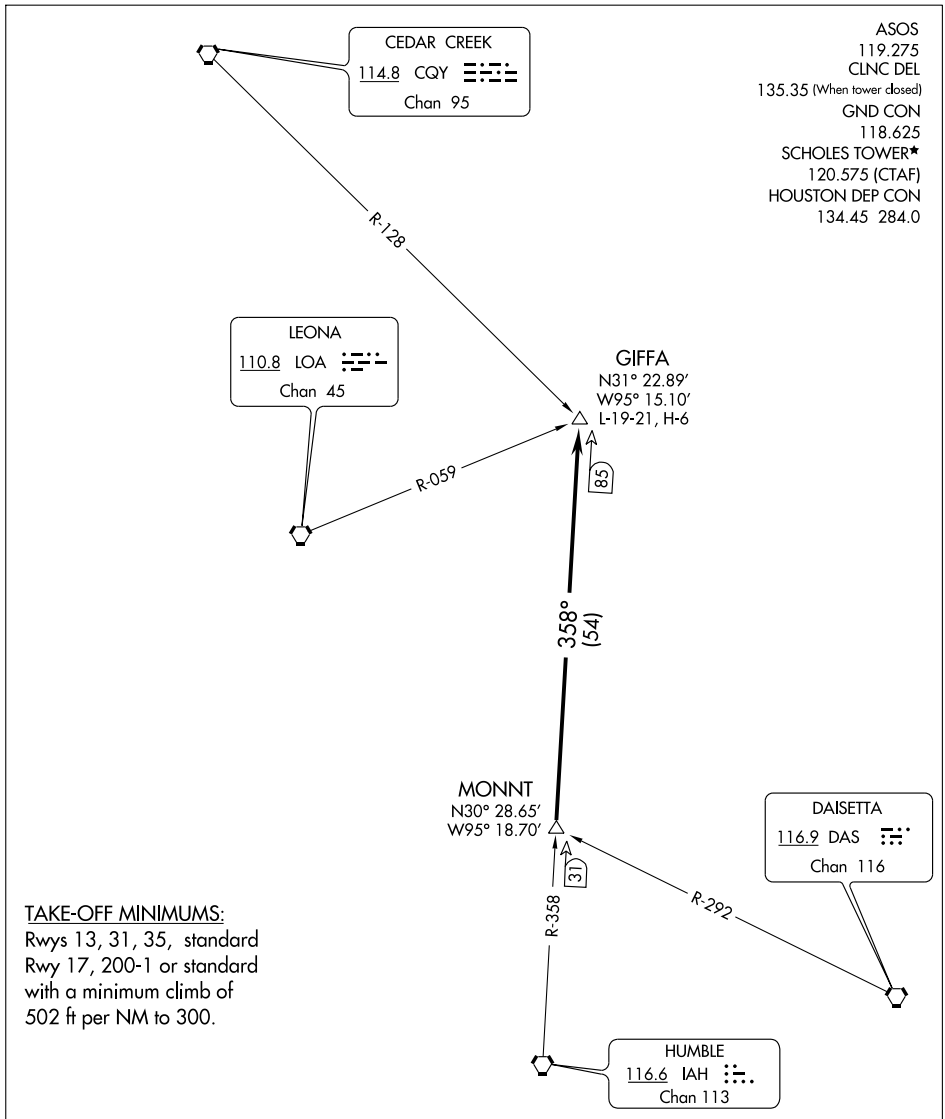
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.

Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)
SL-164 (FAA)
GALVESTON, TEXAS



TAKE-OFF MINIMUMS:
Rwys 13, 31, 35, standard
Rwy 17, 200-1 or standard with a minimum climb of 502 ft per NM to 300.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 13, Bush 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL
Fence 201′ from DER, 490′ left of centerline, 6′ AGL/11′ MSL..
Tree 343′ from DER, 468′ right of centerline, 12′ AGL/17′ MSL.
Rwy 17, Building 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL.
Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL.
Multiple transmission towers beginning 636′ from DER, 551′ right of centerline, up to 55′ AGL/60′ MSL. Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL.
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.
Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC I-GLS	APP CRS	Rwy Idg	6000
111.7	134°	TDZE	5
		Apt Elev	6

ILS or LOC RWY 13

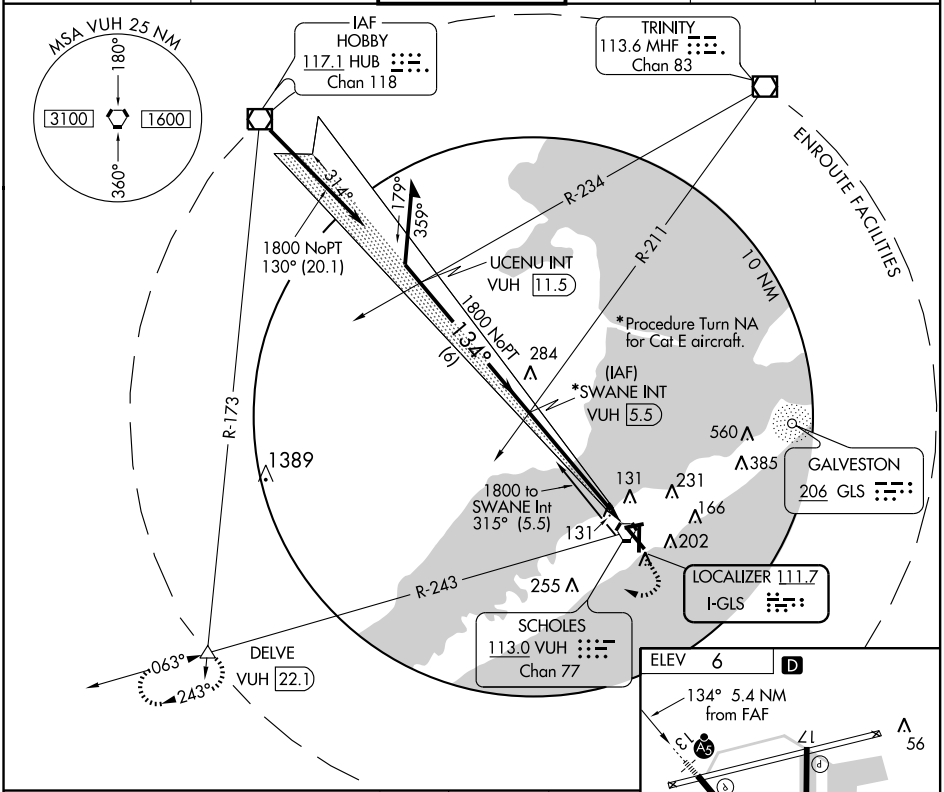
GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

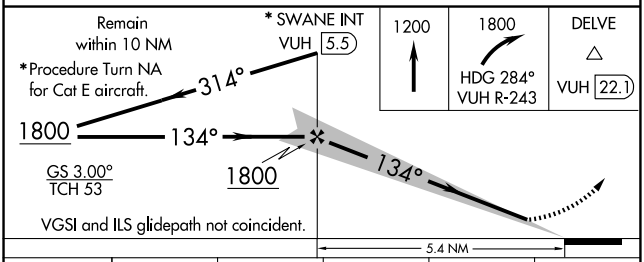
Circling not authorized east of Rwy 17 and northeast of Rwy 31. For inoperative MALSR, increase S-ILS 13 Cat E visibility to ¾, and S-LOC 13 Cat E to 1¾.

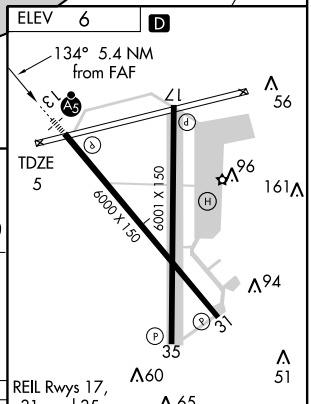
MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 1800 via heading 284° and VUH R-243 to DELVE Int/VUH 22.1 DME and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER ★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05





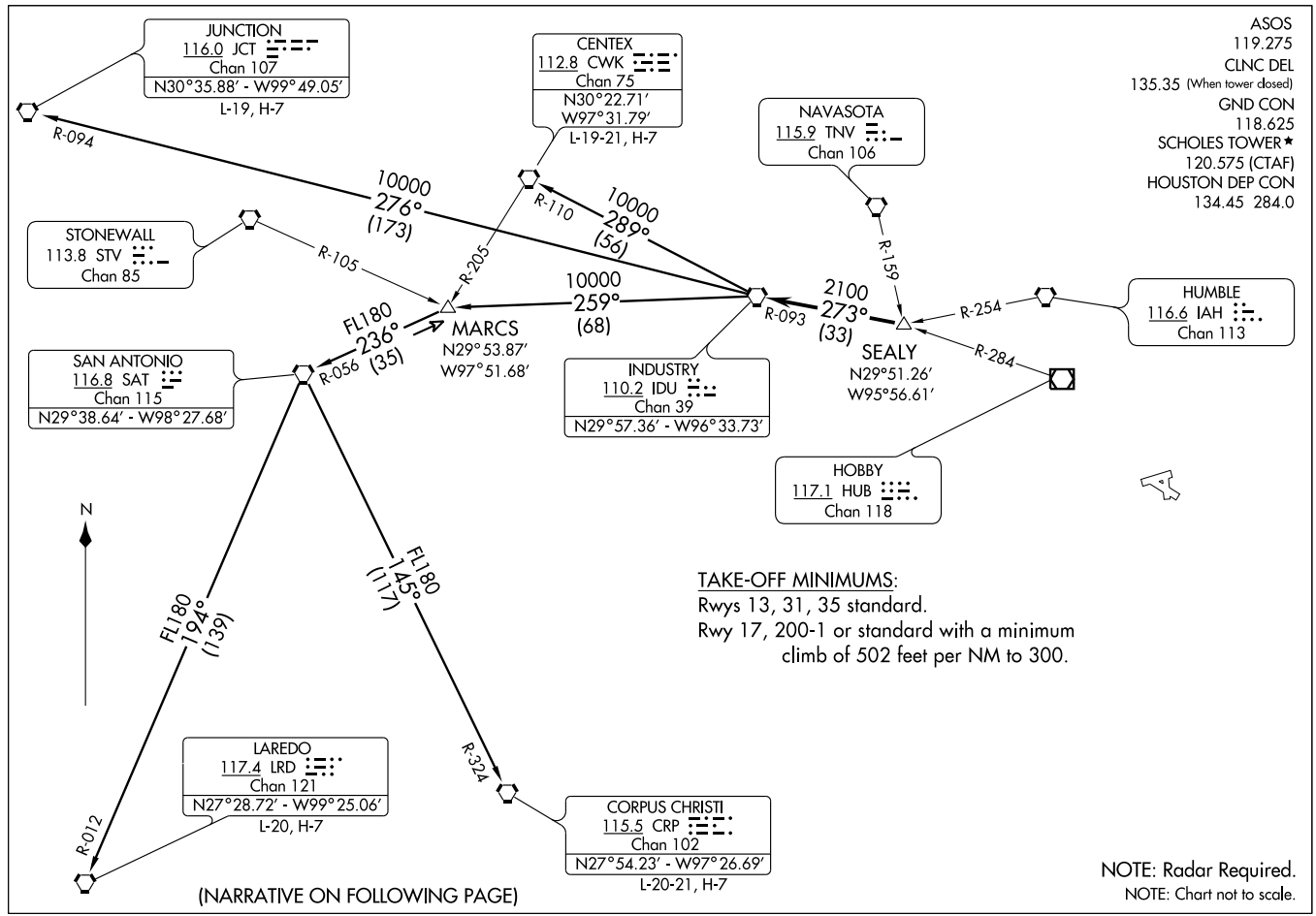


CATEGORY	A	B	C	D	E
S-ILS 13	205-½ 200 (200-½)				
S-LOC 13	480-½ 475 (500-½)		480-¾ 475 (500-¾)	480-1 475 (500-1)	480-1¼ 475 (500-1¼)
CIRCLING	500-1 494 (500-1)		500-1½ 494 (500-1½)	560-2 554 (600-2)	620-2¼ 614 (700-2¼)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

GALVESTON/SCHOLES INTL AT GALVESTON (GLS)

SL-164 (FAA)

GALVESTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

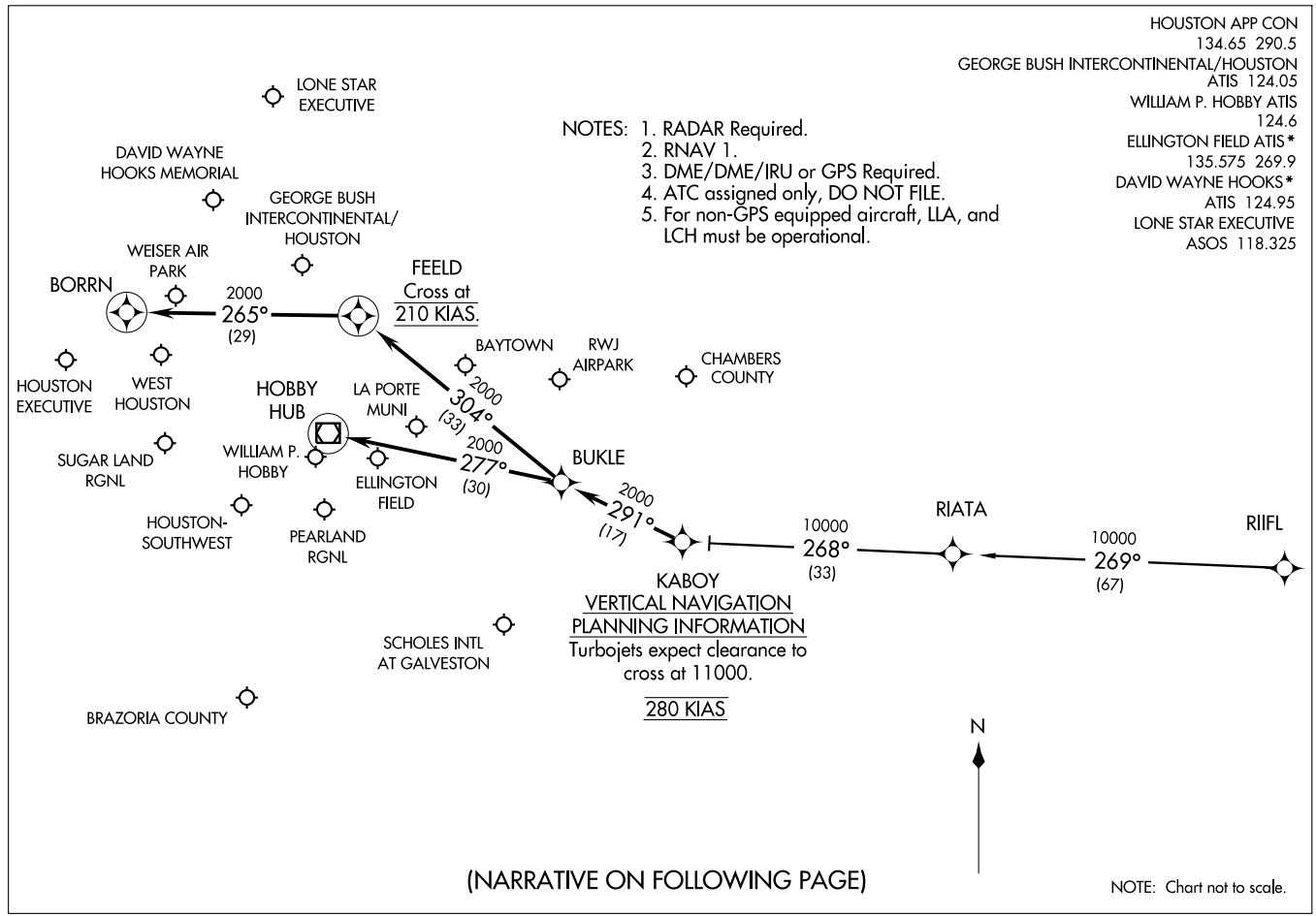
CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:
Rwy 13,
Bush 381' from departure end of runway, 533' left of centerline, 15' AGL/20' MSL
Fence 201' from departure end of runway, 490' left of centerline, 6' AGL/11' MSL..
Tree 343' from departure end of runway, 468' right of centerline, 12' AGL/17' MSL.
Rwy 17,
Building 3057' from departure end of runway, 339' left of centerline, 123' AGL/130' MSL.
Multiple poles beginning 2034' from departure end of runway, 87' right of centerline, up to 60' AGL/70' MSL.
Multiple transmission towers beginning 636' from departure end of runway, 551' right of centerline, up to 55' AGL/60' MSL.
Tree 460' from departure end of runway, 316' right of centerline, 22' AGL/29' MSL.
Rwy 31,
Multiple cranes beginning 4341' from departure end of runway, 1017' left of centerline, up to 131' AGL/131' MSL.
Rwy 35, Tree 730' from departure end of runway, 501' right of centerline, 27' AGL/32' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

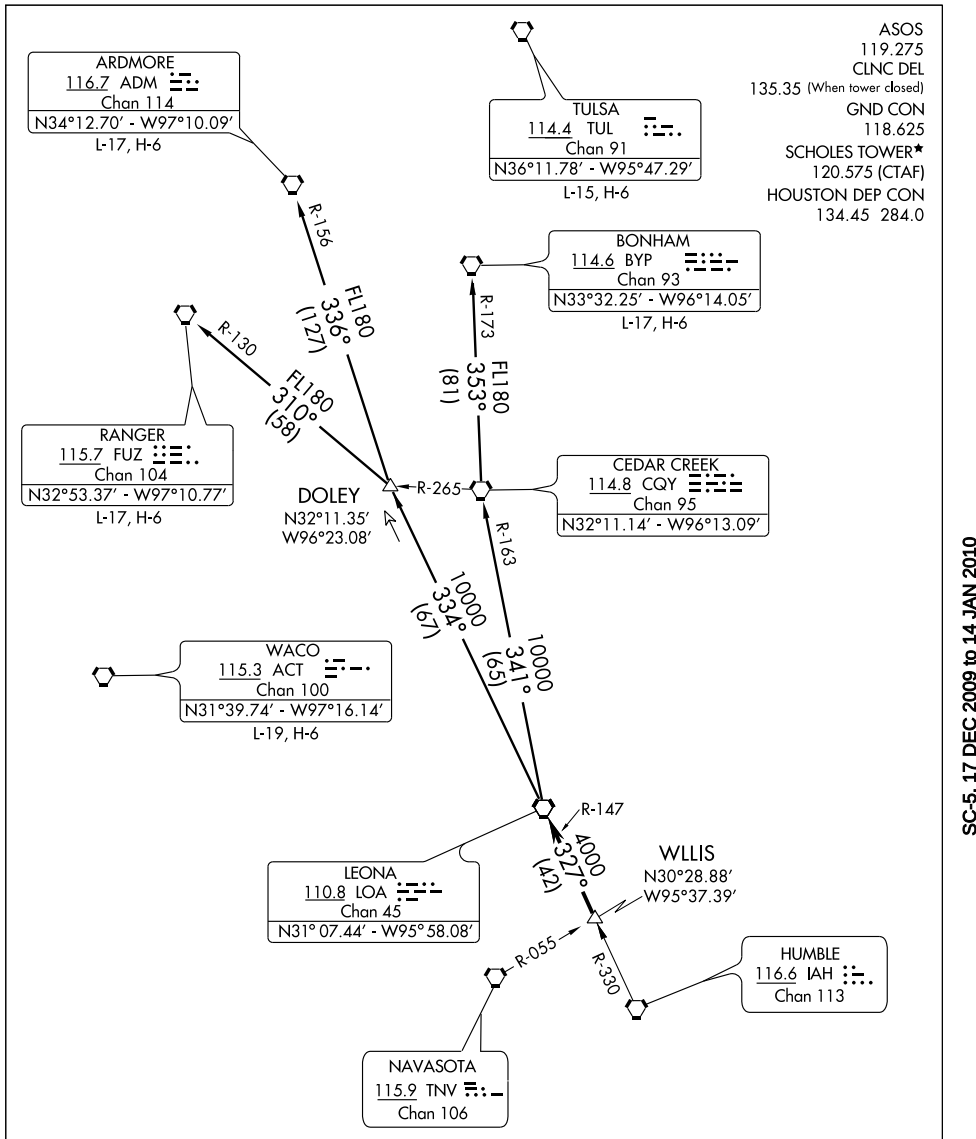
ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE



TAKE-OFF MINIMUMS:
Rwy 13, 31, 35 standard.
Rwy 17, 200-1 or standard with a
Minimum climb of 502 feet per NM to 300.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

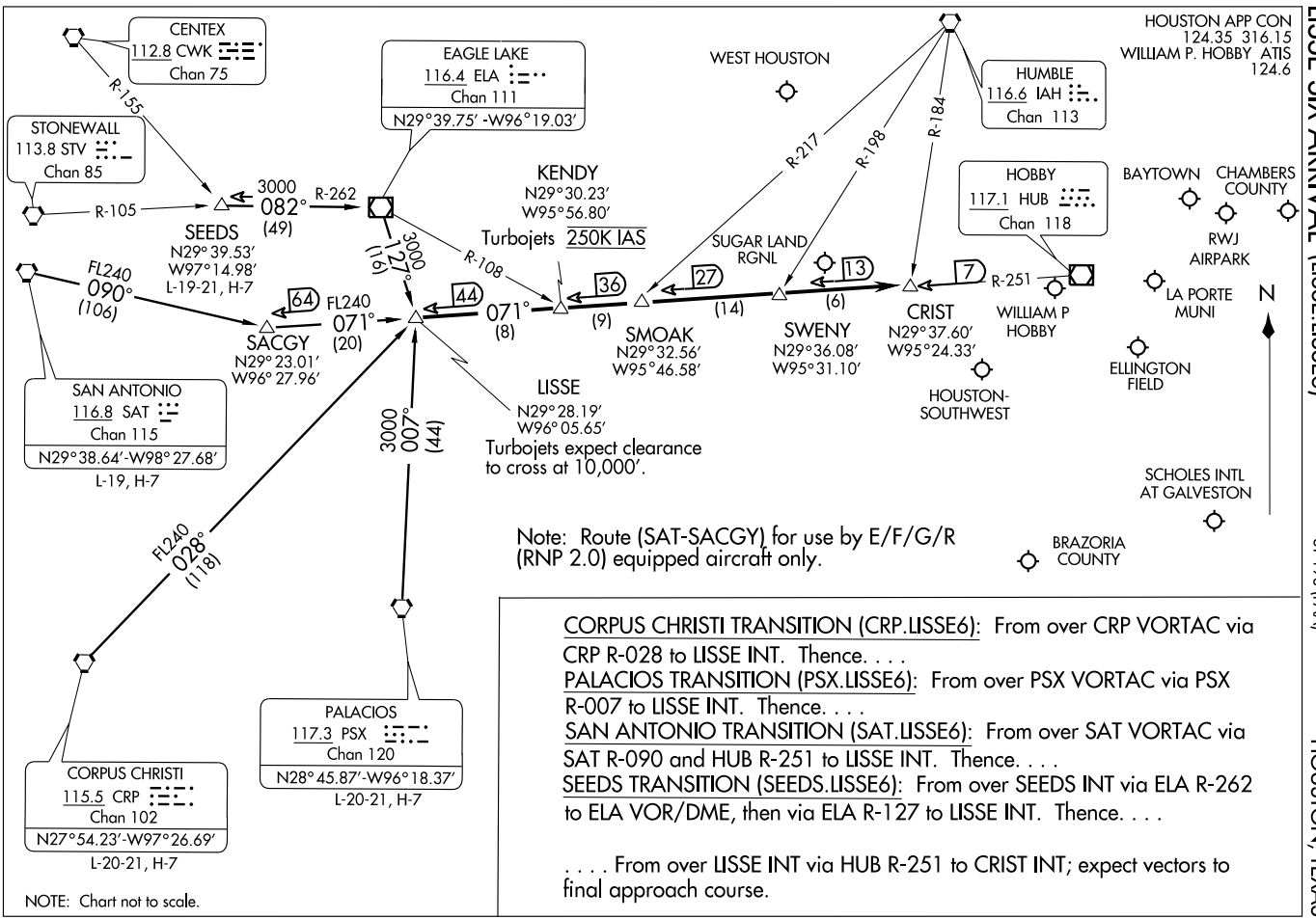
RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

Rwy 13, Bush 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL. Tree 343′ from DER, 468′ right of centerline, 12′ AGL/17′ MSL. Fence 201′ from DER, 490′ left of centerline, 6′ AGL/11′ MSL.
Rwy 17, Building 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL. Multiple transmission towers beginning 636′ from DER, 551′ right of centerline, up to 55′ AGL/60′ MSL. Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL. Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL.
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.
Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

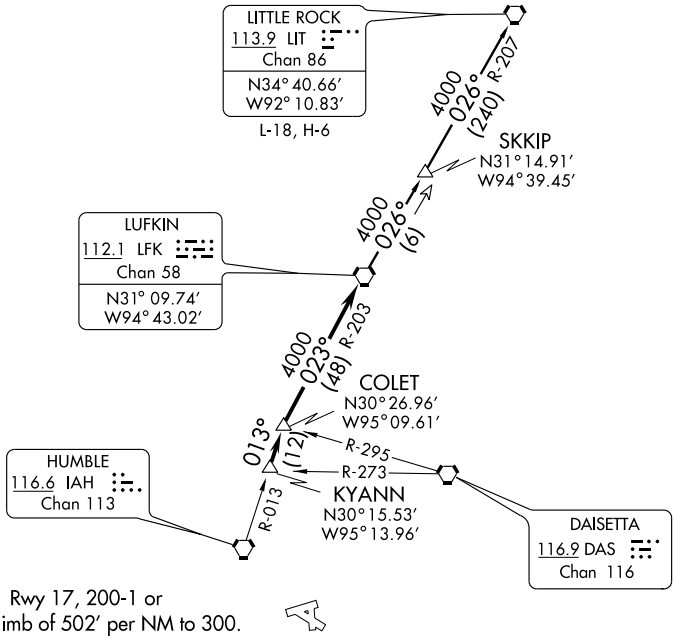
SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

ASOS
119.275
CLNC DEL
135.35 (When tower closed)
GND CON
118.625
SCHOLES TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0



TAKEOFF MINIMUMS:
Rwy 13, 31, 35, standard. Rwy 17, 200-1 or standard with a minimum climb of 502' per NM to 300.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:
Rwy 13, Bush 381' from DER, 533' left of centerline, 15' AGL/20' MSL. Fence 201' from DER, 490' left of centerline, 6' AGL/11 MSL. Tree 343' from DER, 468' right of centerline, 12' AGL/17' MSL.
Rwy 17, Bldg 3057' from DER, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL. Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60 MSL. Tree 460' from DER, 316' right of centerline, 22' AGL/29' MSL.
Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.
Rwy 35, Tree 730' from DER, 501' right of centerline, 27' AGL/32' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

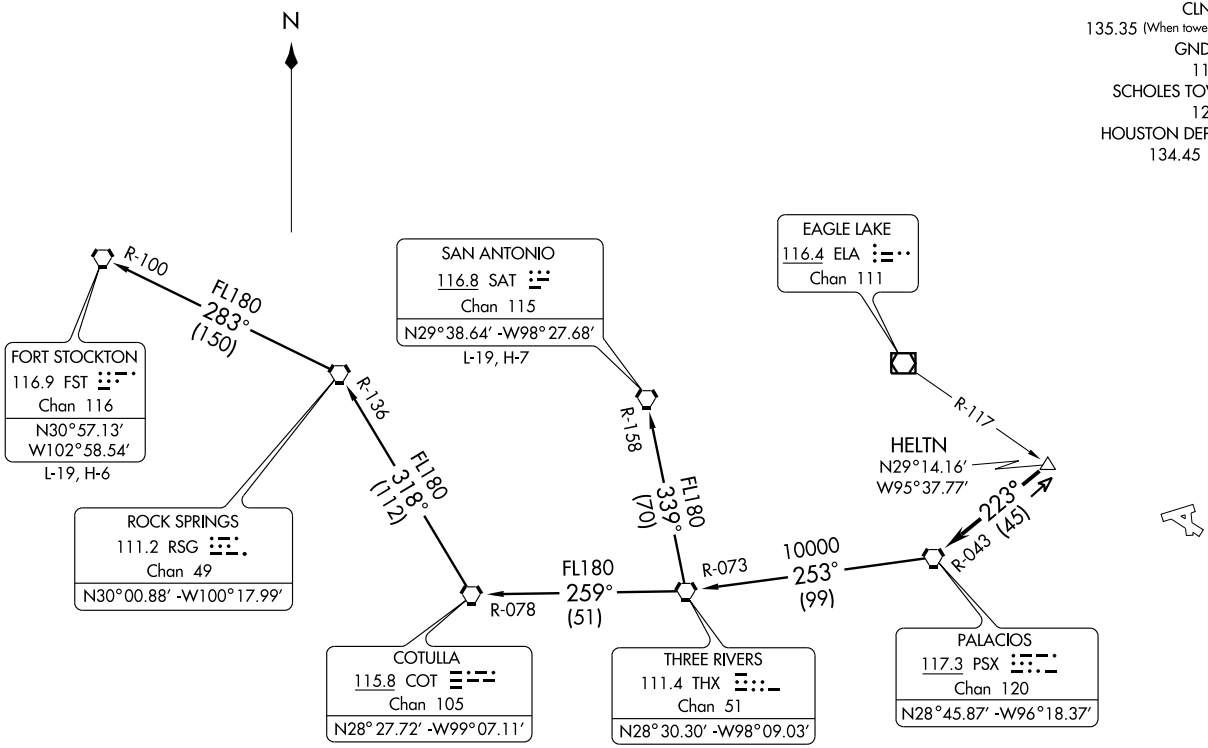
. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE

ASOS
119.275
CLNC DEL
135.35 (When tower closed)
GND CON
118.625
SCHOLES TOWER ★
120.575
HOUSTON DEP CON
134.45 284.0



TAKE OFF MINIMUMS:

Rwys 13, 31, 35, standard.
Rwy 17, 200-1 or standard with a minimum climb of 502 feet per NM to 300.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 13, Bush 381' from DER, 533' left of centerline, 15' AGL/20' MSL.
Fence 201' from DER, 490' left of centerline, 6' AGL/11' MSL.
Tree 343' from DER, 468' right of centerline, 12' AGL/17' MSL.
Rwy 17, Bldg 3057' from DER, 339' left of centerline, 123' AGL/130' MSL.
Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL.
Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60' MSL.
Tree 460' from DER, 316' right of centerline, 22' AGL/29' MSL.
Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.
Rwy 35, Tree 730' from DER, 501' right of centerline, 27' AGL/32' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6000
Chan 65606	134°	TDZE	5
W13A		Apt Elev	6

RNAV (GPS) RWY 13

GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

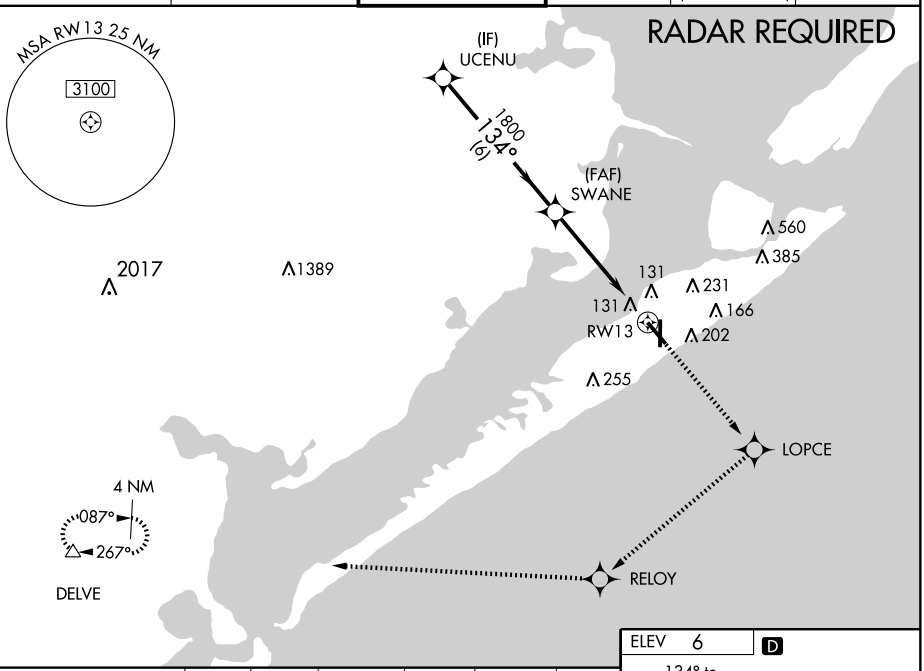
Baro-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. Circling NA east of Rwy 17 and northeast of Rwy 31. For inoperative MALSR, increase LPV all Cats visibility to ¾, LNAV/VNAV and LNAV Cat E visibility to 1¾.

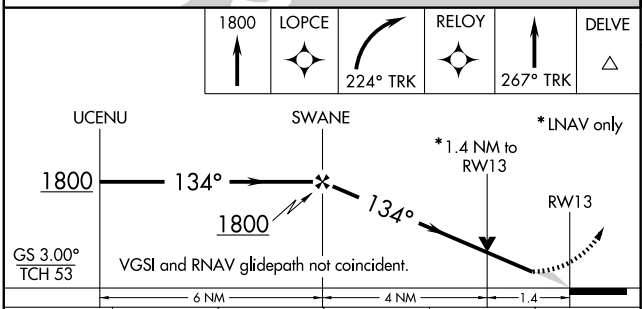
MALSR

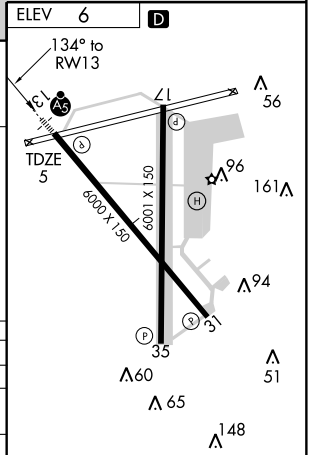
MISSED APPROACH: Climb to 1800 direct LOPCE and right turn via 224° track to RELOY and via 267° track to DELVE and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER ★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05

RADAR REQUIRED







CATEGORY	A	B	C	D	E
LPV DA	260-½ 255 (300-½)				
LNAV/ VNAV DA	480-1¼ 475 (500-1¼)				
LNAV MDA	480-½ 475 (500-½)		480-¾ 475 (500-¾)	480-1 475 (500-1)	480-1¼ 475 (500-1¼)
CIRCLING	500-1¾ 494 (500-1¾)			560-2 554 (600-2)	620-2¼ 614 (700-2¼)

REIL Rwys 17, 31, and 35
MIRL Rwy 17-35
HIRL Rwy 13-31

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82301 W17A	APP CRS 175°	Rwy Idg 6001 TDZE 6 Apt Elev 6

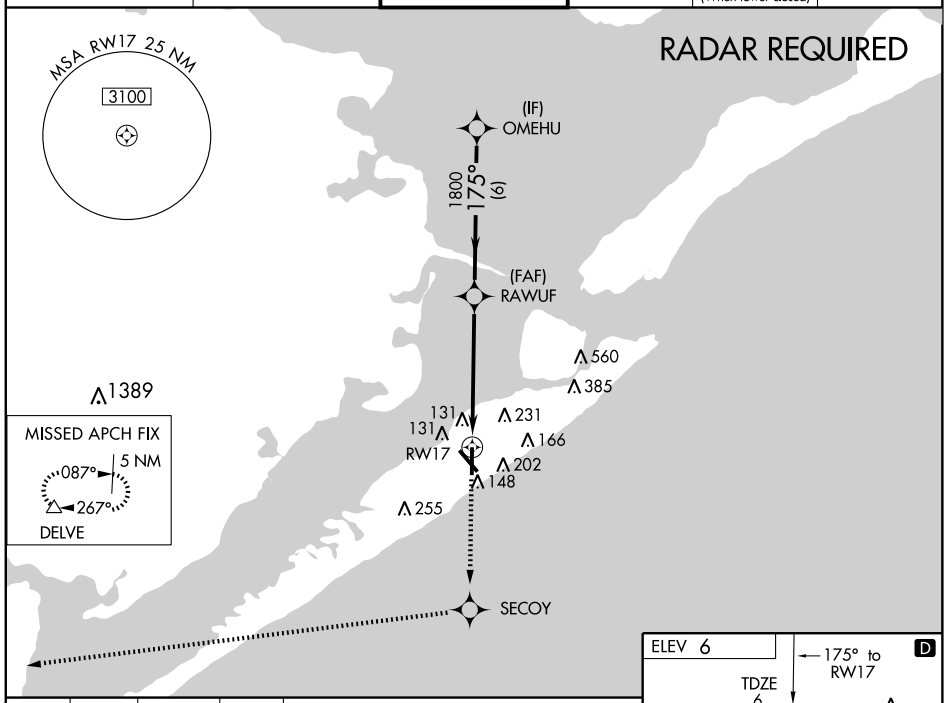
RNAV (GPS) RWY 17

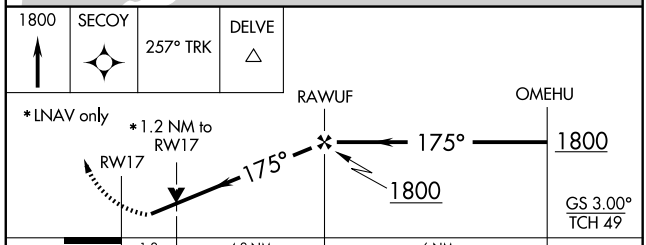
GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

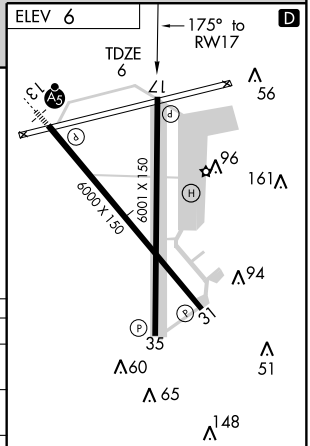
T A W For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. If local altimeter setting not received, procedure NA. Circling NA east of Rwy 17 and northeast of Rwy 31.

MISSED APPROACH: Climb to 1800 direct SECOY and via 257° track to DELVE and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05







CATEGORY	A	B	C	D	E
LPV DA	256-1 250 (300-1)				
LNAV/VNAV DA	528-1¾ 522 (600-1¾)				
LNAV MDA	420-1 414 (500-1)		420-1¼ 414 (500-1¼)		420-1½ 414 (500-1½)
CIRCLING	540-1¾ 534 (600-1¾)			560-2 554 (600-2)	620-2¼ 614 (700-2¼)

REIL Rwys 17, 31 and 35
MIRL Rwy 17-35
HIRL Rwy 13-31

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6000
CH 40101	314°	TDZE	5
W31A		Apt Elev	6

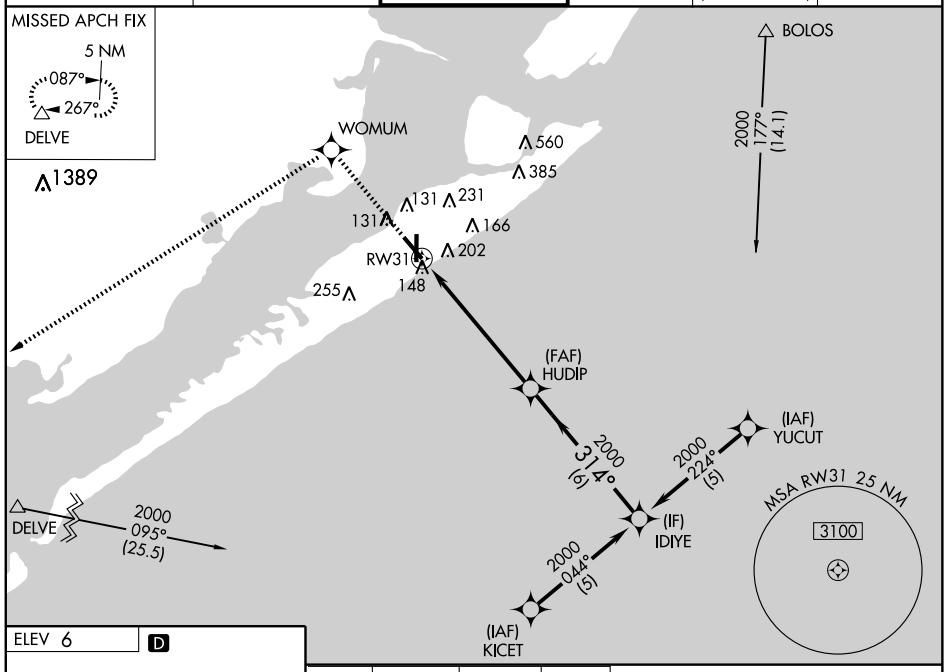
RNAV (GPS) RWY 31

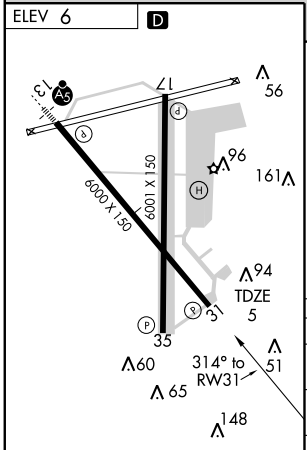
GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

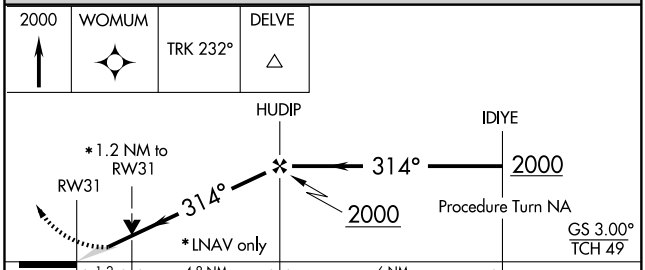
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). If local altimeter setting not received, procedure NA. Circling NA east of Rwy 17 and northeast of Rwy 31. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct WOMUM and via 232° track to DELVE and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05







CATEGORY	A	B	C	D
LPV DA	298-1 293 (300-1)			
LNAV/ VNAV DA	448-1½ 443 (500-1½)			
LNAV MDA	440-1 435 (500-1)		440-1¼ 435 (500-1¼)	440-1½ 435 (500-1½)
CIRCLING	500-1½ 494 (500-1½)			560-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6001
355°	TDZE	5
	Apt Elev	6

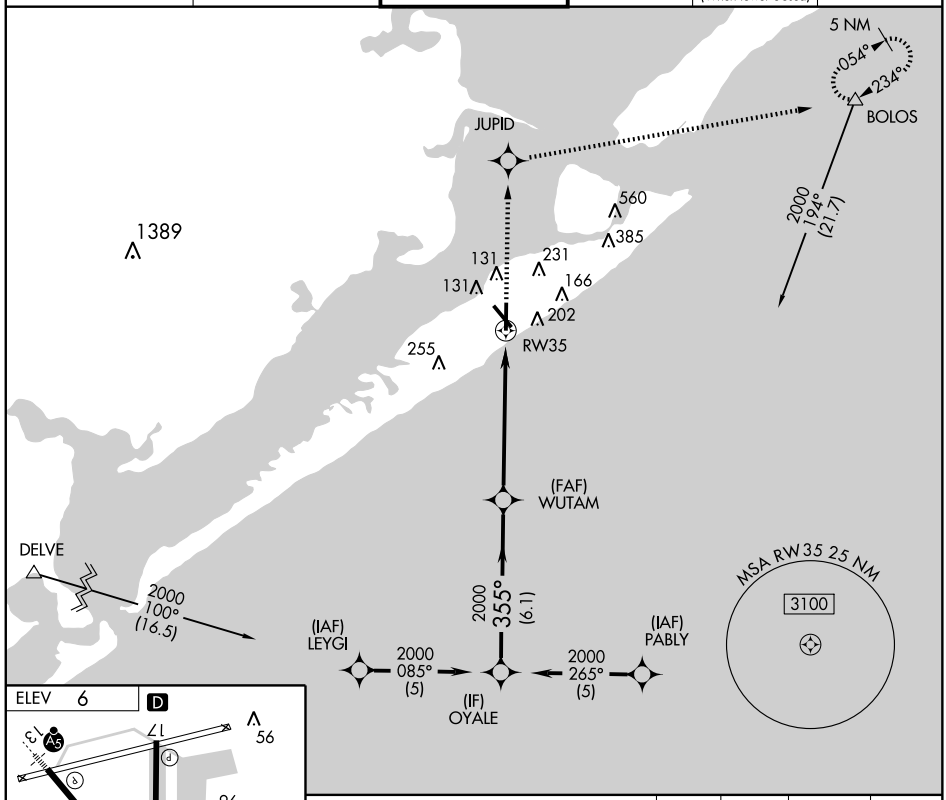
RNAV (GPS) RWY 35

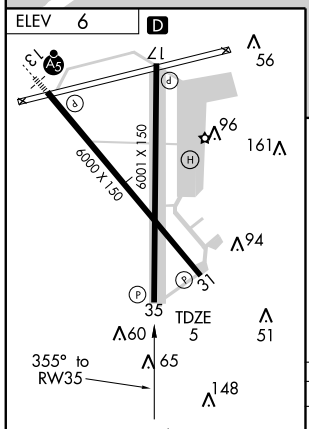
GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

DME/DME RNP-0.3 NA. Circling NA east of Rwy 17 and northeast of Rwy 31. Visibility reduction by helicopters NA. If local altimeter setting not received, procedure NA.

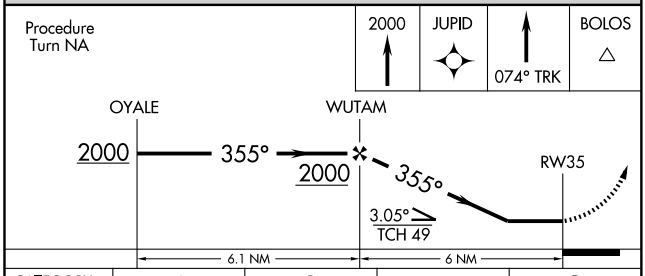
MISSED APPROACH: Climb to 2000 direct JUPID and via 074° track to BOLOS and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05



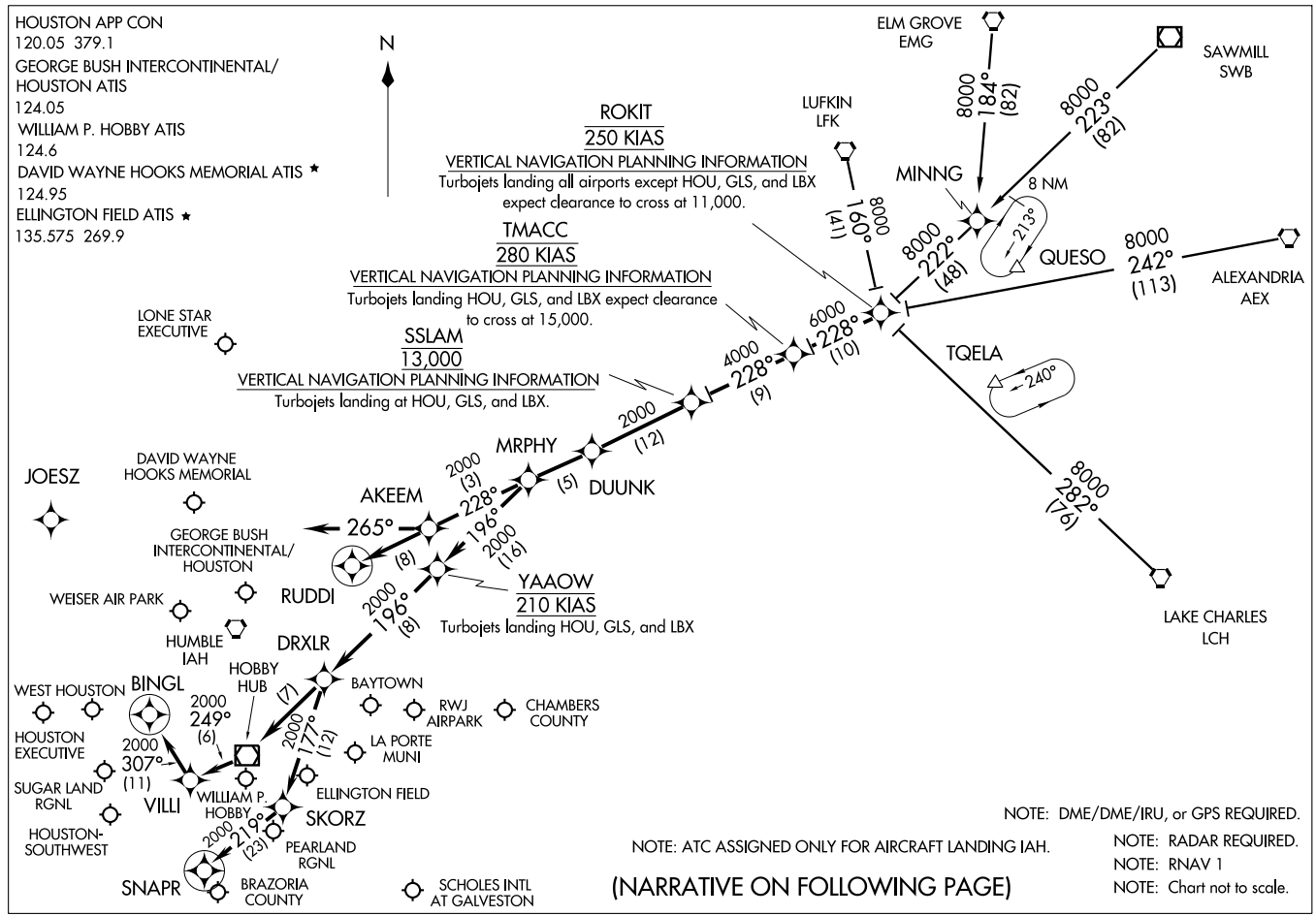


REIL Rwys 17, 31 and 35
MIRL Rwy 17-35
HIRL Rwy 13-31



CATEGORY	A	B	C	D
LNAV MDA	460-1	455 (500-1)	460-1¼ 455 (500-1¼)	460-1½ 455 (500-1½)
CIRCLING	500-1	494 (500-1)	500-1½ 494 (500-1½)	560-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

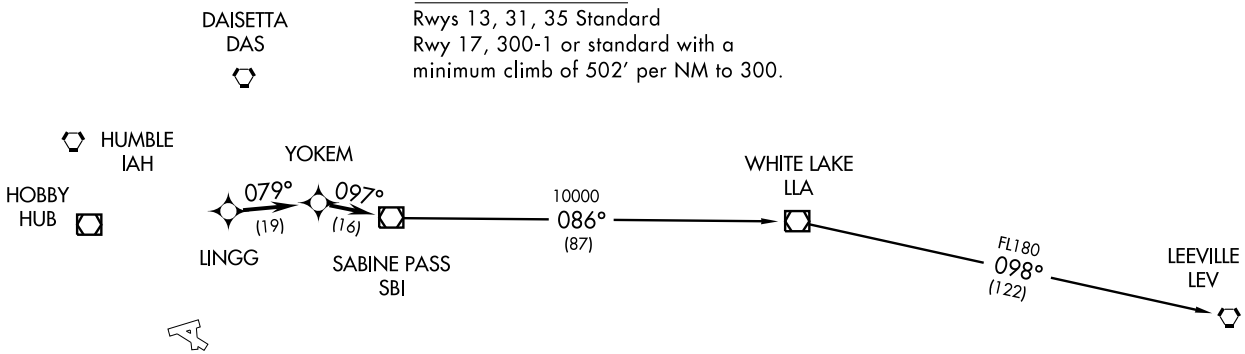
SC-5, 17 DEC 2009 to 14 JAN 2010

NOTE: Chart not to scale.

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

TAKE-OFF MINIMUMS:
Rwys 13, 31, 35 Standard
Rwy 17, 300-1 or standard with a minimum climb of 502′ per NM to 300.

ASOS 119.275
CLNC DEL
135.35 (when tower closed)
GND CON 118.625
SCHOLES TOWER ★
120.575 (CTAF)
HOUSTON DEP CON
134.45 284.0



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

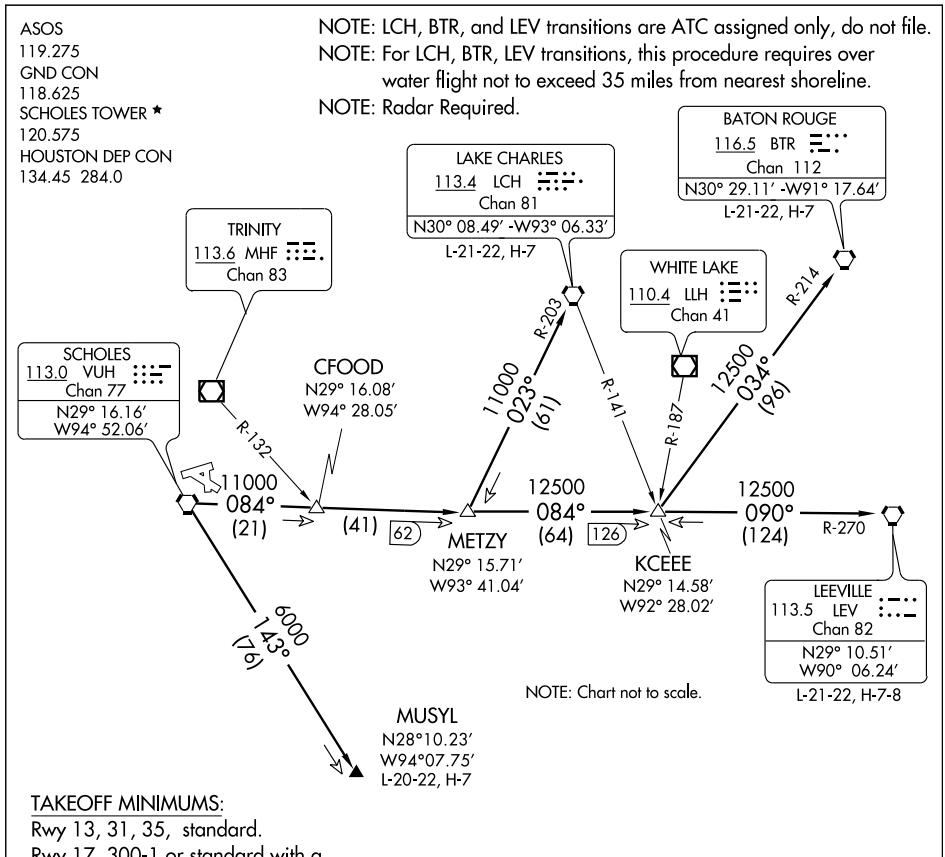
TAKE-OFF OBSTACLES:
Rwy 13, bush 381′ from DER, 533′ left of centerline, 15′ AGL/20′ MSL. Fence 201′ from DER, 490′ left of centerline, 6′ AGL/11′ MSL. Tree 343′ from DER, 468′ right of centerline, 12′ AGL/17 MSL.
Rwy 17, building 3057′ from DER, 339′ left of centerline, 123′ AGL/130′ MSL. Multiple poles beginning 2034′ from DER, 87′ right of centerline, up to 60′ AGL/70′ MSL. Multiple transmission towers beginning 636′ from DER, 551′ right of centerline, up to 55′ AGL/60′ MSL. Tree 460′ from DER, 316′ right of centerline, 22′ AGL/29′ MSL.
Rwy 31, Multiple cranes beginning 4341′ from DER, 1017′ left of centerline, up to 131′ AGL/131′ MSL.
Rwy 35, Tree 730′ from DER, 501′ right of centerline, 27′ AGL/32′ MSL.

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBIJ) 09071

SL-164 (FAA)

GALVESTON/SCHOLES INTL AT GALVESTON (GLS)

GALVESTON, TEXAS



TAKEOFF MINIMUMS:
Rwy 13, 31, 35, standard.
Rwy 17, 300-1 or standard with a minimum climb of 502′ per NM to 300′.

(TAKE-OFF NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 13, Bush 381' from DER, 533' left of centerline, 15' AGL/20' MSL. Fence 201' from DER, 490' left of centerline, 6' AGL/11' MSL. Tree 343' from DER, 468' right of centerline, 12' AGL/17' MSL.

Rwy 17, Bldg 3057' from DER, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL. Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60 MSL. Tree 460' from DER, 316' right of centerline, 22' AGL/29' MSL.

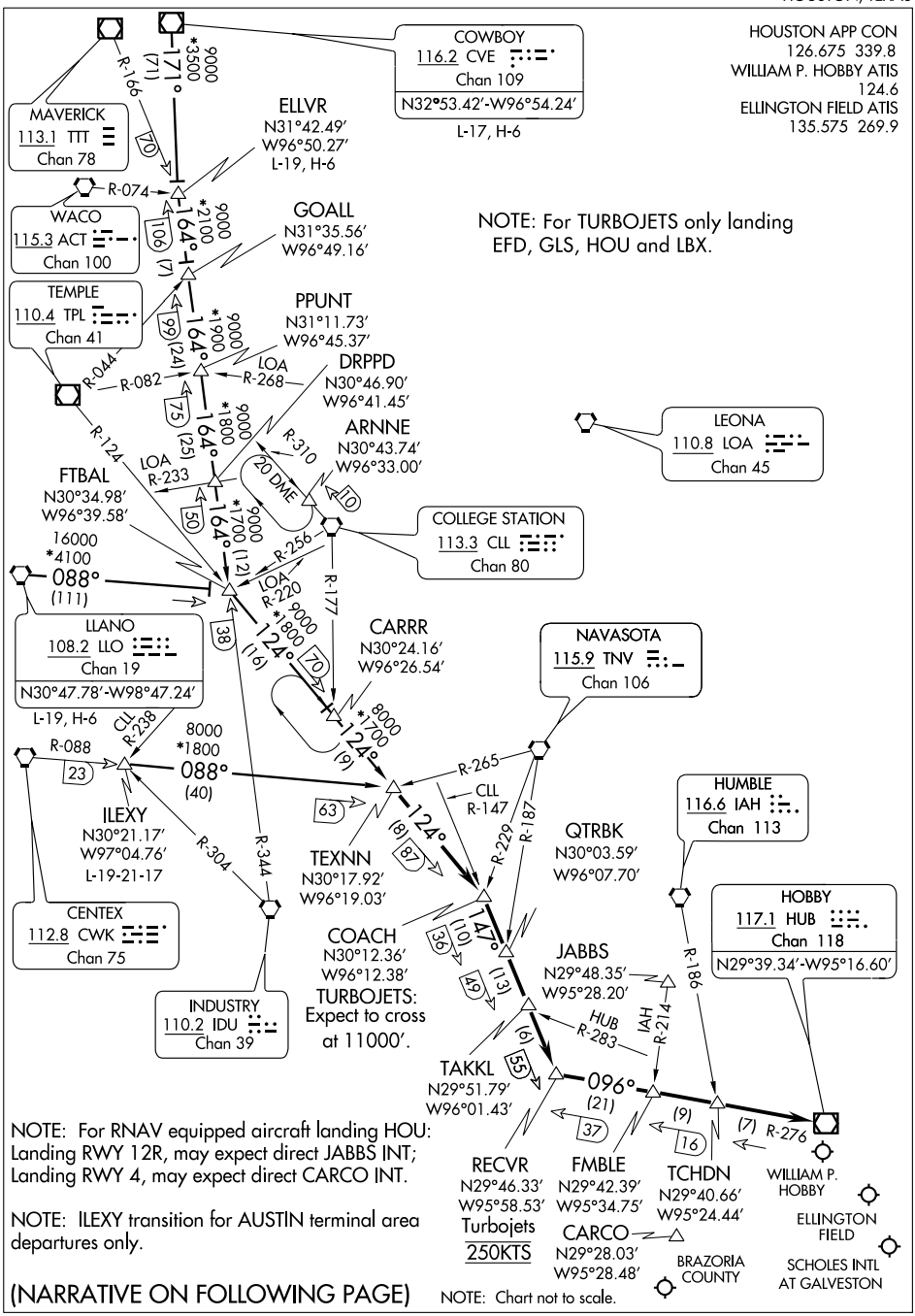
Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.

Rwy 35, Tree 730' from DER, 501' right of centerline, 27' AGL/32' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

WILLIAM P. HOBBY
HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

ARRIVAL DESCRIPTION

COWBOY TRANSITION (CVE.TEXNN4): From over CVE VOR/DME via CVE R-171 to ELLVR INT, then via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ELLVR TRANSITION (ELLVR.TEXNN4): From over ELLVR INT via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ILEXY TRANSITION (ILEXY.TEXNN4): From over ILEXY INT via CWK R-088 to TEXNN INT. Thence . . . .

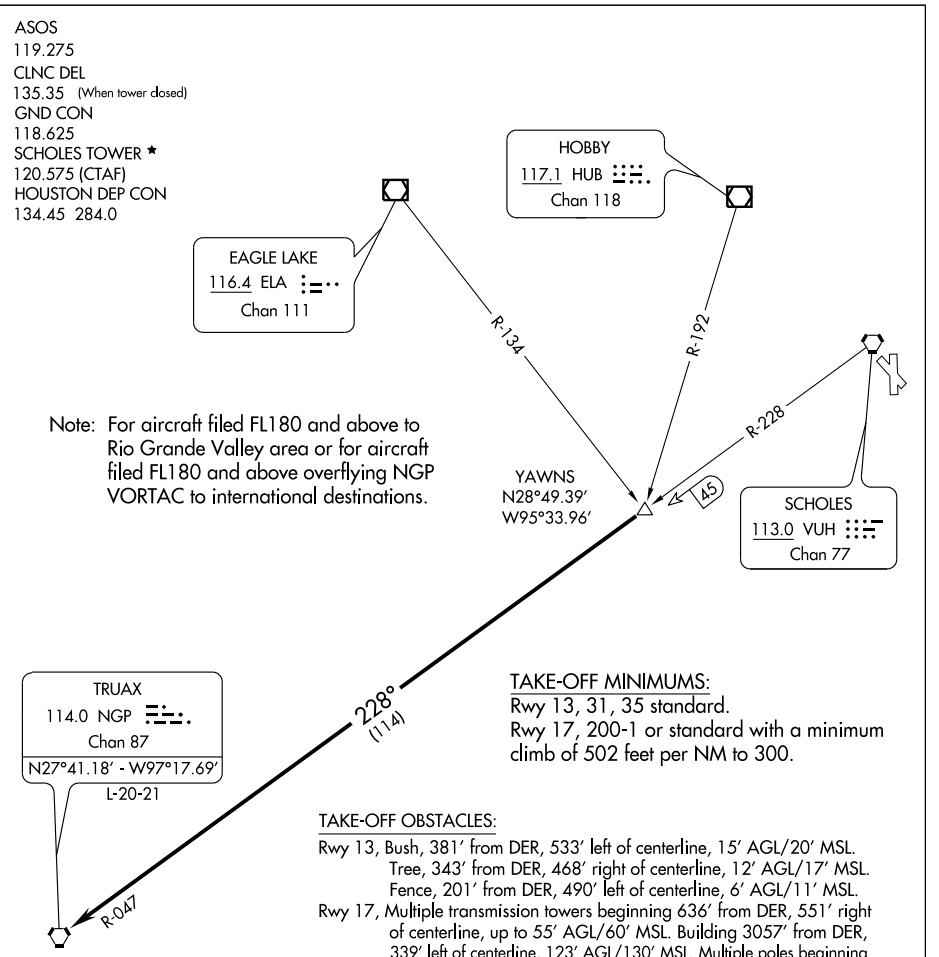
LLANO TRANSITION (LLO.TEXNN4): From over LLO VORTAC via LLO R-088 to FTBAL INT, then via TPL R-124 to CARRR INT, then to TEXNN INT. Thence . . . .

. . . . From over TEXNN INT via TPL R-124 to COACH INT/87 DME, then via CLL R-147 to RECVR INT/55 DME, then via HUB R-276 to TCHDN INT, then via HUB R-276 to HUB VOR. Expect vectors to final approach course at or prior to TCHDN INT.

. . . . LANDING RWY 22: Expect vectors to final approach course at or prior to HUB VOR.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE



TAKE-OFF MINIMUMS:
Rwy 13, 31, 35 standard.
Rwy 17, 200-1 or standard with a minimum climb of 502 feet per NM to 300.

TAKE-OFF OBSTACLES:
Rwy 13, Bush, 381' from DER, 533' left of centerline, 15' AGL/20' MSL.
Tree, 343' from DER, 468' right of centerline, 12' AGL/17' MSL.
Fence, 201' from DER, 490' left of centerline, 6' AGL/11' MSL.
Rwy 17, Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60' MSL. Building 3057' from DER, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL.
Tree, 460' feet from DER, 316' right of centerline, 22' AGL/29' MSL.
Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.
Rwy 35, Tree, 730' from DER, 501' right of centerline, 27' AGL/32' MSL.

NOTE: Chart not to scale.

NOTE: Radar Required.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to YAWNS INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC VUH	APP CRS	Rwy Idg	6000
113.0	143°	TDZE	5
Chan 77		Apt Elev	6

VOR RWY 13

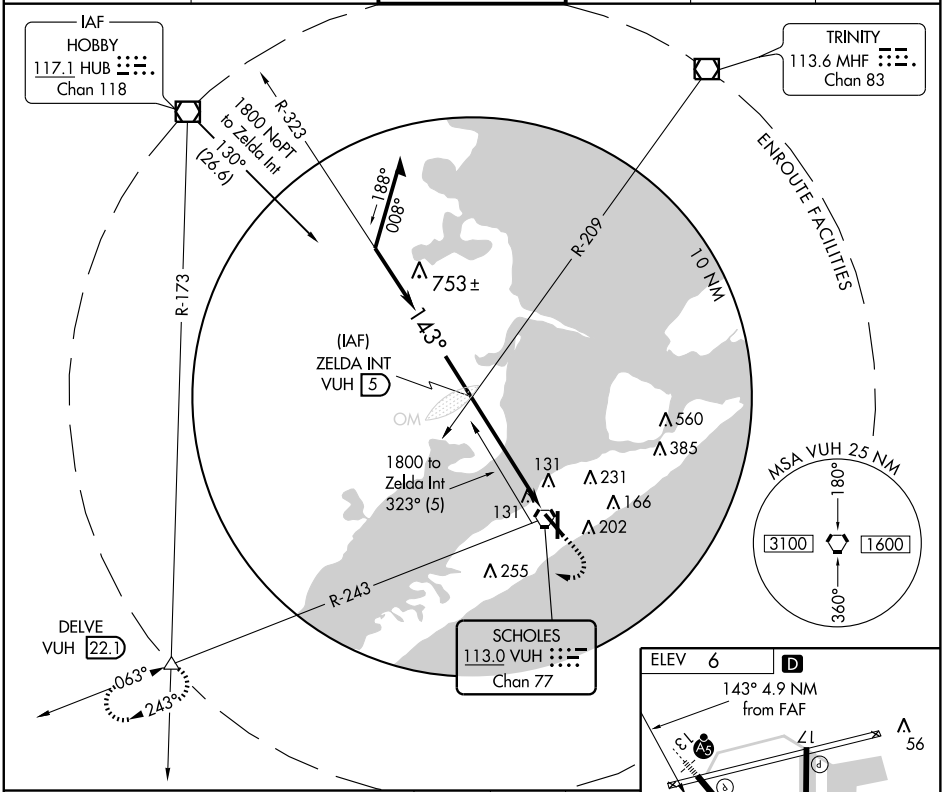
GALVESTON/ SCHOLES INTL AT GALVESTON (GLS)

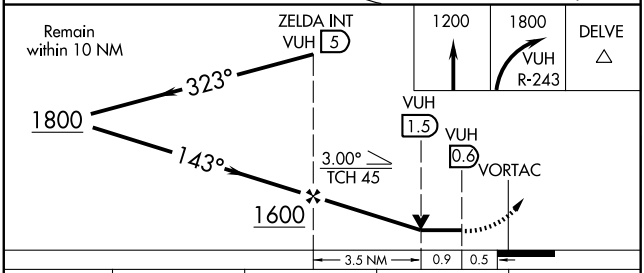
Circling not authorized east of Rwy 13-31.

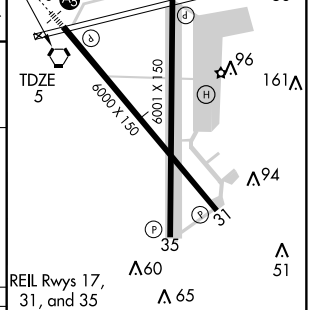
MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 1800 via VUH R-243 to DELVE Int and hold.

ASOS	HOUSTON APP CON	SCHOLES TOWER★	GND CON	CLNC DEL	UNICOM
119.275	134.45 284.0	120.575 (CTAF) L	118.625	135.35 (When tower closed)	123.05







CATEGORY	A	B	C	D
S-13	480-½ 475 (500-½)		480-¾ 475 (500-¾)	480-1 475 (500-1)
CIRCLING	500-1 494 (500-1)		500-1½ 494 (500-1½)	560-2 554 (600-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3800
130°	TDZE	129
	Apt Elev	129

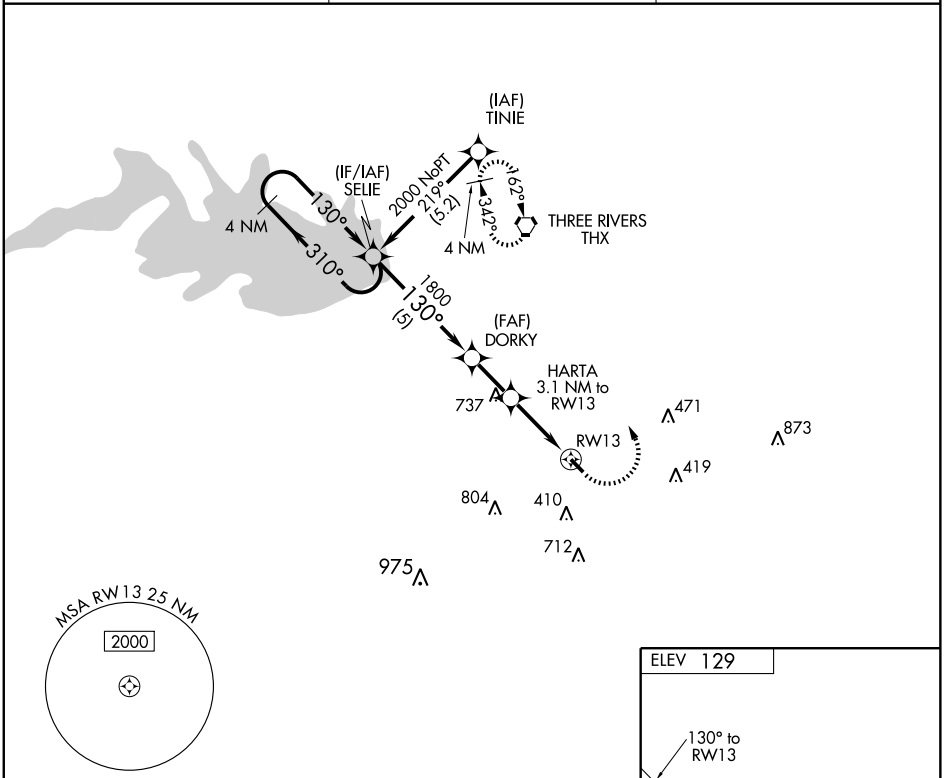
RNAV (GPS) RWY 13

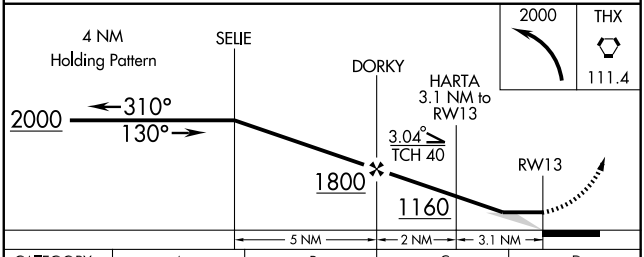
GEORGE WEST/LIVE OAK COUNTY (8T6)

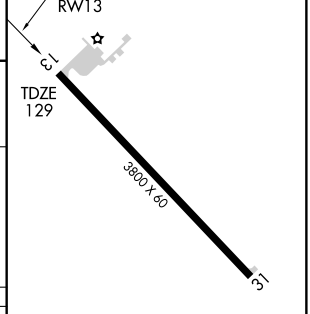
Use Alice Intl altimeter setting. GPS or RNP-0.3 required.
NA DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing left turn to 2000 direct THX VORTAC and hold.

HOUSTON CENTER	CTAF	
134.6 322.5	122.9	122.7







CATEGORY	A	B	C	D
LNAV MDA	700-1	571 (600-1)	700-1½ 571 (600-1½)	NA
CIRCLING	760-1	631 (700-1)	760-1¾ 631 (700-1¾)	NA

MIRL Rwy 13-31

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC THX	APP CRS	Rwy Idg	N/A
111.4	160°	TDZE	N/A
Chan 51		Apt Elev	129

VOR/DME-A

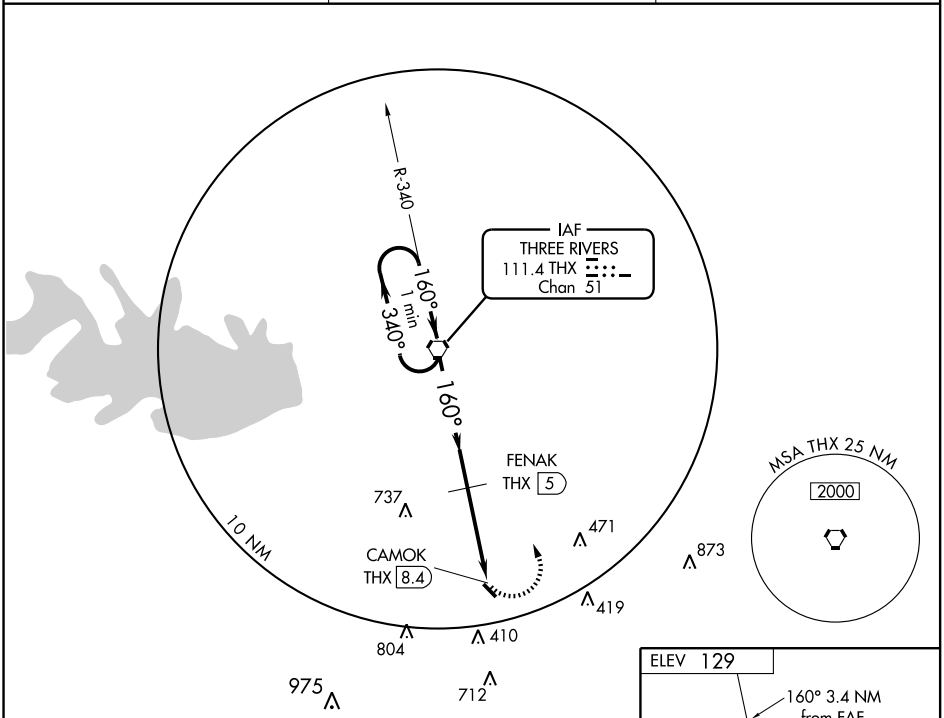
GEORGE WEST/LIVE OAK COUNTY (8T6)

NA

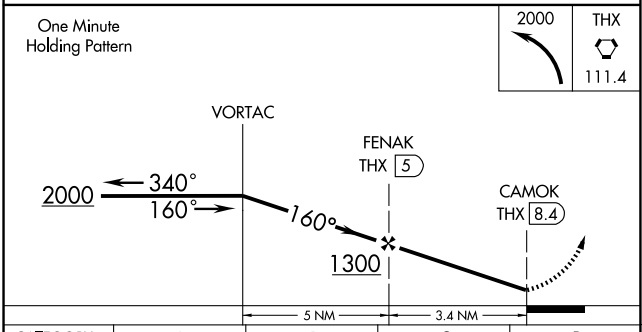
Use Alice Intl altimeter setting.

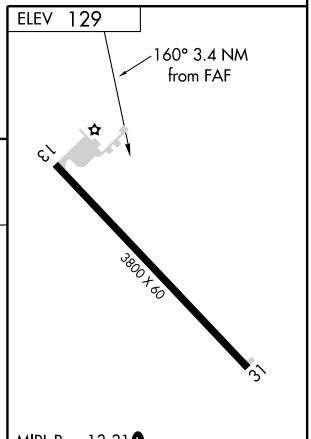
MISSED APPROACH: Climbing left turn to 2000 direct THX VORTAC and hold.

HOUSTON CENTER	CTAF	
134.6 322.5	122.9	122.7 L



NoPT for arrivals on THX airway radials 319 clockwise 337.





MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
CIRCLING	760-1 631 (700-1)		760-1¾ 631 (700-1¾)	NA

FAF to MAP 3.4 NM

Knots	60	90	120	150	180
Min:Sec	3:24	2:16	1:42	1:22	1:08

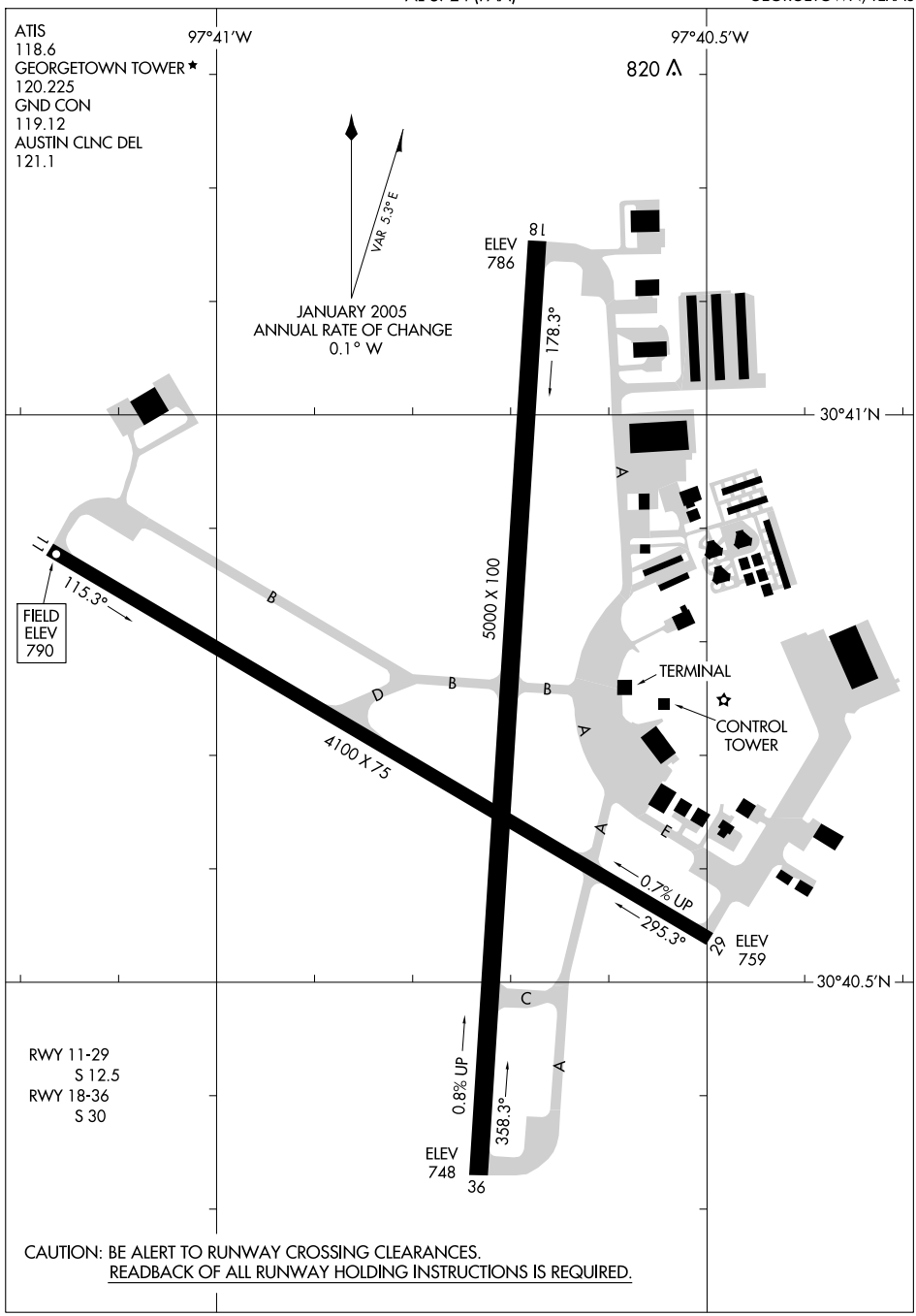
SC-3, 17 DEC 2009 to 14 JAN 2010

08137

AIRPORT DIAGRAM

AL-5724 (FAA)

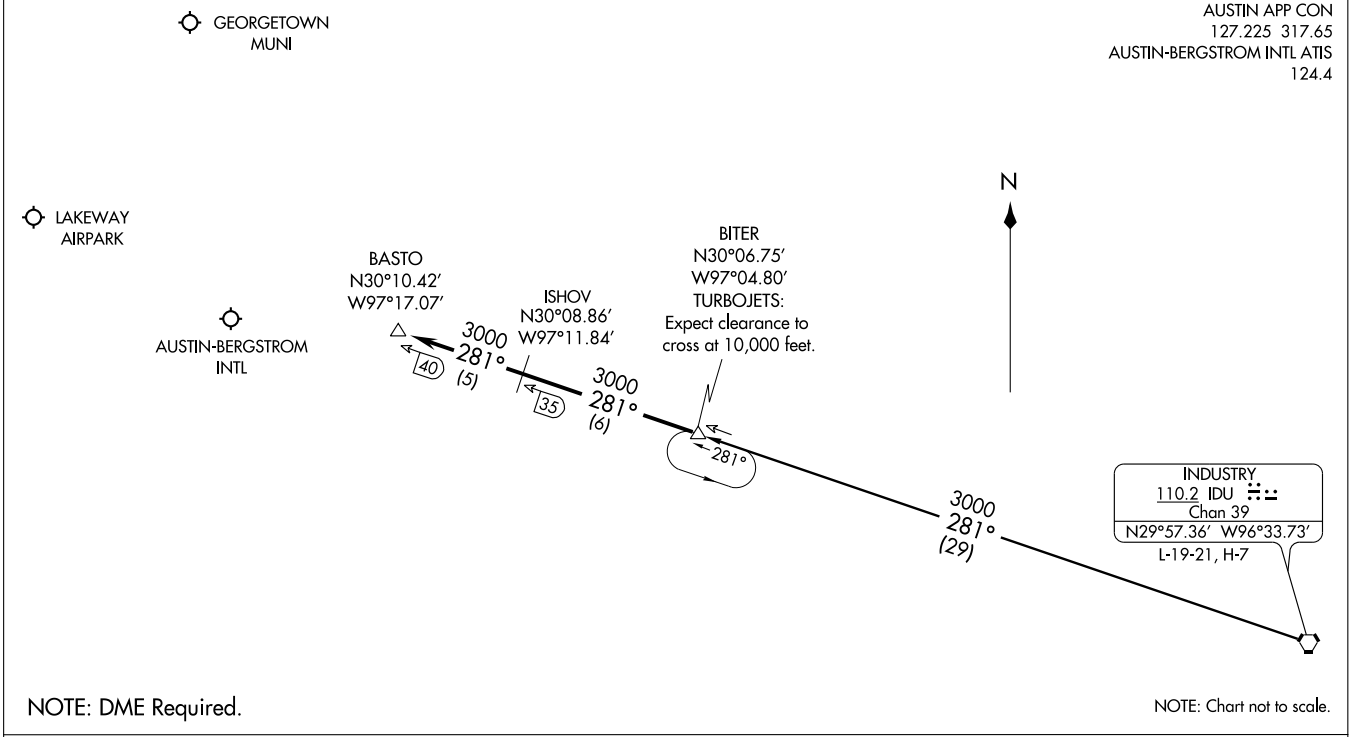
GEORGETOWN MUNI (GTU)
GEORGETOWN, TEXAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-3, 17 DEC 2009 to 14 JAN 2010

BITER FOUR ARRIVAL (BITER.BITER4)

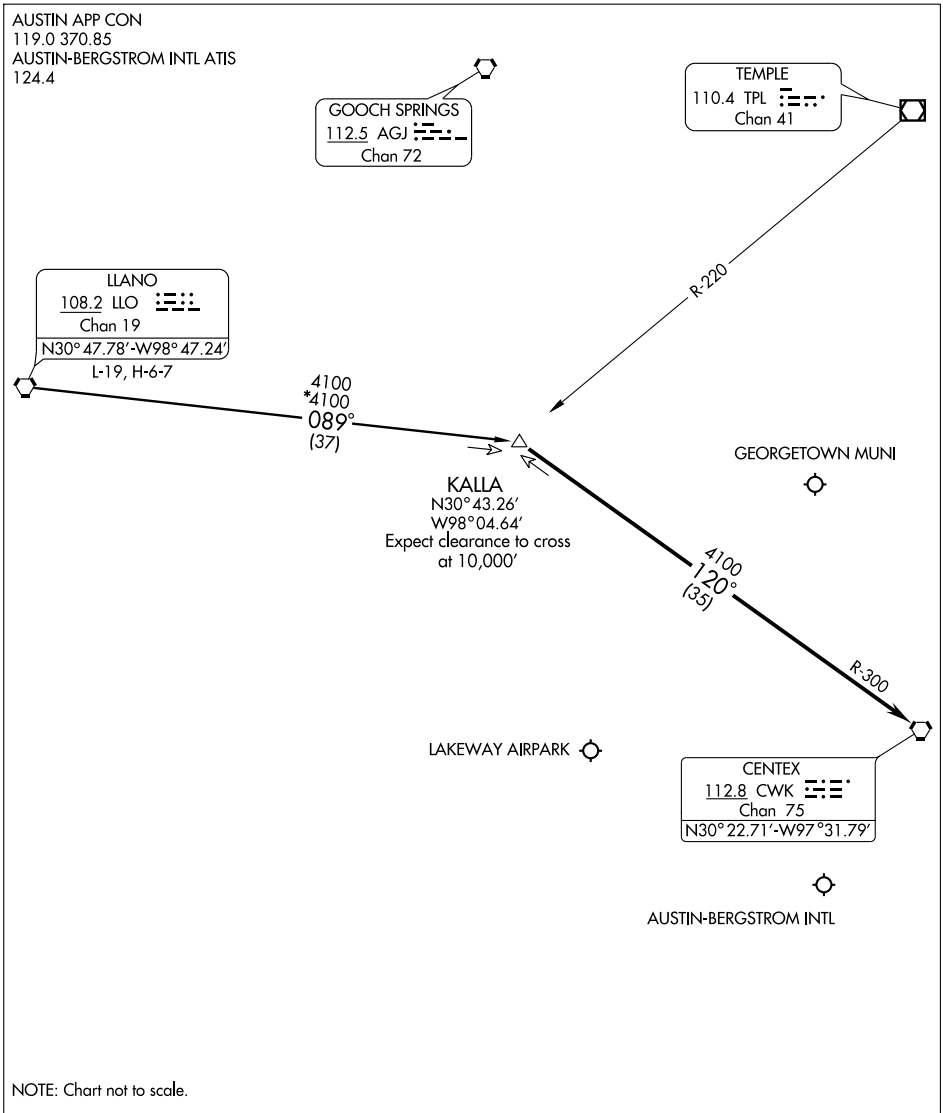


INDUSTRY TRANSITION (IDU.BITER4): From over IDU VORTAC via IDU R-281 to BITER INT. Thence . . . .

. . . . From over BITER INT via IDU R-281 to BASTO INT (MEA 3000). Expect radar vectors to final approach.

KALLA TWO ARRIVAL (KALLA.KALLA2)

AUSTIN, TEXAS



NOTE: Chart not to scale.

LLANO TRANSITION (LLO.KALLA2): From over LLO VORTAC via LLO R-089 to KALLA INT. Thence . . . .

. . . . From over KALLA INT via CWK R-300 to CWK VORTAC. Expect radar vectors to final approach.

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB GUO	APP CRS	Rwy Idg	5000
332	187°	TDZE	786
		Apt Elev	790

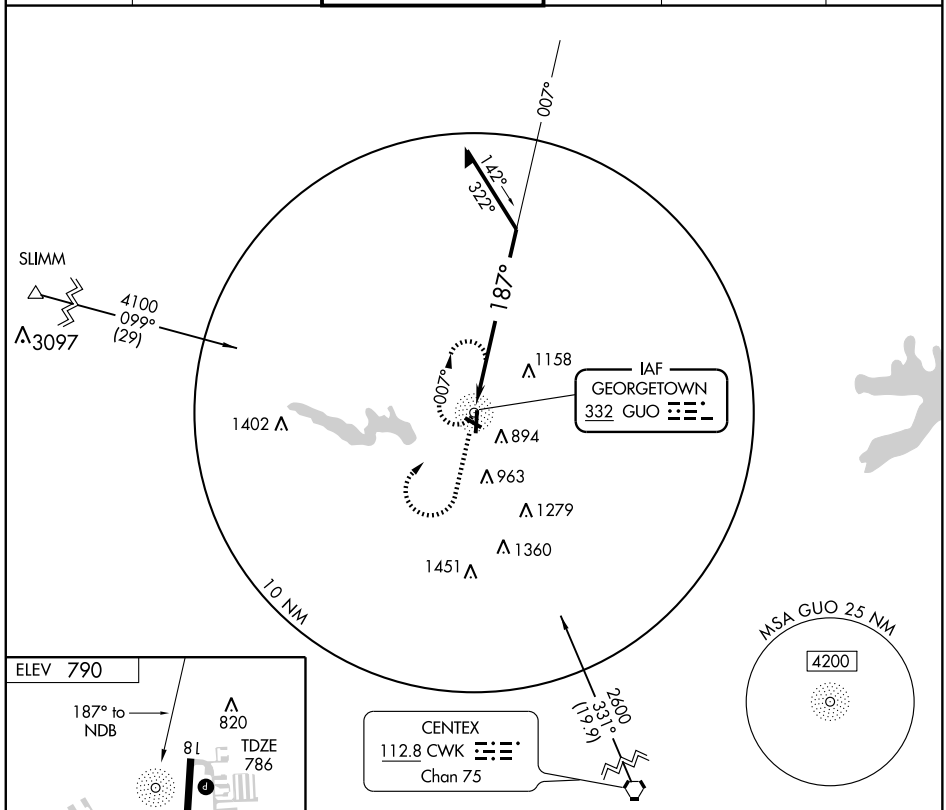
NDB RWY 18

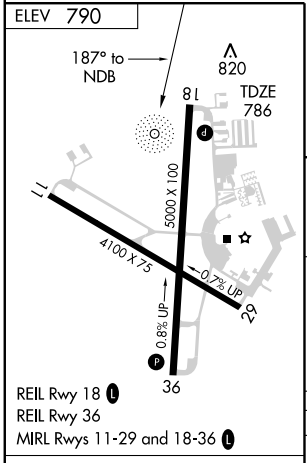
GEORGETOWN MUNI (GTU)

NA

MISSED APPROACH: Climb to 2600 then right turn direct GUO NDB and hold.

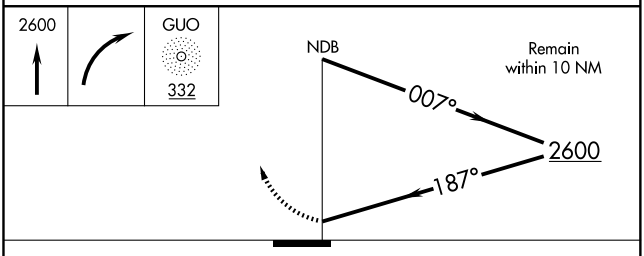
ATIS	AUSTIN APP CON	GEORGETOWN TOWER ★	GND CON	AUSTIN CLNC DEL	UNICOM
118.6	119.0 370.85	120.225 (CTAF) L	119.12	121.1	123.0





REIL Rwy 18 L
REIL Rwy 36
MIRL Rwys 11-29 and 18-36 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-18	1480-1	694 (700-1)	1480-2 694 (700-2)	NA
CIRCLING	1480-1	690 (700-1)	1480-2 690 (700-2)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4100
115°	TDZE	790
	Apt Elev	790

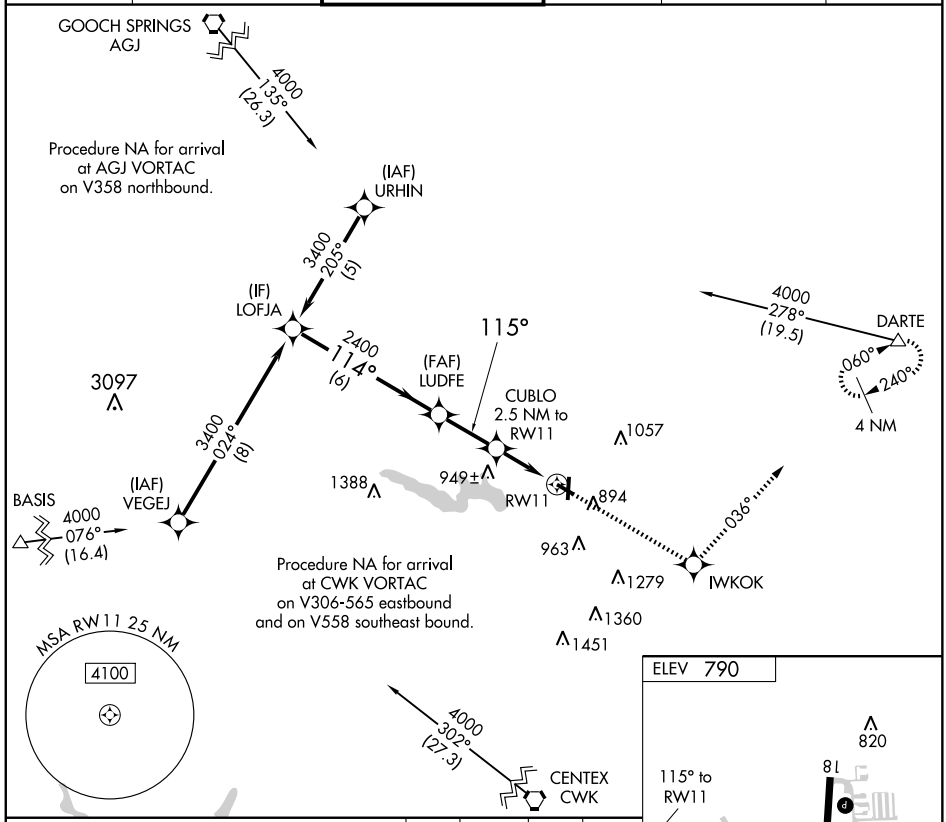
RNAV (GPS) RWY 11

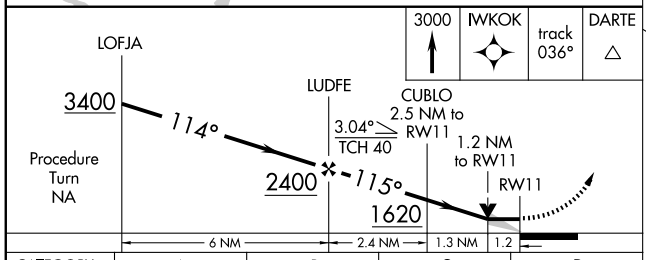
GEORGETOWN MUNI (GTU)

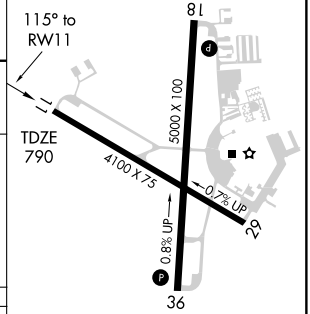
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet.
VDP NA when using Skylark Field altimeter setting.

MISSED APPROACH: Climb to 3000 direct IWKOK and via track 036° to DARTE and hold.

ATIS	AUSTIN APP CON	GEORGETOWN TOWER ★	GND CON	AUSTIN CLNC DEL	UNICOM
118.6	119.0 370.85	120.225 (CTAF) L	119.12	121.1	123.0







CATEGORY	A	B	C	D
LNAV MDA	1200-1	410 (500-1)	1200-1¼ 410 (500-1¼)	NA
CIRCLING	1260-1	470 (500-1)	1260-1½ 470 (500-1½)	NA

REIL Rwy 18 L
REIL Rwy 36
MIRL Rwys 11-29 and 18-36 L

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 18

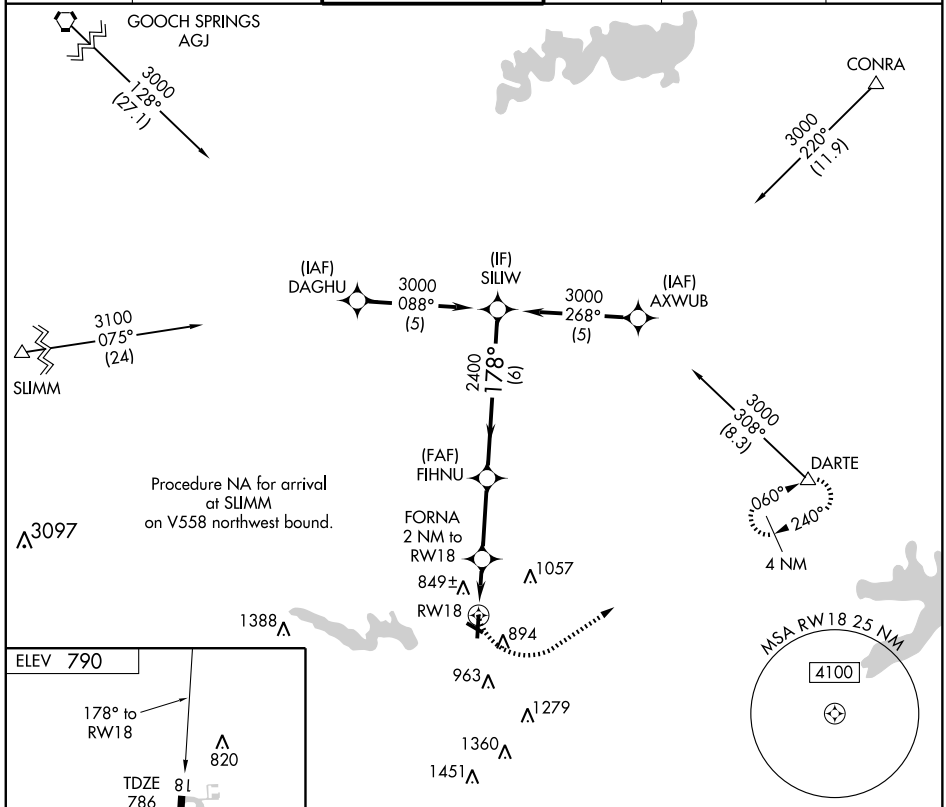
GEORGETOWN MUNI (GTU)

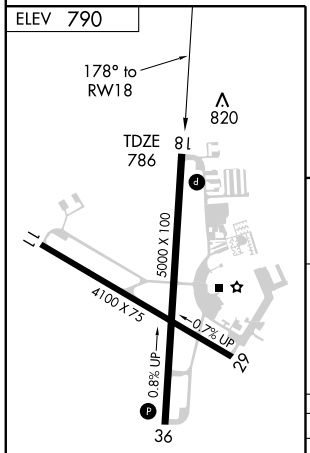
APP CRS	Rwy Idg	5000
178°	TDZE	786
	Apt Elev	790

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet. VDP NA when using Skylark Field altimeter setting.

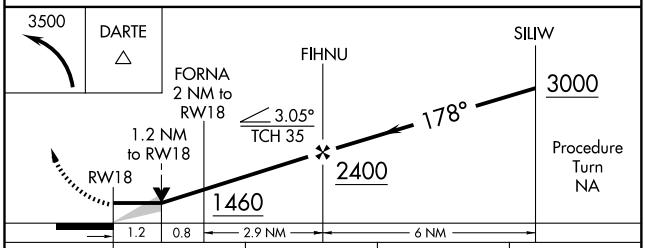
MISSED APPROACH: Climbing left turn to 3500 direct DARTE and hold.

ATIS	AUSTIN APP CON	GEORGETOWN TOWER ★	GND CON	AUSTIN CLNC DEL	UNICOM
118.6	119.0 370.85	120.225 (CTAF) L	119.12	121.1	123.0





REIL Rwy 18 L
REIL Rwy 36
MIRL Rwys 11-29 and 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	1200-1 414 (500-1)		1200-1¼ 414 (500-1¼)	NA
CIRCLING	1260-1 470 (500-1)		1260-1½ 470 (500-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4100
295°	TDZE	777
	Apt Elev	790

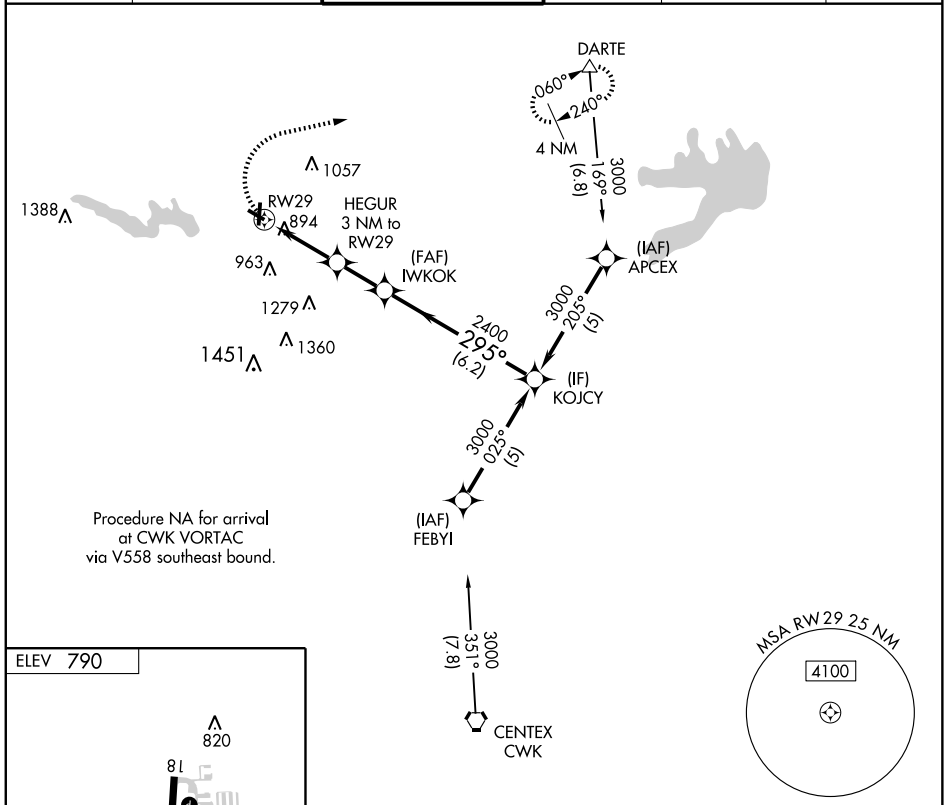
RNAV (GPS) RWY 29

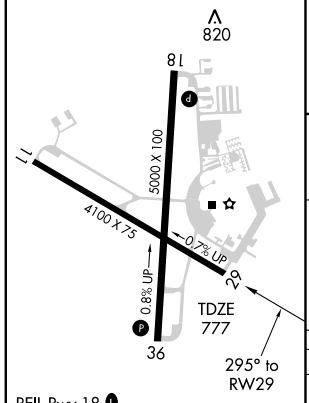
GEORGETOWN MUNI (GTU)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet. VDP NA when using Skylark Field altimeter setting.

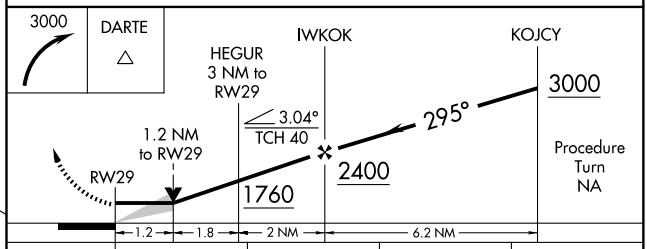
MISSED APPROACH: Climbing right turn to 3000 direct DARTE and hold.

ATIS	AUSTIN APP CON	GEORGETOWN TOWER ★	GND CON	AUSTIN CLNC DEL	UNICOM
118.6	119.0 370.85	120.225 (CTAF) L	119.12	121.1	123.0





REIL Rwy 18 L
REIL Rwy 36
MIRL Rwys 11-29 and 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	1180-1 403 (400-1)		1180-1¼ 403 (400-1¼)	NA
CIRCLING	1260-1 470 (500-1)		1260-1½ 470 (500-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 36

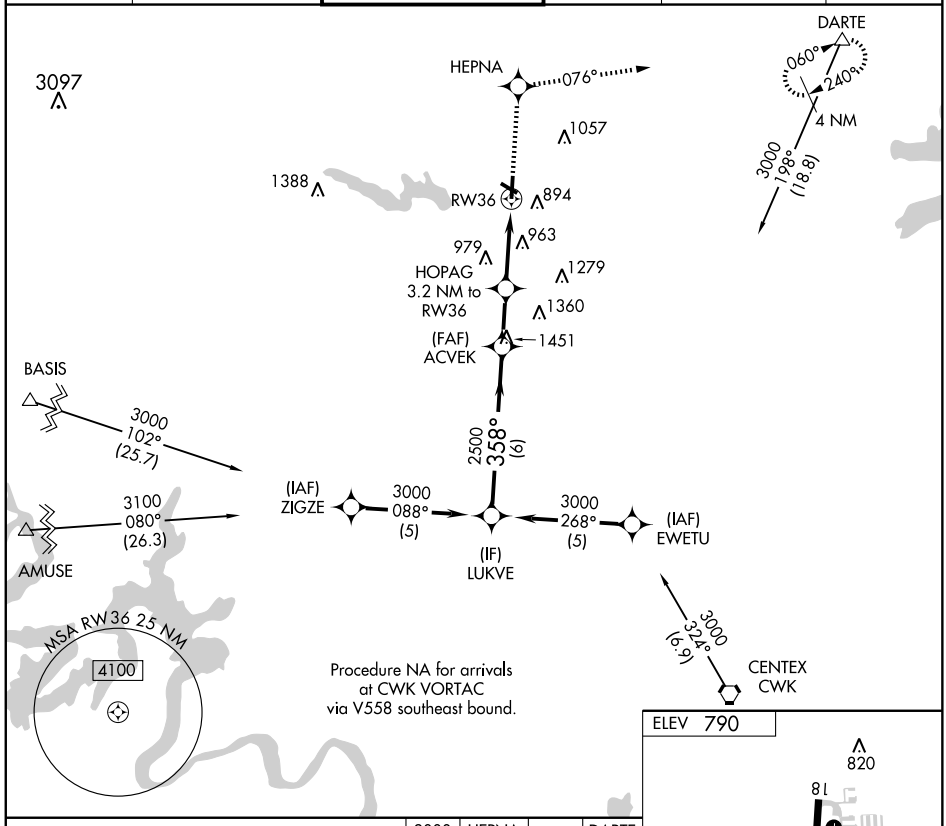
GEORGETOWN MUNI (GTU)

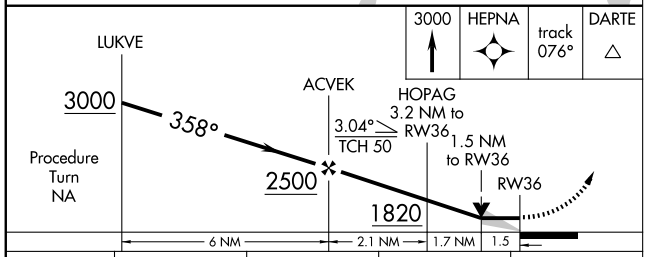
APP CRS	Rwy Idg	TDZE	Apt Elev
358°	5000	765	790

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Skylark Field altimeter setting and increase all MDA 80 feet. VDP NA when using Skylark Field altimeter setting.

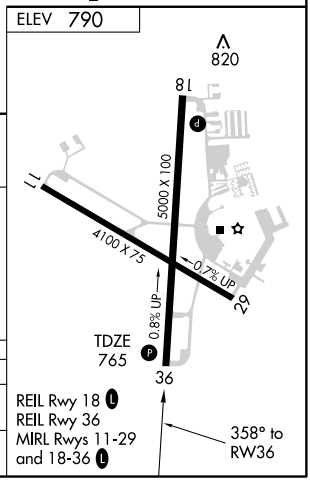
MISSED APPROACH: Climb to 3000 direct HEPNA and via track 076° to DARTE and hold.

ATIS	AUSTIN APP CON	GEORGETOWN TOWER ★	GND CON	AUSTIN CLNC DEL	UNICOM
118.6	119.0 370.85	120.225 (CTAF) L	119.12	121.1	123.0





CATEGORY	A	B	C	D
LNAV MDA	1280-1	515 (500-1)	1280-1½ 515 (500-1½)	NA
CIRCLING	1280-1	490 (500-1)	1280-1½ 490 (500-1½)	NA



SC-3, 17 DEC 2009 to 14 JAN 2010

GIDDINGS, TEXAS AL-6499 (FAA)

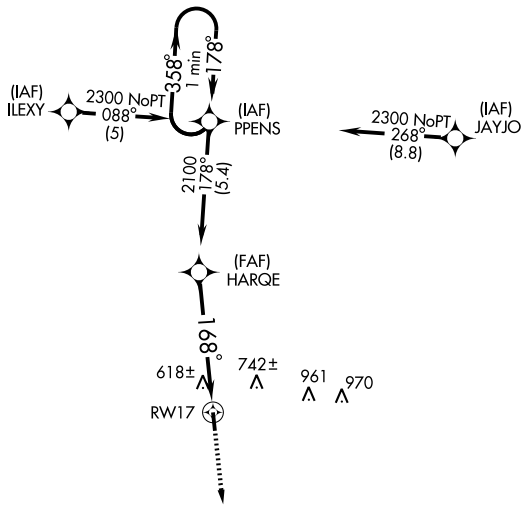
APP CRS	Rwy Idg	4000
168°	TDZE	485
	Apt Elev	485

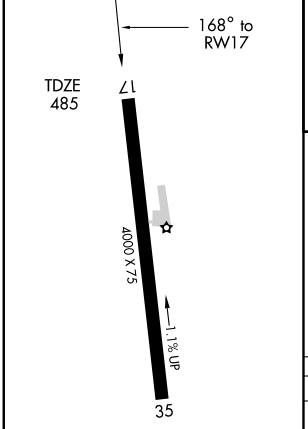
GPS RWY 17
GIDDINGS-LEE COUNTY (GYB)

NA — Use Austin-Bergstrom Intl altimeter setting.

MISSED APPROACH: Climb to 2500 direct RAMOS WP and hold.

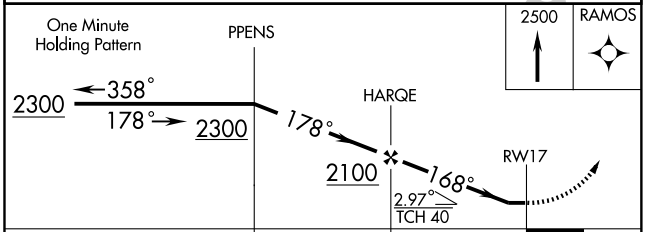
AWOS-3	HOUSTON CENTER	UNICOM
119.225	132.15 279.6	123.05 (CTAF)





MIRL Rwy 17-35





CATEGORY	A	B	C	D
S-17	1020-1 535 (600-1)		1020-1½ 535 (600-1½)	NA
CIRCLING	1080-1 595 (600-1)		1080-1½ 595 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

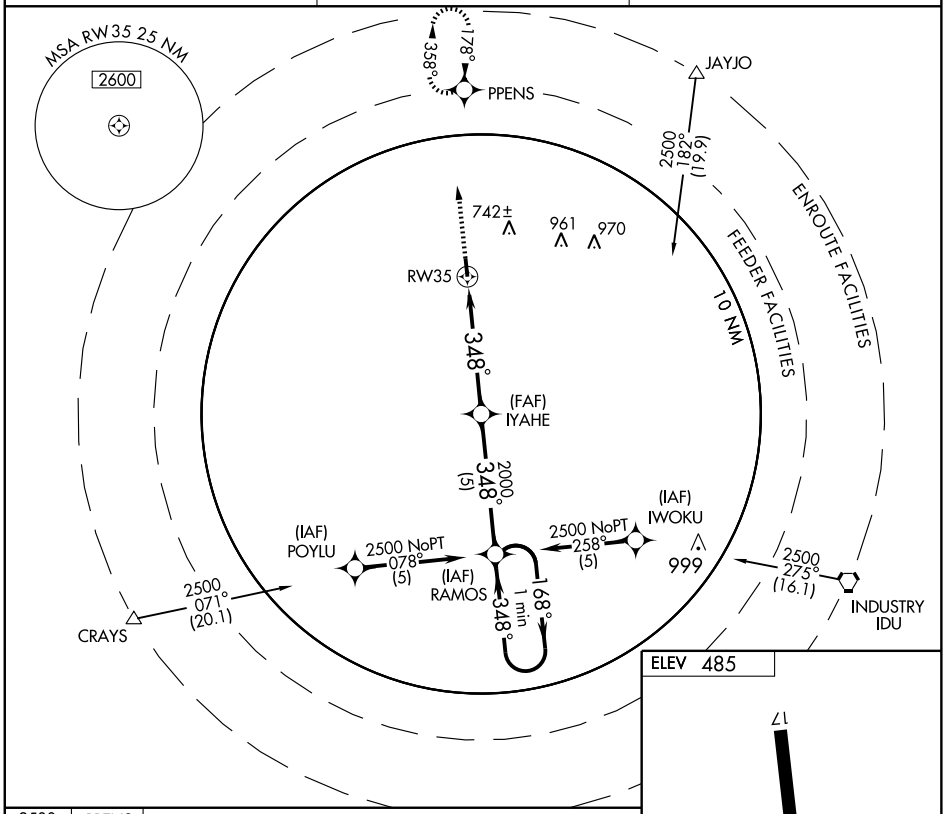
APP CRS	Rwy Idg	4000
348°	TDZE	485
	Apt Elev	485

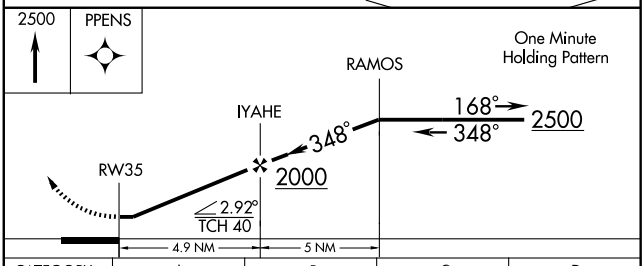
GPS RWY 35
GIDDINGS-LEE COUNTY (GYB)

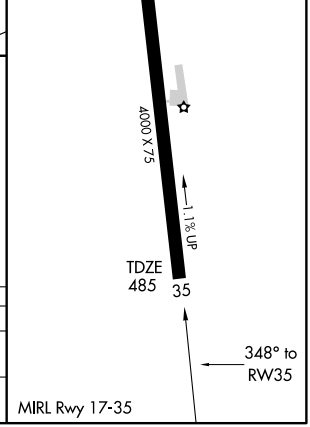
NA — Use Austin-Bergstrom Intl altimeter setting.

MISSED APPROACH: Climb to 2500 direct PPENS WP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.225	132.15 279.6	123.05 (CTAF)







CATEGORY	A	B	C	D
S-35	1000-1 527 (600-1)		1000-1½ 527 (600-1½)	NA
CIRCLING	1080-1 595 (600-1)		1080-1½ 595 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC IDU 110.2 Chan 39	APP CRS 293°	Rwy Idg N/A TDZE N/A Apt Elev 485

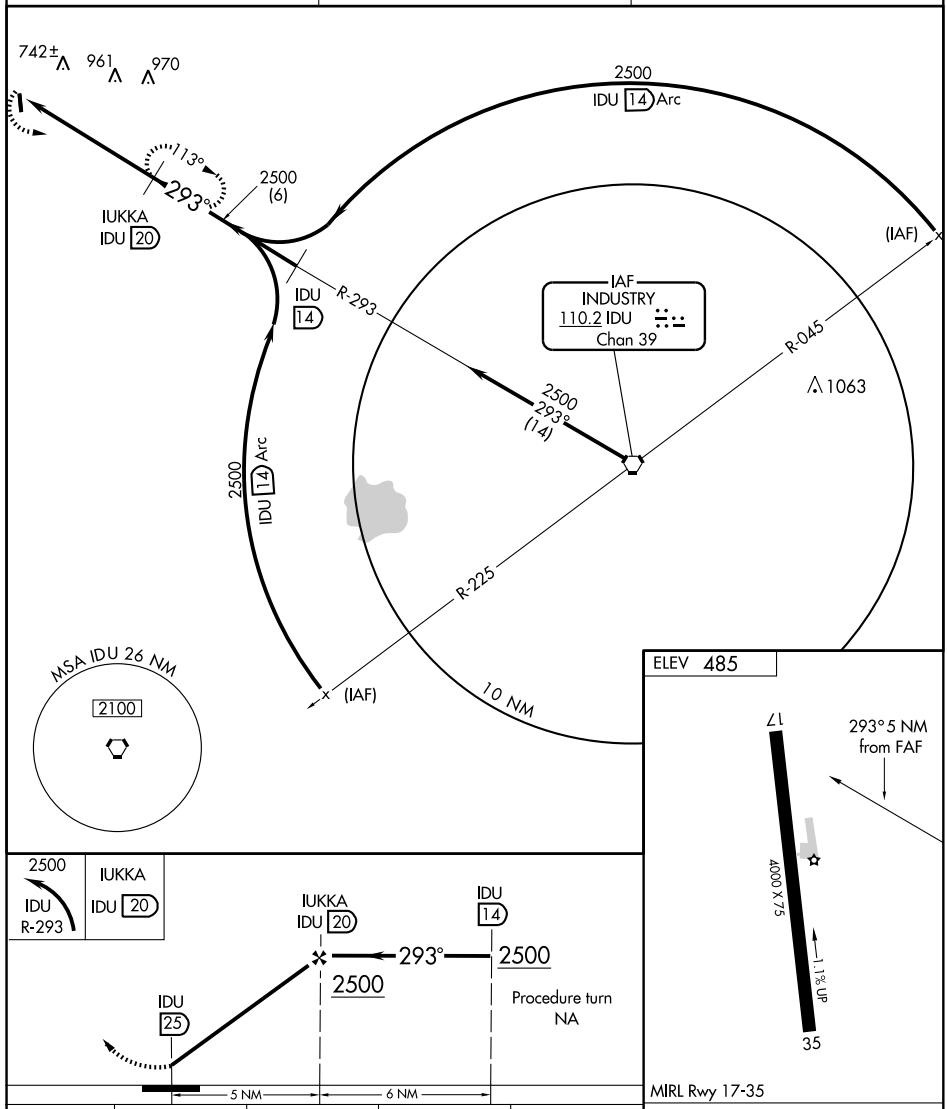
VOR/DME-A

GIDDINGS-LEE COUNTY (GYB)

⚠ NA Use Austin-Bergstrom Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 2500 via IDU R-293 to IUKKA 20 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.225	132.15 279.6	123.05 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1300-1 815 (900-1)	1300-1¼ 815 (900-1¼)	1300-2½ 815 (900-2½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME UIM 114.0 Chan 87	APP CRS 109°	Rwy Idg N/A TDZE N/A Apt Elev 415

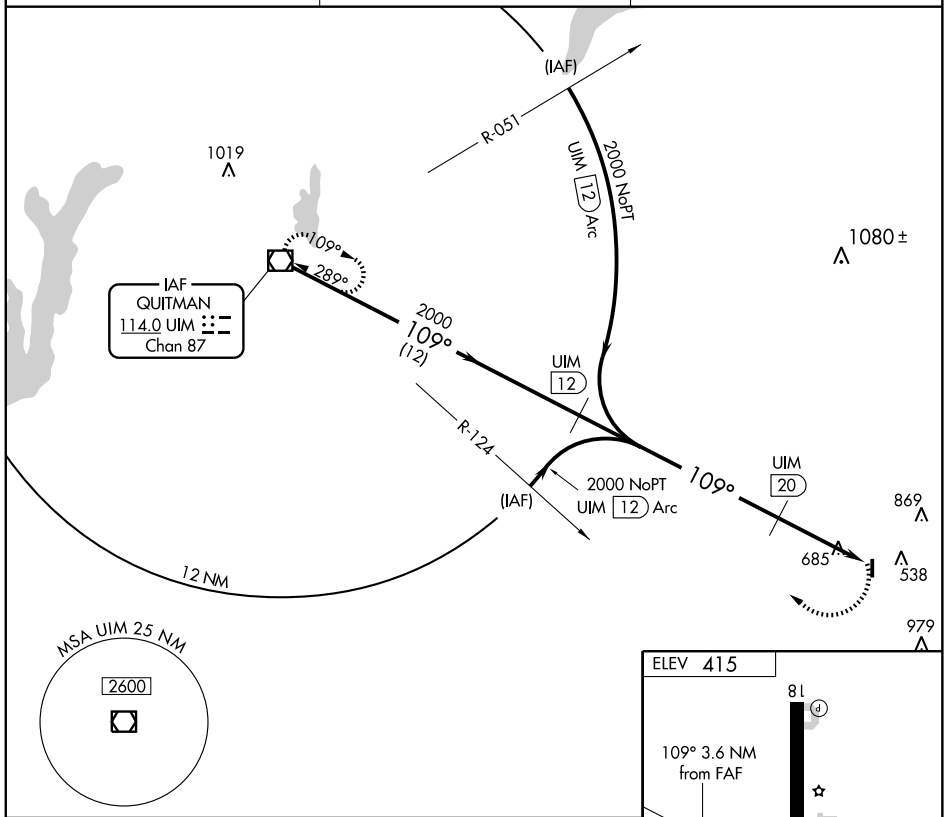
VOR/DME-A

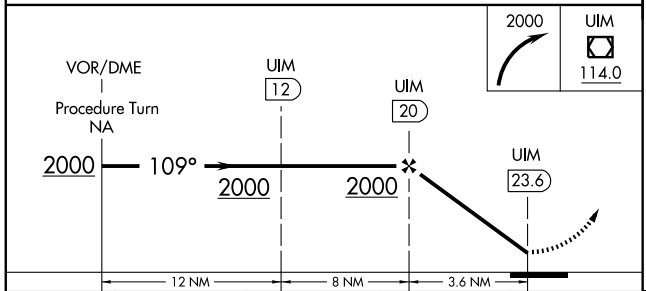
GILMER/FOX STEPHENS FIELD-GILMER MUNI (JXI)

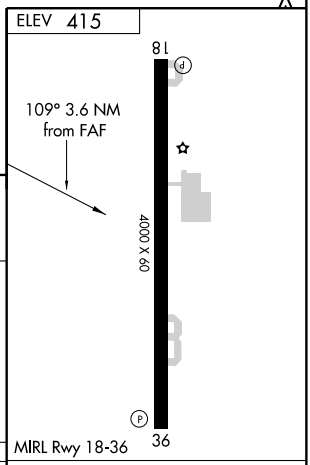
⚠ NA Use Gregg County altimeter setting; when not received, procedure not authorized.

MISSED APPROACH: Climbing right turn to 2000 direct UIM VOR/DME and hold.

AWOS-3	LONGVIEW APP CON ★	CTAF
118.2	118.25 270.3	122.9







CATEGORY	A	B	C	D
CIRCLING	1180-1 765 (800-1)	1180-1¼ 765 (800-1¼)	1180-2¼ 765 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

GLADEWATER, TEXAS

AL-6562 (FAA)

VORTAC GGG	APP CRS	Rwy Idg	3301
112.3	115°	TDZE	297
Chan 70		Apt Elev	297

VOR/DME or GPS RWY 14

GLADEWATER MUNI (Ø7F)

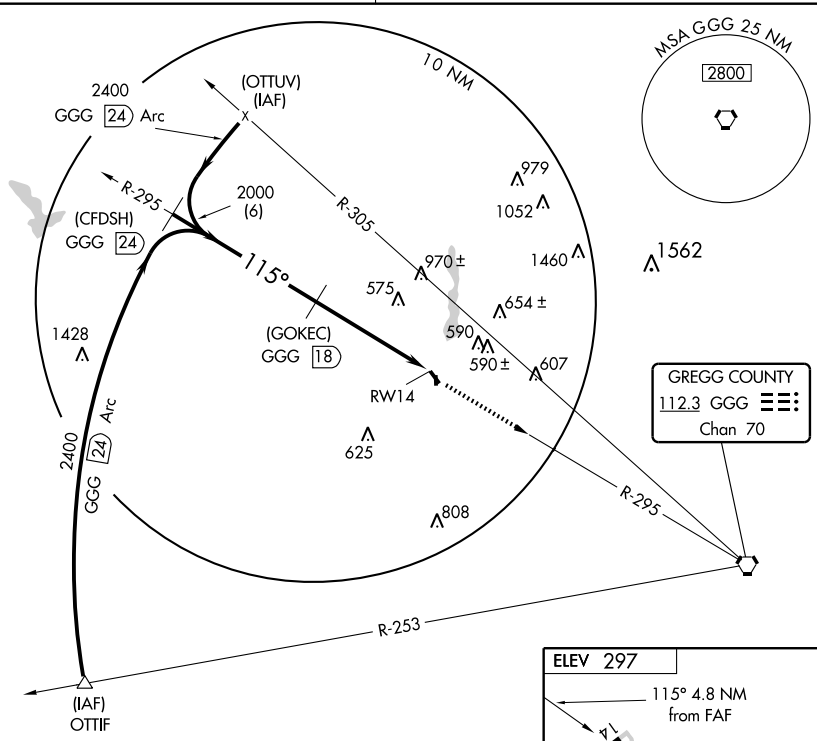
Use Gregg County altimeter setting; when not received procedure not authorized.

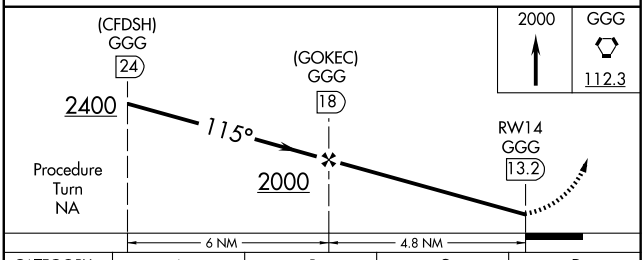
NA

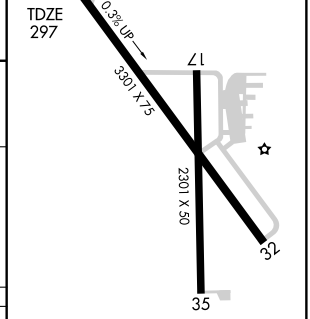
MISSED APPROACH: Climb to 2000 direct GGG VORTAC.

LONGVIEW APP CON ★
118.25 270.3

CTAF
122.9







MIRL Rwy 14-32

CATEGORY	A	B	C	D
S-14	880-1	583 (600-1)	880-1½ 583 (600-1½)	NA
CIRCLING	880-1	583 (600-1)	880-1½ 583 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB GZV 280	APP CRS 209°	Rwy Idg 3500 TDZE 1008 Apt Elev 1008

NDB or GPS-A

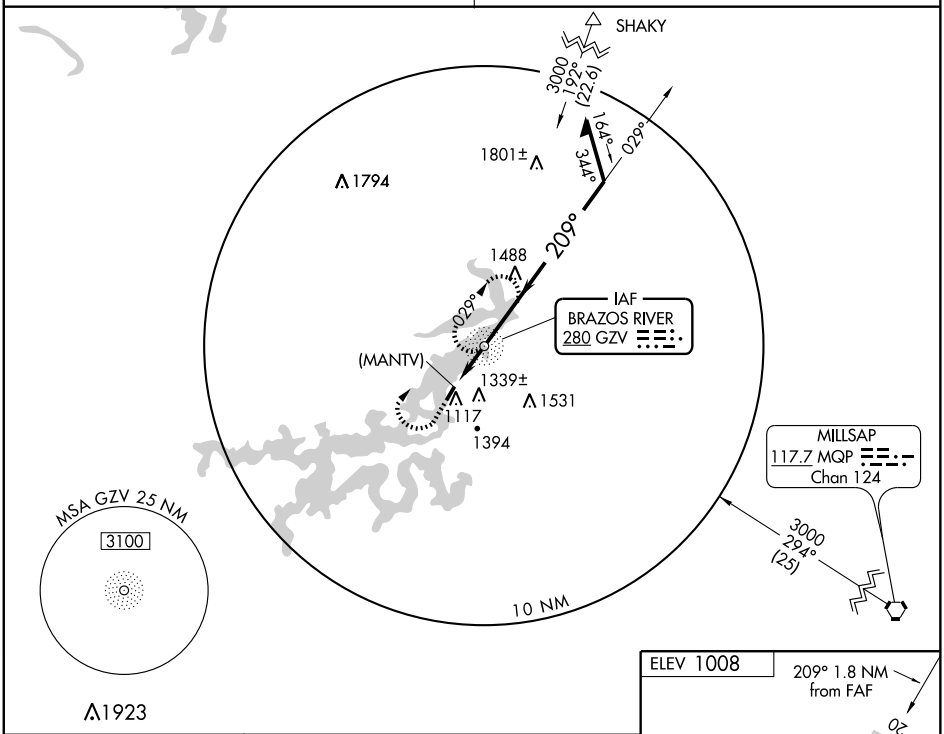
GRAFORD/ POSSUM KINGDOM (F35)

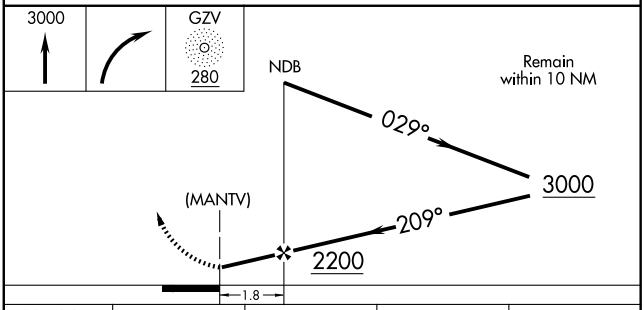
Use Mineral Wells altimeter setting, when not received use Fort Worth Meacham altimeter setting.

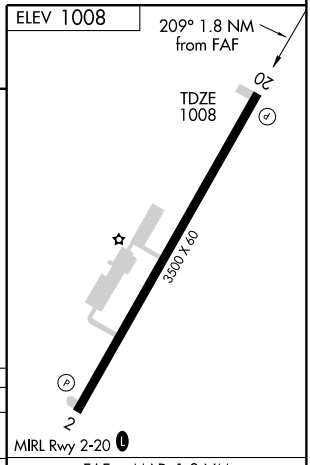
NA

MISSED APPROACH: Climb to 3000, then right turn direct GZV NDB and hold.

FORT WORTH CENTER	CTAF
127.0 360.6	122.9 L







CATEGORY	A	B	C	D
CIRCLING	1700-1 692 (700-1)	1740-1 732 (800-1)	1740-2 732 (800-2)	NA
FORT WORTH MEACHAM ALTIMETER SETTING				
CIRCLING	1820-1 812 (900-1)	1860-1¼ 852 (900-1¼)	1860-2½ 852 (900-2½)	NA

FAF to MAP 1.8 NM

Knots	60	90	120	150	180
Min:Sec	1:48	1:12	0:54	0:43	0:36

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
033°	TDZE	1116
	Apt Elev	1123

RNAV (GPS) RWY 3

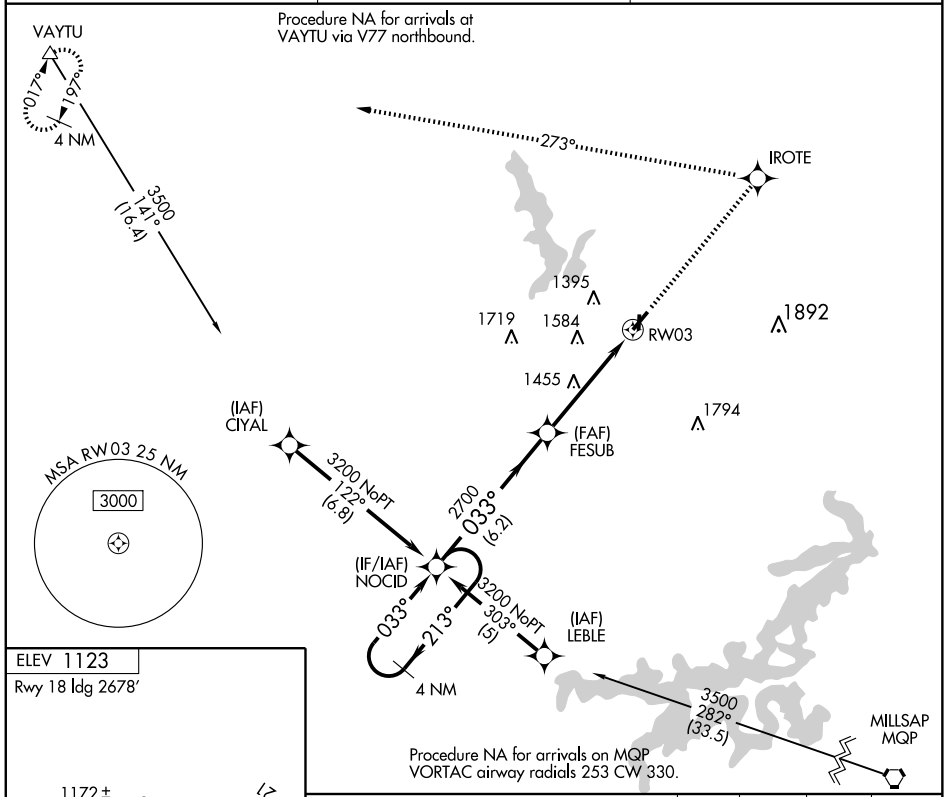
GRAHAM MUNI (RPH)

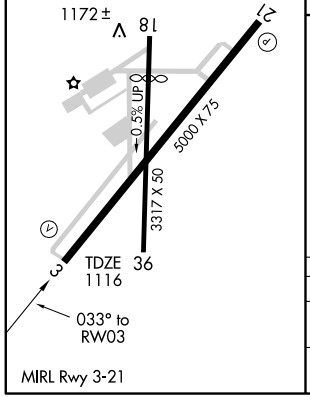
When local altimeter setting not received, use Mineral Wells altimeter setting and increase all MDAs 100 feet and increase LNAV and circling CAT B visibility ¼ mile. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

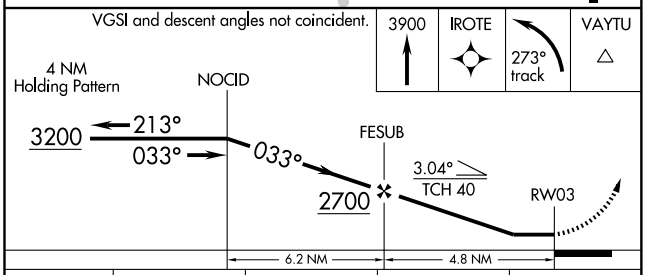
MISSED APPROACH: Climb to 3900 direct IROTE and left turn via 273° track to VAYTU and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	127.0 360.6	122.975 (CTAF)

Procedure NA for arrivals at VAYTU via V77 northbound.







CATEGORY	A	B	C	D
LNAV MDA	1760-1 644 (700-1)		NA	
CIRCLING	1760-1 637 (700-1)		NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

GRAHAM, TEXAS

AL-5535 (FAA)

RNAV (GPS) RWY 21

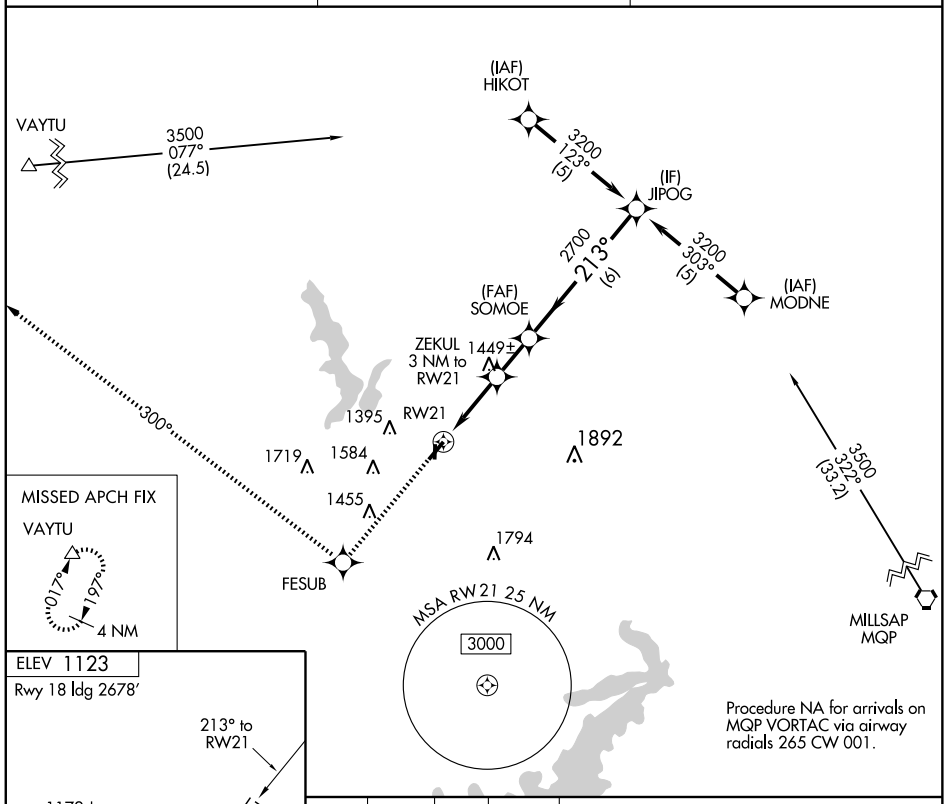
GRAHAM MUNI (RPH)

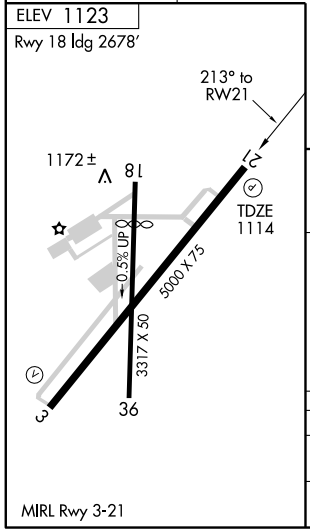
APP CRS	Rwy Idg	5000
213°	TDZE	1114
	Apt Elev	1123

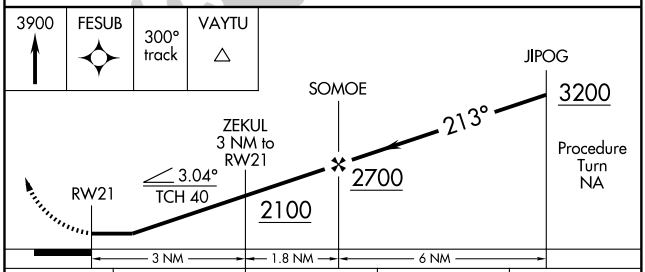
When local altimeter setting not received, use Mineral Wells altimeter setting and increase all MDAs 100 feet.
Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3900 direct FESUB and via 300° track to VAYTU and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	127.0 360.6	122.975 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1700-1	586 (600-1)	NA	
CIRCLING	1700-1	577 (600-1)	NA	

MIRL Rwy 3-21

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3603
144°	TDZE	778
	Apt Elev	778

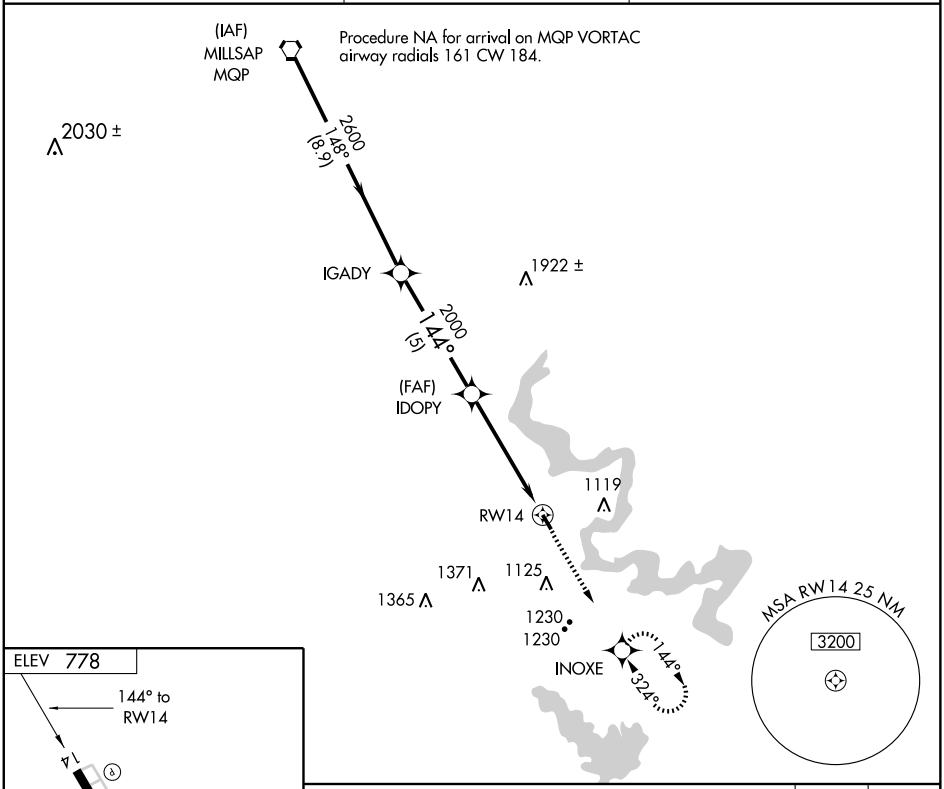
GPS RWY 14
GRANBURY RGNL (GDJ)

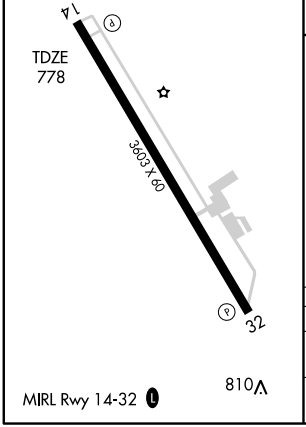
NA

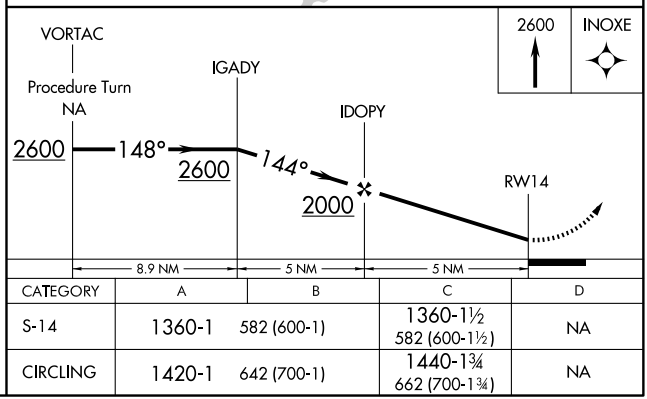
Use Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climb to 2600 direct INOXE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.925	127.15 314.0	123.0 (CTAF)







CATEGORY	A	B	C	D
S-14	1360-1	582 (600-1)	1360-1½ 582 (600-1½)	NA
CIRCLING	1420-1	642 (700-1)	1440-1¾ 662 (700-1¾)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

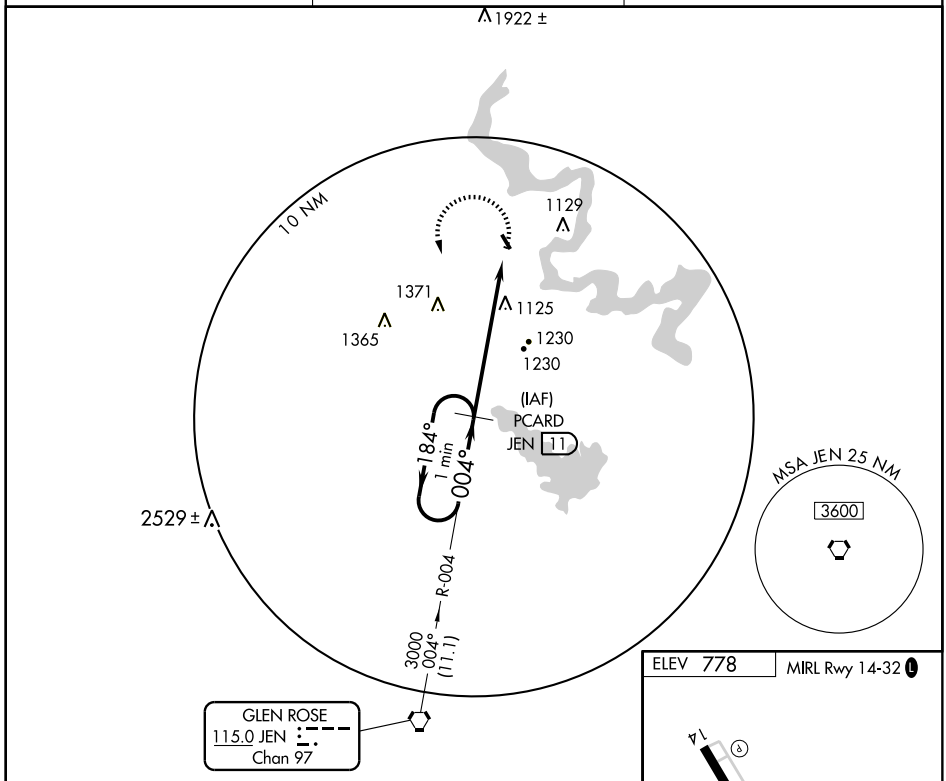
VORTAC JEN 115.0 Chan 97	APP CRS 004°	Rwy Idg N/A TDZE N/A Apt Elev 778

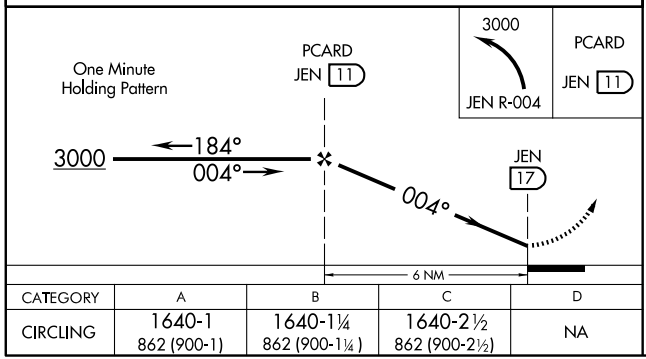
VOR/DME-A
GRANBURY RGNL (GDJ)

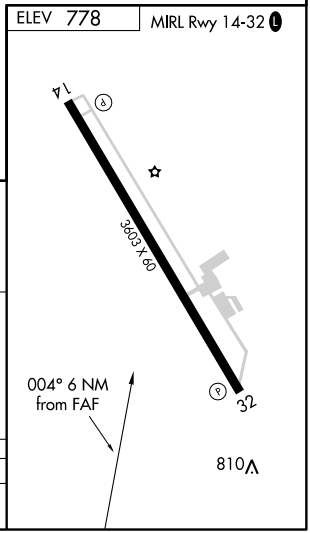
Use Fort Worth Meacham altimeter setting.
NA

MISSED APPROACH: Climbing left turn to 3000 via JEN R-004 to PCARD and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.925	127.15 314.0	123.0 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1640-1 862 (900-1)	1640-1¼ 862 (900-1¼)	1640-2½ 862 (900-2½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC MQP 117.7 Chan 124	APP CRS 142°	Rwy Idg 3603 TDZE 778 Apt Elev 778

VOR/DME RWY 14

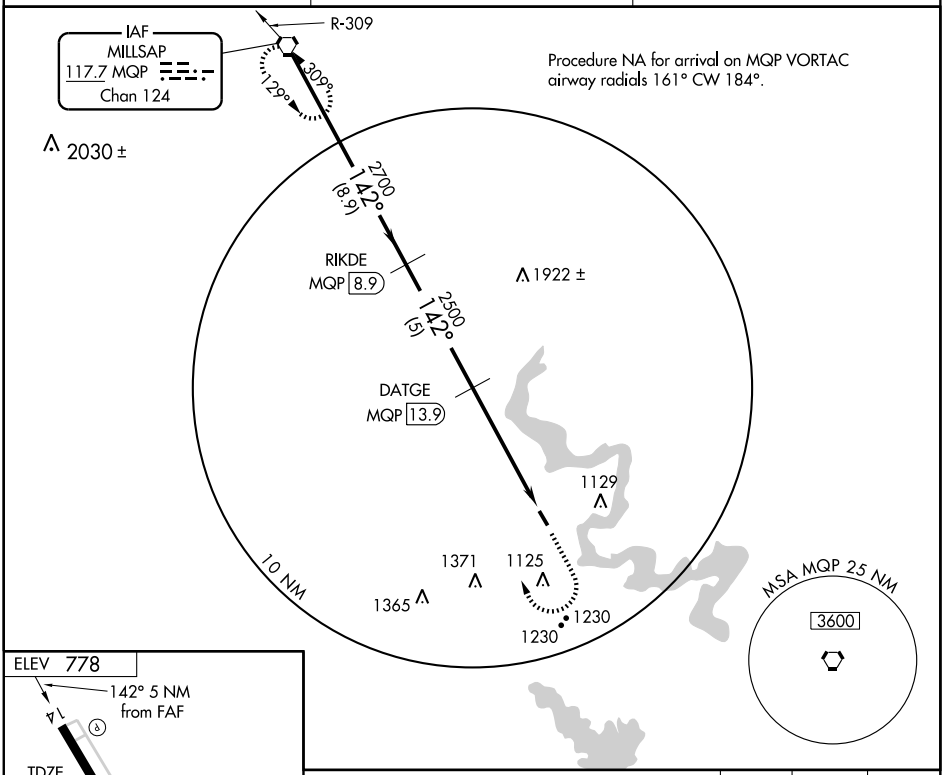
GRANBURY RGNL (GDJ)

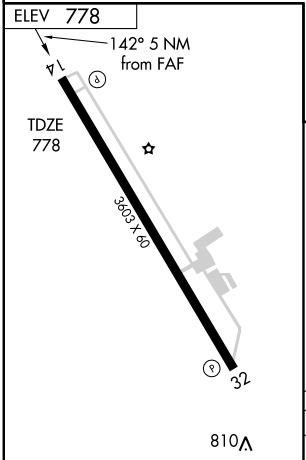
Use Fort Worth Meacham Intl altimeter setting.

NA

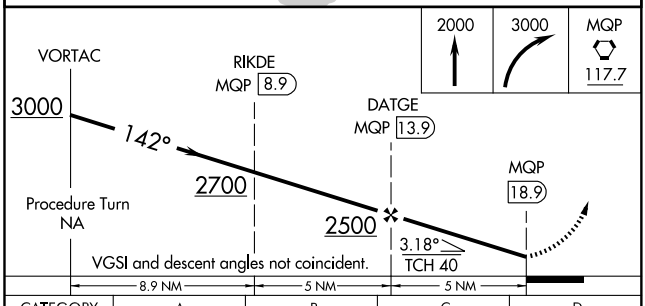
MISSED APPROACH: Climb to 2000, then climbing right turn to 3000 direct MQP VORTAC and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.925	127.15 314.0	123.0 (CTAF) L





MIRL Rwy 14-32 L



CATEGORY	A	B	C	D
S-14	1400-1	622 (700-1)	1400-1¾ 622 (700-1¾)	NA
CIRCLING	1420-1 642 (700-1)	1440-1 662 (700-1)	1440-1¾ 662 (700-1¾)	NA

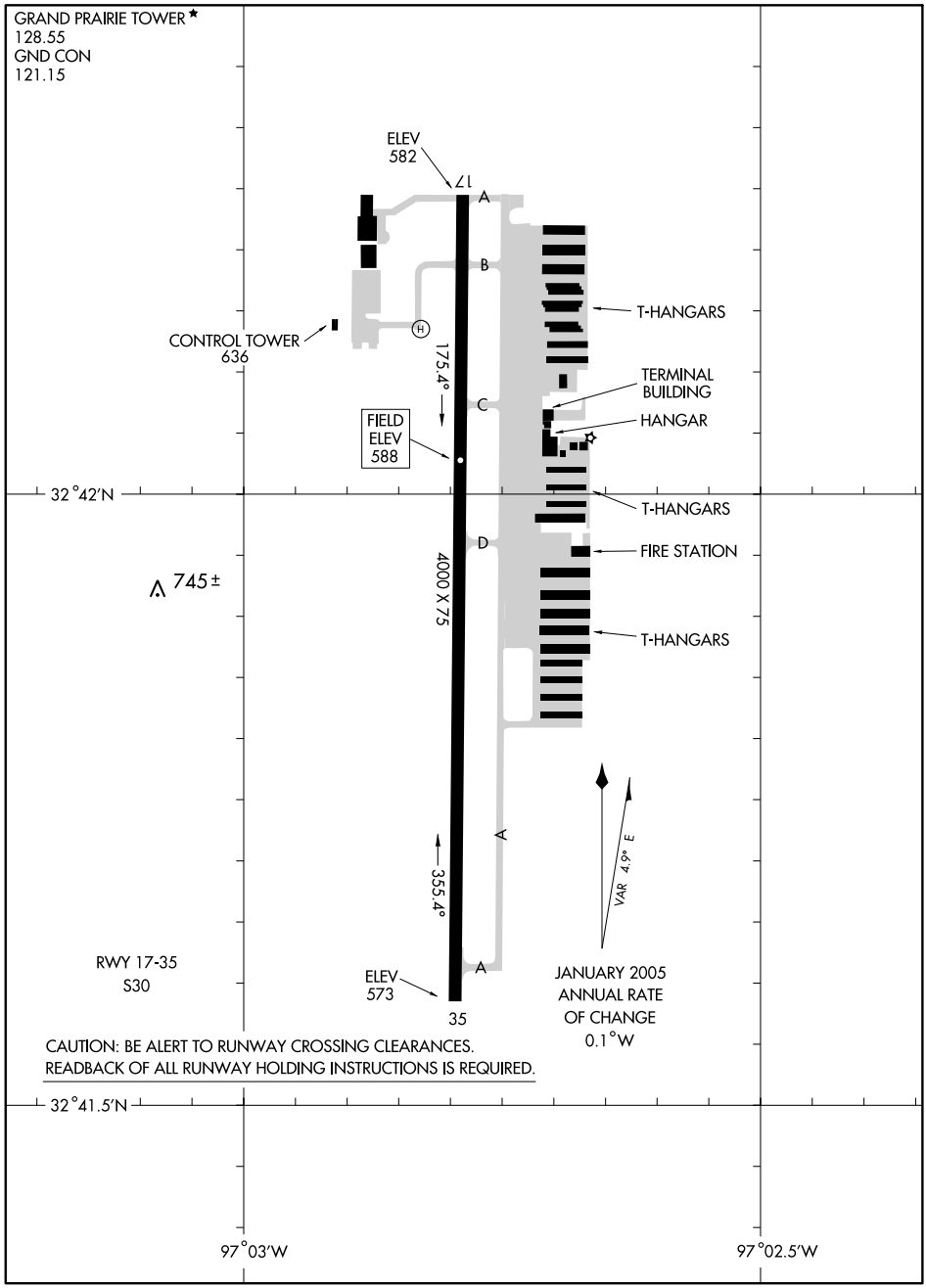
SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

GRAND PRAIRIE / GRAND PRAIRIE MUNI (GPM)

AL-9209 (FAA)

GRAND PRAIRIE, TEXAS

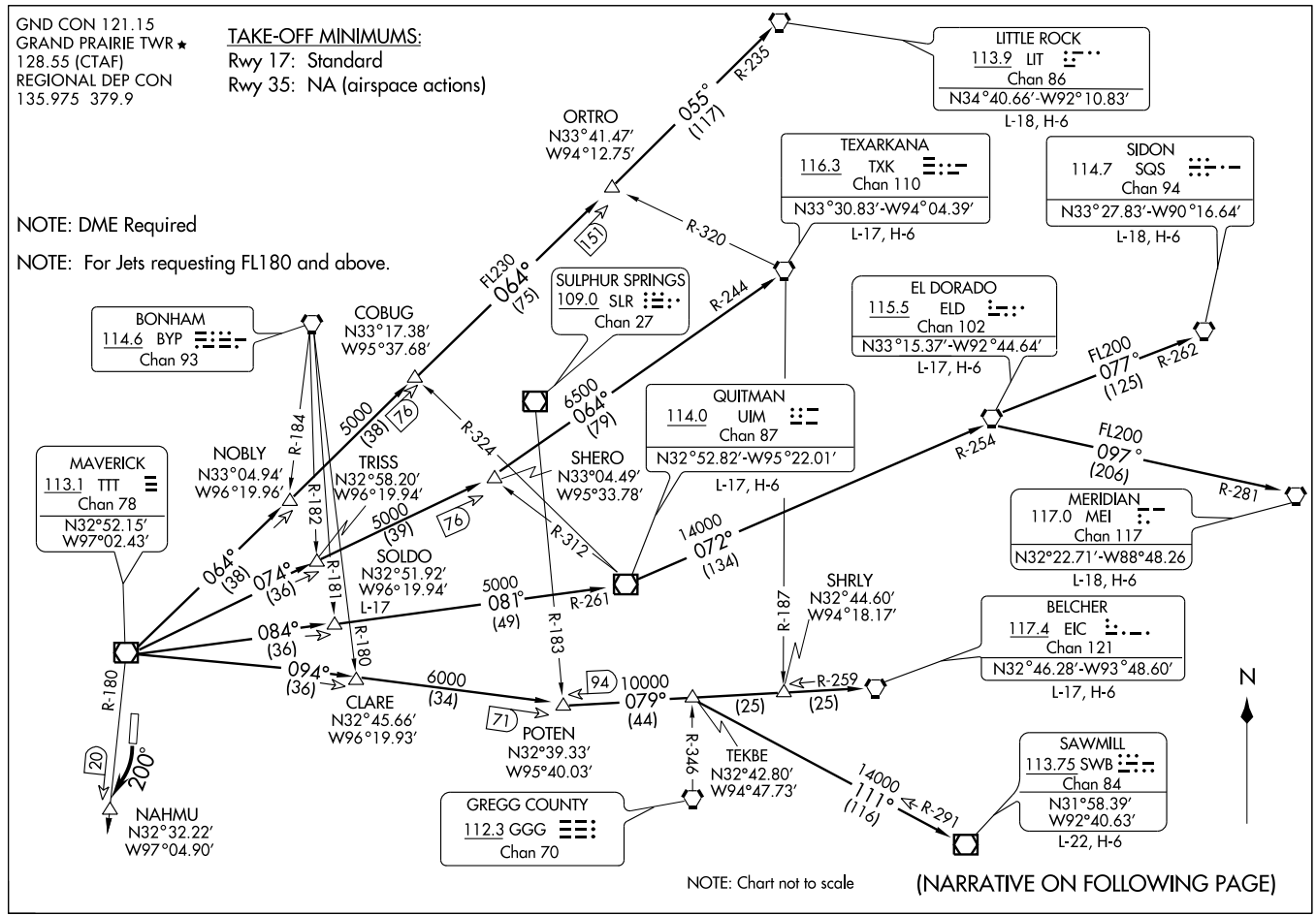


SC-2, 17 DEC 2009 to 14 JAN 2010

DALLAS NINE DEPARTURE

SL-9209 (FAA)

GRAND PRAIRIE MUNI (GPM)
GRAND PRAIRIE, TEXAS



DEPARTURE ROUTE DESCRIPTION

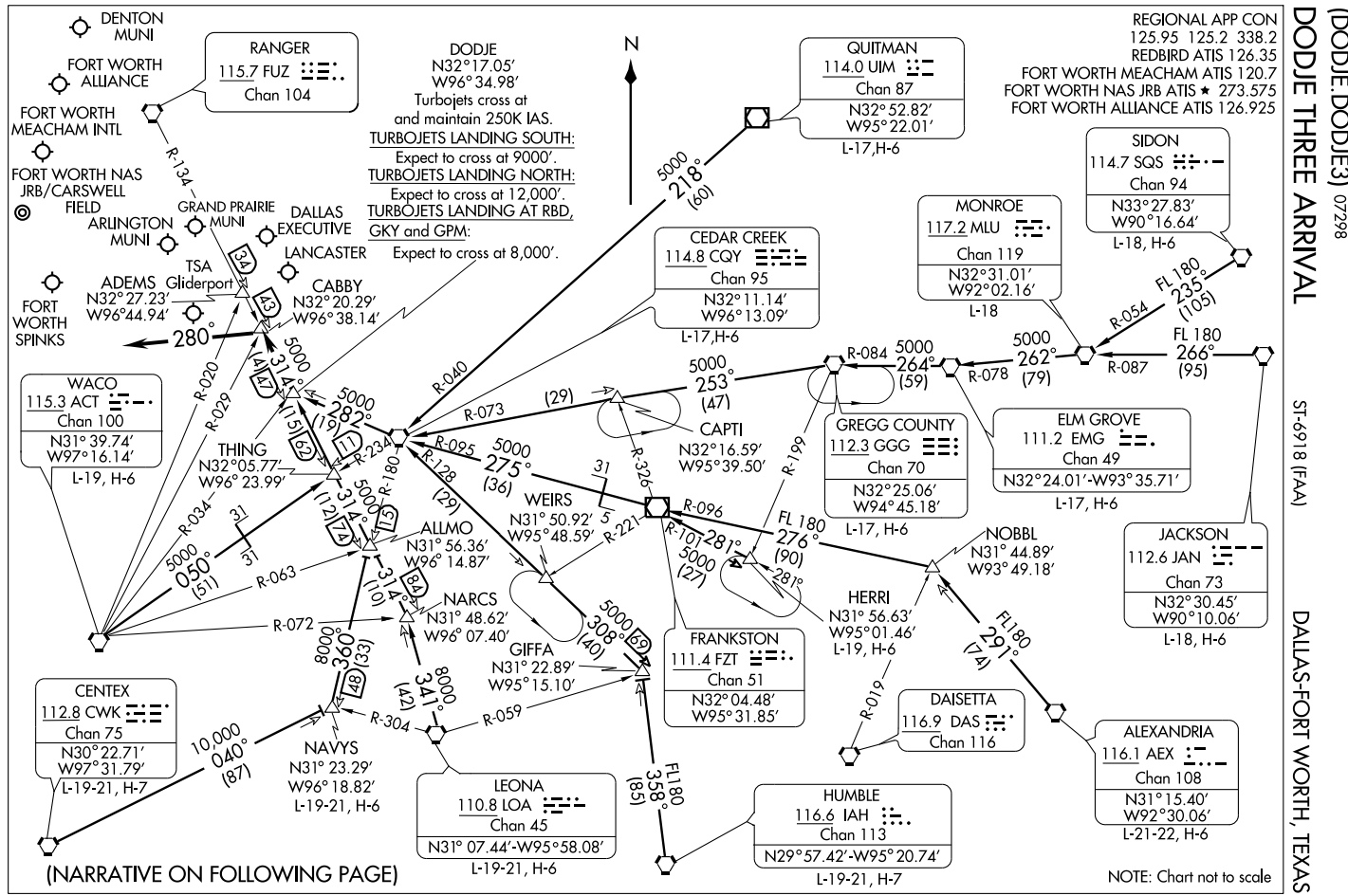
JETS

Jets requesting 17,000 and below expect GARLAND Departure.

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT VOR/DME R-180 to NAHMU/TTT VOR/DME 20 DME, expect radar vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 35: NA.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.
EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.
LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.
MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.
QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.
SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.
SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

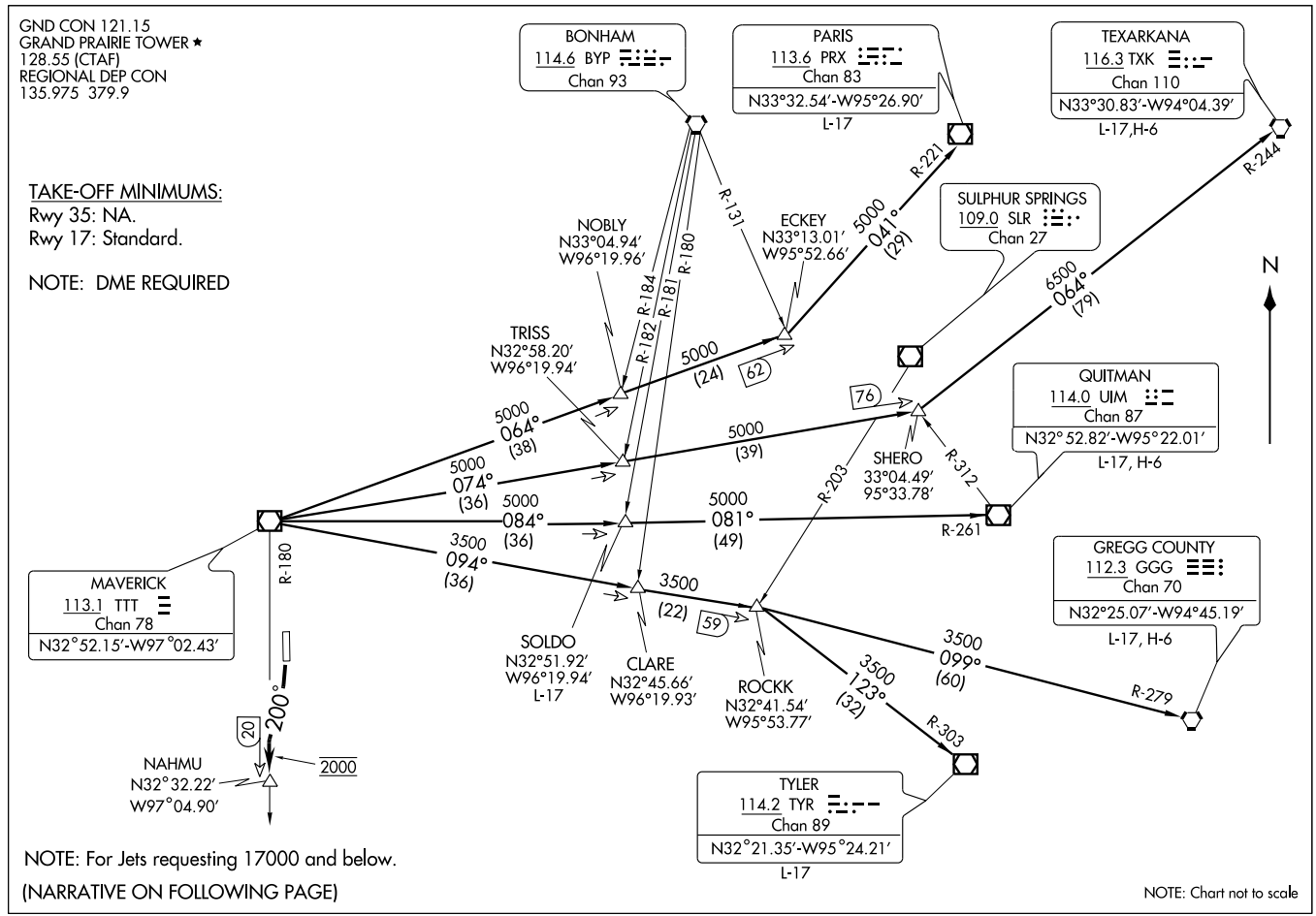
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 0935

GARLAND THREE DEPARTURE

SL-9209 (FAA)

GRAND PRAIRIE MUNI (GPM)

GRAND PRAIRIE, TEXAS

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT R-180 to NAHMU/TTT VOR/DME 20 DME, expect vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 35: Not authorized.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010

GND CON 121.15
GRAND PRAIRIE TOWER ★
128.55 (CTAF)
REGIONAL DEP CON
135.975 379.9

N

TAKE-OFF MINIMUMS:
Rwy 17: Standard.
Rwy 35: NA.

DEPARTURE PROCEDURE:
RW17: Climb to 2500 on the TTT R-180 southbound before proceeding on course.

BONHAM
114.6 BYP
Chan 93

PARIS
113.6 PRX
Chan 83
N33°32.54'-W95°26.90'
L-17

TEXARKANA
116.3 TXK
Chan 110
N33°30.83'-W94°04.39'
L-17, H-6

SULPHUR SPRINGS
109.0 SLR
Chan 27

QUITMAN
114.0 UIM
Chan 87
N32°52.83'-W95°22.01'
L-17, H-6

GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'-W94°45.19'
L-17, H-6

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

TYLER
114.2 TYR
Chan 89
N32°21.35'-W95°24.21'
L-17

NOBLY
N33°04.94'
W96°19.96'

ECKEY
N33°13.01'
W95°52.66'

TRISS
N32°58.20'
W96°19.94'

SHERO
33°04.49'
95°33.78'

SOLDO
N32°51.92'
W96°19.94'
L-17

CLARE
N32°45.66'
W96°19.93'

ROCKK
N32°41.54'
W95°53.77'

NAHMU
N32°32.22'
W97°04.90'

R-131 R-180 R-184 R-181 R-182 R-221 R-244 R-203 R-312 R-261 R-279 R-303

5000 041° (29)
6500 064° (79)
5000 (24) 62
5000 064° (38)
5000 (39)
76
5000 074° (36)
5000 084° (36)
5000 081° (49)
3500 094° (36)
3500 (22) 59
3500 099° (60)
3500 123° (32)
R-180
20 200°

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT R-180 to NAHMU/TTT 20 DME, expect radar vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

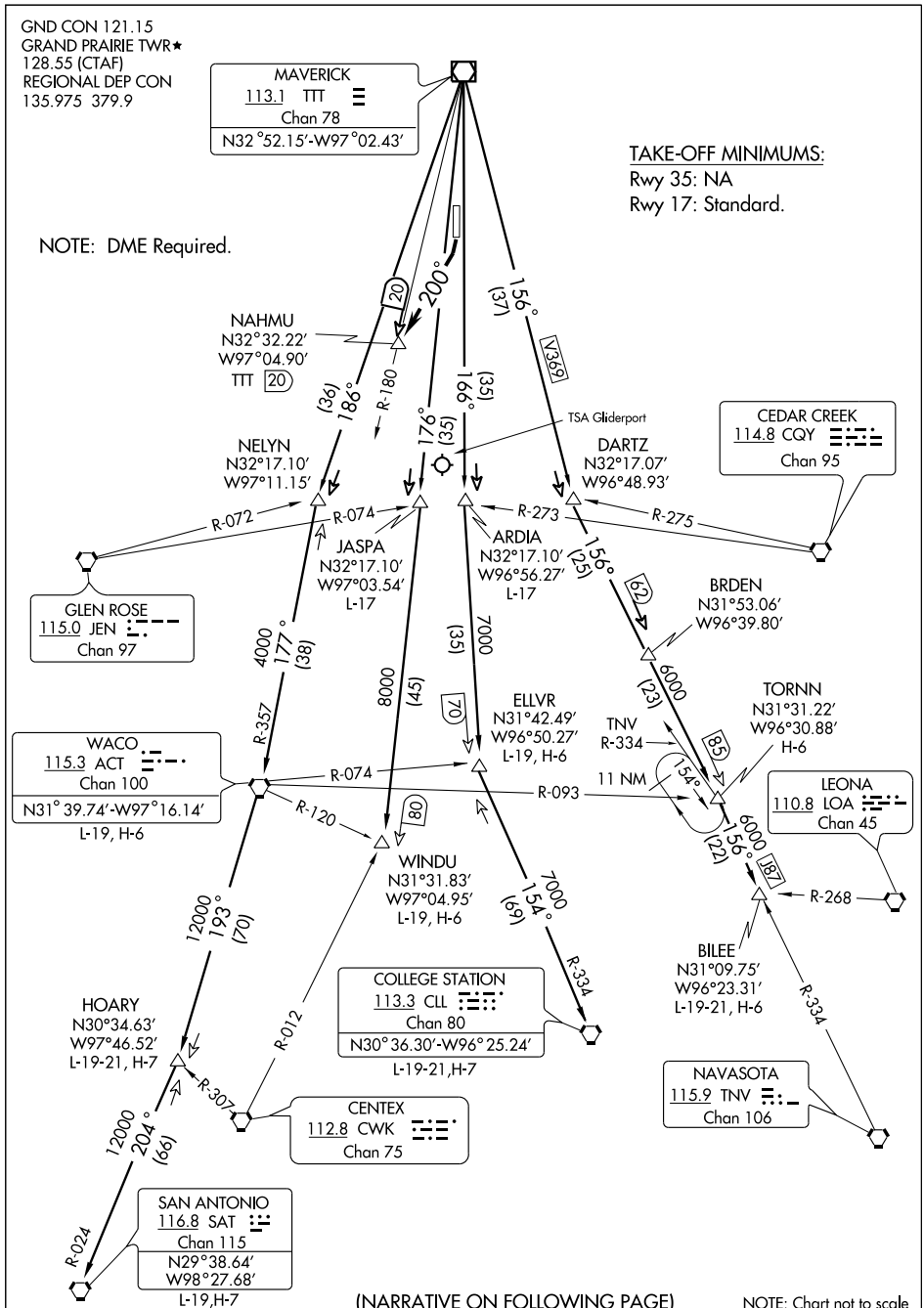
TAKE-OFF OBSTACLES:
Rwy 17:
Antenna 190' from departure end of runway, 456' right of centerline, 26' AGL/615' MSL.
Road, multiple poles and signs beginning 570 from departure end of runway, 410' right of centerline, up to 31' AGL/ 620' MSL.
Tree 1,506' from departure end of runway, 517' right of centerline, 37' AGL/617' MSL.

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-9209 (FAA)

GRAND PRAIRIE MUNI (GPM)
GRAND PRAIRIE, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT VOR/DME R-180 to NAHMU/TTT VOR/DME 20 DME, expect radar vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.

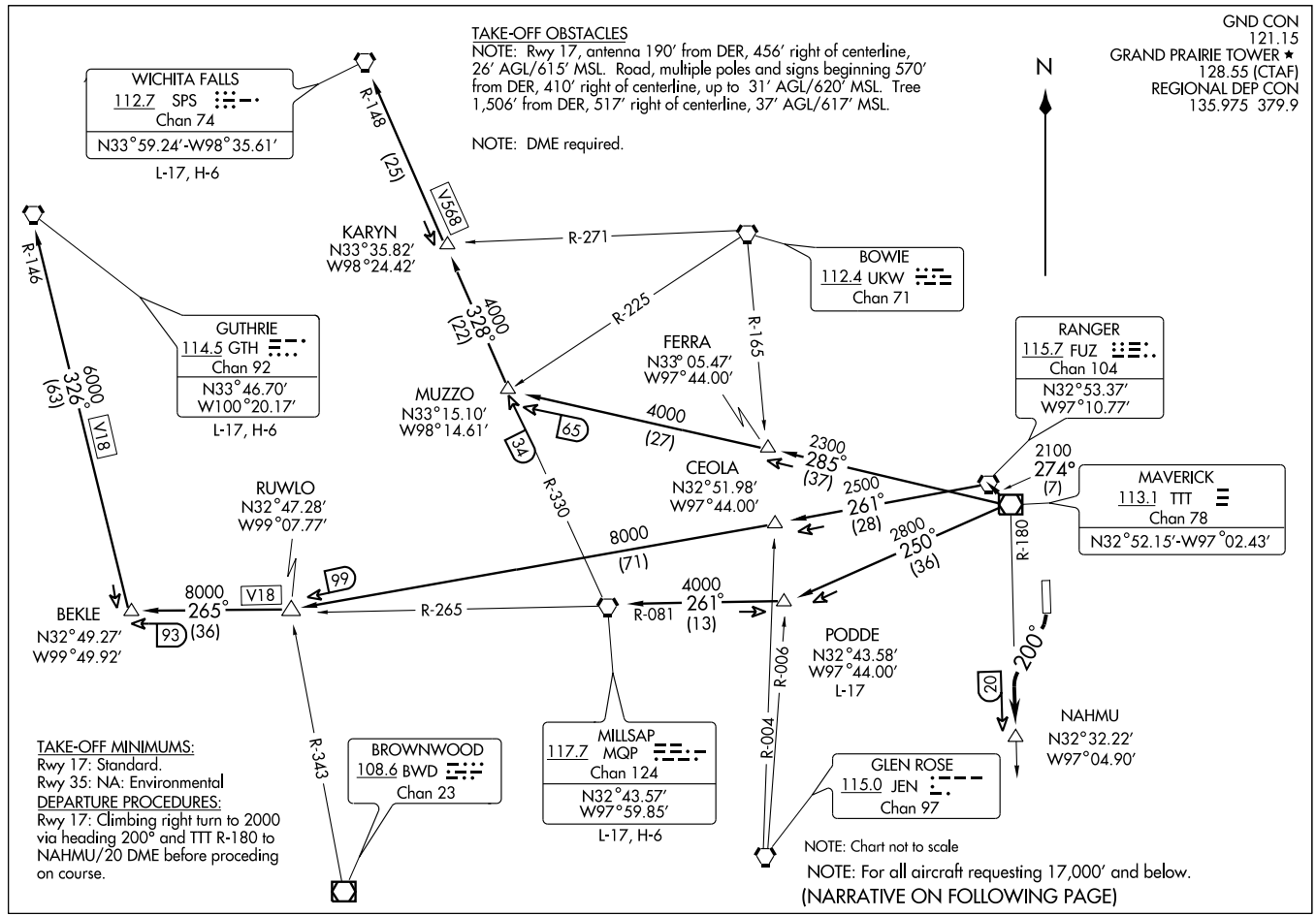
TAKE-OFF RUNWAY 35: NA.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.
BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.
BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.
COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.
ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.
HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.
JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.
SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.
TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.
WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.
WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-9209 (FAA)

GRAND PRAIRIE MUNI (GPM)
GRAND PRAIRIE, TEXAS

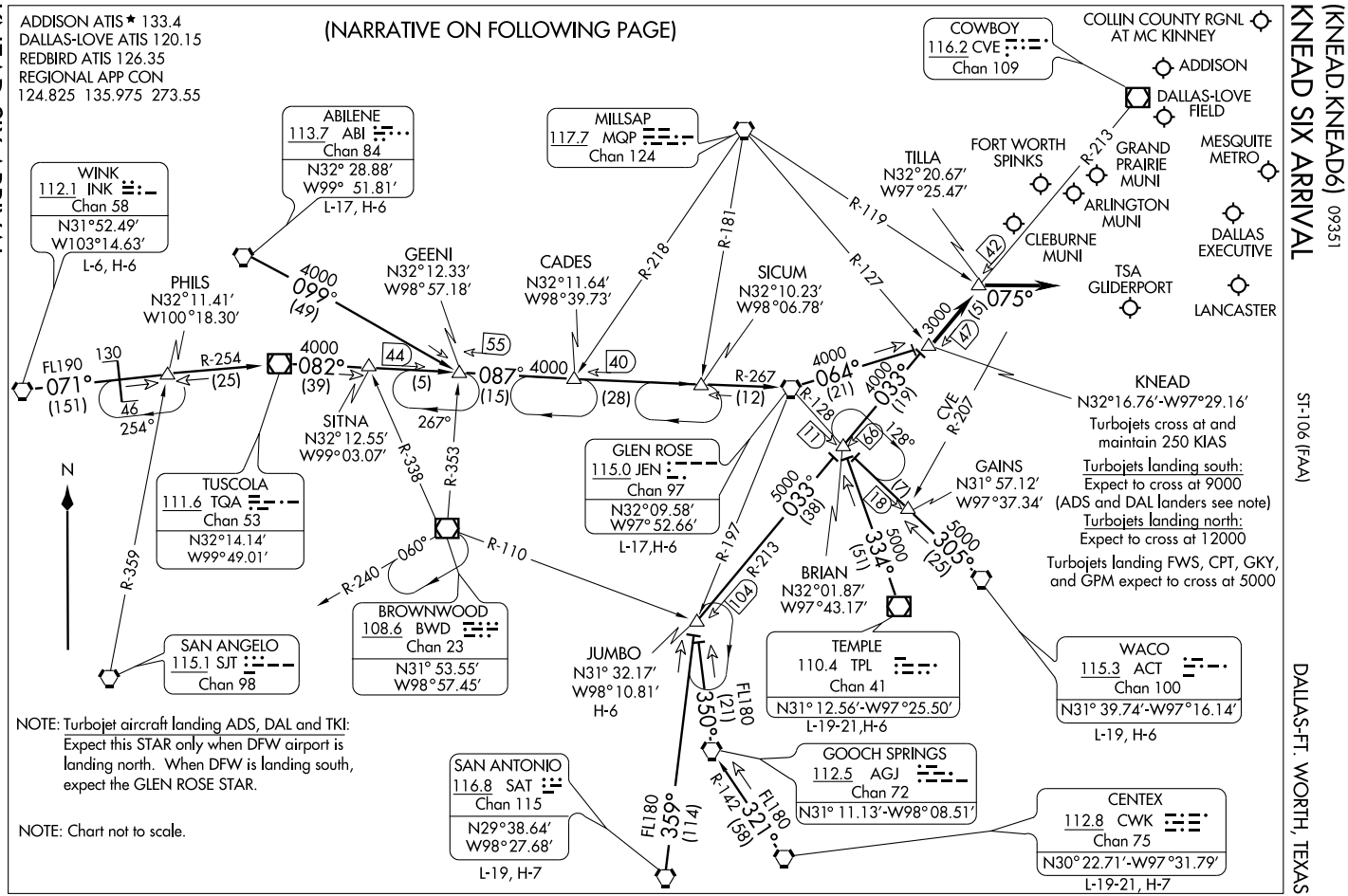


DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT R-180 to NAHMU/TTT 20 DME, expect radar vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 35: Not authorized.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-16 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

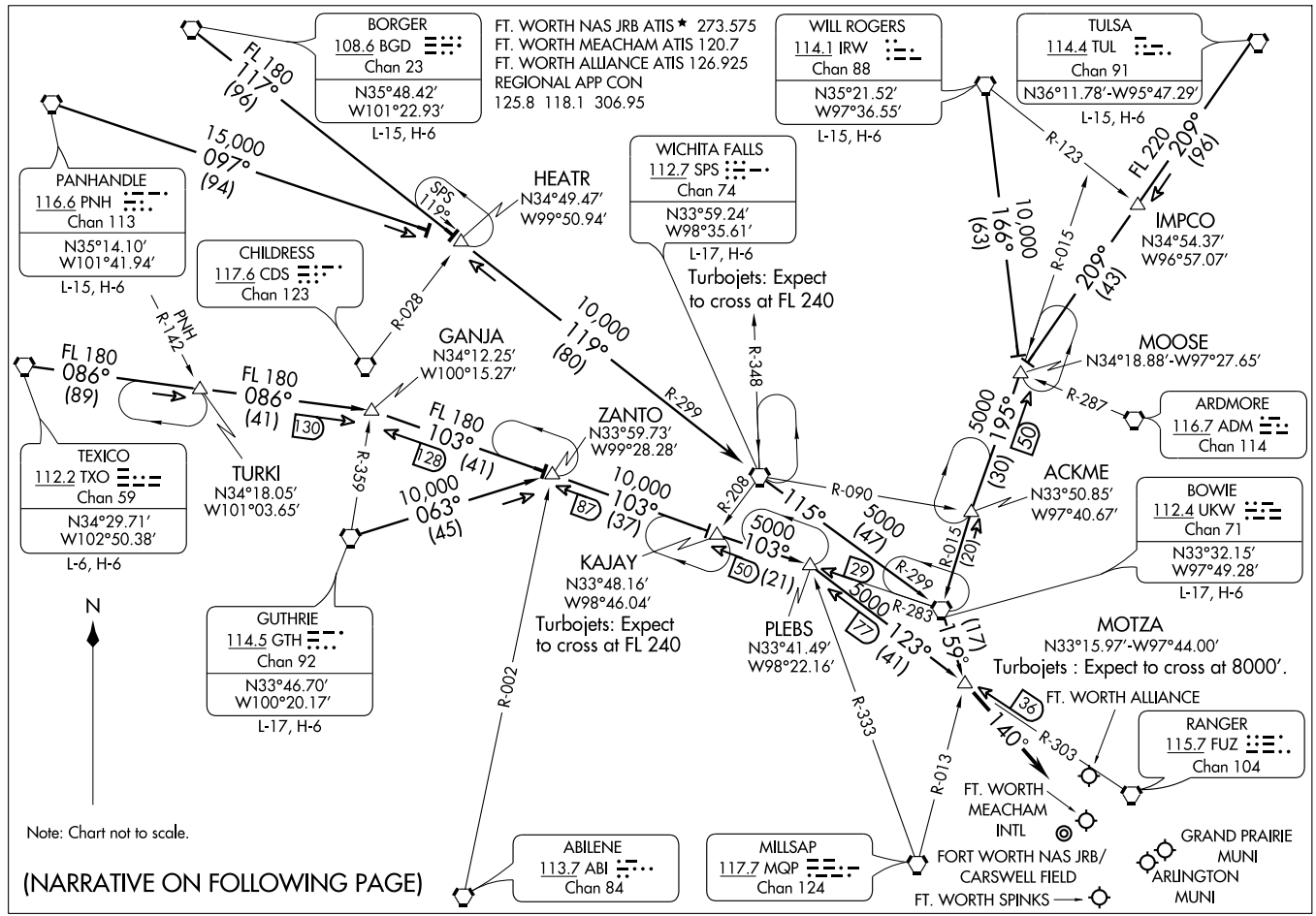
TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010


MOTZA SIX ARRIVAL
(MOTZA.MOTZA6) 07298
ST-6918 (FAA)
DALLAS-FT. WORTH, TEXAS
FT. WORTH NAS JRB ATIS ★ 273.575
FT. WORTH MEACHAM ATIS 120.7
FT. WORTH ALLIANCE ATIS 126.925
REGIONAL APP CON
125.8 118.1 306.95
BORGER
108.6 BGD
Chan 23
N35°48.42′
W101°22.93′
L-15, H-6
WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′-W95°47.29′
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10′
W101°41.94′
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′
W98°35.61′
L-17, H-6
HEATR
N34°49.47′
W99°50.94′
IMPCO
N34°54.37′
W96°57.07′
GANJA
N34°12.25′
W100°15.27′
MOOSE
N34°18.88′-W97°27.65′
ARDMORE
116.7 ADM
Chan 114
TEXICO
112.2 TXO
Chan 59
N34°29.71′
W102°50.38′
L-6, H-6
TURKI
N34°18.05′
W101°03.65′
ZANTO
N33°59.73′
W99°28.28′
ACKME
N33°50.85′
W97°40.67′
BOWIE
112.4 UKW
Chan 71
N33°32.15′
W97°49.28′
L-17, H-6
KAJAY
N33°48.16′
W98°46.04′
PLEBS
N33°41.49′
W98°22.16′
MOTZA
N33°15.97′-W97°44.00′
GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6
RANGER
115.7 FUZ
Chan 104
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
FORT WORTH NAS JRB/
CARSWELL FIELD
FT. WORTH SPINKS
FT. WORTH
MEACHAM
INTL
GRAND PRAIRIE
MUNI
ARLINGTON
MUNI
FT. WORTH ALLIANCE
Turbojets: Expect
to cross at FL 240
Turbojets: Expect
to cross at FL 240
Turbojets : Expect to cross at 8000′.
FL 180
117°
(96)
15,000
097°
(94)
SPS
119°
10,000
119°
(80)
FL 180
086°
(89)
FL 180
086°
(41)
FL 180
103°
(41)
10,000
063°
(45)
10,000
103°
(37)
5000
103°
(21)
5000
115°
(47)
5000
123°
(41)
5000
159°
(17)
5000
195°
(30)
10,000
166°
(63)
FL 220
209°
(96)
209°
(43)
140°
R-123
R-015
R-348
R-299
R-028
R-142
PNH
R-359
R-208
R-090
R-287
R-283
R-333
R-002
R-013
R-303
130
128
87
50
29
27
36
(20)
N
Note: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

MOTZA SIX ARRIVAL

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.MOTZA6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

BOWIE TRANSITION (UKW.MOTZA6): From over UKW VORTAC via UKW R-159 to MOTZA INT. Thence . . . .

GUTHRIE TRANSITION (GTH.MOTZA6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

PANHANDLE TRANSITION (PNH.MOTZA6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

TEXICO TRANSITION (TXO.MOTZA6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to PLEBS INT, then via FUZ R-303 to MOTZA INT. Thence . . . .

TULSA TRANSITION (TUL.MOTZA6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.MOTZA6): From over SPS VORTAC via SPS R-115 and UKW R-299 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

WILL ROGERS TRANSITION (IRW.MOTZA6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to UKW VORTAC, then via UKW R-159 to MOTZA INT. Thence . . . .

. . . . From over MOTZA INT, thence via heading 140° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4000
355°	TDZE	589
	Apt Elev	589

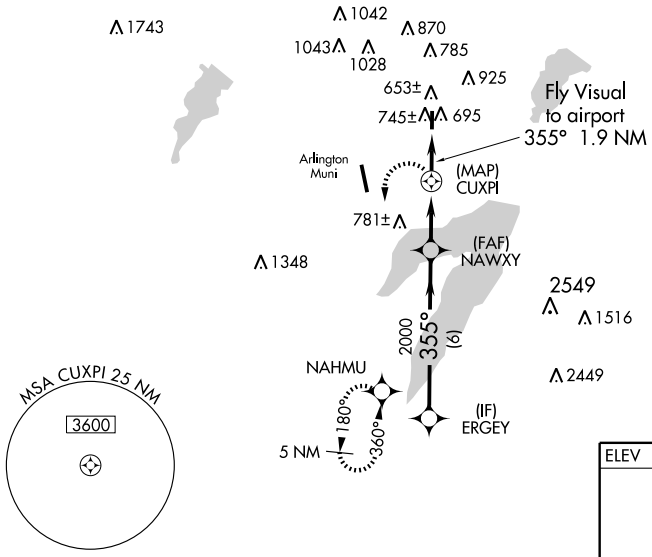
RNAV (GPS) RWY 35
GRAND PRAIRIE MUNI (GPM)

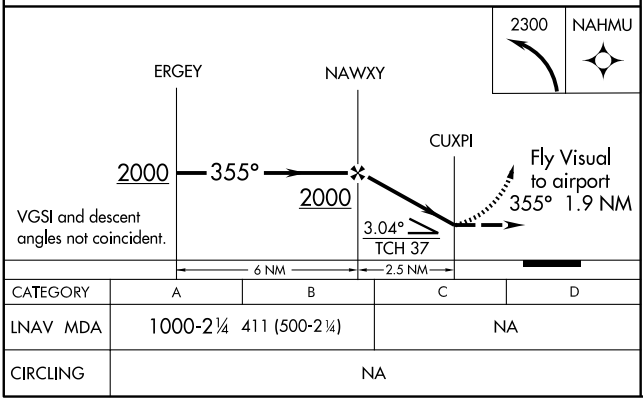
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Arlington Muni altimeter setting.

MISSED APPROACH: Climbing left turn to 2300 direct NAHMU and hold.

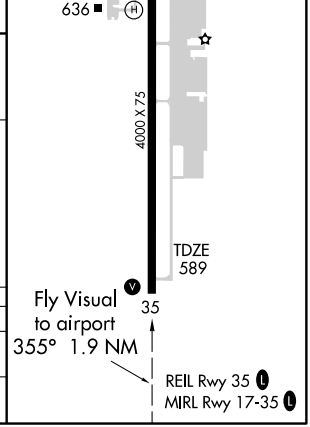
AWOS-3	REGIONAL APP CON	GRAND PRAIRIE TOWER★	GND CON	UNICOM
118.475	135.975 379.9	128.55 (CTAF) L	121.15	122.8

RADAR REQUIRED

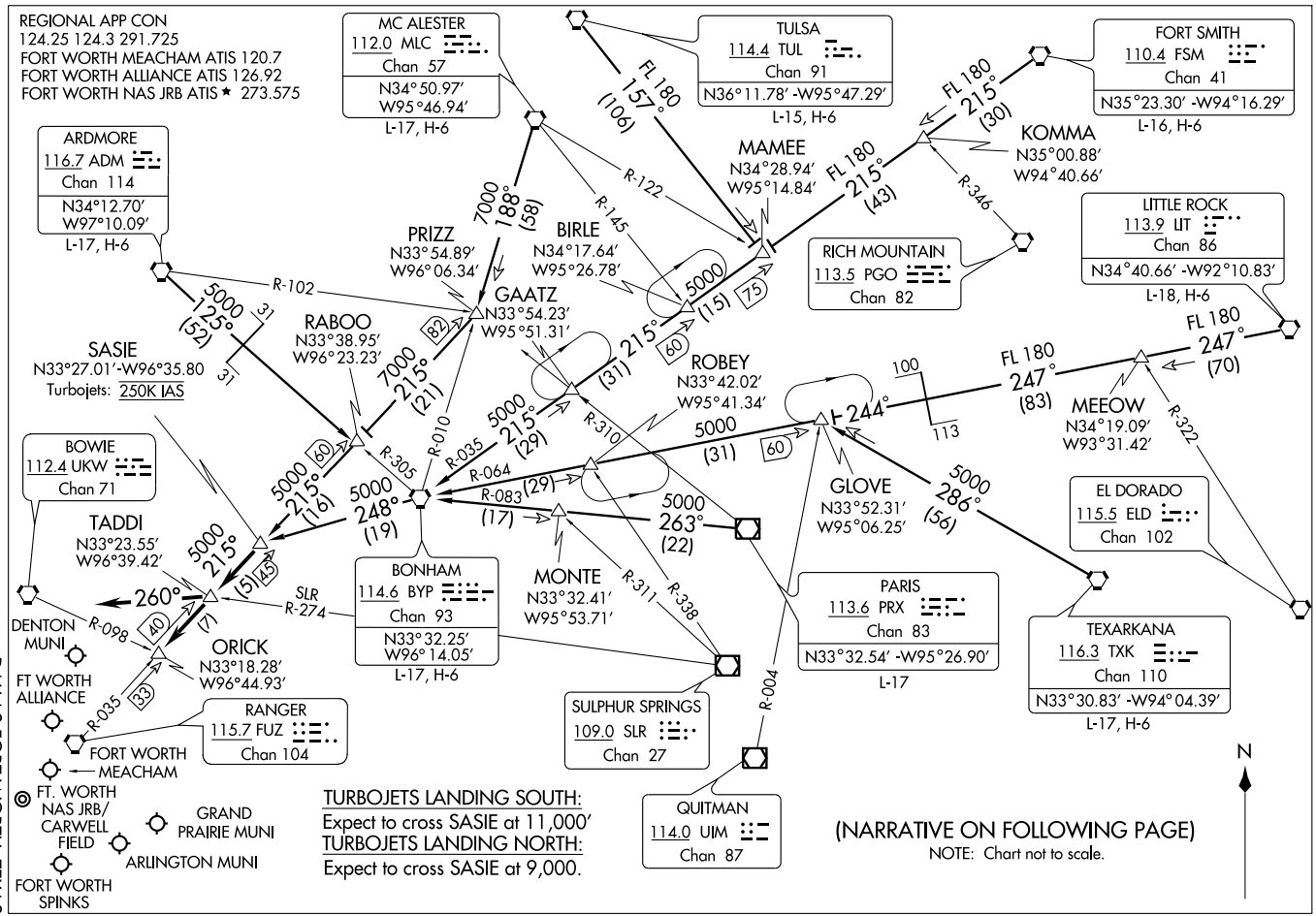




CATEGORY	A	B	C	D
LNAV MDA	1000-2¼ 411 (500-2¼)		NA	
CIRCLING	NA			



SC-2, 17 DEC 2009 to 14 JAN 2010


REGIONAL APP CON
124.25 124.3 291.725
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH ALLIANCE ATIS 126.92
FORT WORTH NAS JRB ATIS ★ 273.575
MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36°11.78′ -W95°47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35°23.30′ -W94°16.29′
L-16, H-6
ARDMORE
116.7 ADM
Chan 114
N34°12.70′
W97°10.09′
L-17, H-6
MAMEE
N34°28.94′
W95°14.84′
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34°40.66′ -W92°10.83′
L-18, H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
PRIZZ
N33°54.89′
W96°06.34′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
RABOO
N33°38.95′
W96°23.23′
SASIE
N33°27.01′-W96°35.80
Turbojets: 250K IAS
ROBEY
N33°42.02′
W95°41.34′
MEEOW
N34°19.09′
W93°31.42′
BOWIE
112.4 UKW
Chan 71
TADDI
N33°23.55′
W96°39.42′
GLOVE
N33°52.31′
W95°06.25′
EL DORADO
115.5 ELD
Chan 102
BONHAM
114.6 BYP
Chan 93
N33°32.25′
W96° 14.05′
L-17, H-6
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33°32.54′ -W95°26.90′
L-17
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′ -W94° 04.39′
L-17, H-6
DENTON MUNI
FT WORTH ALLIANCE
ORICK
N33°18.28′
W96°44.93′
RANGER
115.7 FUZ
Chan 104
FORT WORTH MEACHAM
FT. WORTH NAS JRB/ CARWELL FIELD
GRAND PRAIRIE MUNI
ARLINGTON MUNI
FORT WORTH SPINKS
SULPHUR SPRINGS
109.0 SLR
Chan 27
QUITMAN
114.0 UIM
Chan 87
TURBOJETS LANDING SOUTH:
Expect to cross SASIE at 11,000′
TURBOJETS LANDING NORTH:
Expect to cross SASIE at 9,000.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
7000 188° (58)
5000 125° (32)
7000 215° (21)
5000 215° (29)
5000 (31)
FL 180 247° (70)
FL 180 247° (83)
5000 215° (16)
5000 248° (19)
5000 215°
5000 263° (22)
5000 286° (56)
260°
R-122
R-145
R-102
R-346
R-010
R-035
R-305
R-064
R-083
R-310
R-322
R-311
R-338
R-004
R-098
R-274
R-035
SLR
(SASIE.SASIE2) 09351
SASIE TWO ARRIVAL
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS

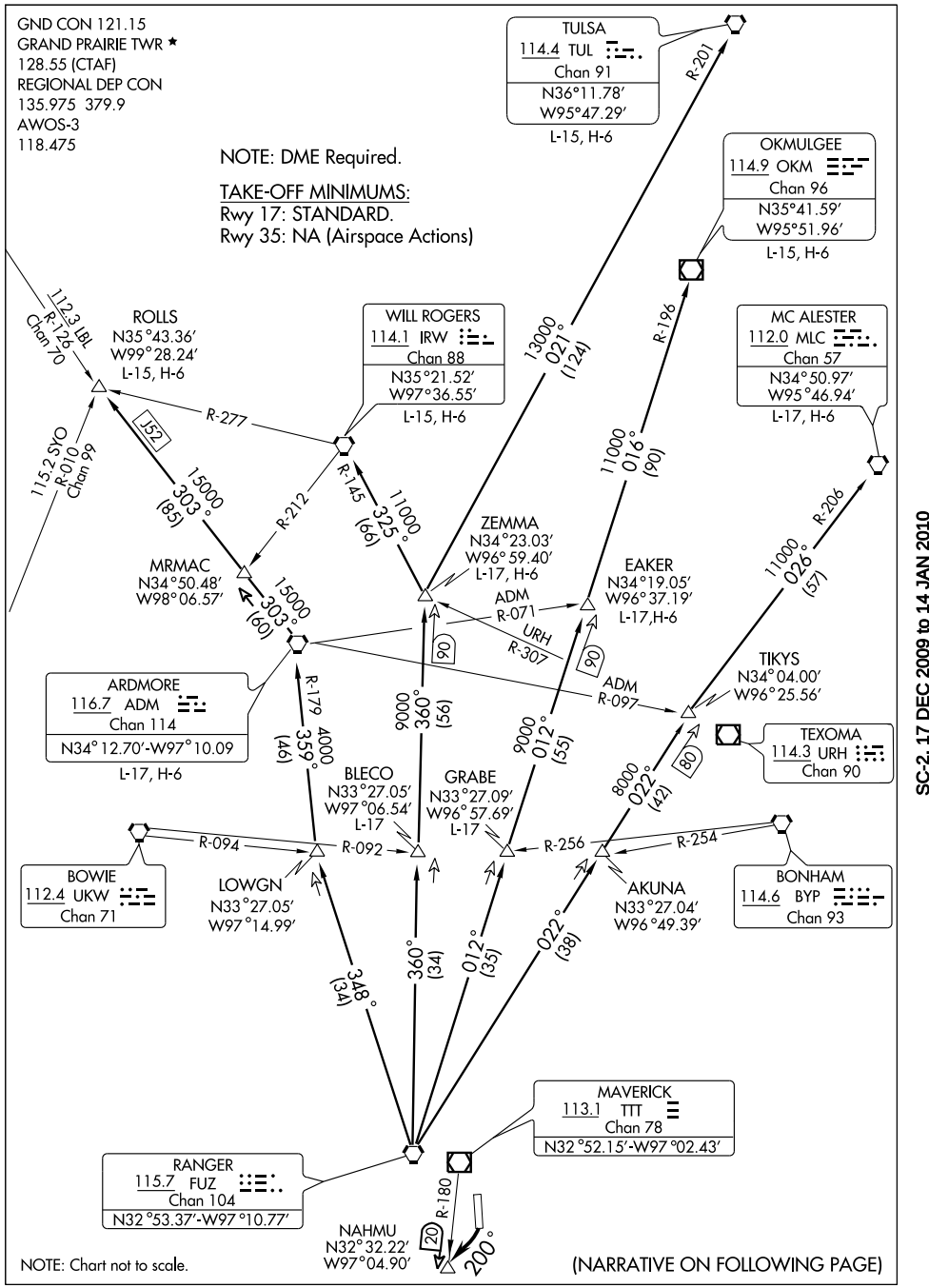
ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.SASIE2): From over ADM VORTAC via ADM R-125 and BYP R-305 to RABOO INT, then via FUZ R-035 to SASIE INT. Thence. . . .
BONHAM TRANSITION (BYP.SASIE2): From over BYP VORTAC via BYP R-248 to SASIE INT. Thence. . . .
FORT SMITH TRANSITION (FSM.SASIE2): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
LITTLE ROCK TRANSITION (LIT.SASIE2): From over LIT VORTAC via LIT R-247 and BYP R-064 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
MC ALESTER TRANSITION (MLC.SASIE2): From over MLC VORTAC via MLC R-188 to PRIZZ INT, then via FUZ R-035 to SASIE INT. Thence. . . .
PARIS TRANSITION (PRX.SASIE2): From over PRX VOR/DME via PRX R-263 and BYP R-083 to BYP VORTAC, then via BYP VORTAC R-248 to SASIE INT. Thence. . . .
TEXARKANA TRANSITION (TXK.SASIE2): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to BYP VORTAC, then via BYP R-248 to SASIE INT. Thence. . . .
TULSA TRANSITION (TUL.SASIE2): From over TUL VORTAC via TUL R-157 to MAMEE INT, then via BYP R-035 to BYP VORTAC, the via BYP R-248 to SASIE INT. Thence. . . .
. . . . From over SASIE INT via FUZ R-035 to TADDI INT or ORICK INT (when directed by ATC). Depart TADDI INT heading 260° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-9209 (FAA)



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT R-180 to NAHMU/TTT VOR/DME 20 DME, expect radar vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.
TAKE-OFF RUNWAY 35: NA

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME TTT	APP CRS	Rwy Idg	4000
113.1	356°	TDZE	589
Chan 78		Apt Elev	589

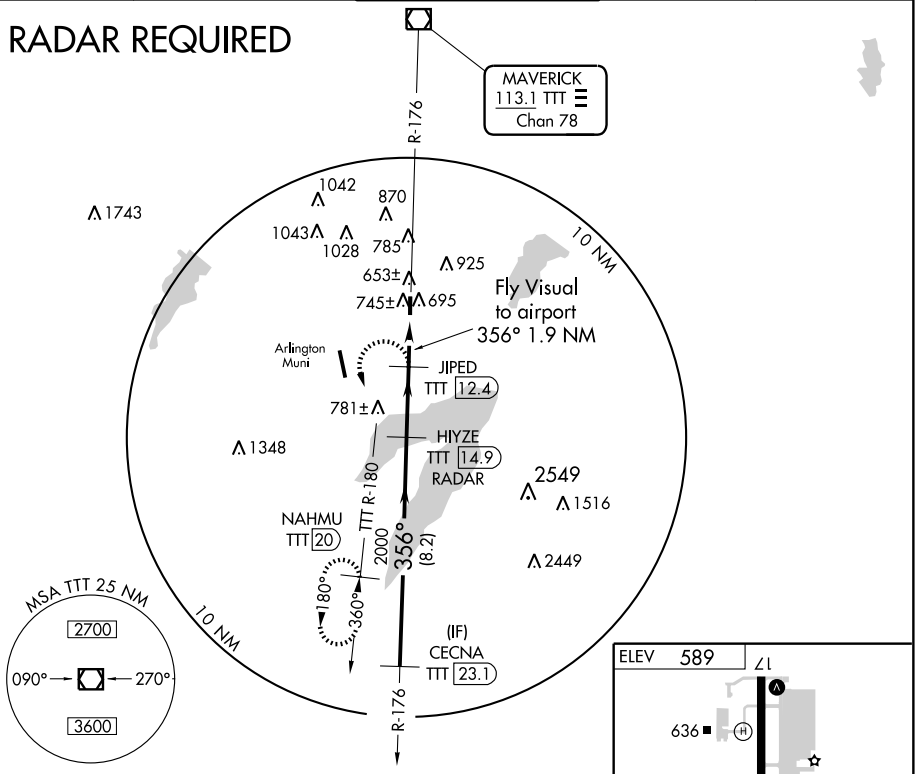
VOR/DME RWY 35
GRAND PRAIRIE MUNI (GPM)

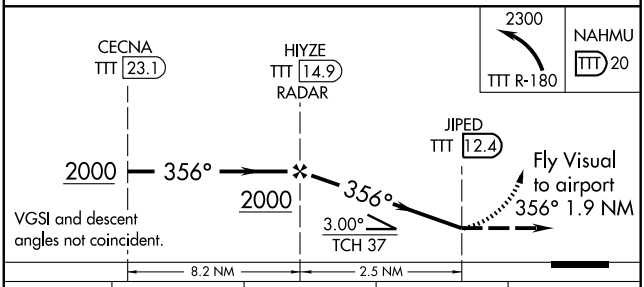
If local altimeter setting not received, use Arlington Muni altimeter setting.

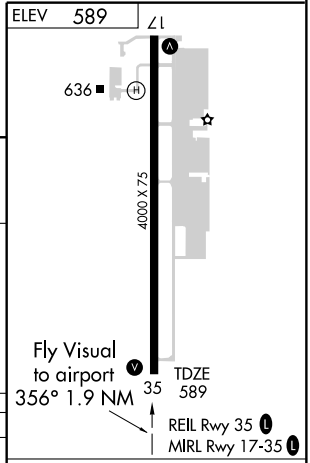
MISSED APPROACH: Climbing left turn to 2300 via TTT R-180 to NAHMU/20 DME and hold.

AWOS-3	REGIONAL APP CON	GRAND PRAIRIE TOWER★	GND CON	UNICOM
118.475	135.975 379.9	128.55 (CTAF) L	121.15	122.8

RADAR REQUIRED



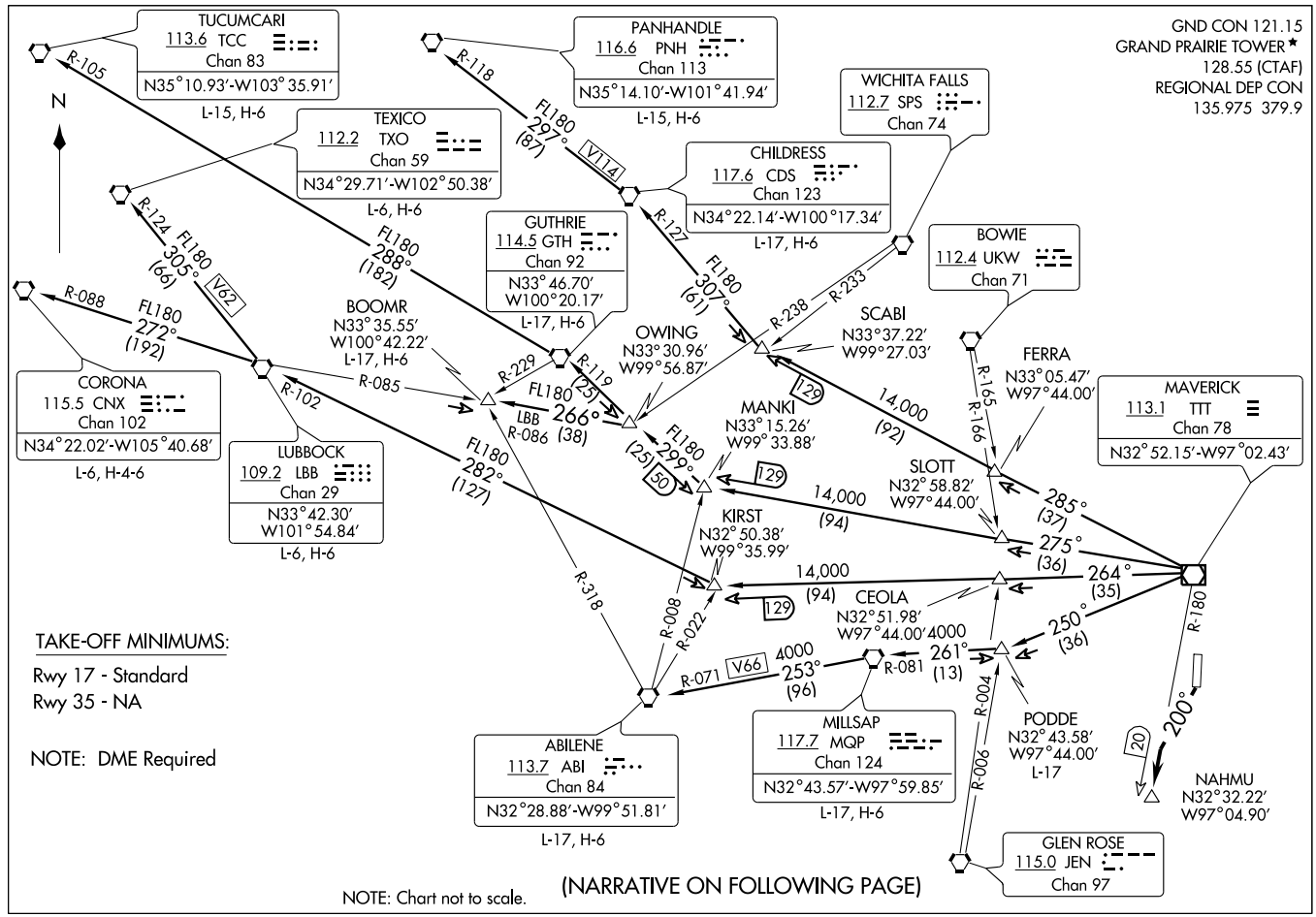




CATEGORY	A	B	C	D
S-35	1040-2¼ 451 (500-2¼)		NA	
CIRCLING	NA			

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010


WORTH FIVE DEPARTURE
GRAND PRAIRIE MUNI (GPM)
GRAND PRAIRIE, TEXAS
SI-9209 (FAA)
(WORTH5.111) 08269
GND CON 121.15
GRAND PRAIRIE TOWER ★
128.55 (CTAF)
REGIONAL DEP CON
135.975 379.9
N
TUCUMCARI
113.6 TCC
Chan 83
N35°10.93'-W103°35.91'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10'-W101°41.94'
L-15, H-6
WICHITA FALLS
112.7 SPS
Chan 74
TEXICO
112.2 TXO
Chan 59
N34°29.71'-W102°50.38'
L-6, H-6
CHILDRESS
117.6 CDS
Chan 123
N34°22.14'-W100°17.34'
L-17, H-6
GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6
BOWIE
112.4 UKW
Chan 71
BOOMR
N33°35.55'
W100°42.22'
L-17, H-6
OWING
N33°30.96'
W99°56.87'
SCABI
N33°37.22'
W99°27.03'
FERRA
N33°05.47'
W97°44.00'
CORONA
115.5 CNX
Chan 102
N34°22.02'-W105°40.68'
L-6, H-4-6
LUBBOCK
109.2 LBB
Chan 29
N33°42.30'
W101°54.84'
L-6, H-6
MANKI
N33°15.26'
W99°33.88'
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
SLOTT
N32°58.82'
W97°44.00'
KIRST
N32°50.38'
W99°35.99'
CEOLA
N32°51.98'
W97°44.00'
ABILENE
113.7 ABI
Chan 84
N32°28.88'-W99°51.81'
L-17, H-6
MILLSAP
117.7 MQP
Chan 124
N32°43.57'-W97°59.85'
L-17, H-6
PODDE
N32°43.58'
W97°44.00'
L-17
NAHMU
N32°32.22'
W97°04.90'
GLEN ROSE
115.0 JEN
Chan 97
R-105
R-118
FL180 297° (87)
V114
R-124
FL180 305° (66)
V62
FL180 288° (182)
R-127
FL180 307° (61)
R-088
FL180 272° (192)
R-102
R-085
R-229
R-119
FL180 (25) 266° LBB R-086 (38)
R-238
R-233
R-165
R-166
129
14,000 (92)
FL180 (25) 299°
50
129
14,000 (94)
285° (37)
275° (36)
264° (35)
250° (36)
R-180
200°
20
FL180 282° (127)
R-318
14,000 (94)
129
R-008
R-022
4000
253° (96)
V66
R-071
R-081
261° (13)
4000
R-004
R-006
TAKE-OFF MINIMUMS:
Rwy 17 - Standard
Rwy 35 - NA
NOTE: DME Required
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 17: Climbing right turn via heading 200° and TTT VOR/DME R-180 to NAHMU/TTT 20 DME, expect vectors to appropriate route, maintain 2000 feet and expect filed altitude 10 minutes after departure.

TAKE-OFF RUNWAY 35: NA

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

ILS 2 RWY 17

LOC I-GVT	APCH CRS	Rwy ldg	TDZE	Arpt Elev
110.5	176°	8030	534	535

AL-5138 [USAF]

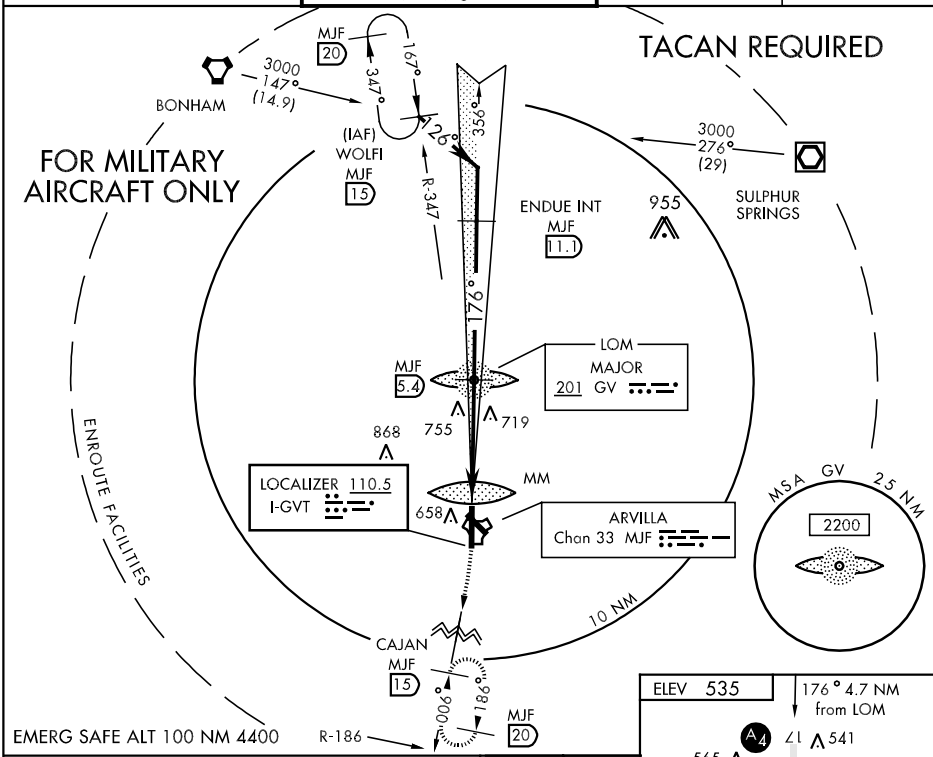
GREENVILLE/ MAJORS (KGVT)

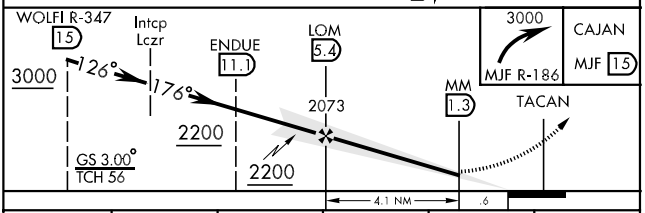
▼ * When ALS inop, increase CAT DE vis to 1¾ miles.
** When ALS inop, increase CAT D vis to 2 miles, CAT E vis to 2¼ miles.
▲ NA When control tower closed, use Dallas-Love Field altimeter setting.

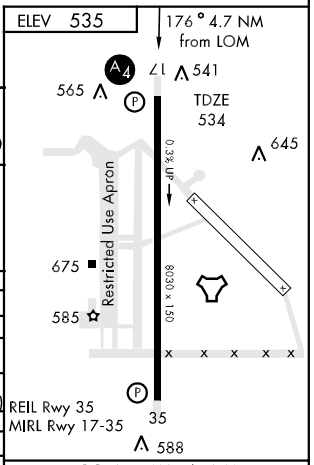
MALS A4

MISSED APPROACH: Climbing right turn to 3000 via MJF TACAN R-186 to CAJAN 15 DME and hold.

FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
132.85 360.75	118.65 (CTAF) 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
S-ILS 17	734-¾ 200 (200-¾)				
S-LOC 17 *	1060-¾ 526 (600-¾)		1060-1¼ 526 (600-1¼)	1060-1½ 526 (600-1½)	
CIRCLING	1060-1 525 (600-1)		1060-1½ 525 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)
DALLAS–LOVE ALTIMETER SETTING MINIMUMS					
S-ILS 17	837-1 303 (400-1)				
S-LOC 17**	1160-¾ 626 (700-¾)		1160-1½ 626 (700-1½)	1160-1¾ 626 (700-1¾)	1160-2 626 (700-2)
CIRCLING	1160-1 625 (700-1)		1160-1¾ 625 (700-1¾)	1180-2 645 (700-2)	1380-3 845 (900-3)

LOC FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

LOC I-GVT	APP CRS	Rwy Idg	8030
110.5	176°	TDZE	534
		Apt Elev	535

ILS or LOC RWY 17

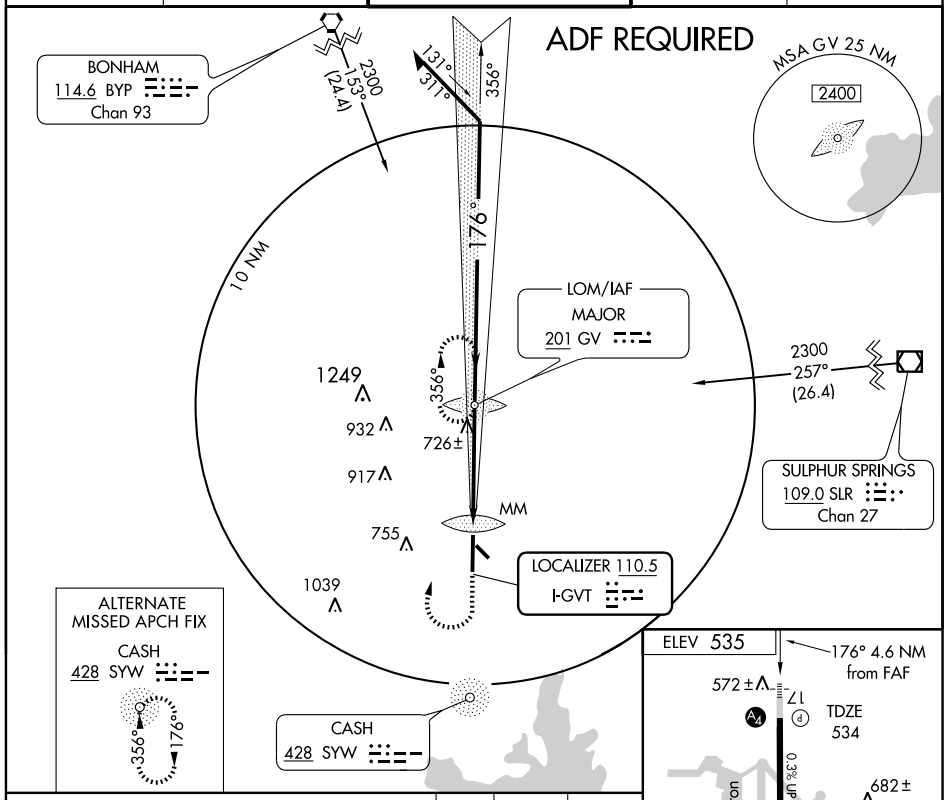
GREENVILLE/ MAJORS (GVT)

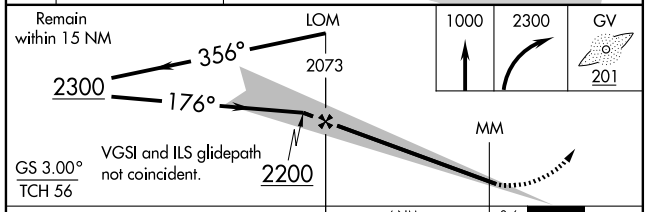
When local altimeter setting not received, use Terrell altimeter setting and increase DA 64 feet and all MDA 80 feet and increase S-ILS 17 all Cats visibility ¼ mile, S-LOC 17 Cat A, B, C and D visibility ¼ mile, Cat E visibility ½ mile, and circling Cat C and E visibility ¼ mile. Inoperative table does not apply to S-LOC 17 Cat C. ADF Required.

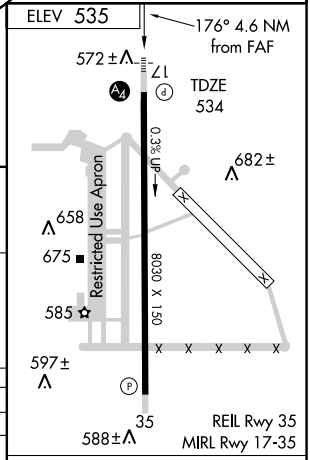
MALS

MISSED APPROACH: Climb to 1000 then climbing right turn to 2300 direct GV LOM and hold, continue climb-in-hold to 2300.

AWOS-3	FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
133.425	132.85 360.75	118.65 (CTAF) L 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
S-ILS 17	734-¾ 200 (200-¾)				
S-LOC 17	1060-¾ 526 (600-¾)		1060-1½ 526 (600-1½)	1060-1¾ 526 (600-1¾)	
CIRCLING	1060-1 525 (600-1)		1060-1½ 525 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-GVT	APP CRS	Rwy Idg	8030
110.5	356°	TDZE	531
		Apt Elev	535

LOC BC RWY 35
GREENVILLE/MAJORS (GVT)

Visibility reduction by helicopters NA. When local altimeter setting not received, use Terrell altimeter setting and increase all MDAs 80 feet and increase S-35 Cat C, D, and E visibility ¼ mile, circling Cat E visibility ¼ mile.

MISSED APPROACH: Climb to 2300 direct GV LOM and hold.

AWOS-3	FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
133.425	132.85 360.75	118.65 (CTAF) L 385.425	121.7 335.8	122.95

BACK COURSE
ADF REQUIRED

MSA SYW 25 NM
2400

LOM
MAJOR
201 GV

1249 932 917 755 1039 644±

10 NM

LOCALIZER 110.5
I-GVT

IAF
CASH
428 SYW

QUITMAN
114.0 UIM
Chan 87

2100
272°
(35.9)

356° 176°

TRAVIS
260 AVZ

2100
029°
(16.2)

131°
311°

Radar required for arrivals at AVZ NDB.

ELEV 535
REIL Rwy 35
MIRL Rwy 17-35

572±
17
0.3% up
682±
658
675
Restricted Use Apron
8030 X 150
585
597±
TDZE
531
35
588±
356° 4.5 NM
from FAF

2300 GV 201

NDB
176°
356°
2100
2100
3.19°
TCH 55
0.7
3.8 NM

Remain within 15 NM

VGSI and descent angles not coincident.

CATEGORY	A	B	C	D	E
S-35	980-1 449 (500-1)		980-1¼ 449 (500-1¼)	980-1½ 449 (500-1½)	
CIRCLING	1040-1 505 (600-1)		1040-1½ 505 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8030
CH 86205	176°	TDZE	534
W17A		Apt Elev	535

RNAV (GPS) RWY 17

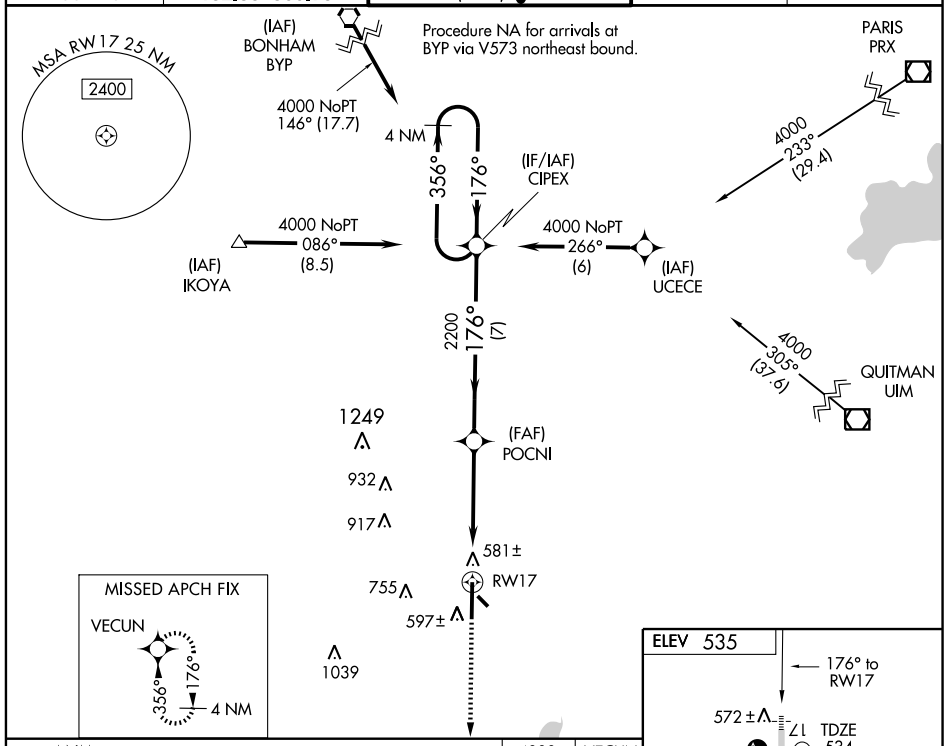
GREENVILLE/MAJORS (GVT)

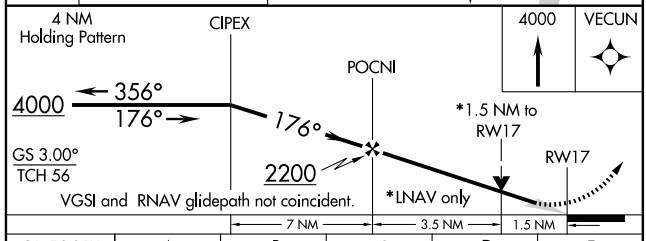
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Terrell altimeter setting. When local altimeter setting not received, use Terrell altimeter setting and increase all DA 64 feet and MDA 80 feet and increase LPV visibility all Cats ¼ mile, LNAV/VNAV Cat A, B, and C visibility ½ mile, Cat D and E visibility ¼ mile and LNAV Cat C and D visibility ¼ mile and Cat E visibility ½ mile and circling Cat C and E visibility ¼ mile. Inoperative table does not apply to LNAV Cat C.

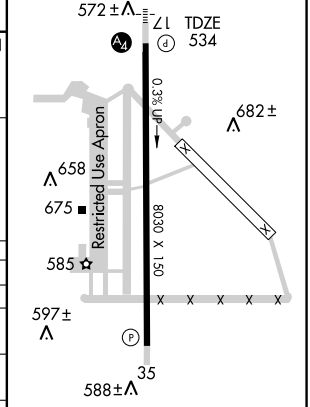
MALS

MISSED APPROACH: Climb to 4000 direct VECUN and hold, continue climb-in hold to 4000.

AWOS-3	FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
133.425	132.85 360.75	118.65 (CTAF) L 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
LPV DA	798-1 264 (300-1)				
LNAV/VNAV DA	849-¾ 315 (400-¾)			849-1 315 (400-1)	
LNAV MDA	1060-¾ 526 (600-¾)		1060-1½ 526 (600-1½)	1060-1¾ 526 (600-1¾)	
CIRCLING	1060-1 525 (600-1)		1060-1½ 525 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8030
356°	TDZE	531
	Apt Elev	535

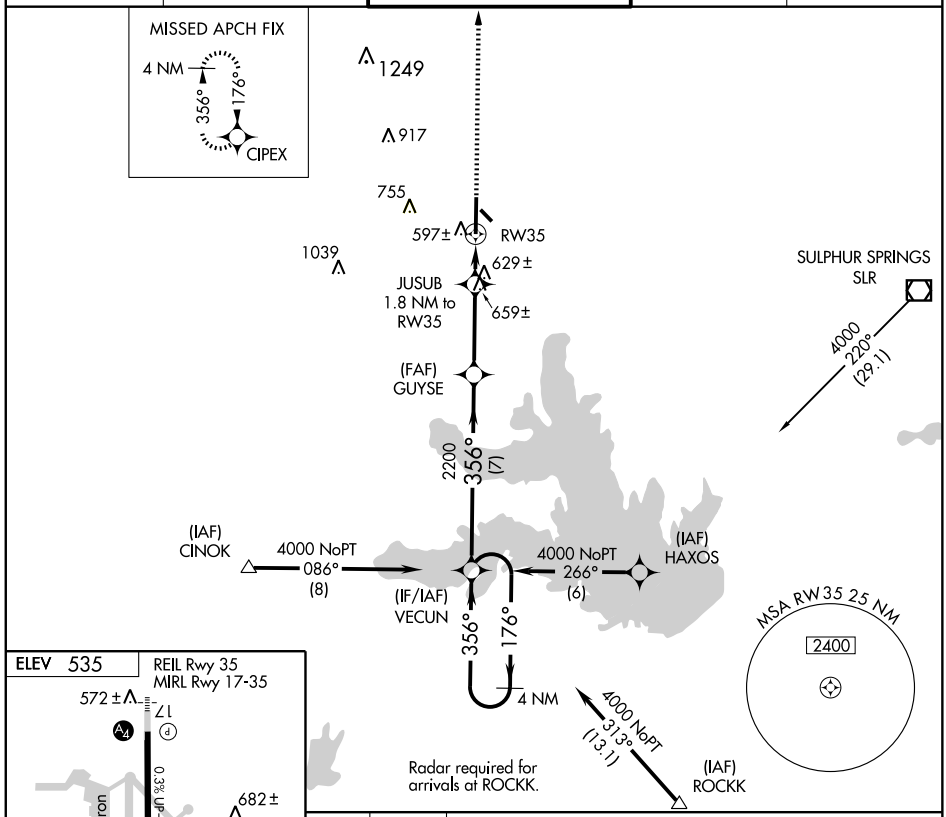
RNAV (GPS) RWY 35

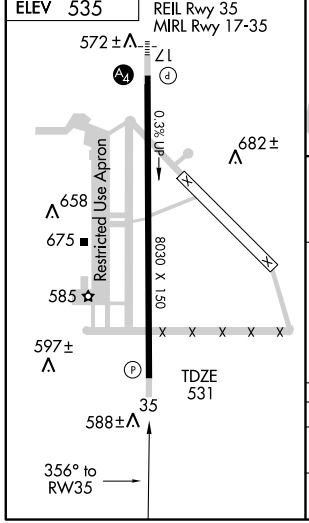
GREENVILLE/ MAJORS (GVT)

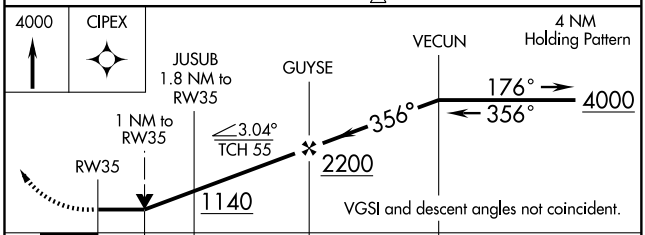
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Terrell altimeter setting. When local altimeter setting not received, use Terrell altimeter setting and increase all MDA 80 feet and increase LNAV Cat C, D, and E visibility ¼ mile and circling Cat E visibility ¼ mile.

MISSED APPROACH: Climb to 4000 direct CIPEX and hold, continue climb-in-hold to 4000.

AWOS-3	FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
133.425	132.85 360.75	118.65 (CTAF) L 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
LNAV MDA	900-1 369 (400-1)			900-1¼ 369 (400-1¼)	
CIRCLING	1040-1 505 (600-1)		1040-1½ 505 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)

SC-2, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 17

TACAN MJF Chan 33	APCH CRS 167°	Rwy ldg 8030 TDZE 534 Arpt Elev 535

AL-5138 [USAF]

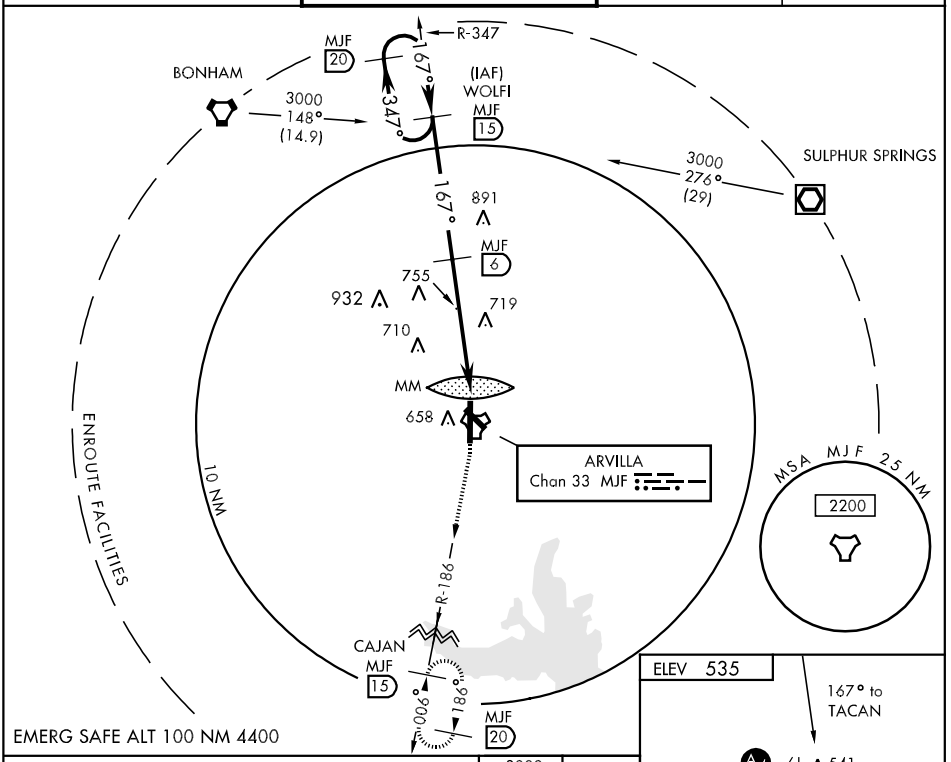
GREENVILLE/ MAJORS (KGVT)

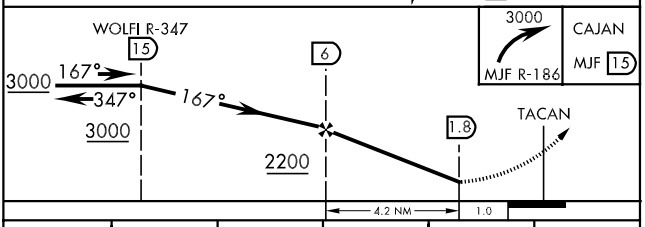
▼ * When ALS inop, increase CAT DE vis to 1¾ miles.
** When ALS inop, increase CAT D vis to 2 miles, CAT E vis to 2¼ miles.
▲ NA When control tower closed, use Dallas-Love Field altimeter setting.

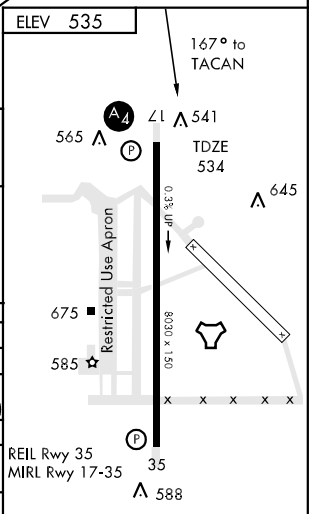
MALS A4

MISSED APPROACH: Climb to 3000 via MJF TACAN R-186 to CAJAN 15 DME and hold.

FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
132.85 360.75	118.65 (CTAF) 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
S-17 *	1060-1¼ 526 (600-1¼)			1060-1½ 526 (600-1½)	
CIRCLING	1060-1¼ 525 (600-1¼)		1060-1½ 525 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)
DALLAS–LOVE ALTIMETER SETTING MINIMUMS					
S-17 **	1160-1¼ 626 (700-1¼)		1160-1½ 626 (700-1½)	1160-1¾ 626 (700-1¾)	1160-2 626 (700-2)
CIRCLING	1160-1¼ 625 (700-1¼)		1160-1¾ 625 (700-1¾)	1180-2 645 (700-2)	1380-3 845 (900-3)

TACAN RWY 35

TACAN MJF Chan 33	APCH CRS 006°	Rwy ldg 8030 TDZE 531 Arpt Elev 535

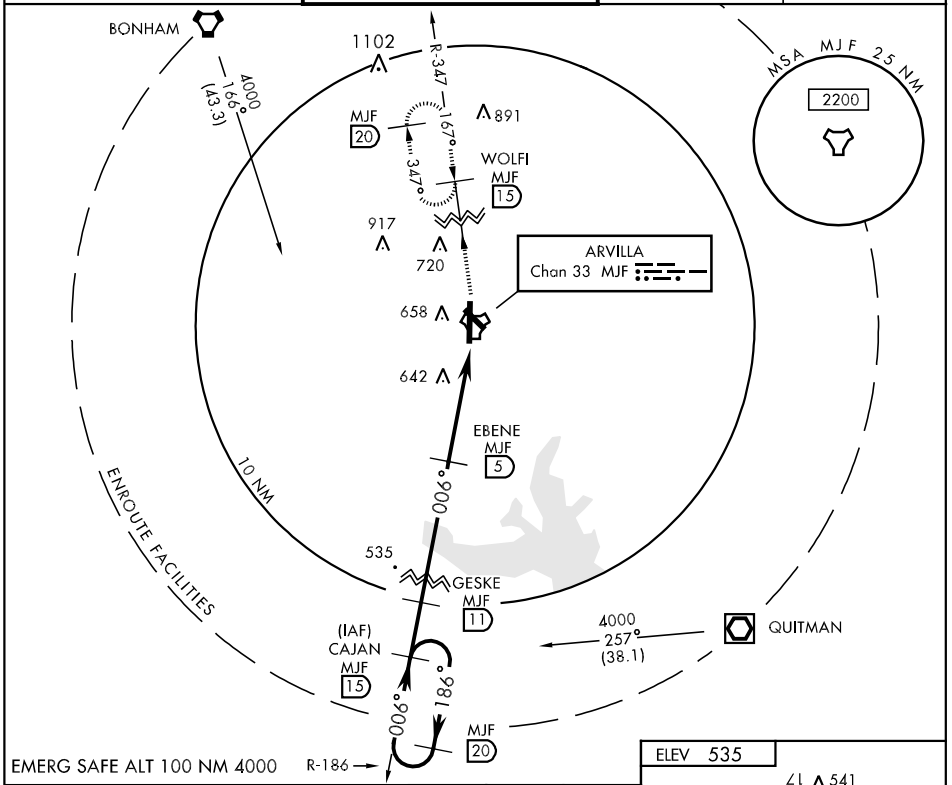
AL-5138 [USAF]

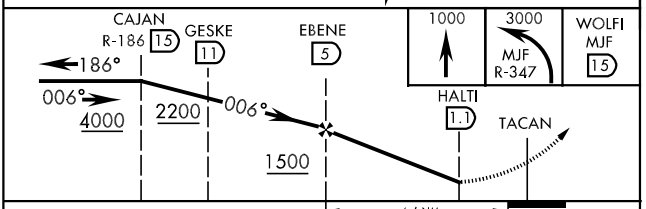
GREENVILLE/MAJORS (KGVT)

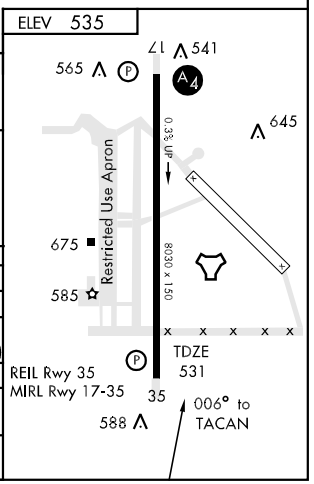
NA When control tower closed, use Dallas-Love Field altimeter setting.

MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 via MJF TACAN R-347 to WOLFI 15 DME and hold.

FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
132.85 360.75	118.65 (CTAF) 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
S-35	900-1 369 (400-1)			900-1¼ 369 (400-1¼)	
CIRCLING	1040-1 505 (600-1)		1040-1½ 505 (600-1½)	1100-2 565 (600-2)	1280-2¾ 745 (800-2¾)
DALLAS–LOVE FIELD ALTIMETER SETTING MINIMUMS					
S-35	1000-1 469 (500-1)		1000-1¼ 469 (500-1¼)	1000-1½ 469 (500-1½)	1000-1¾ 469 (500-1¾)
CIRCLING	1140-1 605 (700-1)		1140-1¾ 605 (700-1¾)	1180-2 645 (700-2)	1380-3 845 (900-3)

VORTAC BYP	APP CRS	Rwy Idg	8030
114.6	157°	TDZE	534
Chan 93		Apt Elev	535

VOR/DME RWY 17

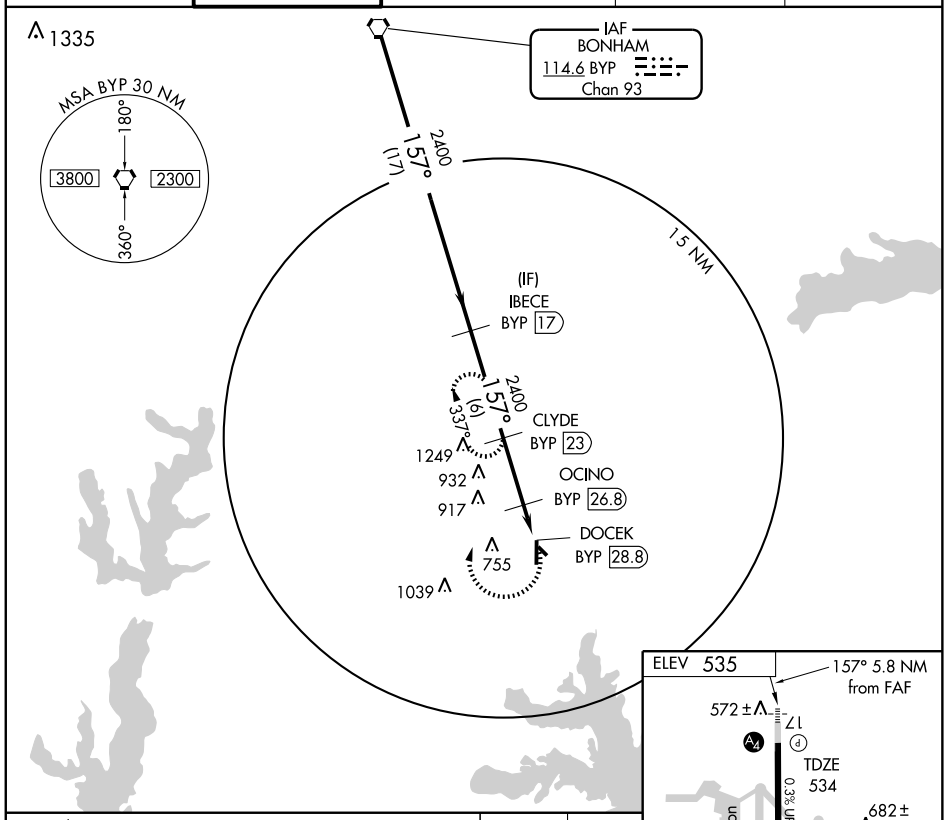
GREENVILLE/ MAJORS (GVT)

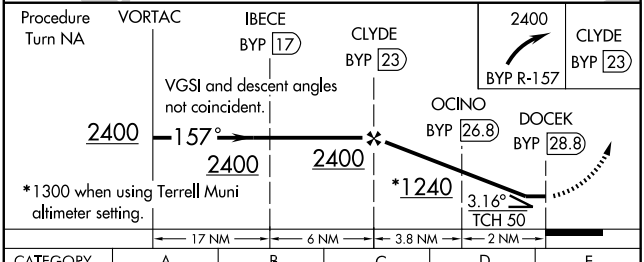
If local altimeter setting not received, use Terrell Muni altimeter setting and increase all MDAs 80 feet.

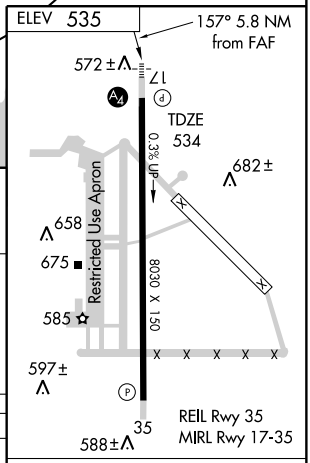
MALS

MISSED APPROACH: Climbing right turn to 2400 via BYP R-157 to CLYDE /23 DME and hold.

AWOS-3	FORT WORTH CENTER	MAJORS TOWER ★	GND CON	UNICOM
133.425	132.85 360.75	118.65 (CTAF) 385.425	121.7 335.8	122.95







CATEGORY	A	B	C	D	E
S-17	1120-1 586 (600-1)	1120-1¼ 586 (600-1¼)	1120-1½ 586 (600-1½)	1120-2 586 (600-2)	
CIRCLING	1120-1 585 (600-1)	1120-1¼ 585 (600-1¼)	1120-1½ 585 (600-1½)	1120-2 585 (600-2)	1280-2¾ 745 (800-2¾)

Knots	60	90	120	150	180
Min:Sec					

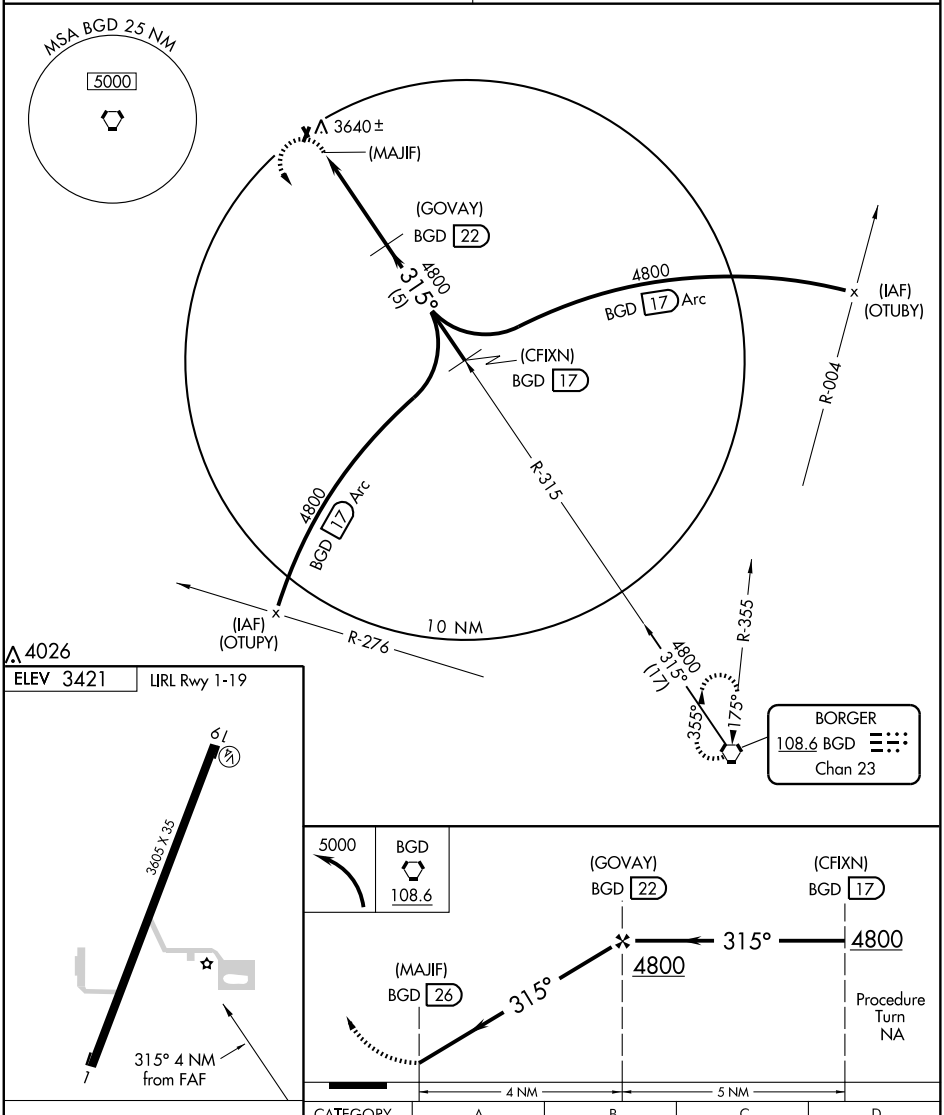
SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD 108.6 Chan 23	APP CRS 315°	Rwy Idg N/A TDZE N/A Apt Elev 3421

VOR/DME or GPS-A

GRUVER/ CLUCK RANCH (2E3)

⚠ NA Use Dalhart altimeter setting; when not available, use Amarillo altimeter setting and increase all MDAs 40 feet.	MISSED APPROACH: Climbing left turn to 5000 direct BGD VORTAC and hold.
ALBUQUERQUE CENTER 127.85 285.475	(CTAF) 122.9



Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	4140-1 700 (700-1)	4140-1¼ 700 (700-1¼)	NA	

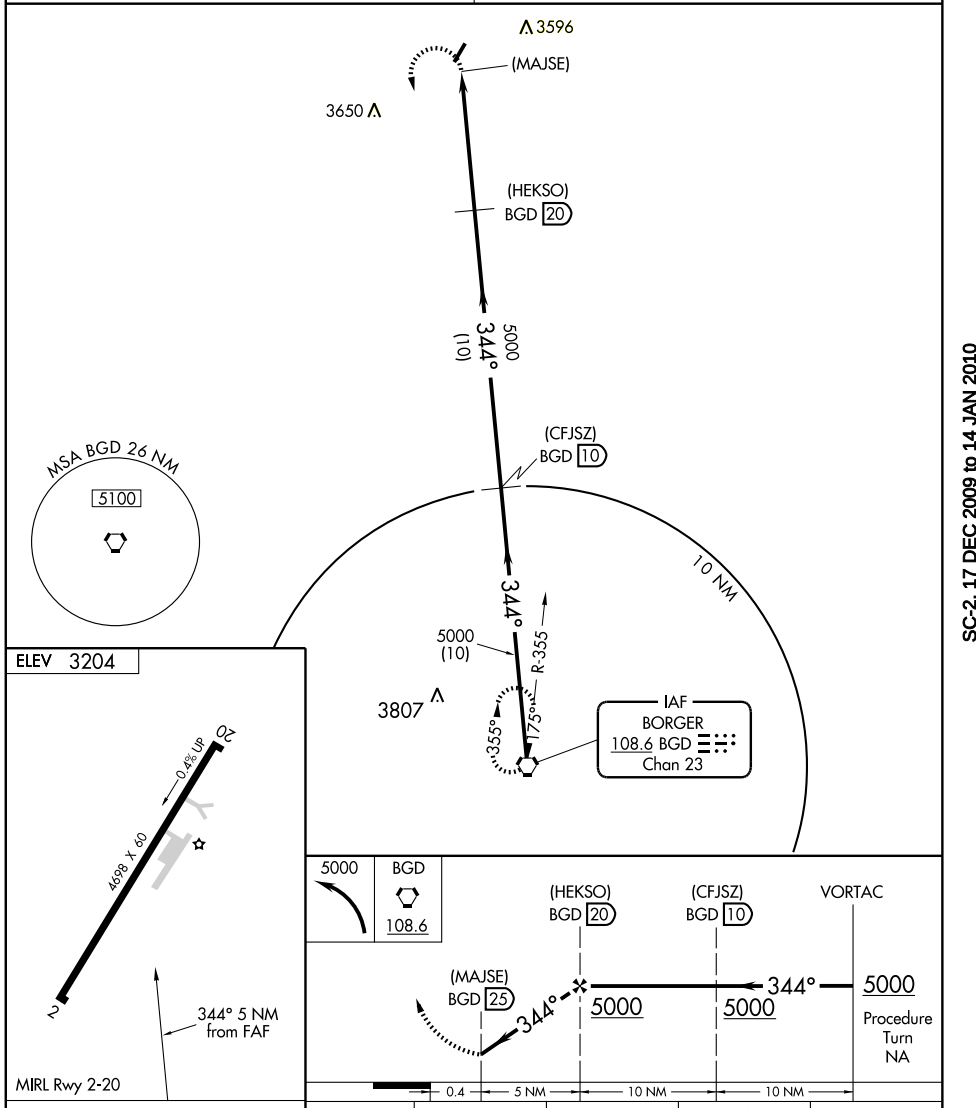
SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD 108.6 Chan 23	APP CRS 344°	Rwy Idg N/A TDZE N/A Apt Elev 3204

VOR/DME or GPS-B

GRUVER MUNI (E19)

⚠ NA Use Liberal, KS altimeter setting.	MISSED APPROACH: Climbing left turn to 5000 direct BGD VORTAC and hold.
ALBUQUERQUE CENTER 127.85 285.475	CTAF 122.9



Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	4080-1 876 (900-1)	4080-1¼ 876 (900-1¼)	4080-2½ 876 (900-2½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB MNZ	APP CRS	Rwy Idg	5000
251	350°	TDZE	1299
		Apt Elev	1299

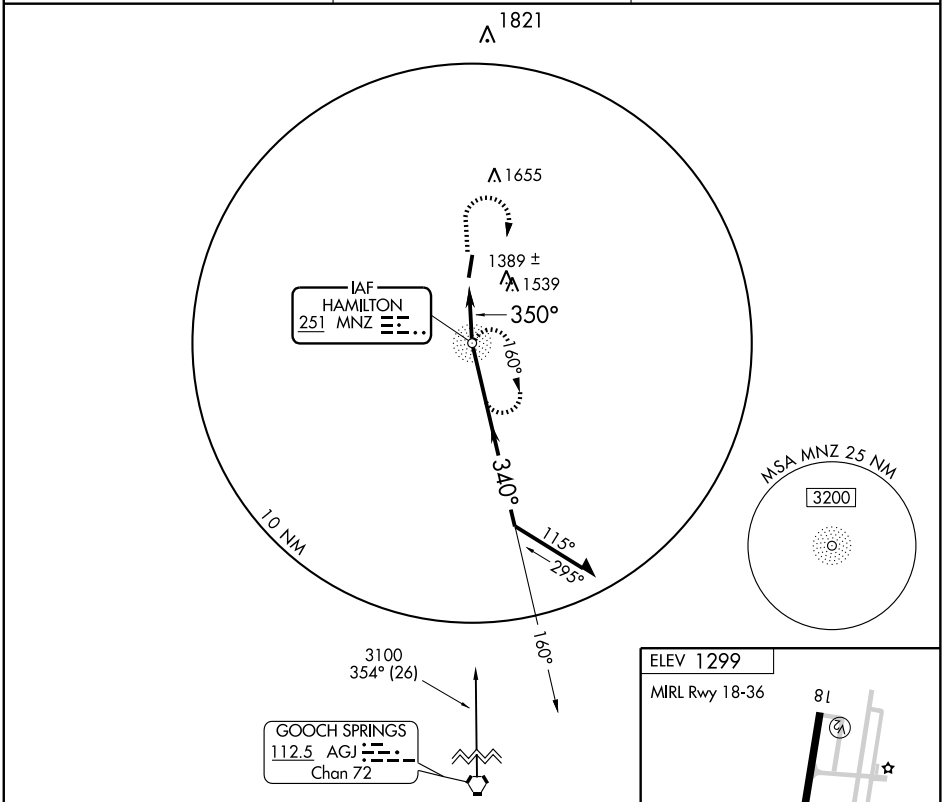
NDB RWY 36

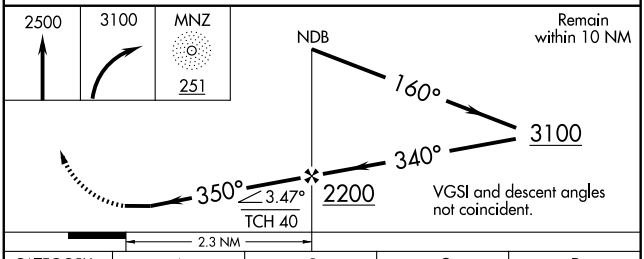
HAMILTON MUNI (MNZ)

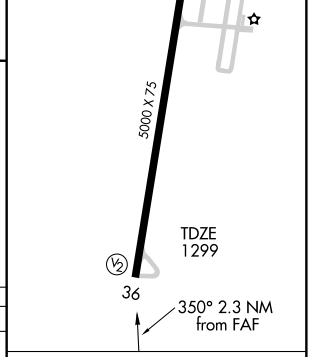
Visibility reduction by helicopters NA.
When local altimeter setting not received, use Comanche altimeter setting and increase all MDA 80 feet, and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2500 then climbing right turn to 3100 direct MNZ NDB and hold.

AWOS-3	GRAY APP CON	UNICOM
118.525	120.075 323.15	122.7 (CTAF)







CATEGORY	A	B	C	D
S-36	1700-1 401 (500-1)		1700-1¼ 401 (500-1¼)	NA
CIRCLING	1700-1 401 (500-1)	1760-1 461 (500-1)	1900-1¾ 601 (700-1¾)	NA

FAF to MAP 2.3 NM

Knots	60	90	120	150	180
Min:Sec	2:18	1:32	1:09	0:55	0:46

SC-3, 17 DEC 2009 to 14 JAN 2010

HAMILTON, TEXAS AL-6984 (FAA) 09351

APP CRS	Rwy Idg	5000
182°	TDZE	1299
	Apt Elev	1299

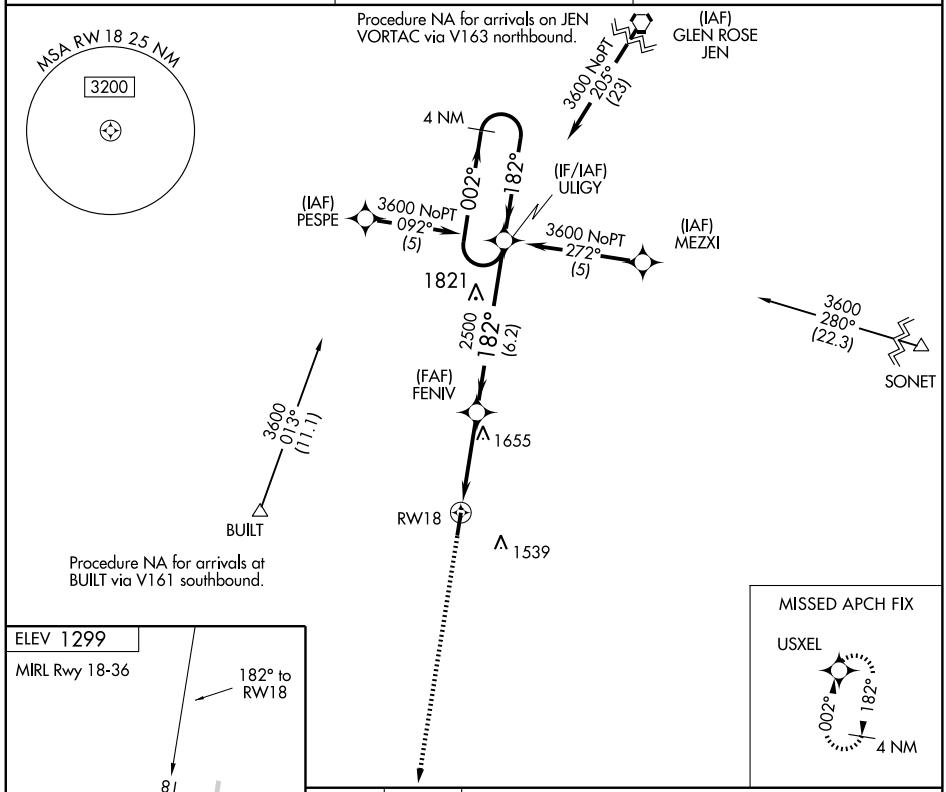
RNAV (GPS) RWY 18

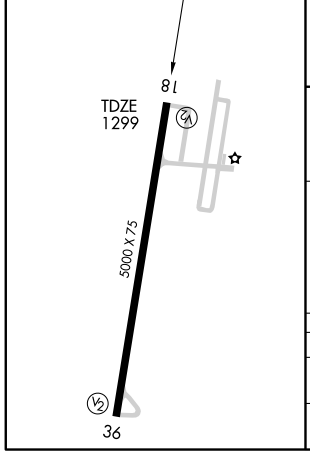
HAMILTON MUNI (MNZ)

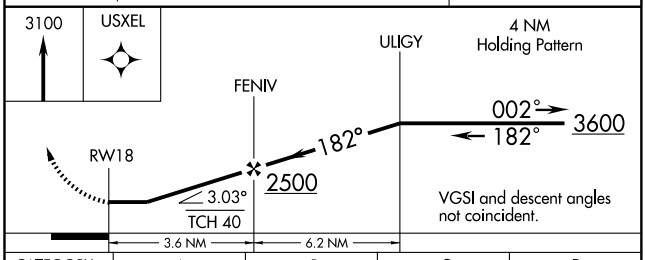
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Comanche altimeter setting and increase all MDA 80 feet, increase LNAV Cat B visibility ¼ mile and Cat C visibility ½ mile, increase Circling Cat B visiblity ¼ mile and Cat C visibility ½ mile.

MISSED APPROACH: Climb to 3100 direct USXEL and hold.

AWOS-3	GRAY APP CON	UNICOM
118.525	120.075 323.15	122.7 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1960-1 661 (700-1)		1960-1¾ 661 (700-1¾)	NA
CIRCLING	1960-1 661 (700-1)		1960-1¾ 661 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

HAMILTON, TEXAS

AL-6984 (FAA)

09351

APP CRS	Rwy Idg	5000
002°	TDZE	1299
	Apt Elev	1299

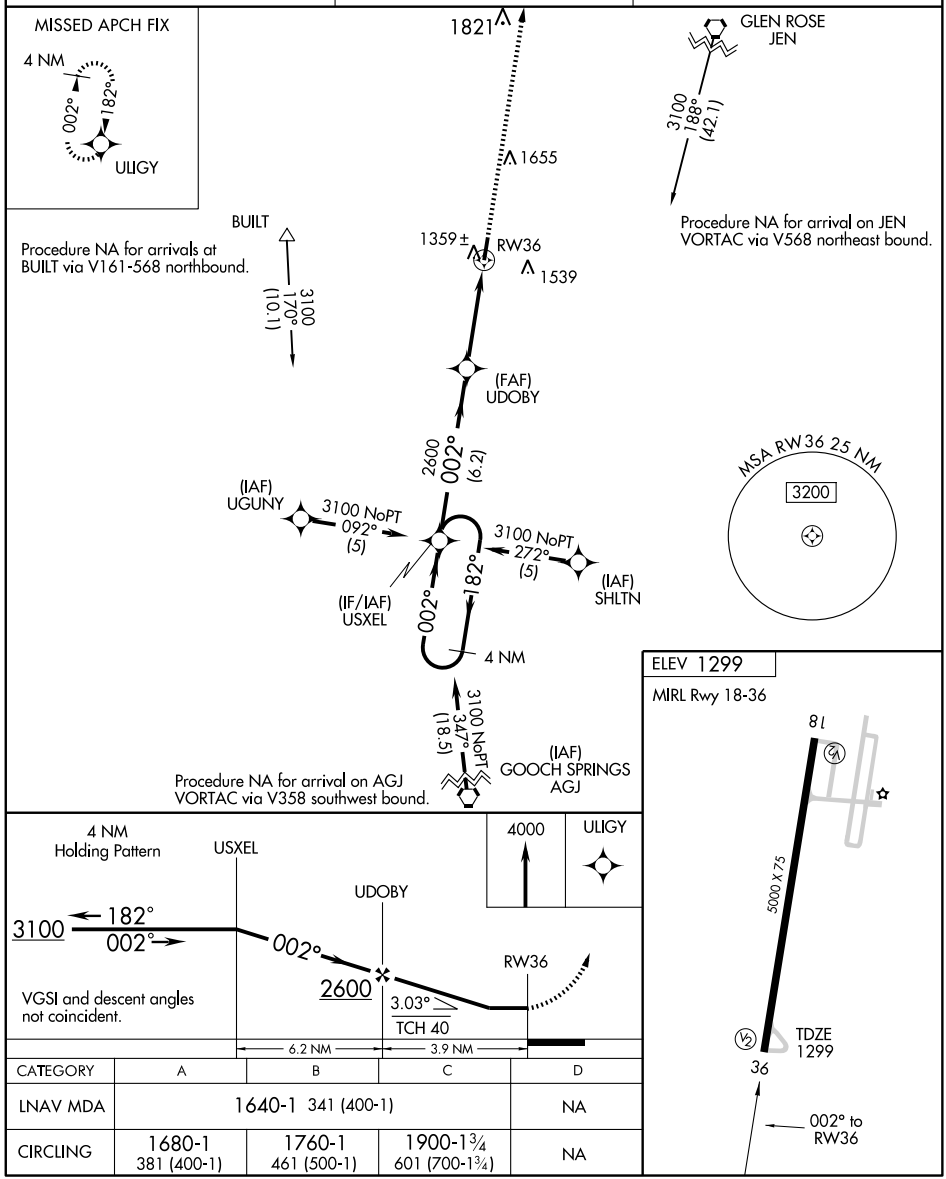
RNAV (GPS) RWY 36

HAMILTON MUNI (MNZ)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Comanche altimeter setting and increase all MDA 80 feet, increase LNAV and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 4000 direct ULIGY and hold, continue climb-in-hold to 4000.

AWOS-3	GRAY APP CON	UNICOM
118.525	120.075 323.15	122.7 (CTAF)



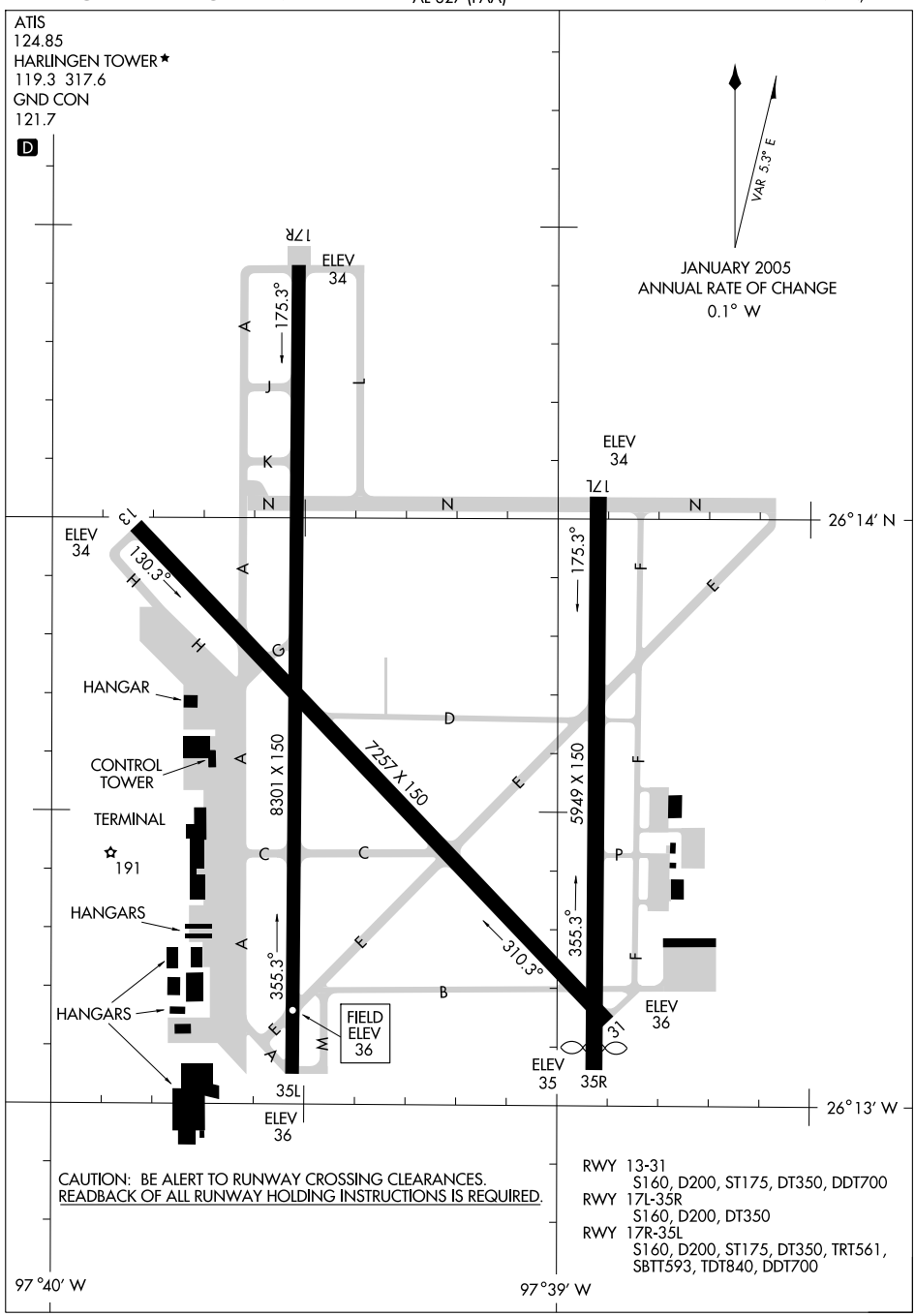
CATEGORY	A	B	C	D
LNAV MDA	1640-1 341 (400-1)			NA
CIRCLING	1680-1 381 (400-1)	1760-1 461 (500-1)	1900-1¾ 601 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-827 (FAA)

HARLINGEN/ VALLEY INTL (HRL)
HARLINGEN, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-HRL	APP CRS	Rwy Idg	8301
111.5	176°	TDZE	34
Chan 52		Apt Elev	36

ILS or LOC RWY 17R

HARLINGEN/ VALLEY INTL (HRL)

For inoperative MALSR increase S-LOC 17R Cats D and E visibility to RVR 5000. Procedure turn NA Cat E. Alternate Minimums: Cat E NA. *RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 800 then climbing left turn to 1600 direct SEBAS LOM and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95

ADF or DME REQUIRED

1500 NoPT to INFEQ 241° heading (1.6) and LOC (.9)

(IF) INFEQ INT I-HRL 15.1

(IAF) RAYMO

(UBVAY)

1400 176° (9.6)

356°

131°

311°

176°

10 NM

LOM/IAF SEBAS 338 HR

I-HRL 5.5

HARLINGEN 109.2 HRL Chan 29

139±

145

1600 to LOM 351° (4.6)

1049

362

306

319

182

180±

LOCALIZER 111.5 I-HRL Chan 52

543

MSA HR 25 NM

1900

090°

2600

360°

1049

ELEV 36 D

17R

176° 3.9 NM from FAF

TDZE 34

66

17L

73

74

191

104

35L

35R

31

68

69

7257 X 150

5949 X 150

8301 X 150

HIRL Rwy 17R-35L

REIL Rwys 13 and 17L

MIRL Rwys 13-31 and 17L-35R

FAF to MAP 3.9 NM

Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

800 | 1600 | HR 338

LOM I-HRL 5.5

Remain within 10 NM

356°

INFEQ I-HRL 15.1

1600

1500

176°

1400

I-HRL 1.6

1338

GS 3.00° TCH 55

3.9 NM

9.6 NM

CATEGORY	A	B	C	D	E
S-ILS 17R	*234/24 200 (200-½)				
S-LOC 17R	400/24 366 (400-½)			400/40 366 (400-¾)	
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

HARLINGEN, TEXAS

AL-827 (FAA)

LOC/DME I-HRL	APP CRS	Rwy Idg	8301
111.5	356°	TDZE	36
Chan 52		Apt Elev	36

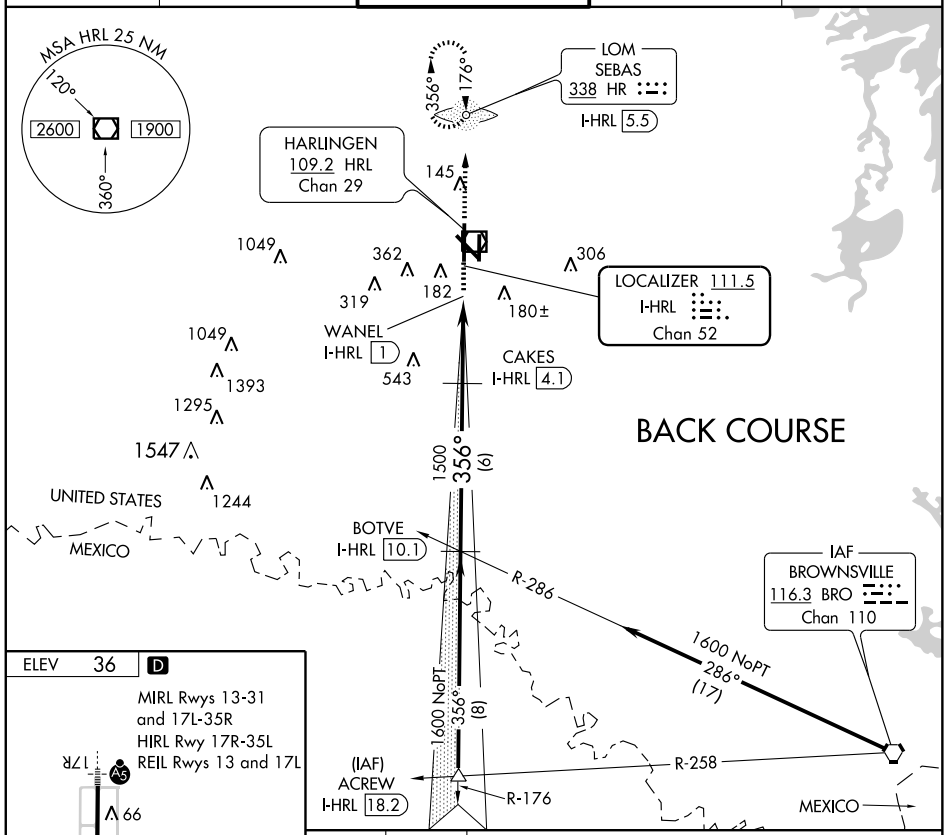
LOC/DME BC RWY 35L

HARLINGEN/ VALLEY INTL (HRL)

LOC BC unusable from 1NM inbound.
Disregard glide slope indications.

MISSED APPROACH: Climb to 1600 via I-HRL north course to SEBAS/I-HRL 5.5 DME and hold.

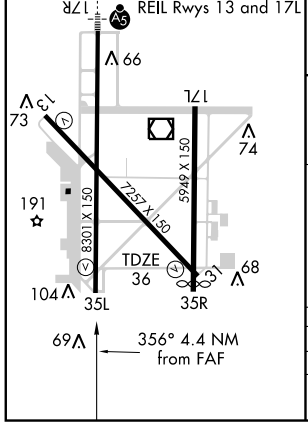
ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) 317.6	121.7	122.95

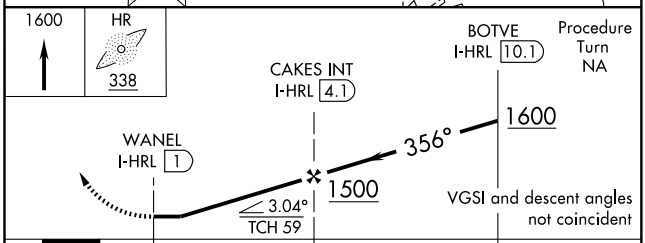


SC-3, 17 DEC 2009 to 14 JAN 2010

ELEV 36 D

MIRL Rwys 13-31 and 17L-35R
HIRL Rwy 17R-35L
REIL Rwys 13 and 17L





CATEGORY	A	B	C	D
S-35L	420-1½ 384 (400-1½)			
CIRCLING	500-1½ 464 (500-1½)			680-2 644 (700-2)

APP CRS	Rwy Idg	7257
131°	TDZE	35
	Apt Elev	36

RNAV (GPS) RWY 13

HARLINGEN/VALLEY INTL (HRL)

Baro-VNAV NA below -15°C (5°F).
GPS or RNP-0.3 required.
DME/DME RNP-0.3 NA.

NA

MISSED APPROACH: Climb to 2000 direct AMAPE WP and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) 317.6	121.7	122.95

MSA RW13 25 NM
2600

JIMIE
2600
175° (19.4)

Procedure NA for arrival at JIMIE on V-70 Northbound, V-20 Northeastbound, V-407 Northbound.

(IF/IAF) CAKOB
4 NM
131°
311°
2000 NoPT
221° (5)
(IAF) BATVE
2000 NoPT
041° (5)
1700 (6)
131°
(FAF) BUVTE
2600
063° (21.4)
(IAF) APUGE
McALLEN MFE

145
177±
RW13
69±
1049
362
319
182
180±
306

MISSED APCH FIX
AMAPE
131°
311°
4 NM

1049
1393
543
1295

ELEV 36 D

131° to RW13

17R
17L
13
73
TDZE 35
66
74
191
104
68
35L
35R
31
69
7257 X 150
5949 X 150
8301 X 150

HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R

4 NM Holding Pattern
CAKOB
* LNAV only
2000
AMAPE
BUVTE
311°
131°
2000
131°
* 1.1 NM to RW13
RW13
GS 3.00°
TCH 59
1700
6 NM
3.9 NM
1.1

CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	360-1 325 (400-1)			
LNAV MDA	440-1 405 (500-1)		440-1¼ 405 (500-1¼)	
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5949
176°	TDZE	34
	Apt Elev	36

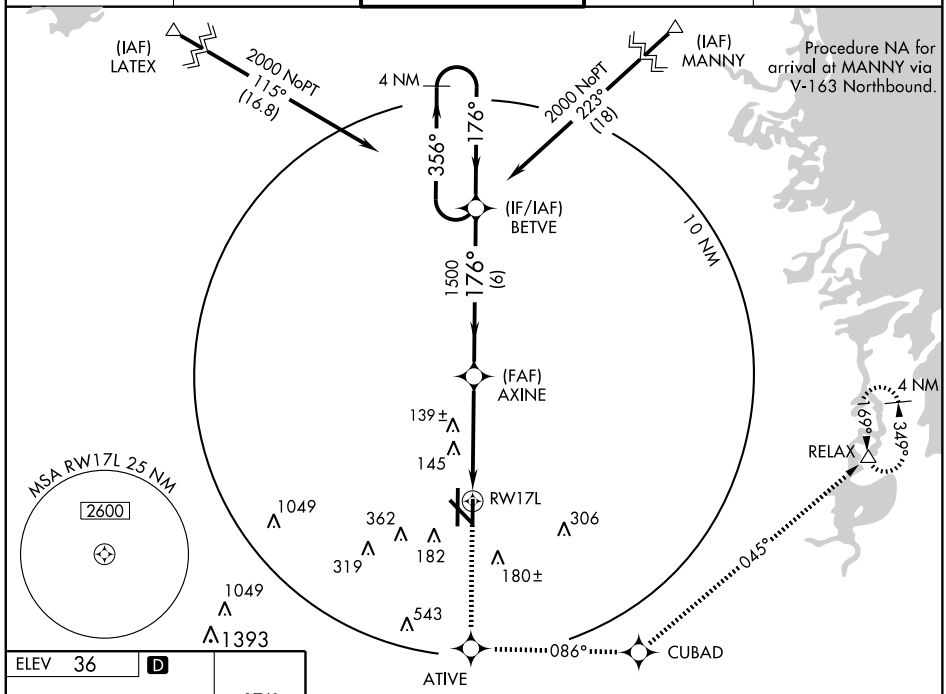
RNAV (GPS) RWY 17L

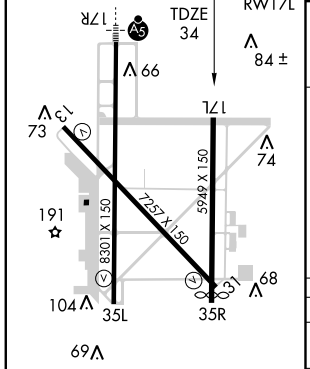
HARLINGEN/ VALLEY INTL (HRL)

V A NA W — Baro-VNAV NA below -15°C (5°F). GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Straight in minimums NA when control tower closed.

MISSED APPROACH: Climb to 2000 direct ATIVE and via 086° track to CUBAD and via 045° track to RELAX and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95

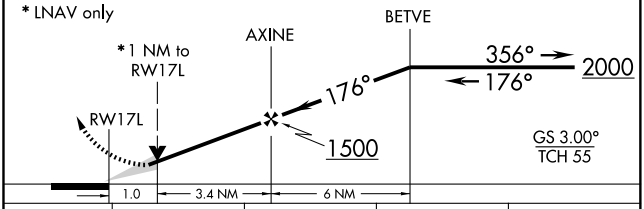




HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R

2000	ATIVE	086° TRK	CUBAD	045° TRK	RELAX

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV/ VNAV DA	360-1 326 (400-1)			
LNAV MDA	400-1 366 (400-1)			400-1¼ 366 (400-1¼)
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8301
176°	TDZE	34
	Apt Elev	36

RNAV (GPS) RWY 17R

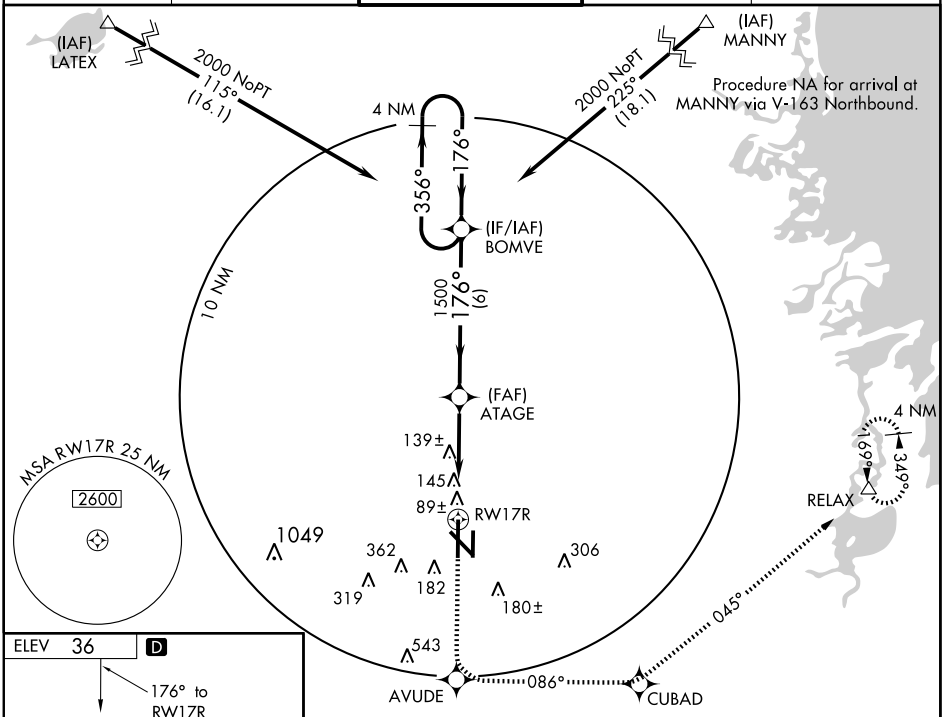
HARLINGEN/ VALLEY INTL (HRL)

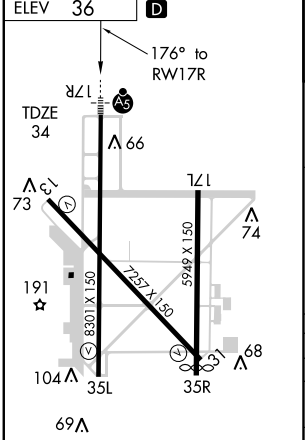
T A NA W — Baro-VNAV NA below -15°C (5°F). GPS or RNP -0.3 required. DME/DME RNP-0.3 NA. For inoperative MALSR increase LNAV/VNAV Cat D visibility to RVR 5000, LNAV Cat D visibility to RVR 6000.

MALSR

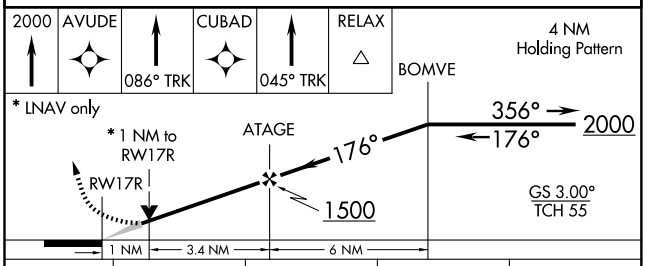
MISSED APPROACH: Climb to 2000 direct AVUDE and via 086° track to CUBAD and via 045° track to RELAX and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95





HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	360/24 326 (400-½)			360/40 326 (400-¾)
LNAV MDA	400/24 366 (400-½)			400/50 366 (400-1)
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	7257
311°	TDZE	36
	Apt Elev	36

RNAV (GPS) RWY 31

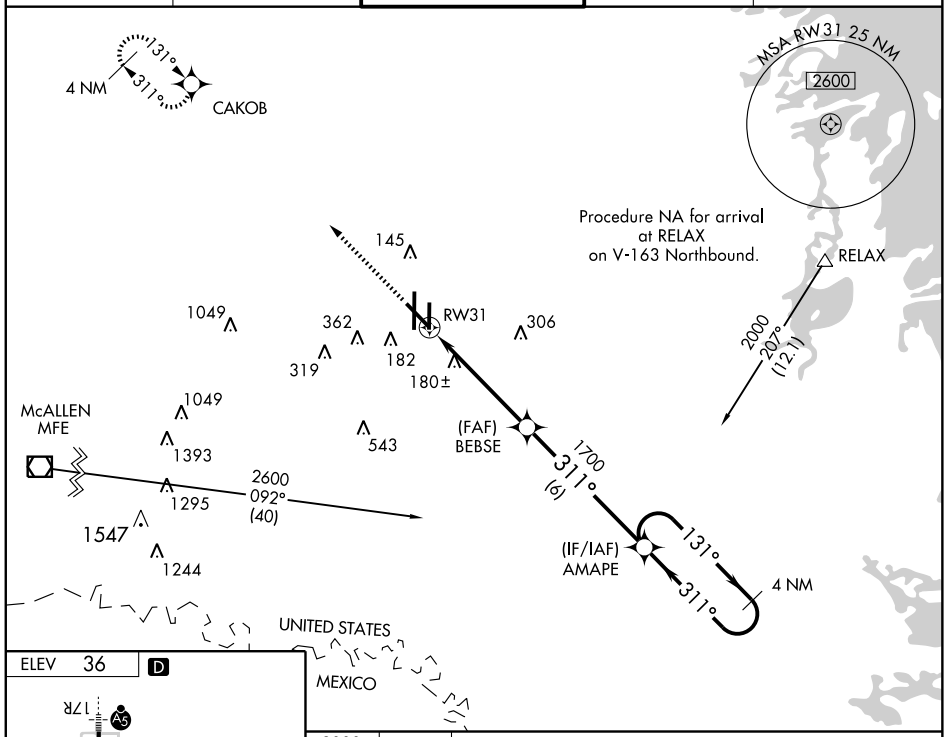
HARLINGEN/ VALLEY INTL (HRL)

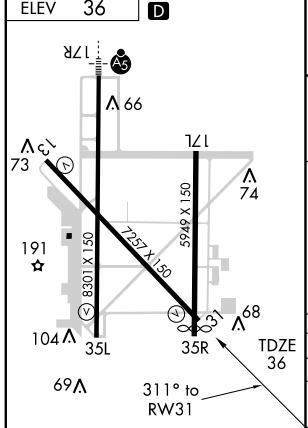
Baro-VNAV NA below -15°C (5°F).
GPS or RNP -0.3 required.
DME/DME RNP-0.3 NA.

NA

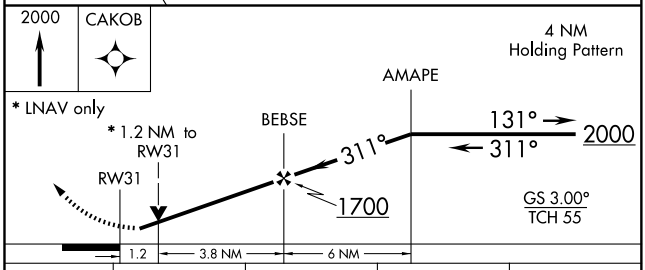
MISSED APPROACH: Climb to 2000 direct CAKOB WP and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95





HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	320-1 284 (300-1)			
LNAV MDA	480-1 444 (500-1)		480-1¼ 444 (500-1¼)	480-1½ 444 (500-1½)
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8301
356°	TDZE	36
	Apt Elev	36

RNAV (GPS) RWY 35L

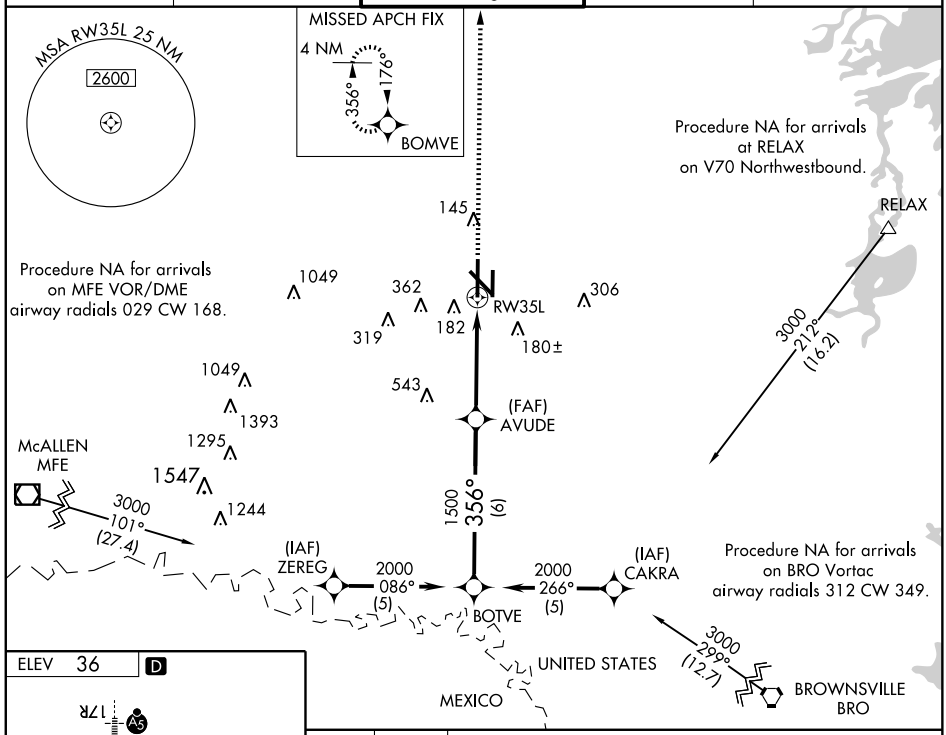
HARLINGEN/ VALLEY INTL (HRL)

T
A NA
W

Baro-VNAV NA below -15°C (5°F).
GPS or RNP-0.3 required.
DME/DME RNP-0.3 NA.

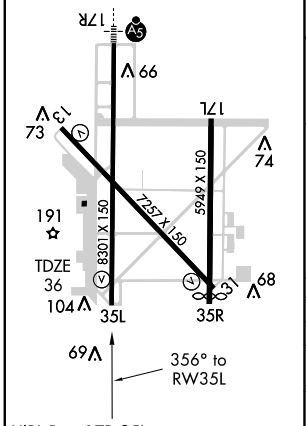
MISSED APPROACH: Climb to 2000 direct BOMVE and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95

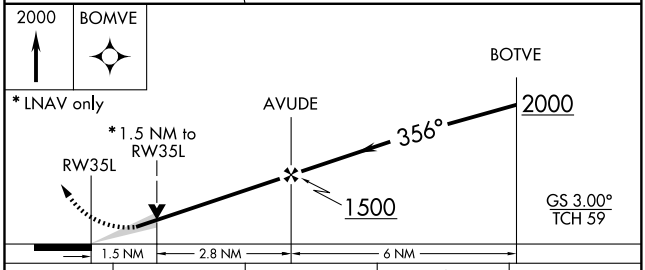


SC-3, 17 DEC 2009 to 14 JAN 2010

ELEV 36 D



HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	460-1½ 424 (500-1½)			
LNAV MDA	580-1 544 (600-1)		580-1½ 544 (600-1½)	580-1¾ 544 (600-1¾)
CIRCLING	580-1½ 544 (600-1½)			680-2 644 (700-2)

HARLINGEN, TEXAS

AL-827 (FAA)

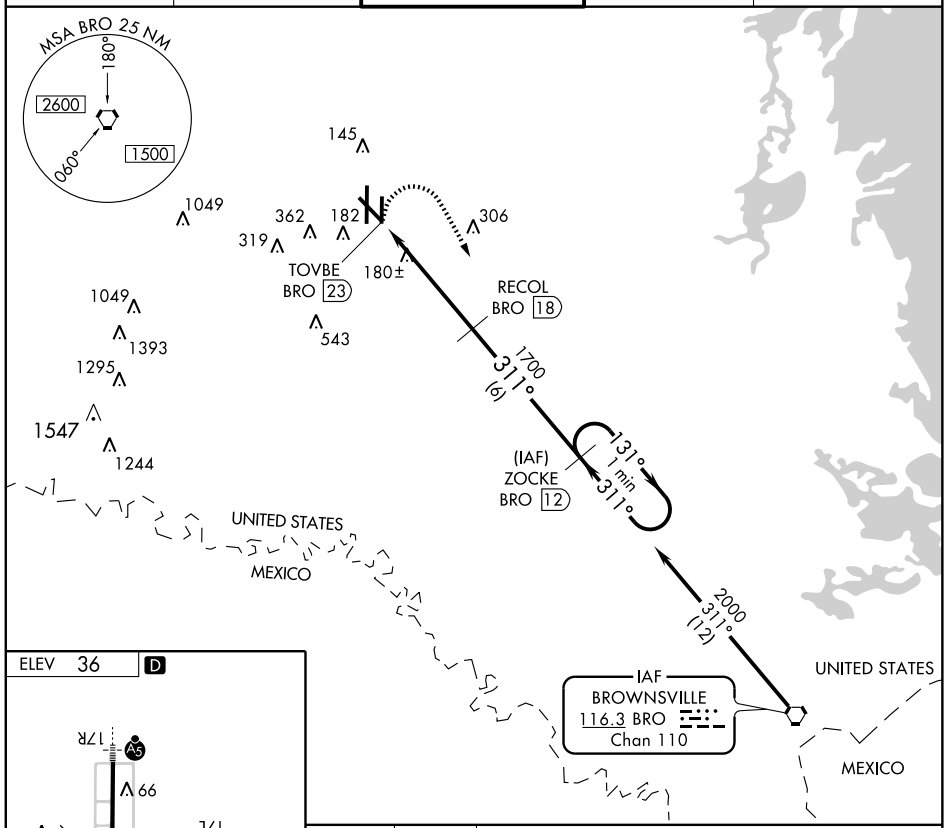
VOR/DME or TACAN Y RWY 31

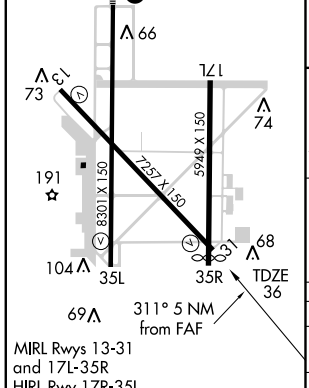
HARLINGEN/ VALLEY INTL (HRL)

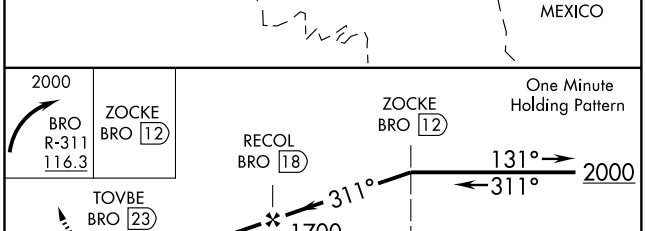
VORTAC BRO 116.3 Chan 110	APP CRS 311°	Rwy Idg 7257 TDZE 36 Apt Elev 36

MISSED APPROACH: Climbing right turn to 2000 via BRO R-311 to ZOCKE/12 DME and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95







CATEGORY	A	B	C	D
S-31	620-1 584 (600-1)	620-1¼ 584 (600-1¼)	620-1½ 584 (600-1½)	620-1¾ 584 (600-1¾)
CIRCLING	620-1 584 (600-1)	620-1¼ 584 (600-1¼)	620-1½ 584 (600-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

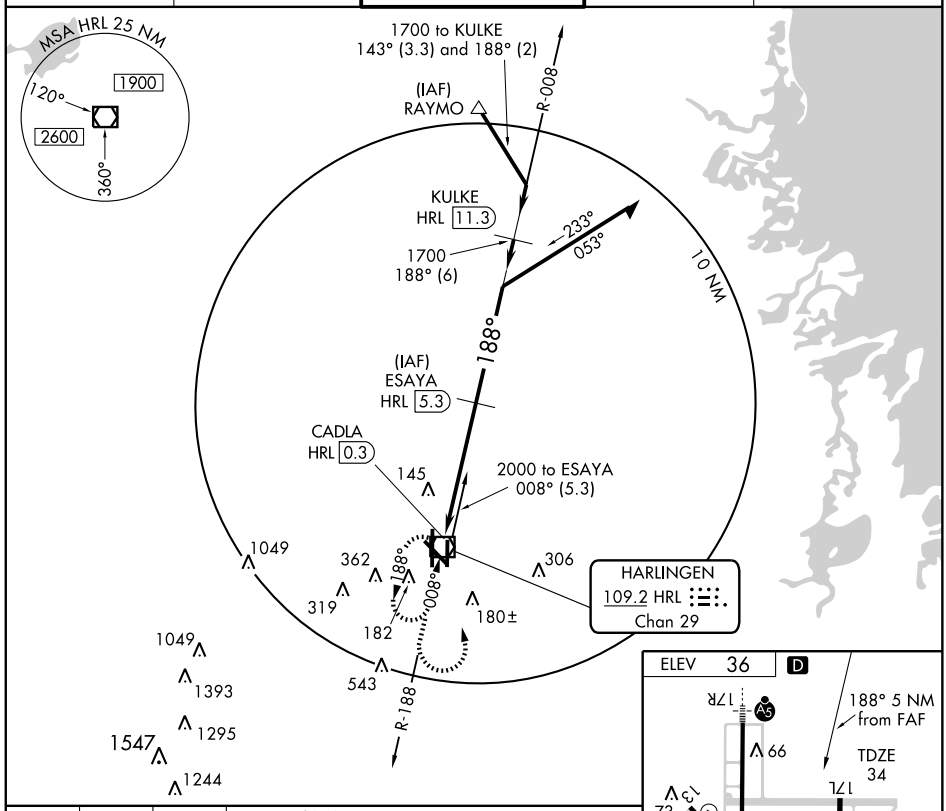
VOR/DME HRL	APP CRS	Rwy Idg 5949
109.2	188°	TDZE 34
Chan 29		Apt Elev 36

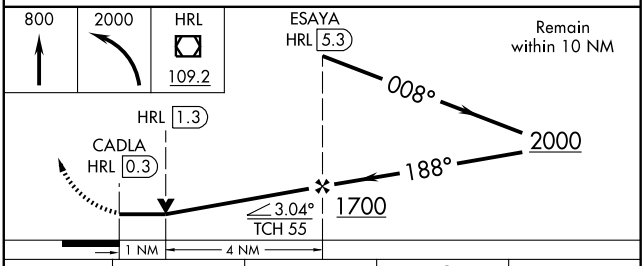
VOR/DME RWY 17L

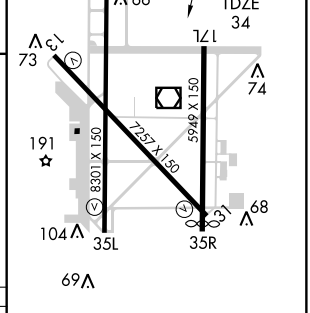
HARLINGEN/ VALLEY INTL (HRL)

MISSED APPROACH: Climb to 800 then climbing left turn to 2000 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) 317.6	121.7	122.95







CATEGORY	A	B	C	D
S-17L	400-1 366 (400-1)			400-1¼ 366 (400-1¼)
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

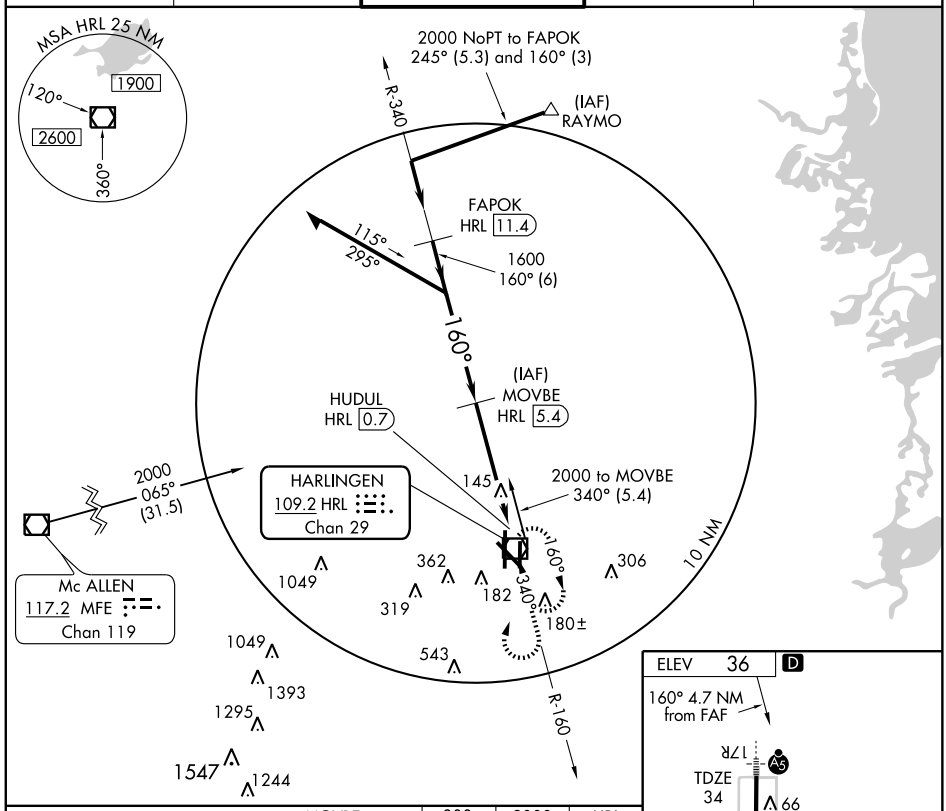
VOR/DME HRL	APP CRS	Rwy Idg	8301
109.2	160°	TDZE	34
Chan 29		Apt Elev	36

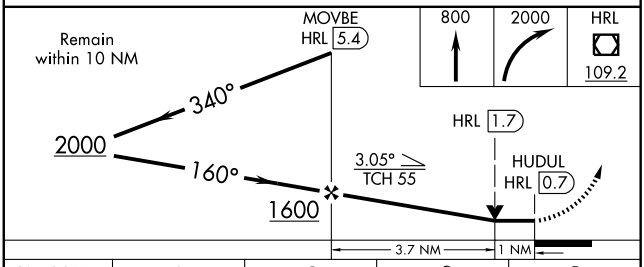
VOR/DME RWY 17R

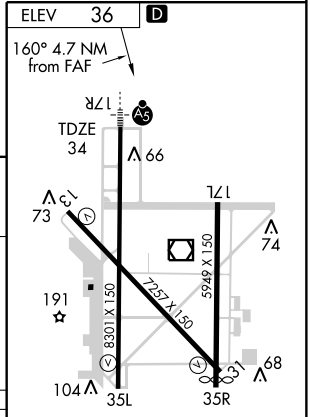
HARLINGEN/ VALLEY INTL (HRL)

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95







CATEGORY	A	B	C	D
S-17R	400/24 366 (400-½)			400/50 366 (400-1)
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

MIRL Rwys 13-31 and 17L-35R
HIRL Rwy 17R-35L
REIL Rwys 13 and 17L

SC-3, 17 DEC 2009 to 14 JAN 2010

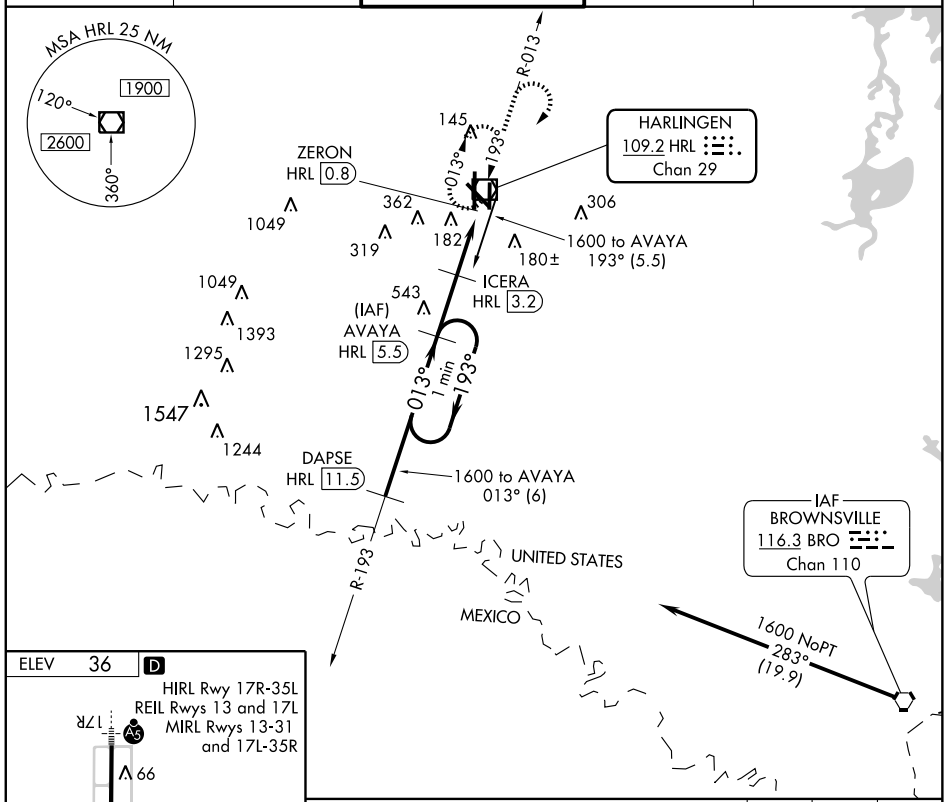
VOR/DME HRL	APP CRS	Rwy Idg	8301
109.2	013°	TDZE	36
Chan 29		Apt Elev	36

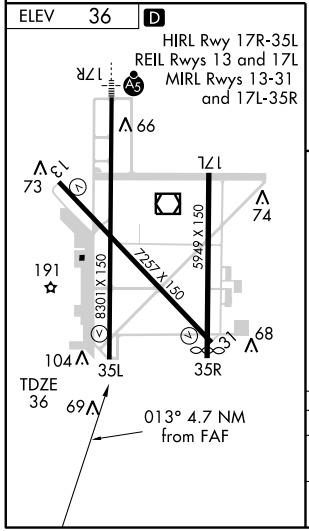
VOR/DME RWY 35L

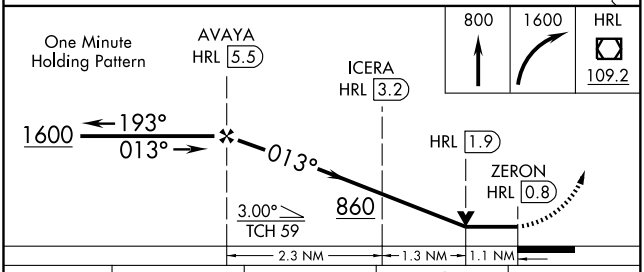
HARLINGEN/ VALLEY INTL (HRL)

MISSED APPROACH: Climb to 800 then climbing right turn to 1600 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) Ⓛ 317.6	121.7	122.95







CATEGORY	A	B	C	D
S-35L	440-1 404 (500-1)		440-1¼ 404 (500-1¼)	
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

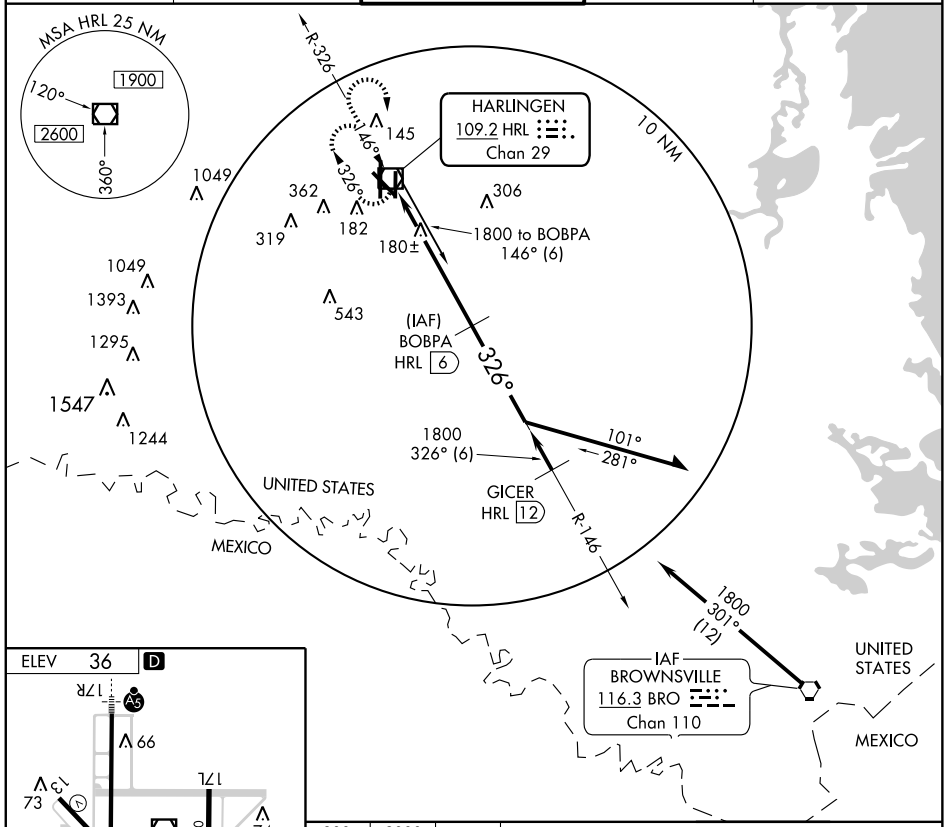
VOR/DME HRL 109.2 Chan 29	APP CRS 326°	Rwy Idg 7257 TDZE 36 Apt Elev 36

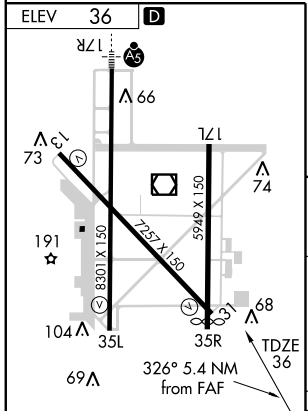
VOR/DME Z RWY 31

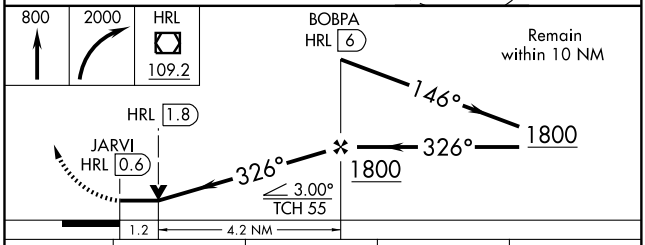
HARLINGEN/ VALLEY INTL (HRL)

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct HRL VOR/DME and hold.

ATIS	VALLEY APP CON	HARLINGEN TOWER ★	GND CON	UNICOM
124.85	120.7 239.0	119.3 (CTAF) L 317.6	121.7	122.95







CATEGORY	A	B	C	D
S-31	480-1 444 (500-1)		480-1¼ 444 (500-1¼)	
CIRCLING	500-1 464 (500-1)		500-1½ 464 (500-1½)	680-2 644 (700-2)

HIRL Rwy 17R-35L
REIL Rwys 13 and 17L
MIRL Rwys 13-31 and 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB AKL	APP CRS	Rwy Idg	3204
407	185°	TDZE	1623
		Apt Elev	1624

NDB or GPS RWY 18

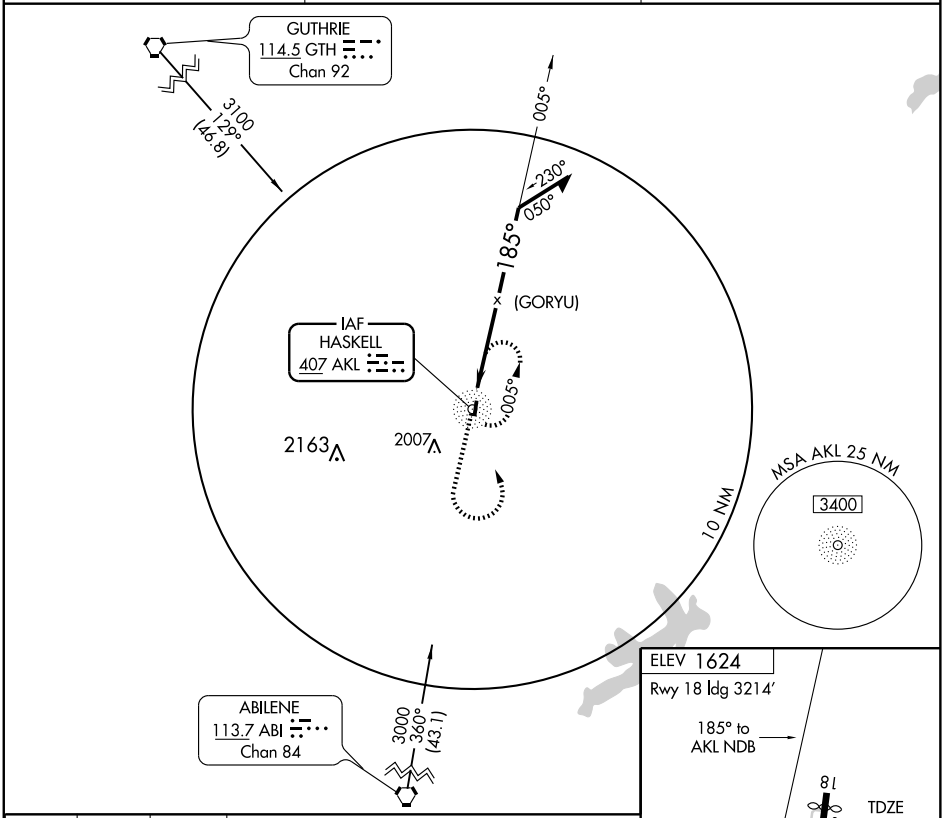
HASKELL MUNI (15F)

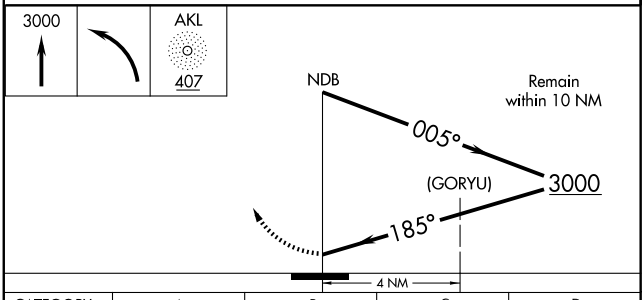
Use Abilene altimeter setting.

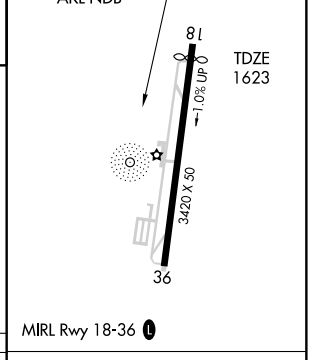
NA

MISSED APPROACH: Climb to 3000, then left turn direct AKL NDB and hold.

FORT WORTH CENTER	CTAF	122.8 L
133.5 350.35	122.9	







CATEGORY	A	B	C	D
S-18	2360-1	737 (800-1)	NA	
CIRCLING	2360-1	736 (800-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5003
128°	TDZE	661
	Apt Elev	663

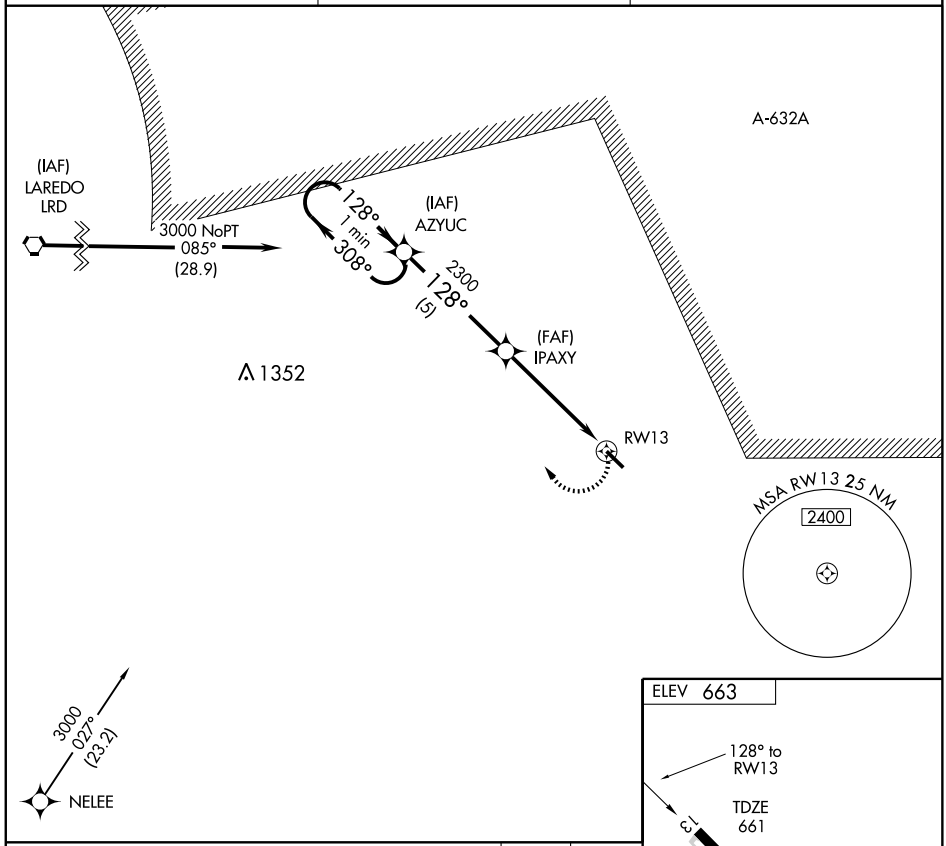
GPS RWY 13

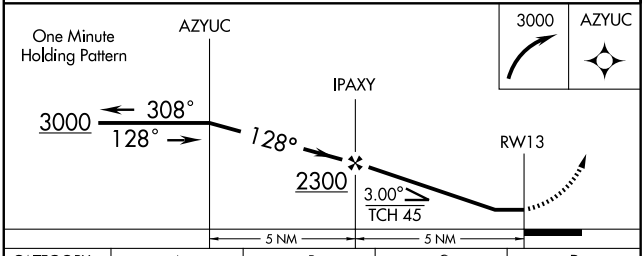
HEBBRONVILLE/ JIM HOGG COUNTY (HBV)

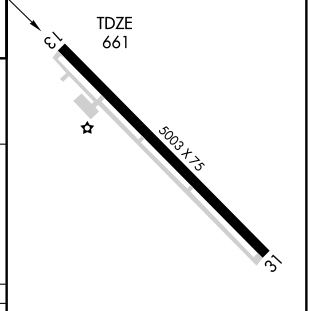
⚠ NA — Use Laredo Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 direct AZYUC WP and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	127.8 307.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-13	1220-1	559 (600-1)	1220-1½ 559 (600-1½)	NA
CIRCLING	1240-1	577 (600-1)	1260-1½ 597 (600-1½)	NA

MIRL Rwy 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB HBV	APP CRS	Rwy Idg	5003
266	139°	TDZE	661
		Apt Elev	663

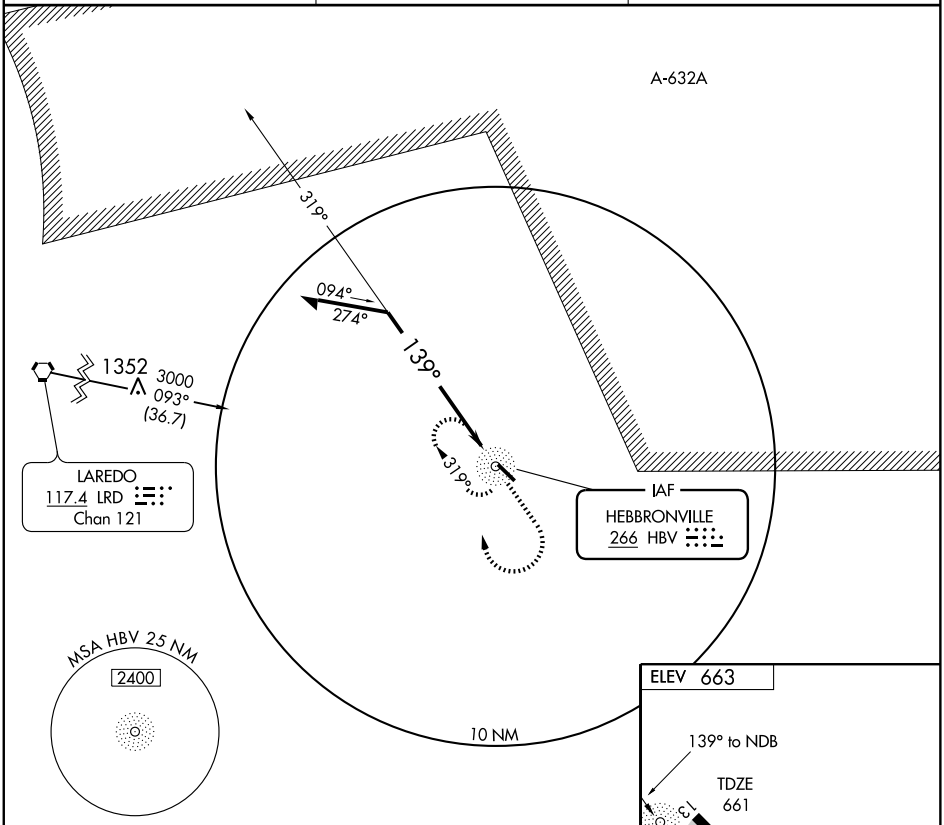
NDB RWY 13

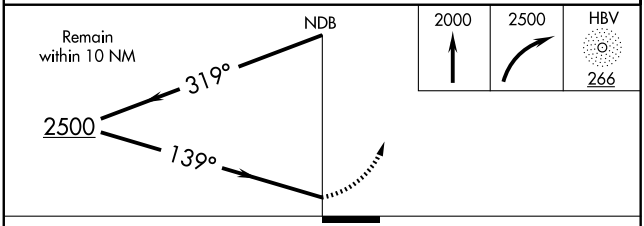
HEBBRONVILLE/JIM HOGG COUNTY (HBV)

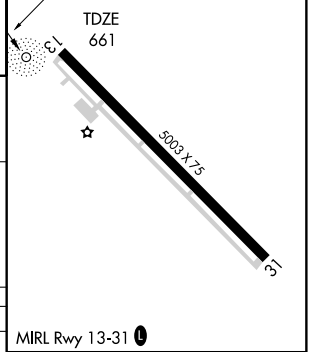
NA — Use Laredo Intl altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 2500 direct HBV NDB and hold

AWOS-3	HOUSTON CENTER	UNICOM
118.075	127.8 307.2	122.8 (CTAF) L







MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-13	1400-1	739 (800-1)	1400-2 739 (800-2)	NA
CIRCLING	1400-1	737 (800-1)	1400-2 737 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3. 17 DEC 2009 to 14 JAN 2010

NDB HNO 371	APP CRS 164°	Rwy Idg NA TDZE NA Apt Elev 442

NDB-B

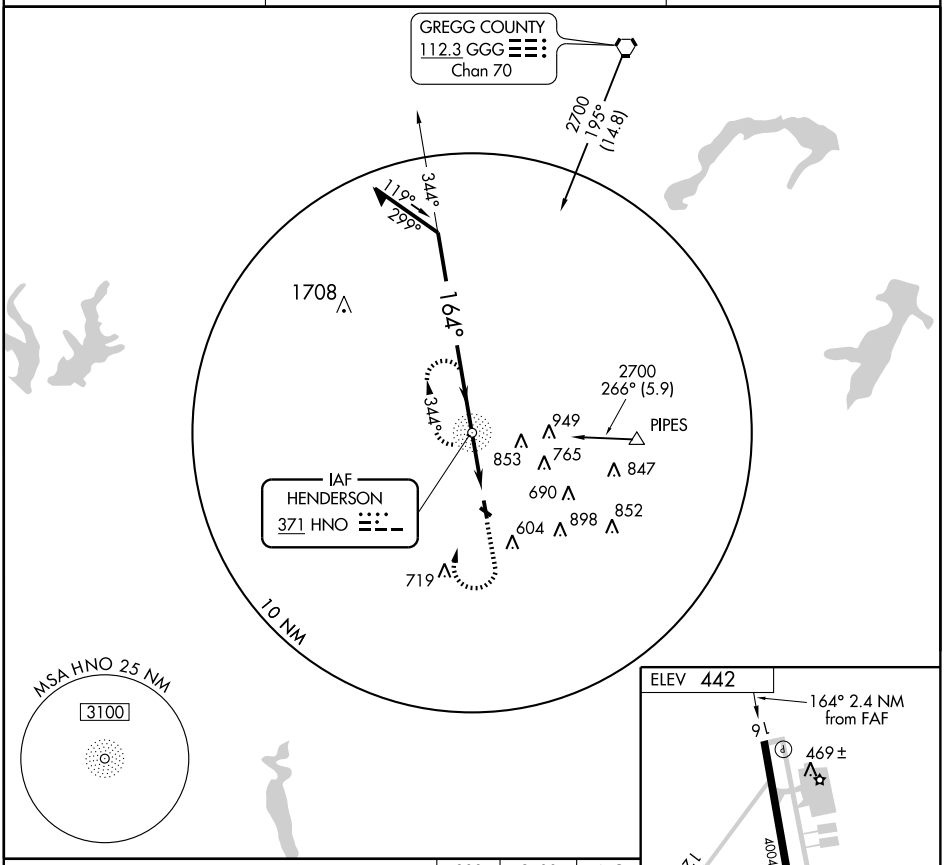
HENDERSON/ RUSK COUNTY (RFI)

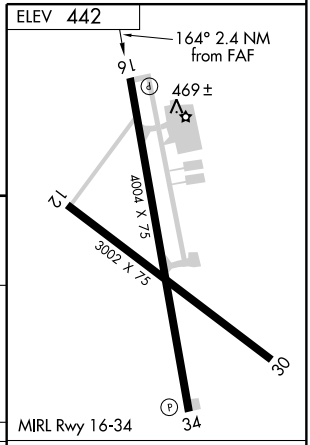
NA

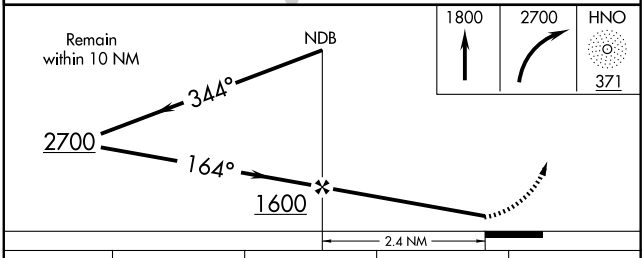
Use East Texas Rgnl altimeter setting; when not received, procedure not authorized.

MISSED APPROACH: Climb to 1800 then climbing right turn to 2700 direct HNO NDB and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
119.375	118.25 270.3	122.8 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1080-1	638 (700-1)	1080-1¾ 638 (700-1¾)	NA

FAF to MAP 2.4 NM

Knots	60	90	120	150	180
Min:Sec	2:24	1:36	1:12	0:58	0:48

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4004
164°	TDZE	442
	Apt Elev	442

RNAV (GPS) RWY 16

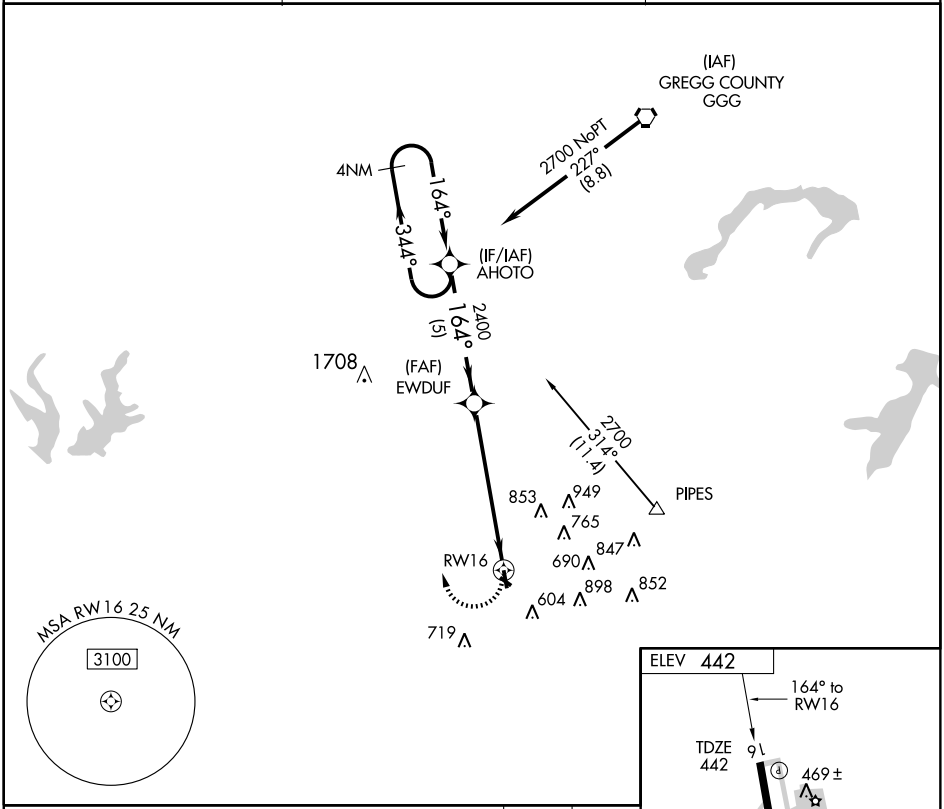
HENDERSON/ RUSK COUNTY (RFI)

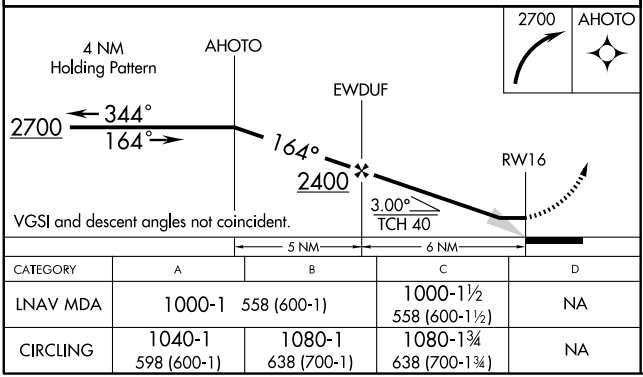
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. Use East Texas Rgnl altimeter setting; when not received, procedure not authorized.

NA

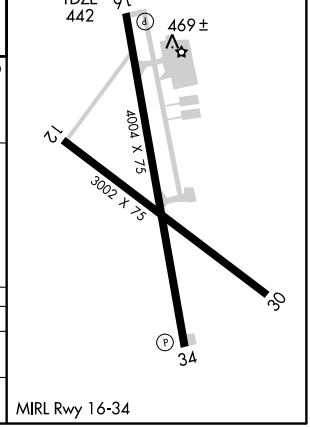
MISSED APPROACH: Climbing right turn to 2700 direct AHOTO WP and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
119.375	118.25 270.3	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	1000-1 558 (600-1)		1000-1½ 558 (600-1½)	NA
CIRCLING	1040-1 598 (600-1)	1080-1 638 (700-1)	1080-1¾ 638 (700-1¾)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC GGG	APP CRS	Rwy Idg	NA
112.3	190°	TDZE	NA
Chan 70		Apt Elev	442

VOR/DME-A

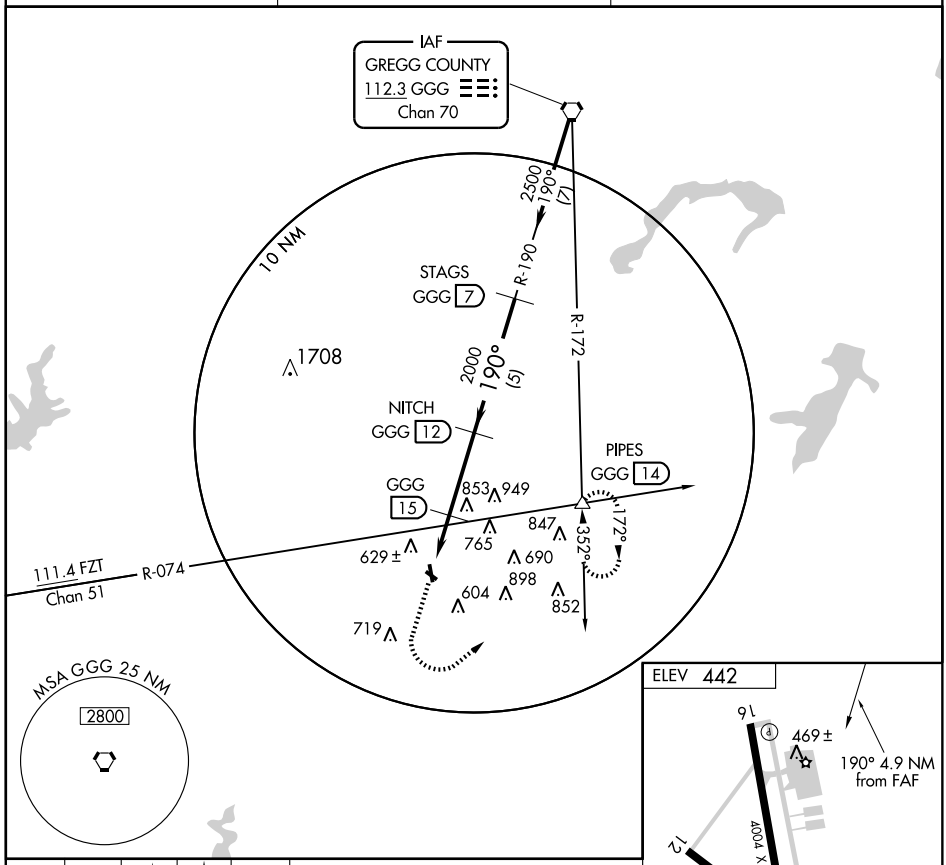
HENDERSON/ RUSK COUNTY (RFI)

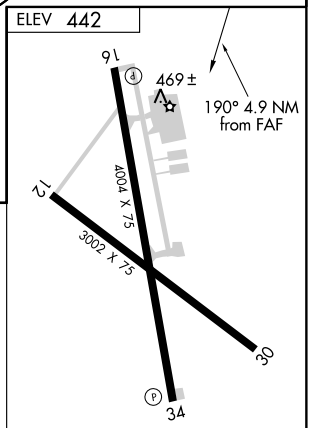
Use East Texas Rgnl altimeter setting; when not received, procedure not authorized.

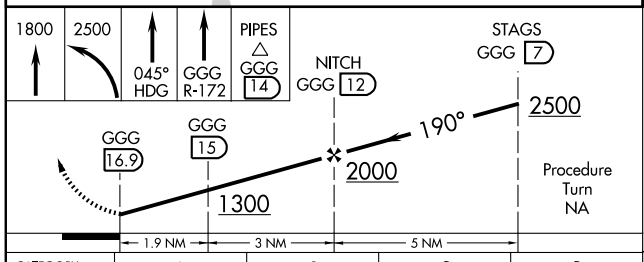
NA

MISSED APPROACH: Climb to 1800 then climbing left turn to 2500 via heading 045° and GGG R-172 to PIPES Int/14 DME and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
119.375	118.25 270.3	122.8 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1220-1 778 (800-1)	1220-1½ 778 (800-1½)	1220-2¼ 778 (800-2¼)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

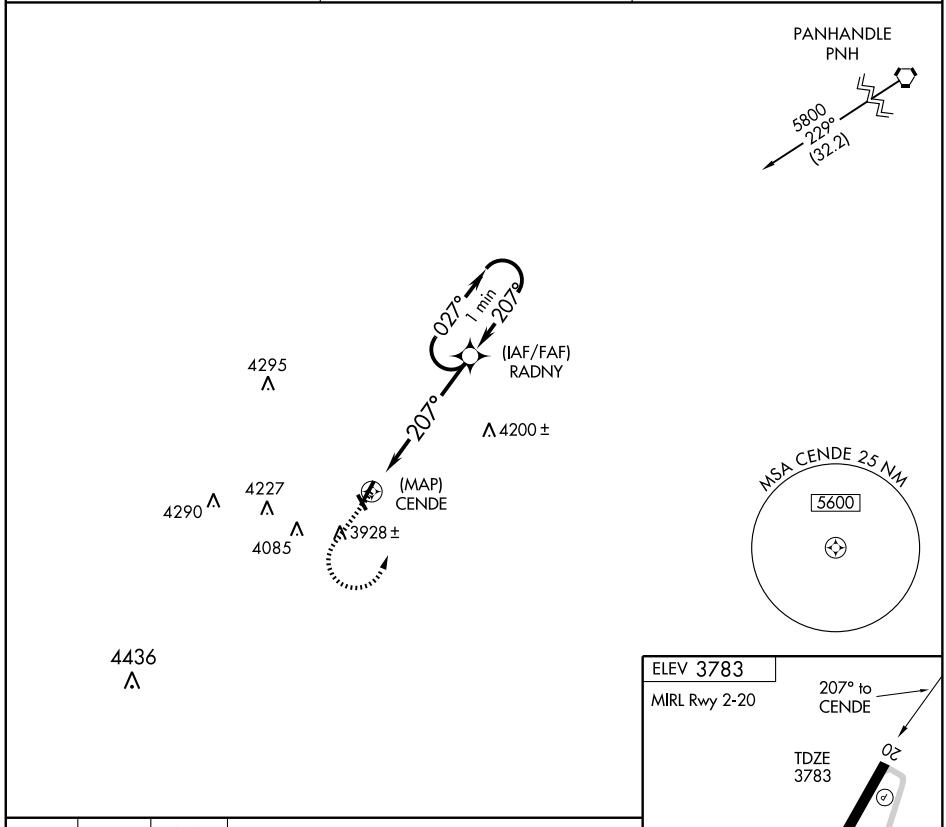
APP CRS		
207°	Rwy Idg	6100
	TDZE	3783
	Apt Elev	3783

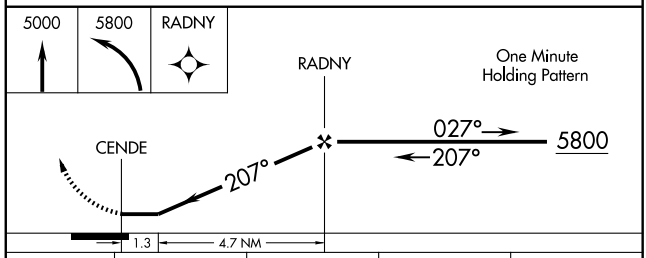
GPS RWY 20
HEREFORD MUNI (HRX)

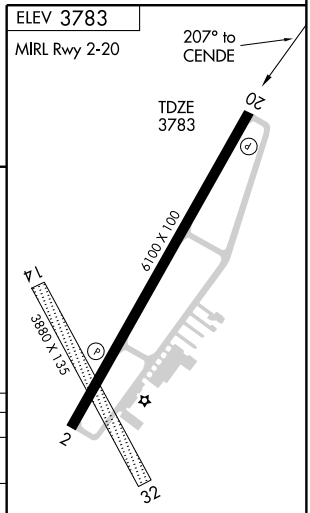
NA Use Rick Husband Amarillo Intl altimeter setting.

MISSED APPROACH: Climb to 5000 then climbing left turn to 5800 direct RADNY WP and hold.

AWOS-3	AMARILLO APP CON★	UNICOM
118.05	119.5 307.0	122.8 (CTAF)







CATEGORY	A	B	C	D
S-20	4260-1	477 (500-1)	4260-1¼ 477 (500-1¼)	4260-1½ 477 (500-1½)
CIRCLING	4340-1	557 (600-1)	4340-1½ 557 (600-1½)	4400-2 617 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB HRX	APP CRS	Rwy Idg	6100
341	201°	TDZE	3783
		Apt Elev	3783

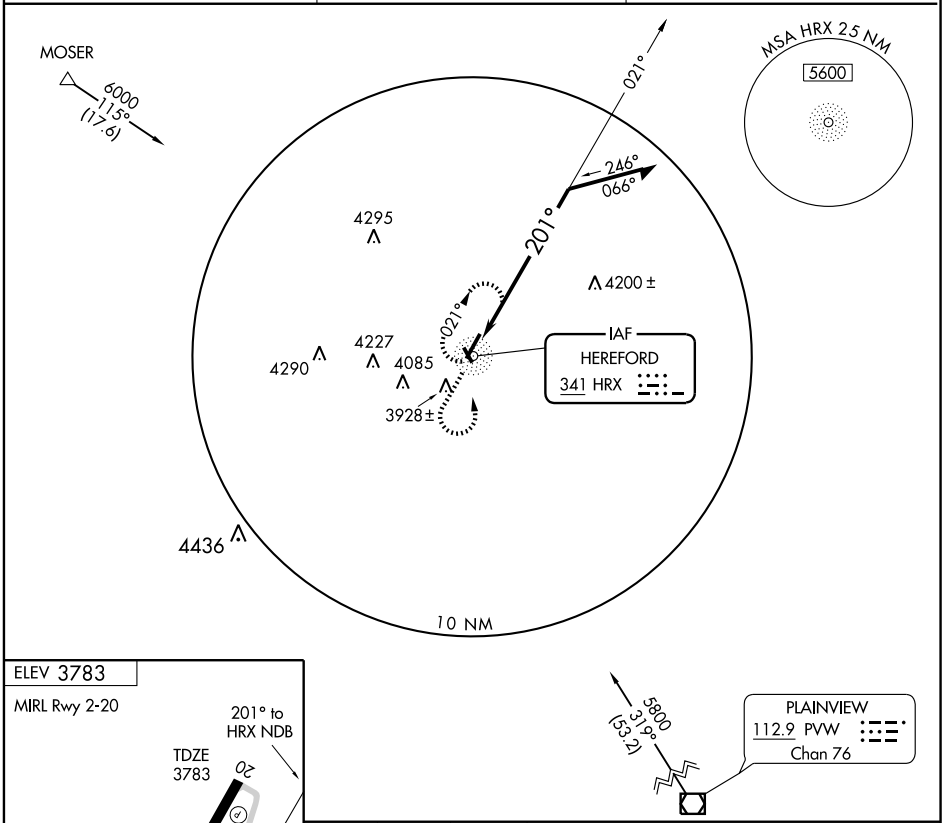
NDB RWY 20

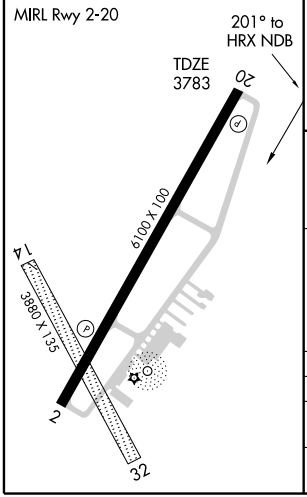
HEREFORD MUNI (HRX)

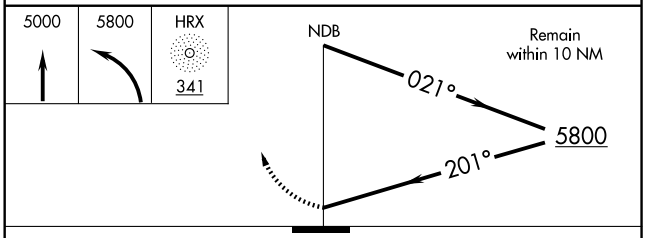
NA Use Rick Husband Amarillo Intl altimeter setting.

MISSED APPROACH: Climb to 5000 then climbing left turn to 5800 direct HRX NDB and hold.

AWOS-3	AMARILLO APP CON★	UNICOM
118.05	119.5 307.0	122.8 (CTAF)







CATEGORY	A	B	C	D
S-20	4420-1	637 (700-1)	4420-1¾ 637 (700-1¾)	4420-2 637 (700-2)
CIRCLING	4420-1	637 (700-1)	4420-1¾ 637 (700-1¾)	4440-2 657 (700-2)

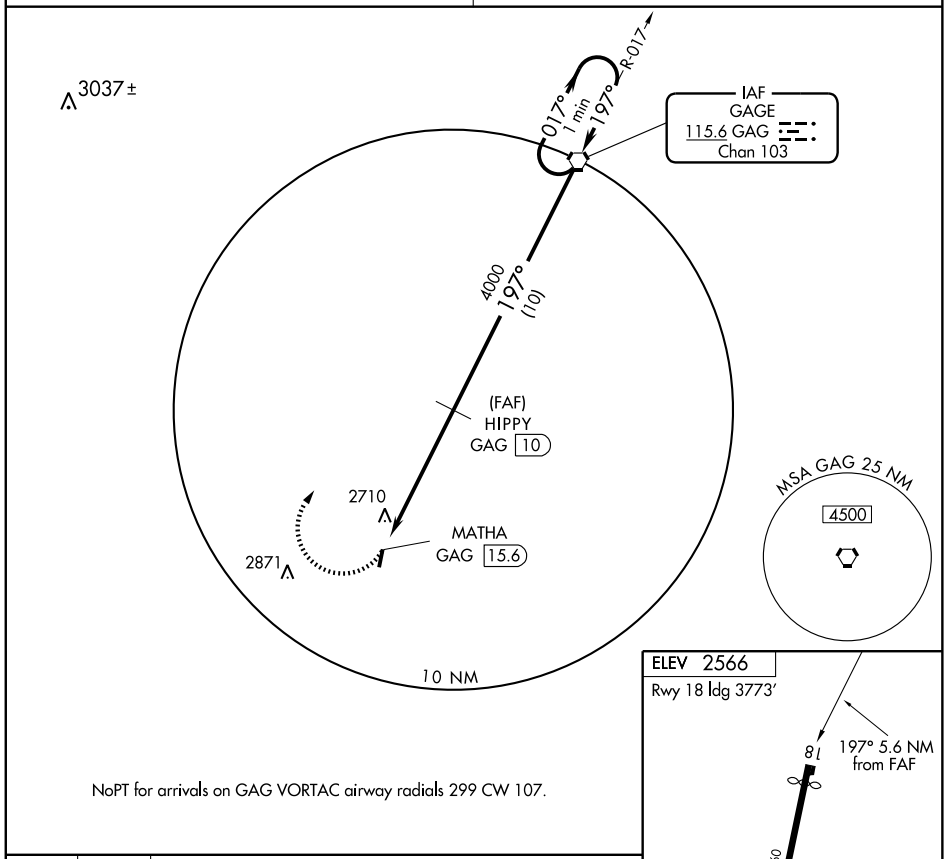
SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC GAG 115.6 Chan 103	APP CRS 197°	Rwy Idg N/A TDZE N/A Apt Elev 2566

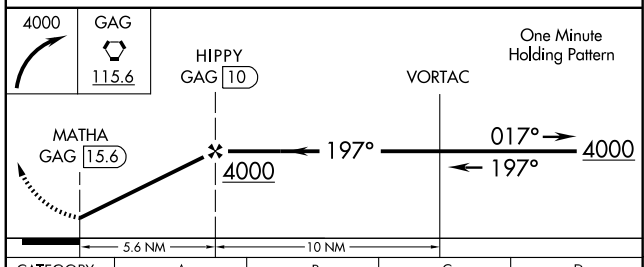
VOR/DME-A

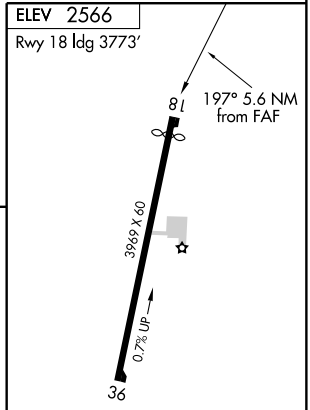
HIGGINS-LIPSCOMB COUNTY (1X1)

⚠ NA Use Gage, OK altimeter setting. If not received, procedure not authorized. Procedure not authorized at night.	MISSED APPROACH: Climbing right turn to 4000 direct GAG VORTAC and hold.
KANSAS CITY CENTER 126.95 379.2	CTAF 122.9 L



NoPT for arrivals on GAG VORTAC airway radials 299 CW 107.





LIRL Rwy 18-36 L

CATEGORY	A	B	C	D
CIRCLING	3160-1 594 (600-1)		3160-1½ 594 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3998
CH 40308	156°	TDZE	686
W16A		Apt Elev	686

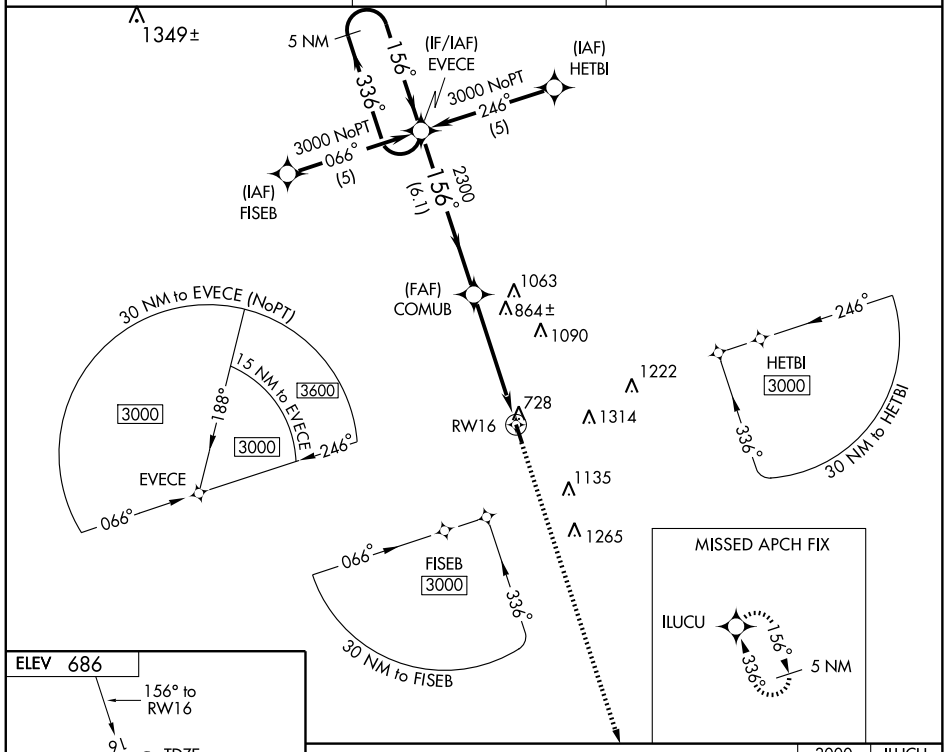
RNAV (GPS) RWY 16
HILLSBORO MUNI (INJ)

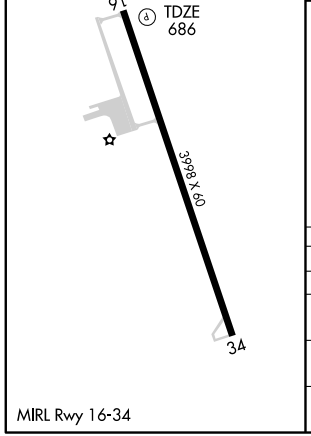
Baro-VNAV NA when using Cleburne Muni altimeter setting. DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F).

Visibility reduction by helicopters NA. When local altimeter setting not received use Cleburne Muni altimeter setting and increase all DA/MDA 80 feet, increase LPV and LNAV/VNAV visibility ¼ mile all Cats.

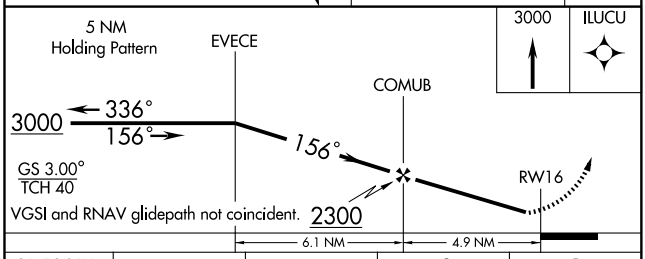
MISSED APPROACH: Climb to 3000 direct ILUCU and hold.

AWOS-3	WACO APP CON	CTAF
118.725	135.2 352.0	122.9





MIRL Rwy 16-34



CATEGORY	A	B	C	D
LPV DA	936-1 250 (300-1)		NA	
LNAV/ VNAV DA	1128-1½ 442 (500-1½)		NA	
LNAV MDA	1120-1 434 (500-1)		NA	
CIRCLING	1180-1 494 (500-1)	1200-1 514 (600-1)	NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

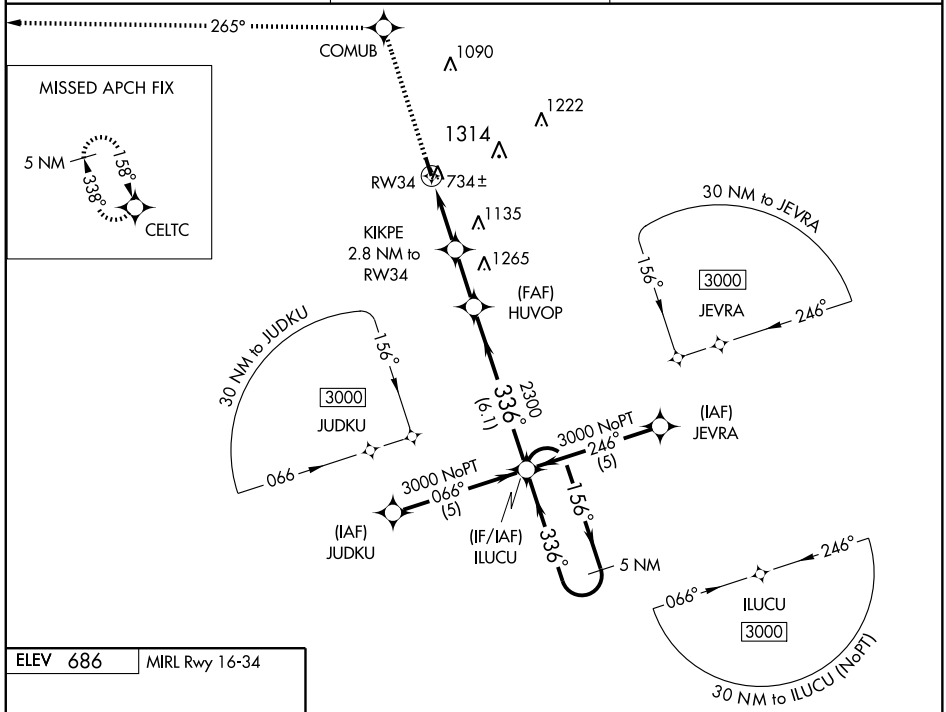
WAAS	APP CRS	Rwy Idg	3998
CH 65908	336	TDZE	684
W34A		Apt Elev	686

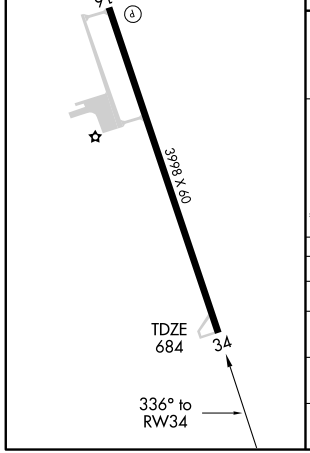
RNAV (GPS) RWY 34
HILLSBORO MUNI (INJ)

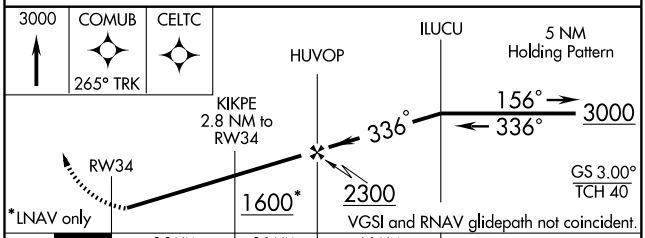
Baro-VNAV NA when using Celburne Muni altimeter setting. DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Visibility reduction by helicopters NA. When local altimeter setting not received use Cleburne Muni altimeter setting and increase all DA/MDA 80 feet, increase LPV and LNAV/VNAV visibility ¼mile all Cats.

MISSED APPROACH: Climb to 3000 direct COMUB and via 265° track to CELTC and hold.

AWOS-3	WACO APP CON	CTAF
118.725	135.2 352.0	122.9







CATEGORY	A	B	C	D
LPV DA	934-1 250 (300-1)		NA	
LNAV/VNAV DA	1004-1¼ 320 (400-1¼)		NA	
LNAV MDA	1320-1 636 (700-1)		NA	
CIRCLING	1320-1 634 (700-1)		NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

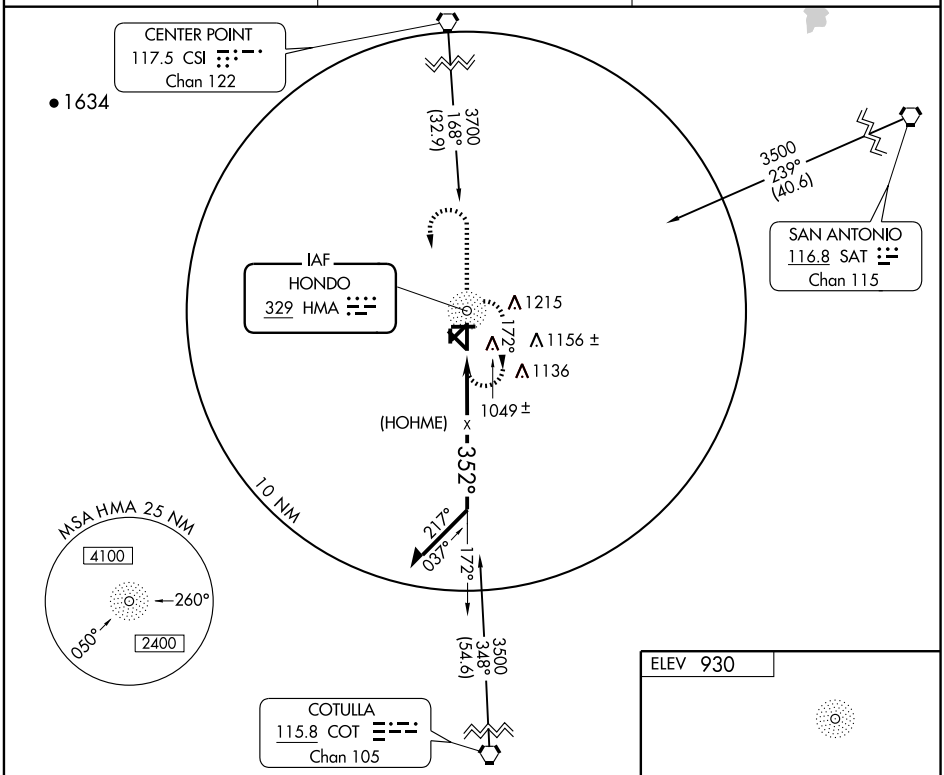
NDB HMA	APP CRS	Rwy Idg	5624
329	352°	TDZE	912
		Apt Elev	930

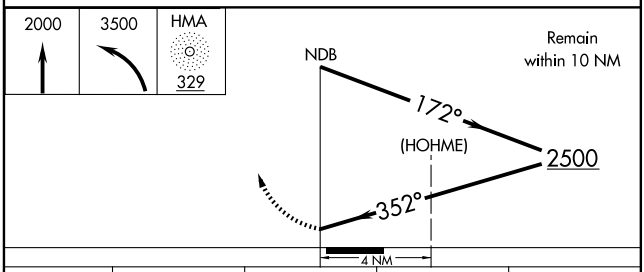
NDB or GPS RWY 35R
HONDO MUNI (HDO)

NA

MISSED APPROACH: Climb to 2000 then climbing left turn to 3500 direct to HMA NDB and hold.

ASOS	HOUSTON CENTER	UNICOM
119.675	134.95 269.4	122.725 (CTAF)





CATEGORY	A	B	C	D
S-35R	1460-1	548 (600-1)	1460-1½ 548 (600-1½)	1460-1¾ 548 (600-1¾)
CIRCLING	1460-1	530 (600-1)	1580-1¾ 650 (700-1¾)	1580-2 650 (700-2)

HONDO, TEXAS

AL-195 (FAA)

RNAV (GPS) RWY 17L

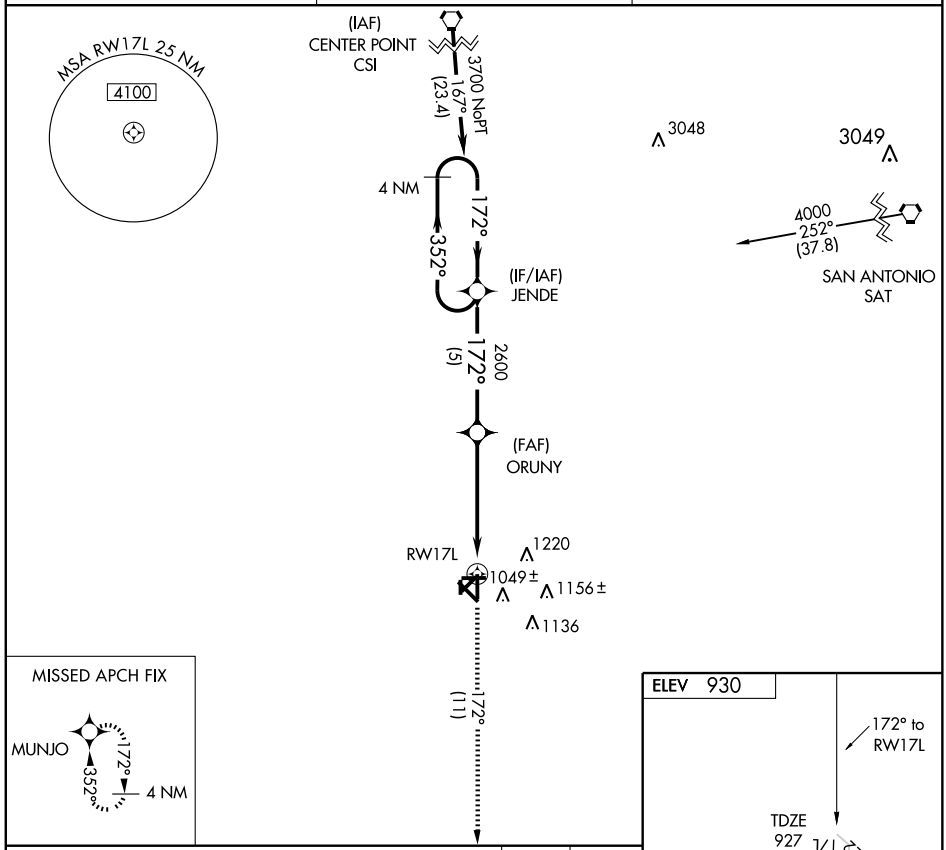
HONDO MUNI (HDO)

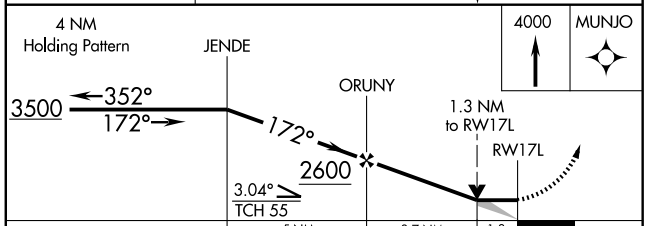
APP CRS	Rwy Idg	5624
172°	TDZE	927
	Apt Elev	930

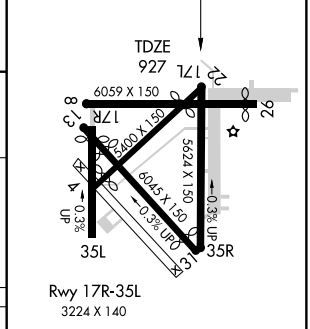
NA DME/DME RNP - 0.3 NA.

MISSED APPROACH: Climb to 4000 direct MUNJO and hold.

ASOS	HOUSTON CENTER	UNICOM
119.675	134.95 269.4	122.725 (CTAF)





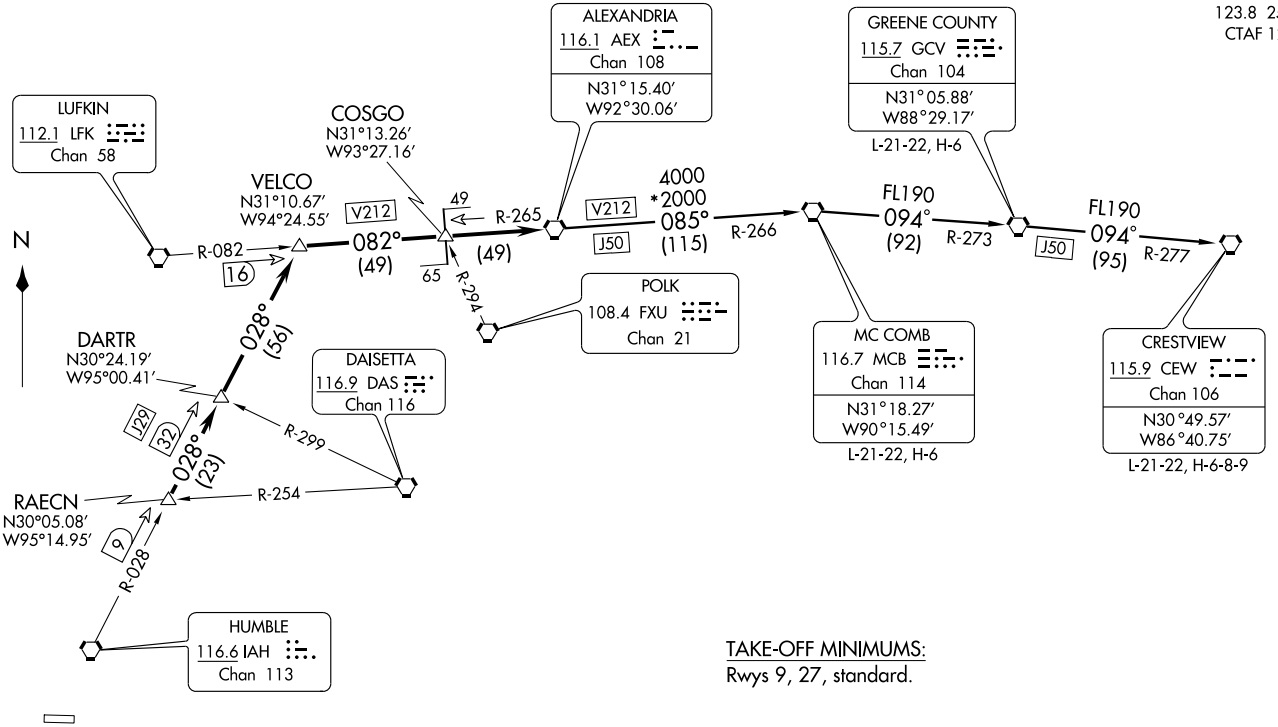


CATEGORY	A	B	C	D
LNAV MDA	1420-1	493 (500-1)	1420-1¼ 493 (500-1¼)	1420-1½ 493 (500-1½)
CIRCLING	1420-1	490 (500-1)	1580-1¾ 650 (700-1¾)	1580-2 650 (700-2)

MIRL Rwy 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF 123.0



TAKE-OFF MINIMUMS:
Rwys 9, 27, standard.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

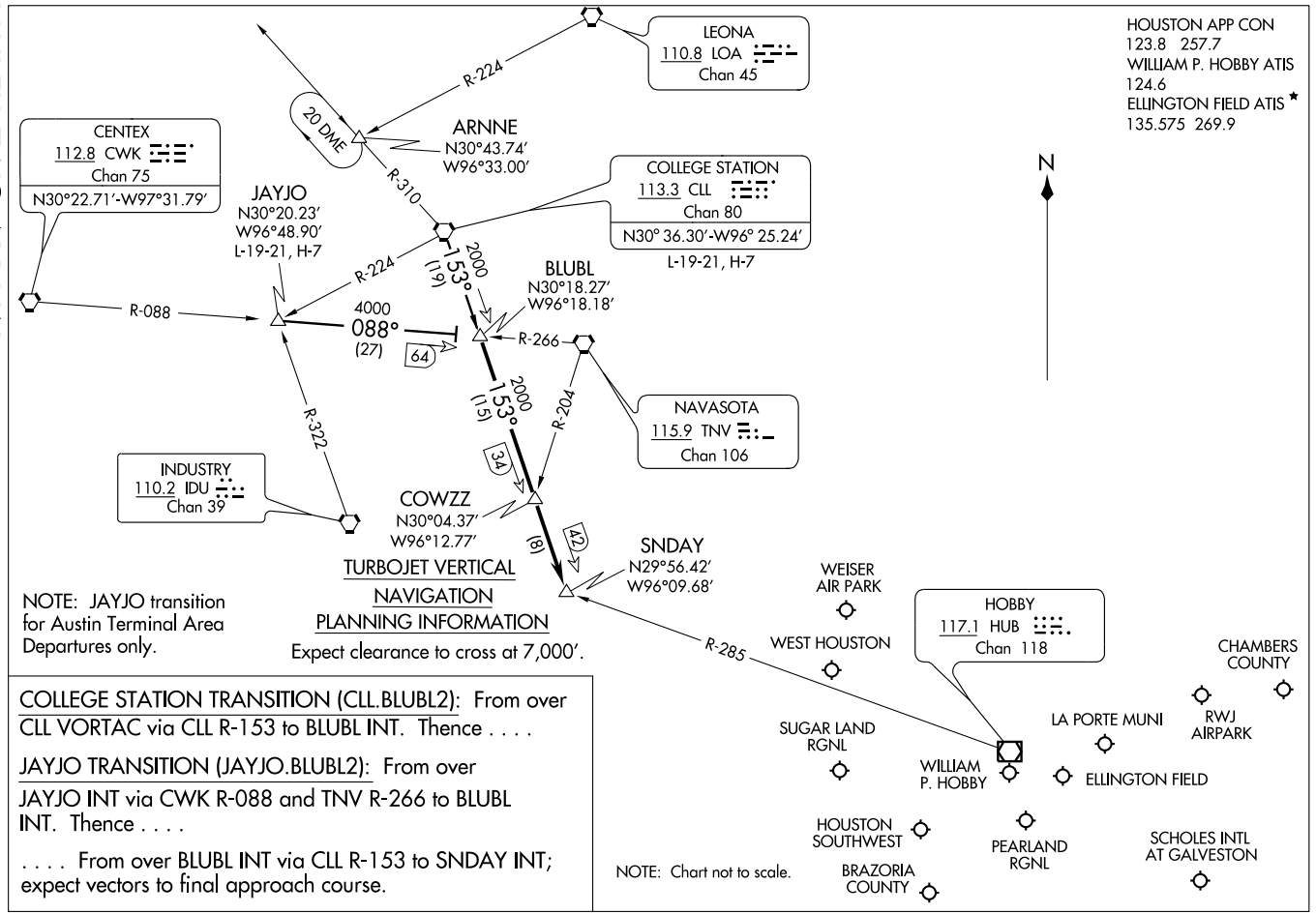
GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL.
Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL.
Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL.
Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL.
Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL.
Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.

Rwy 27, Multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL.
Vehicle and road 99' from DER, 291' right of centerline, 15' AGL/83' MSL.
Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL.
Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

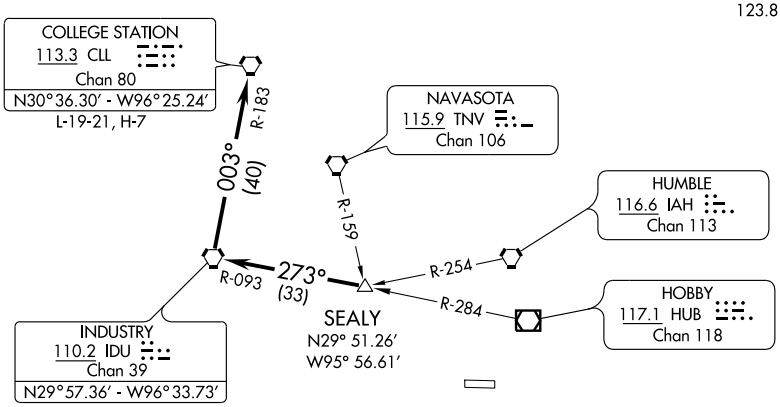
JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-6575 (FAA)

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwys 9, 27 standard.

TAKE-OFF OBSTACLES:
Rwy 9, Multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL. Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL. Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL. Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL. Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL. Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.
Rwy 27, Multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL Vehicle and road 99' from DER, 291' right of centerline, 15' AGL/83' MSL. Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL. Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

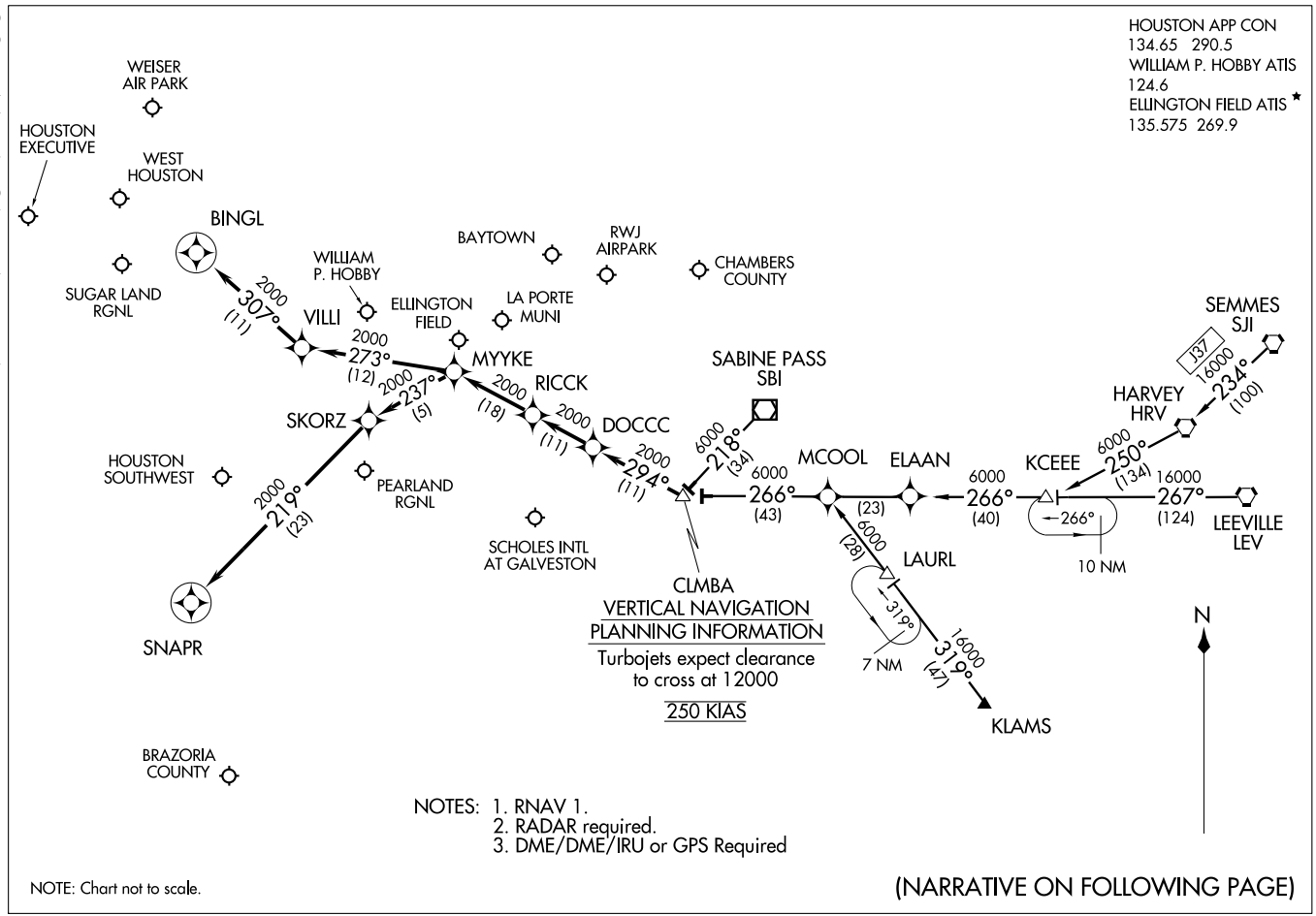
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure, Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

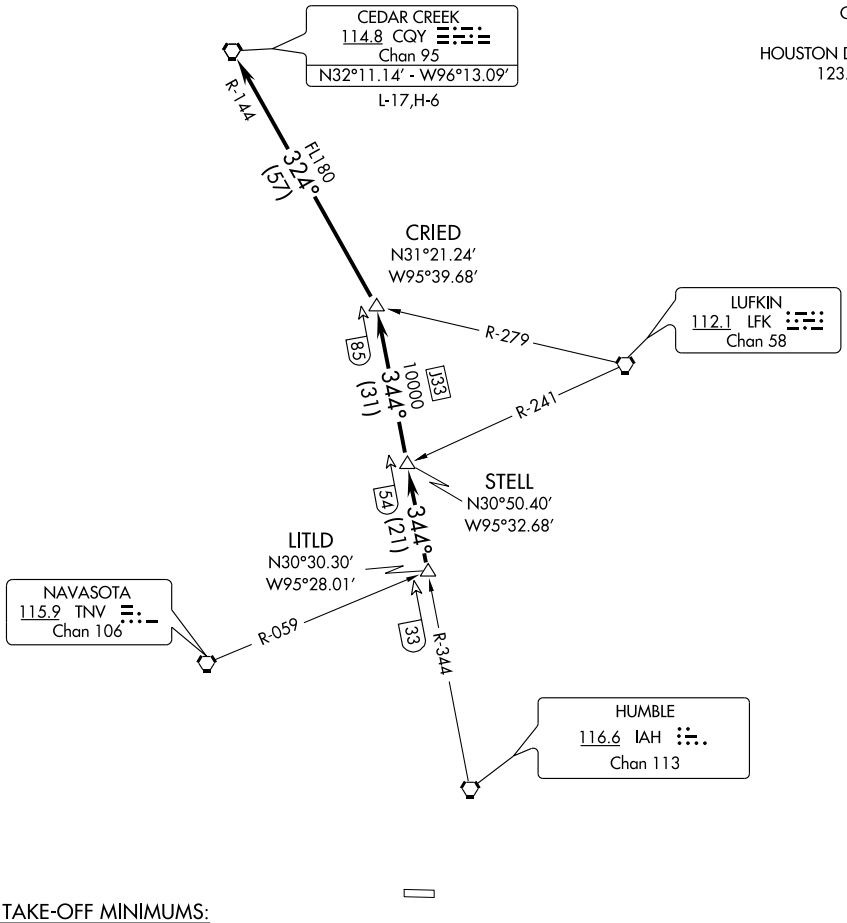
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-6575 (FAA)

HOUSTON-SOUTHWEST (AXH)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:

Rwy 9,27 standard.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL. Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL. Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL. Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL. Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL. Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.

Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL. Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL. Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL. Multiple transmission poles beginning 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

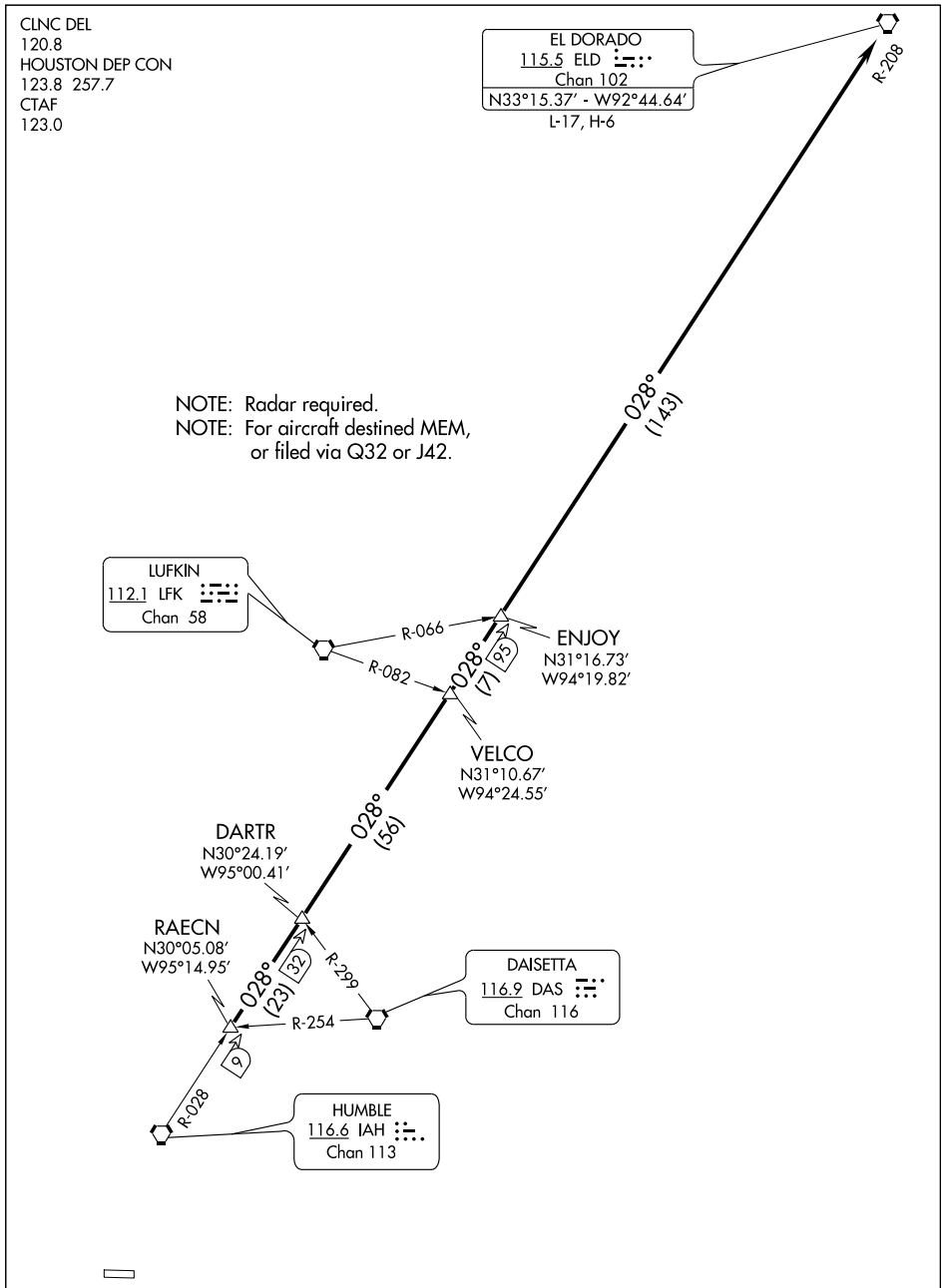
FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE SL-6575 (FAA)



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
Rwy 9, 27, standard.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL. Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL. Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL. Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL. Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL. Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.

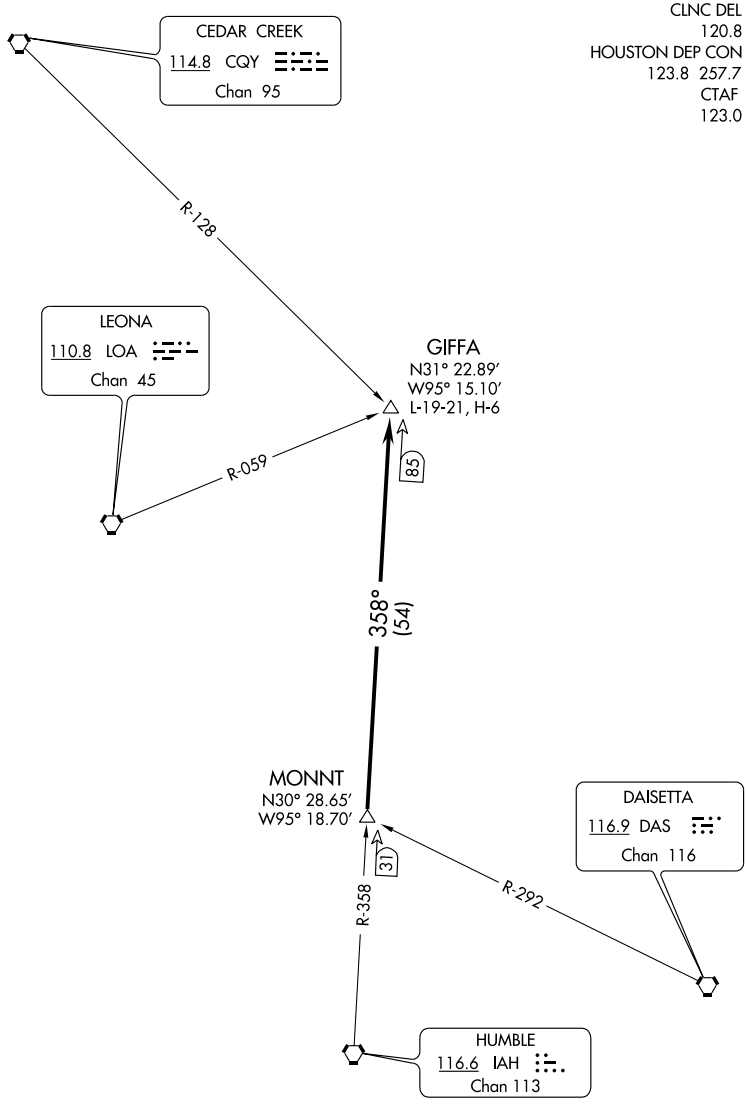
Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL. Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL. Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL. Multiple TRMSN poles begining 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.

GIFFA THREE DEPARTURE

SL-6575 (FAA)

HOUSTON-SOUTHWEST (AXH)
HOUSTON, TEXAS

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF
123.0



NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

TAKE-OFF MINIMUMS:
Rwys 9, 27, standard.

SC-5, 17 DEC 2009 to 14 JAN 2010

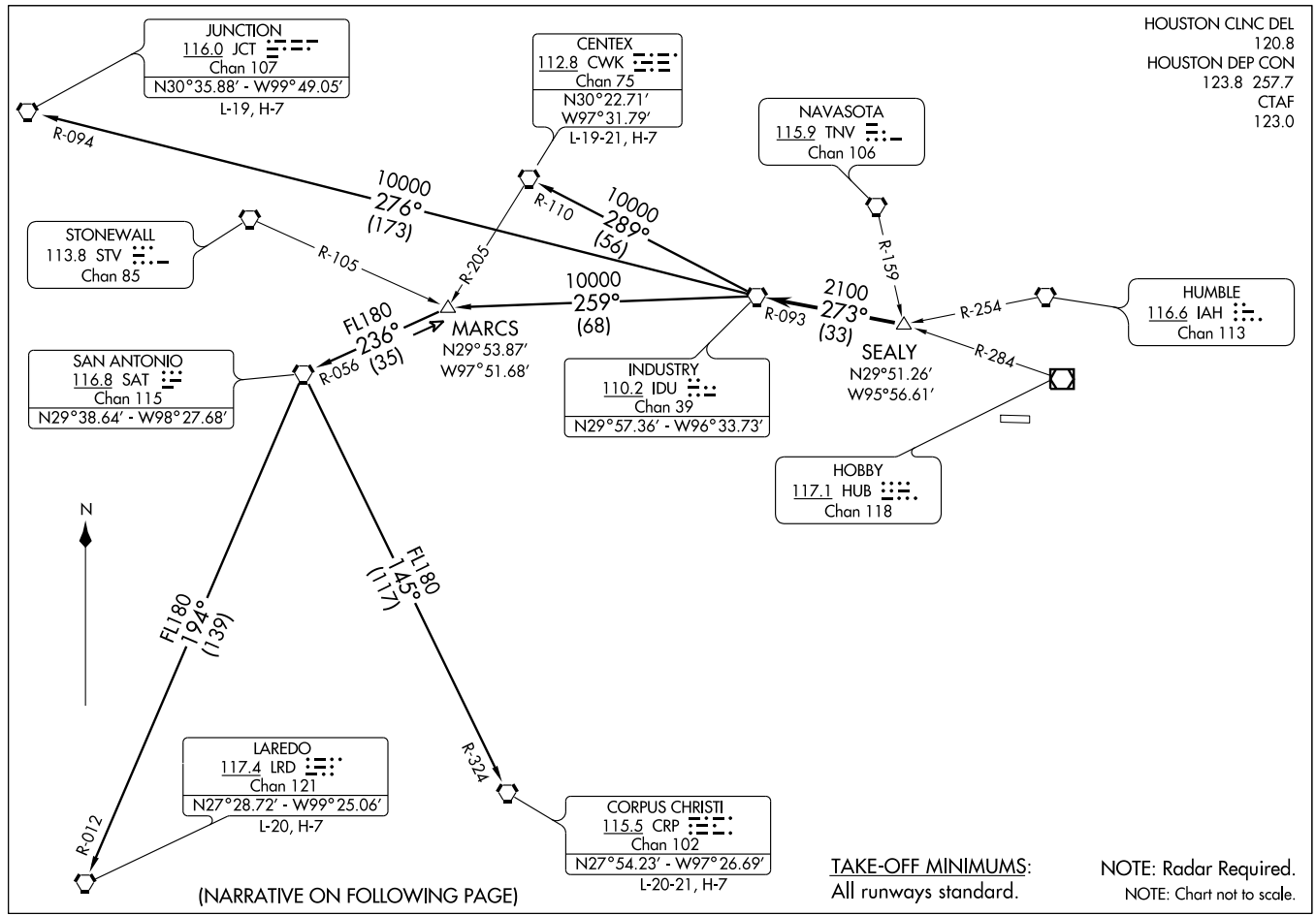
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL.
Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL.
Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL.
Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL.
Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL.
Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.
Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL.
Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL.
Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL.
Multiple transmission poles beginning 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SL-6575 (FAA)

HOUSTON-SOUTHWEST (AXH)

HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

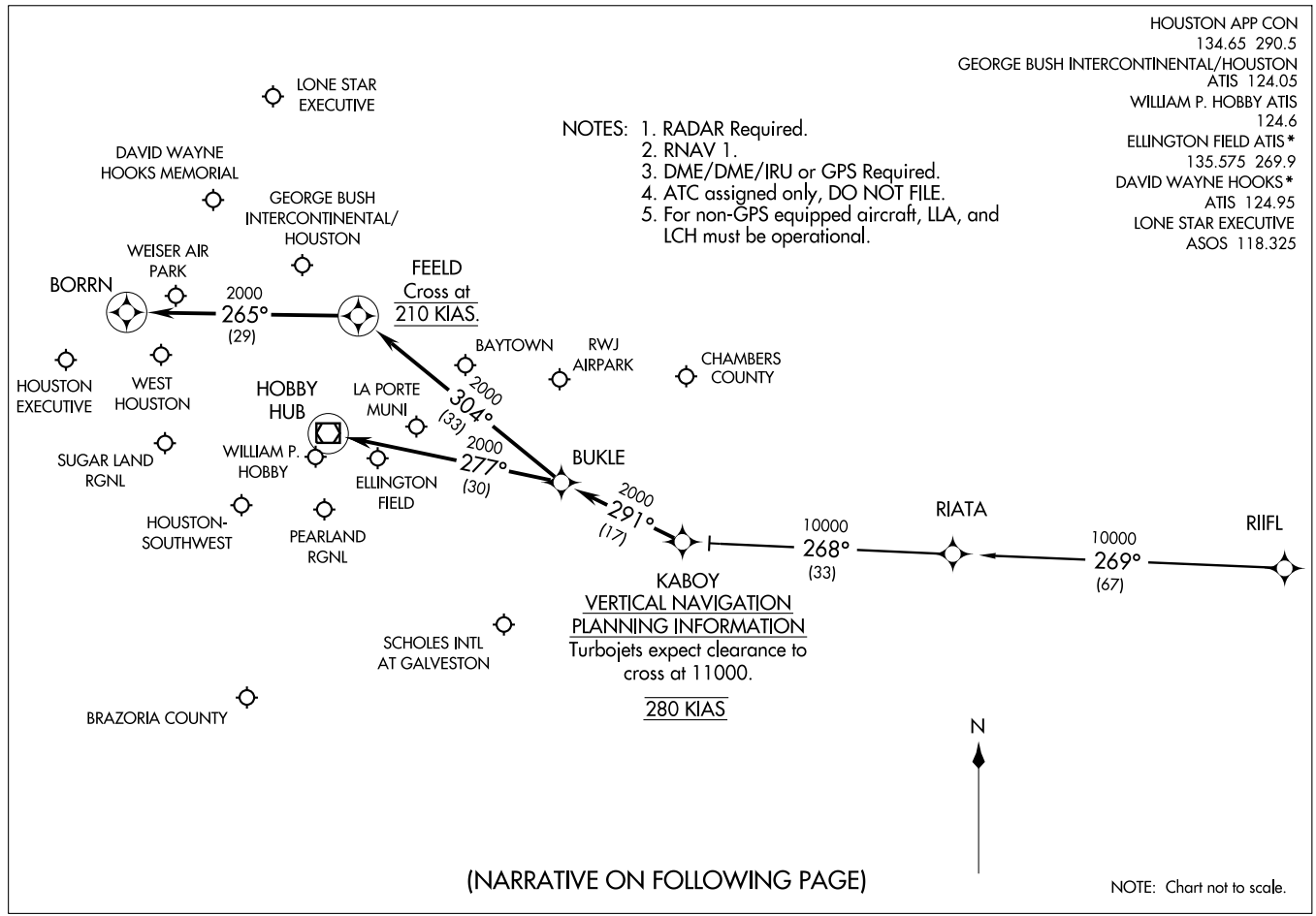
LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:

Rwy 9,
Multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL.
Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL.
Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL.
Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL.
Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL.
Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.

Rwy 27,
Multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL.
Vehicle and road 99' from DER, 291' right of centerline, 15' AGL/83' MSL.
Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL.
Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

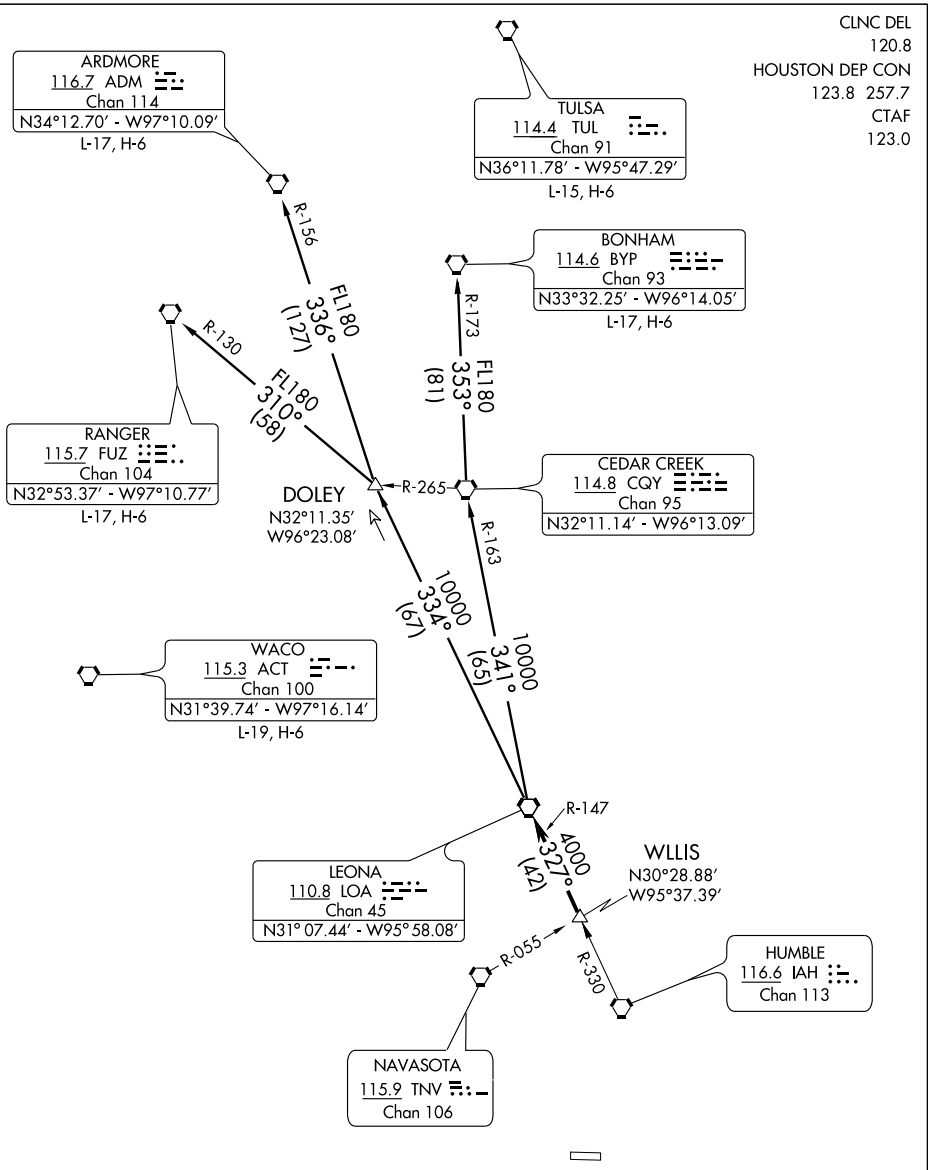
SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-6575 (FAA)

HOUSTON-SOUTHWEST (AXH)
HOUSTON, TEXAS

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwy 9, 27 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

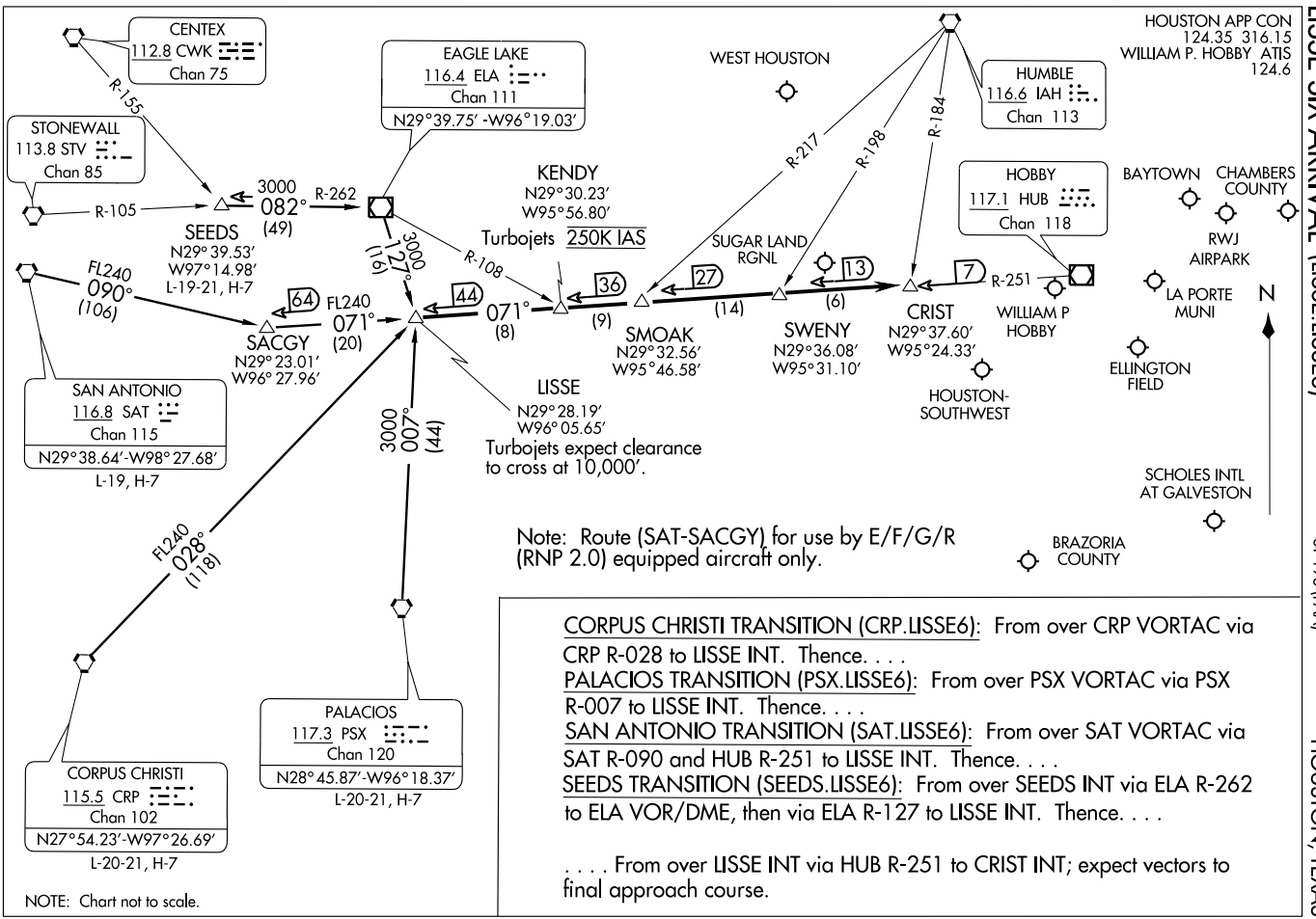
Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL. Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL. Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL. Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL. Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL. Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.

Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL. Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL. Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL. Multiple TRMSN poles beginning 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LOC I-AXH	APP CRS	Rwy Idg	5003
108.9	089°	TDZE	68
Chan 26		Apt Elev	68

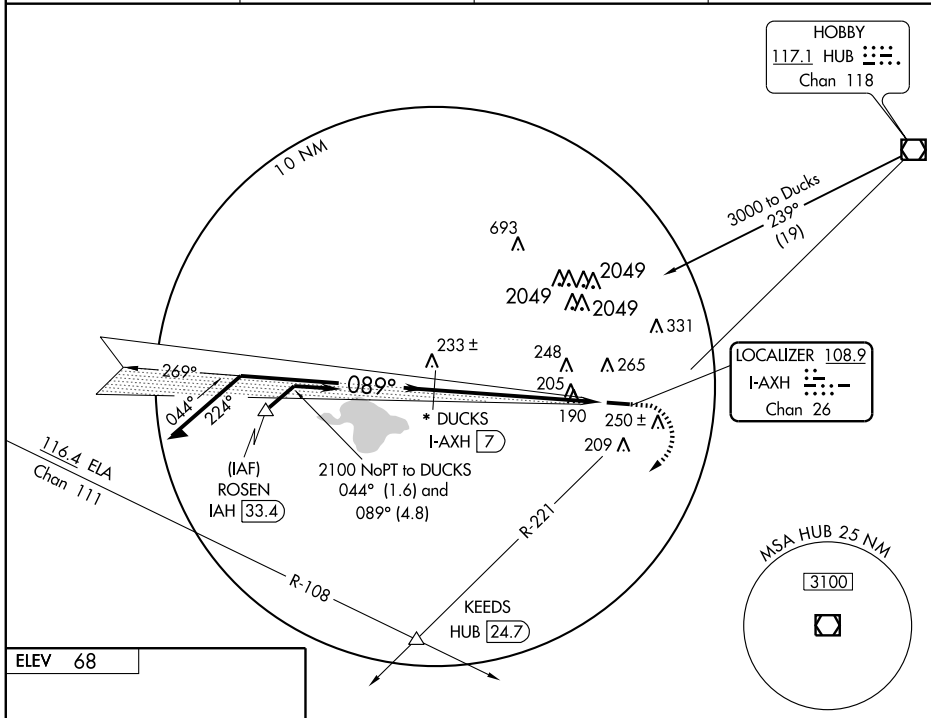
LOC/DME RWY 9
HOUSTON-SOUTHWEST (AXH)

▼ NA

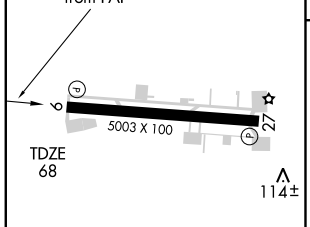
Obtain local altimeter setting on CTAF; when not received use William P. Hobby altimeter setting and increase all MDA's 40 ft.

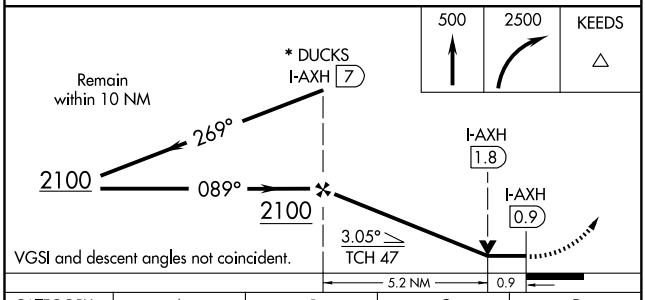
MISSED APPROACH: Climb to 500, then climbing right turn to 2500 via HUB R-221 to KEEDS Int.

AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF)



*Maintain 3000 feet or above until established outbound for procedure turn.





CATEGORY	A	B	C	D
S-9	480-1 412 (500-1)		480-1¼ 412 (500-1¼)	NA
CIRCLING	620-1 552 (600-1)		620-1½ 552 (600-1½)	NA

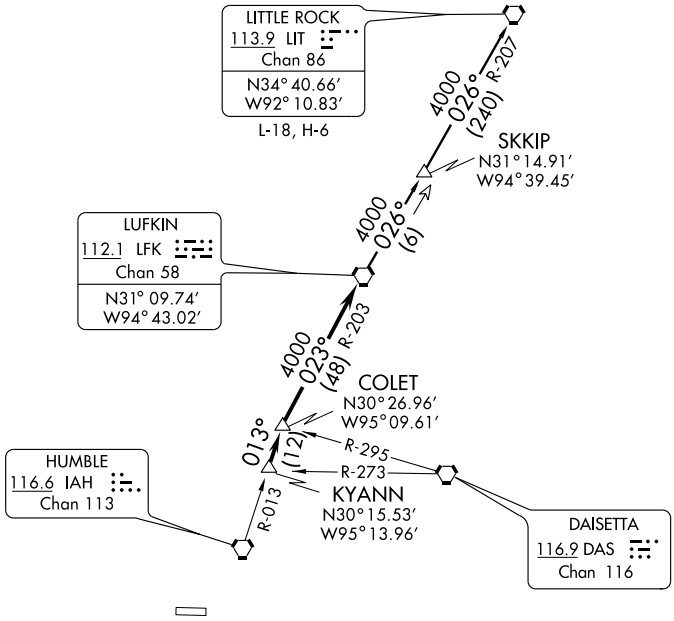
REIL Rwy 9-27
MIRL Rwy 9-27

SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-6575 (FAA)

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwy 9, 27, standard.

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL. Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL. Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL. Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL. Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL. Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.

Rwy 27, Multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL Vehicle and road 99' from DER, 291' right of centerline, 15 AGL/83' MSL. Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL. Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

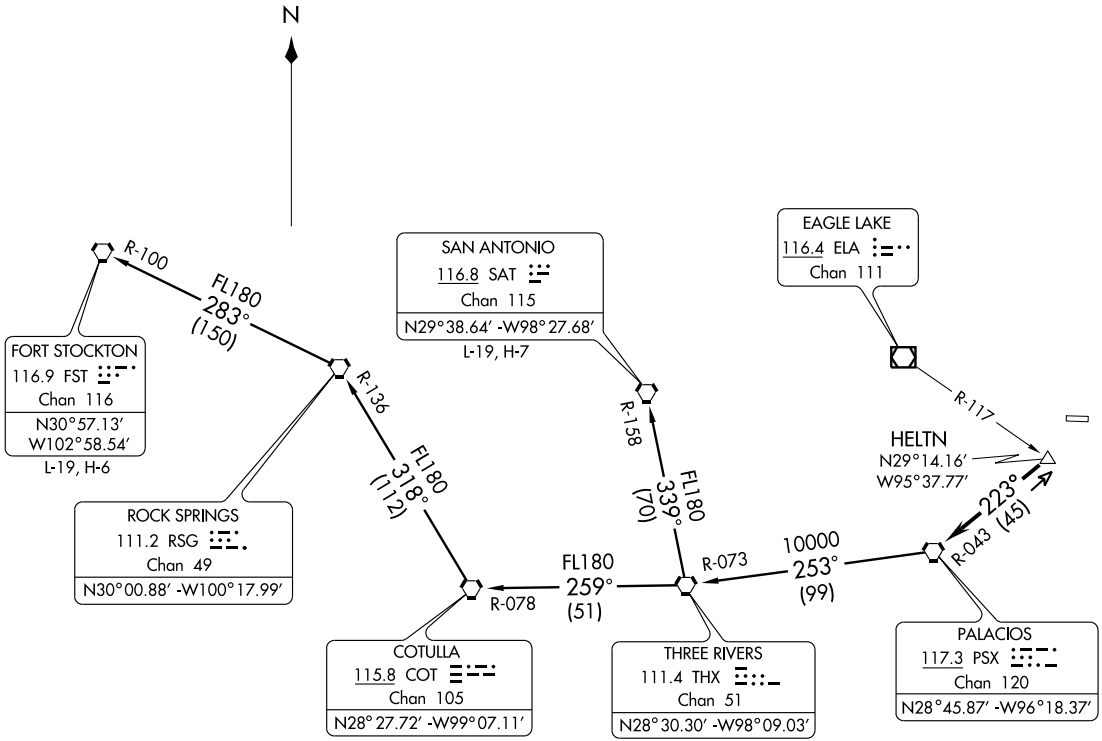
. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE (PSX3.PSX) 08157

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF 123.0



TAKE-OFF MINIMUMS:
Rwys 9, 27, standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239' from DER, 360' right of centerline, up to 42' AGL/106' MSL.
Multiple trees beginning 501' from DER, 355' right of centerline, up to 43' AGL/111' MSL.
Multiple hangars beginning 119' from DER, 498' left of centerline, up to 41' AGL/105' MSL.
Pole 332' from DER, 299' left of centerline, 43' AGL/97' MSL.
Antenna 1172' from DER, 658' left of centerline, 51' AGL/115' MSL.
Multiple trees beginning 558' from DER, 68' left of centerline, up to 58' AGL/122' MSL.

Rwy 27, Multiple trees beginning 1050' from DER, 40' left of centerline, up to 71' AGL/140' MSL.
Vehicle and road 99' from DER, 291' right of centerline, 15' AGL/83' MSL.
Multiple trees beginning 873' from DER, 514' right of centerline, up to 59' AGL/130' MSL.
Multiple transmission poles beginning 1304' from DER, 131' right of centerline, up to 41' AGL/110' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5003
CH 90303	089°	TDZE	68
W09A		Apt Elev	68

RNAV (GPS) RWY 9
HOUSTON-SOUTHWEST (AXH)

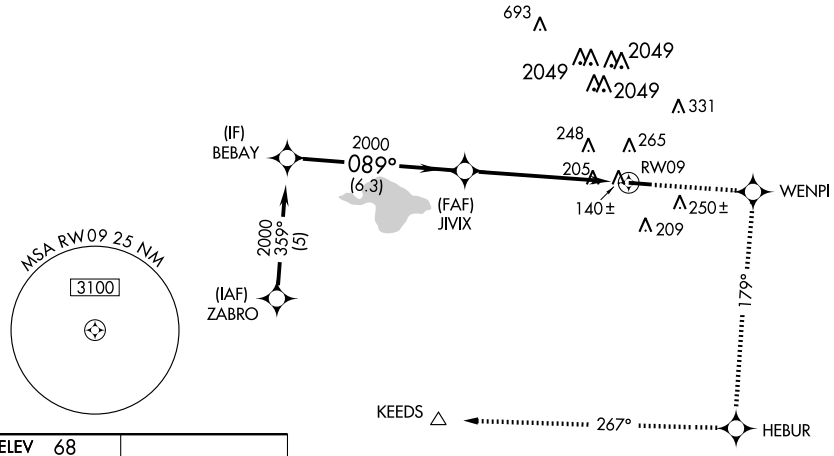
NA

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Obtain local altimeter setting on CTAF; when not received use William P. Hobby altimeter setting and increase all DAs/MDAs 40 feet, and LPV, LNAV/VNAV visibility ¼ mile. Baro-VNAV and VDP NA when using William P. Hobby altimeter setting.

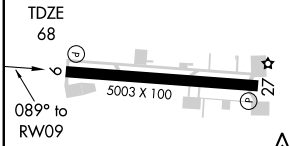
MISSED APPROACH: Climb to 2700 direct WENPI and via 179° track to HEBUR and via 267° track to KEEDS.

AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF)

RADAR REQUIRED

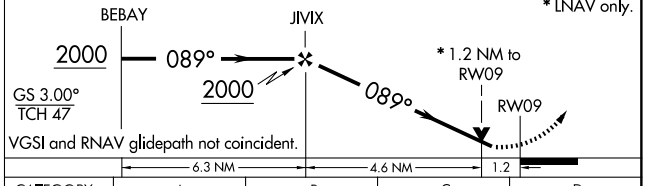


ELEV 68



2700	WENPI	track 179°	HEBUR	track 267°	KEEDS

* LNAV only.



CATEGORY	A	B	C	D
LPV DA	370-1 302 (400-1)			NA
LNAV/VNAV DA	499-1½ 431 (500-1½)			NA
LNAV MDA	580-1 512 (600-1)		580-1½ 512 (600-1½)	NA
CIRCLING	620-1 552 (600-1)		620-1½ 552 (600-1½)	NA

REIL Rwy 9-27
MIRL Rwy 9-27

SC-5, 17 DEC 2009 to 14 JAN 2010

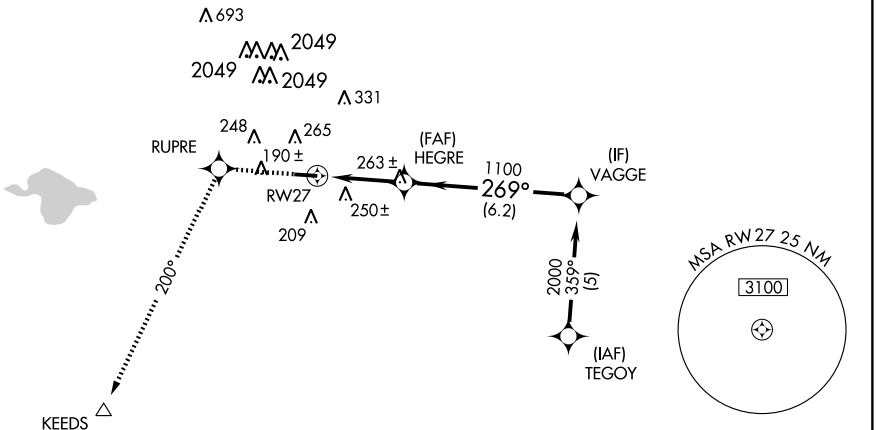
WAAS CH 81903 W27A	APP CRS 269°	Rwy Idg 5003 TDZE 67 Apt Elev 68

RNAV (GPS) RWY 27
HOUSTON-SOUTHWEST (AXH)

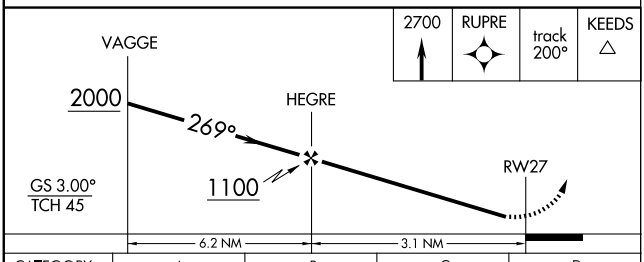
T
NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Obtain local altimeter setting on CTAF; when not received use William P. Hobby altimeter setting and increase all DAs/MDA's 40 feet, and LPV, LNAV Cat C visibility ¼ mile. Baro-VNAV NA when using William P. Hobby altimeter setting.

MISSED APPROACH: Climb to 2700 direct RUPRE and via 200° track to KEEDS.

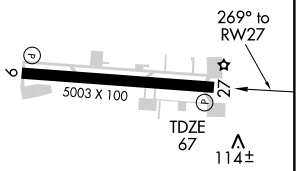
AWOS-3	HOUSTON APP CON	CLNC DEL	UNICOM
123.625	123.8 257.7	120.8	123.0 (CTAF)



RADAR REQUIRED



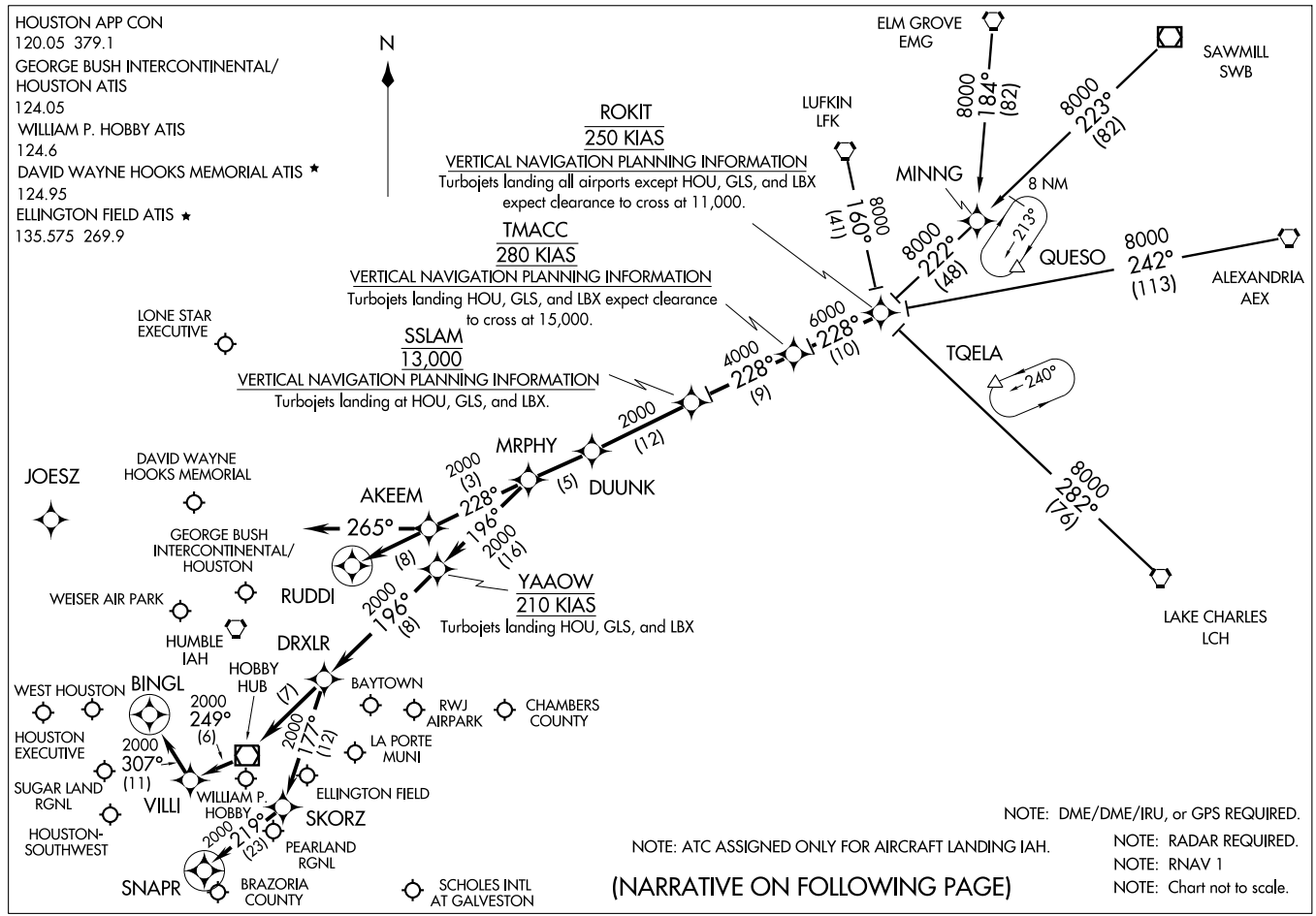
ELEV 68



CATEGORY	A	B	C	D
LPV DA	367-1 300 (300-1)			NA
LNAV/VNAV DA	604-2 537 (600-2)			NA
LNAV MDA	560-1 493 (500-1)		560-1¼ 493 (500-1¼)	NA
CIRCLING	620-1 552 (600-1)		620-1½ 552 (600-1½)	NA

REIL Rwy 9-27
MIRL Rwy 9-27

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

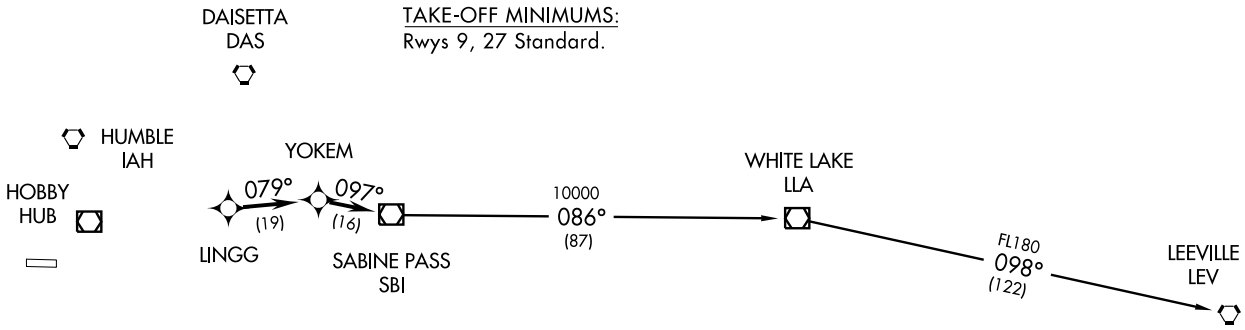
FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

SABINE PASS ONE DEPARTURE (RNAV)

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

CLNC DEL
120.8
HOUSTON DEP CON
123.8 257.7
CTAF
123.0



TAKE-OFF MINIMUMS:
Rwys 9, 27 Standard.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

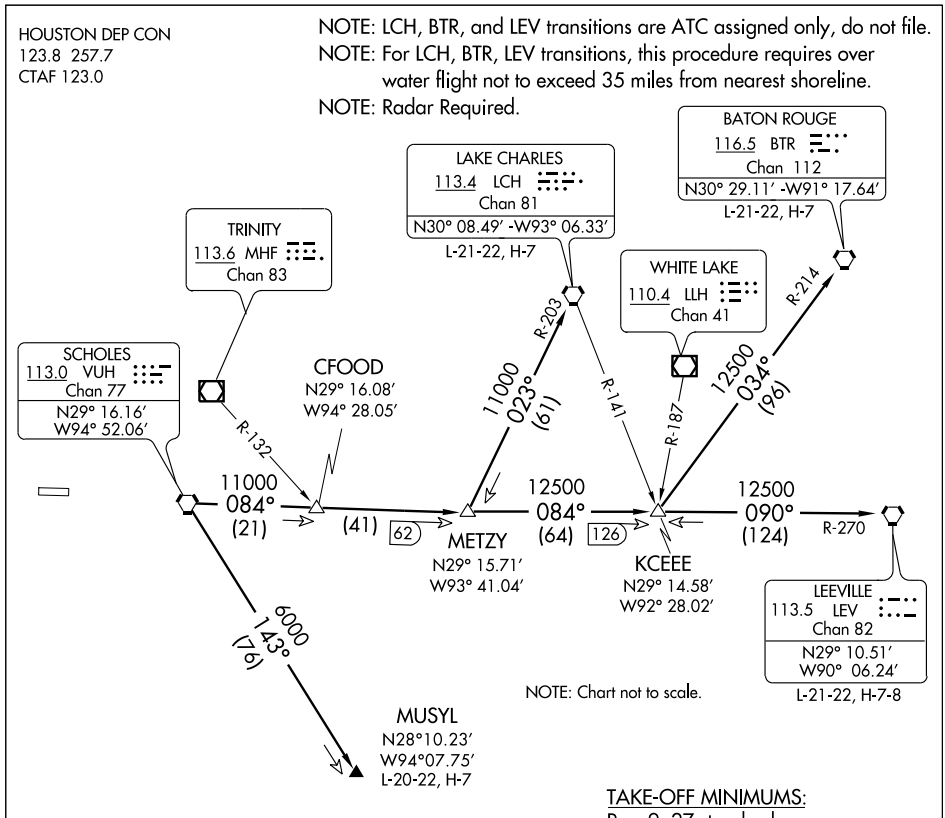
LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES

Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL. Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL. Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL. Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL. Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL. Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.

Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL. Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL. Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL. Multiple TRMSN poles beginning 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.

NOTE: Chart not to scale.



TAKE-OFF MINIMUMS:
Rwy 9, 27 standard.

(TAKE-OFF NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

TAKE-OFF OBSTACLES:

Rwy 9, Multiple hangars beginning 239′ from DER, 360′ right of centerline, up to 42′ AGL/106′ MSL. Multiple trees beginning 501′ from DER, 355′ right of centerline, up to 43′ AGL/111′ MSL. Multiple hangars beginning 119′ from DER, 498′ left of centerline, up to 41′ AGL/105′ MSL. Pole 332′ from DER, 299′ left of centerline, 43′ AGL/97′ MSL. Antenna 1172′ from DER, 658′ left of centerline, 51′ AGL/115′ MSL. Multiple trees beginning 558′ from DER, 68′ left of centerline, up to 58′ AGL/122′ MSL.

Rwy 27, Multiple trees beginning 1050′ from DER, 40′ left of centerline, up to 71′ AGL/140′ MSL Vehicle and road 99′ from DER, 291′ right of centerline, 15′ AGL/83′ MSL. Multiple trees beginning 873′ from DER, 514′ right of centerline, up to 59′ AGL/130′ MSL. Multiple transmission poles beginning 1304′ from DER, 131′ right of centerline, up to 41′ AGL/110′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

HOUSTON/ LONE STAR EXECUTIVE (CXO)

HOUSTON, TEXAS

AL-5573 (FAA)

ATIS
118.325
LONE STAR TOWER ★
124.125
GND CON
120.45
CLNC DEL
120.45
119.55 (When Tower Closed)

VAR 4.0° E

JANUARY 2005
ANNUAL RATE
OF CHANGE
0.1° W

ELEV 230

ELEV 229

141.5°

193.1°

5000 X 100

6000 X 150

TWR

380

013.1°

321.5°

FIELD ELEV 245

ELEV 230

ELEV 241

RWY 1-19
S140, ST175, TDT840, TRT545
RWY 14-32
S60, D100, ST175, TDT840, TRT459

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

30°21.5′ N

30°21.0′ N

30°20.5′ N

095°25.5′ W

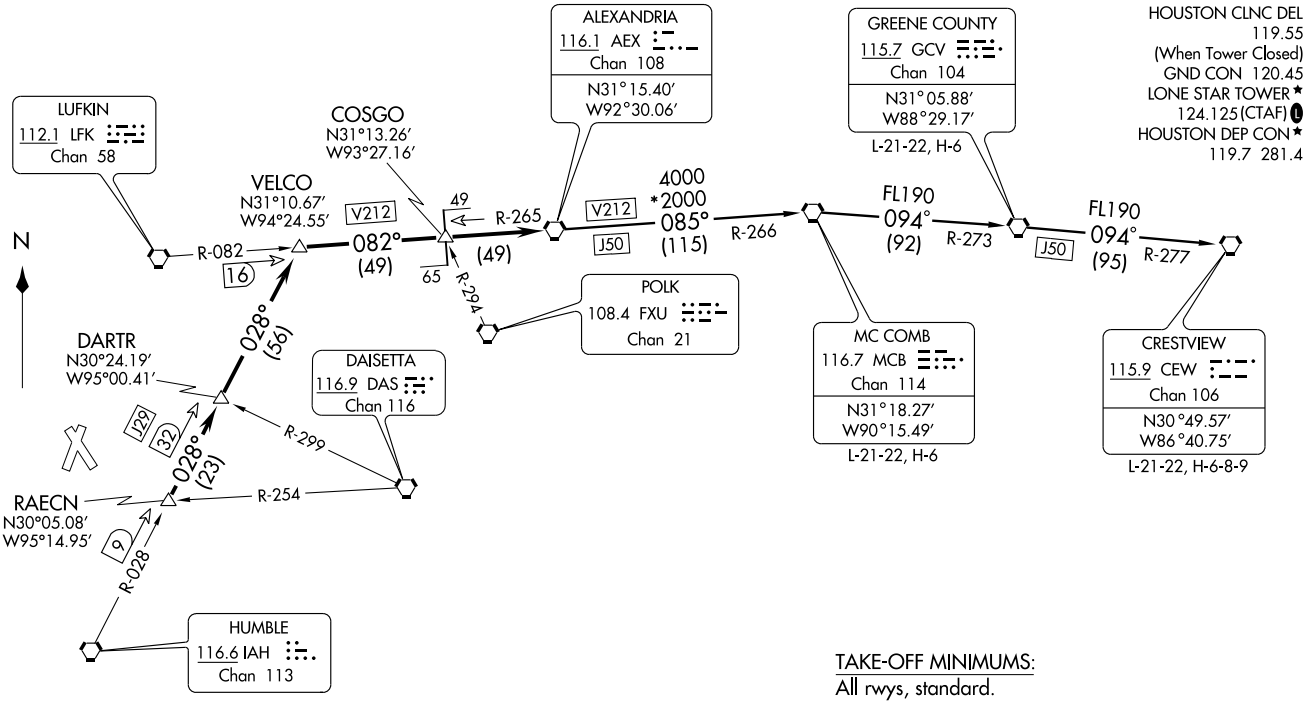
095°25.0′ W

095°24.5′ W

SC-5, 17 DEC 2009 to 14 JAN 2010

ALEXANDRIA FOUR DEPARTURE

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER★ 124.125(CTAF)Ⓛ
HOUSTON DEP CON★ 119.7 281.4



TAKE-OFF MINIMUMS:
All rwys, standard.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

(NOTES CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

TAKE-OFF OBSTACLES:

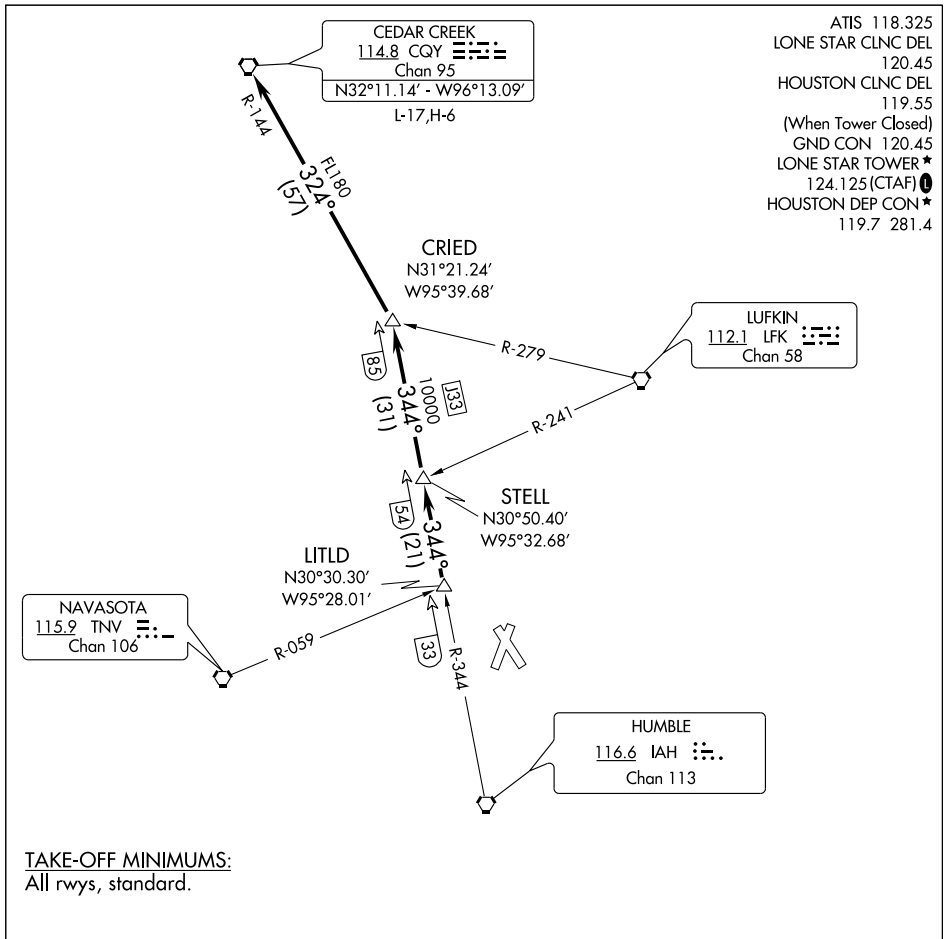
Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/314' MSL.
OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/258' MSL.
Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL.
Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/313' MSL.
Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/300' MSL.
OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL.
Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/306' MSL.
Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/315' MSL.
Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.
Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL.
Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL.
Tree 2448' from DER, 990' right of centerline, 106' AGL/325' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-5573 (FAA)

HOUSTON/ LONE STAR EXECUTIVE (CXO)
HOUSTON, TEXAS



ATIS 118.325
LONE STAR CLNC DEL
120.45
HOUSTON CLNC DEL
119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★
124.125 (CTAF) L
HOUSTON DEP CON ★
119.7 281.4

TAKE-OFF MINIMUMS:
All rwys, standard.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL. Obstruction light on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL. Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.

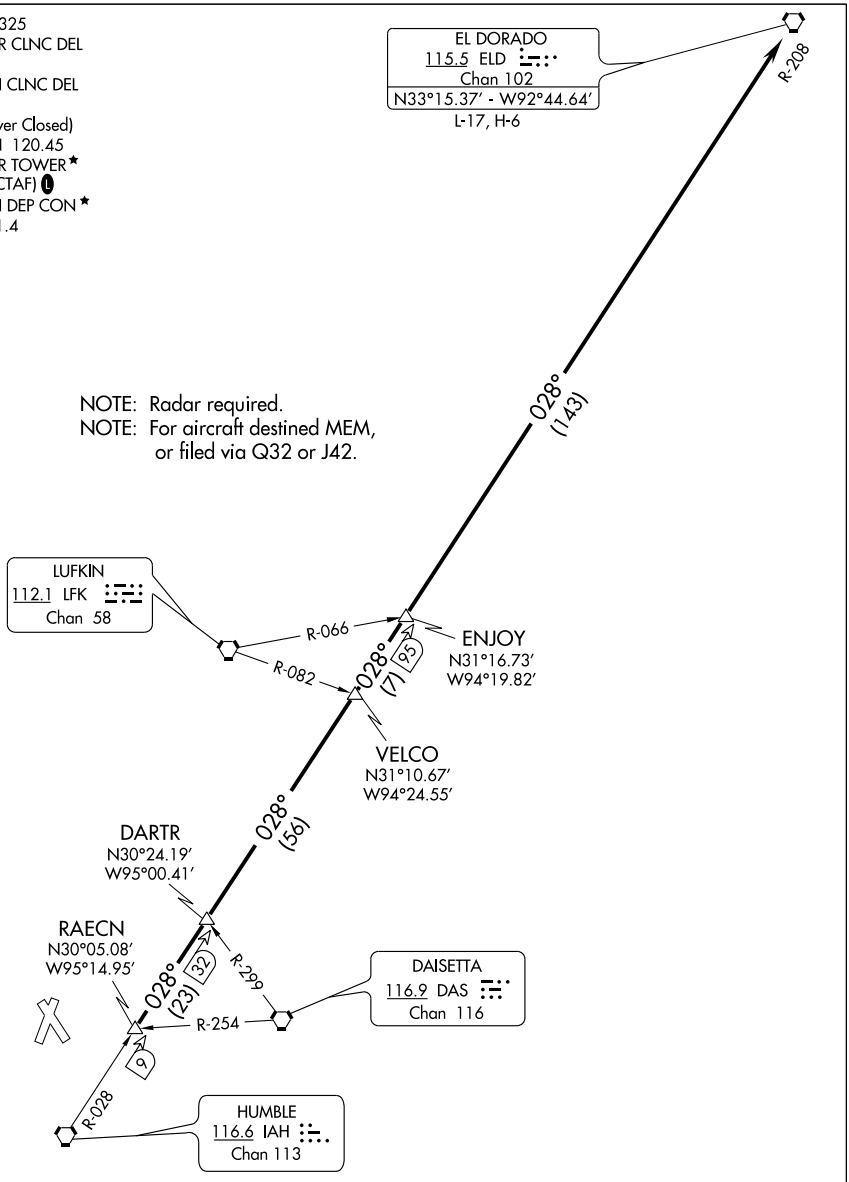
Rwy 14, Multiple trees beginning 1655′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL. Obstruction light on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL. Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL.

Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 88′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.

Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Pole, 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL. Tree 2448′ from DER, 990 right of centerline, 106′ AGL/325′ MSL.

EL DORADO ONE DEPARTURE SL-5573 (FAA)

ATIS 118.325
LONE STAR CLNC DEL
120.45
HOUSTON CLNC DEL
119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★
124.125 (CTAF) L
HOUSTON DEP CON ★
119.7 281.4



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
All rwys, standard.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/ 314′ MSL. OL on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/ 258′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL: Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/ 313′ MSL.

Rwy 14, Multiple trees beginning 1655′ from DER, 408′ left of centerline, up to 81′ AGL/ 300′ MSL. OL on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL. Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/ 306′ MSL.

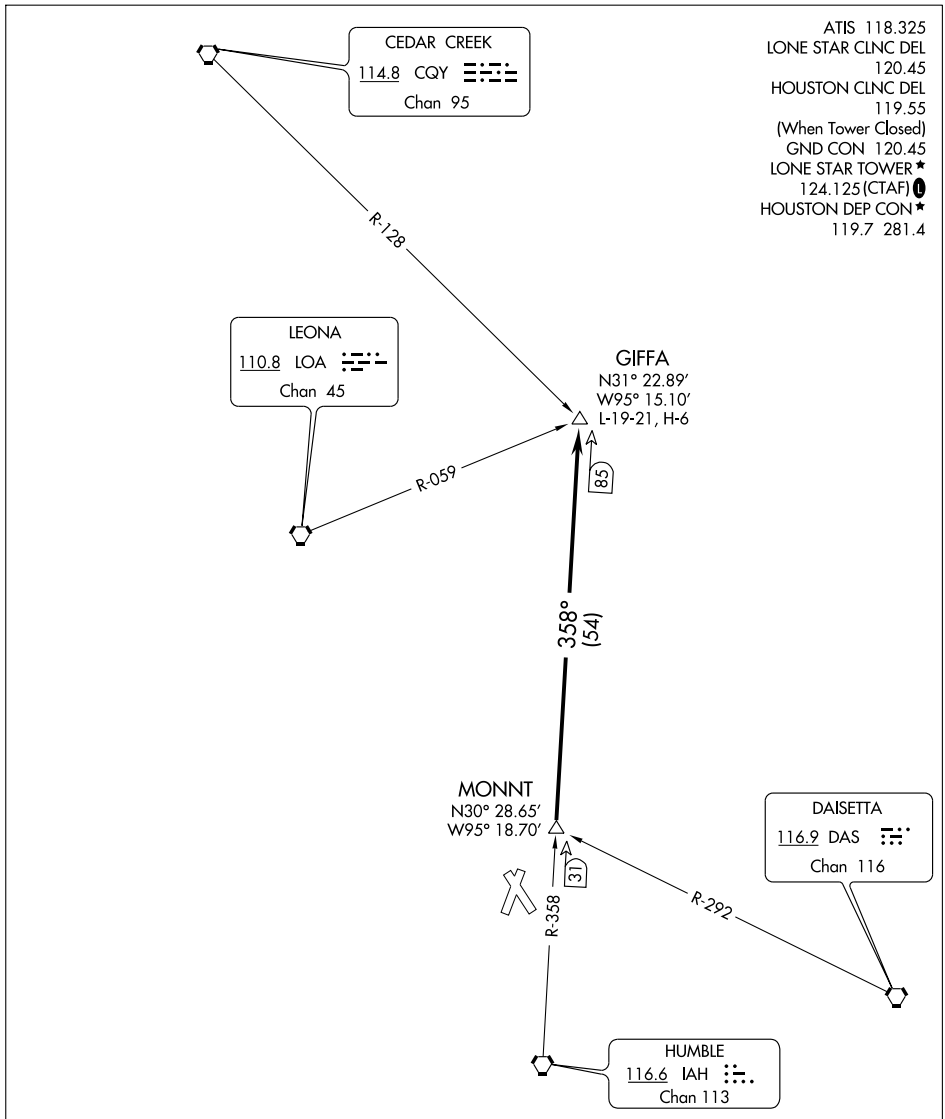
Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 68′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.

Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL. Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL.

GIFFA THREE DEPARTURE

SL-5573 (FAA)

HOUSTON/ LONE STAR EXECUTIVE (CXO)
HOUSTON, TEXAS



NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

TAKE-OFF MINIMUMS:
All rwys, standard.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

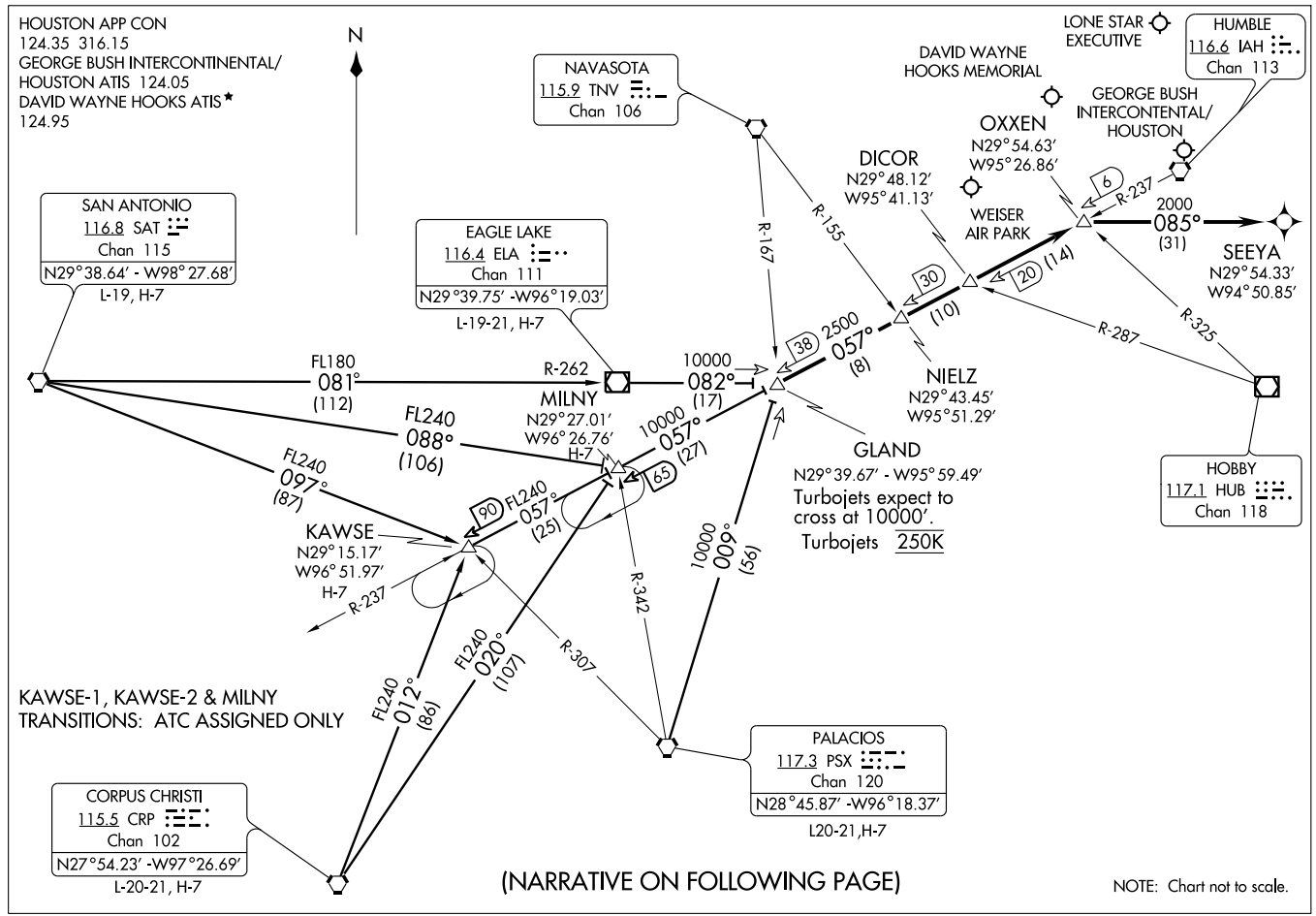
TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL.
Obstruction light on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL.
Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL.
Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.

Rwy 14, Multiple trees beginning 1855′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL.
Obstruction light on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL.
Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL.

Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL.
Multiple trees beginning 68′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.

Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL.
Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL.
Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL.



07298

GLAND THREE ARRIVAL (GLAND.GLAND3)

ST-5461 (FAA)

HOUSTON, TEXAS

GLAND THREE ARRIVAL (GLAND.GLAND3) HOUSTON, TEXAS

ARRIVAL DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.GLAND3): From over CRP VORTAC via CRP R-020 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

EAGLE LAKE TRANSITION (ELA.GLAND3): From over ELA VOR/DME via ELA R-082 to GLAND INT. Thence. . . .

KAWSE-1 TRANSITION (KAWSE-1.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-097 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

KAWSE-2 TRANSITION (KAWSE-2.GLAND3): (ATC assigned.) From over CRP VORTAC via CRP R-012 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

MILNY TRANSITION (MILNY.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-088 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

PALACIOS TRANSITION (PSX.GLAND3): From over PSX VORTAC via PSX R-009 to GLAND INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.GLAND3): From over SAT VORTAC via R-081 and ELA R-262 to ELA VOR/DME, then via ELA R-082 to GLAND INT. Thence. . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH): From over GLAND INT via IAH R-237 to OXXEN INT, landing runways 26 L/R or 27 fly heading 085° for vectors to final approach course. For /E, /F, /G, /R (RNP-2.0), equipped aircraft: from over OXXEN INT direct SEEYA WP, expect vector to final approach course prior to SEEYA WP, if not received by SEEYA WP fly present heading. All other runways, expect vectors to final approach course at or prior to OXXEN INT.

FOR ALL OTHER AIRPORTS: From over GLAND INT via IAH R-237 to OXXEN INT. Expect vectors to final approach course at or prior to OXXEN INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 118.325
LONE STAR CLNC DEL
120.45
HOUSTON CLNC DEL
119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★
124.125 (CTAF) L
HOUSTON DEP CON ★
119.7 281.4

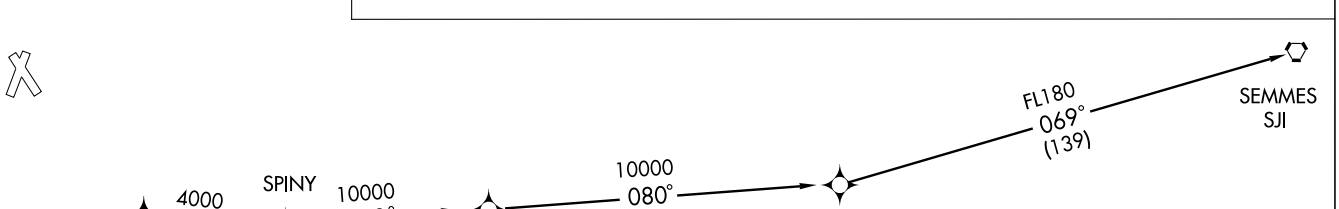
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to JAAYE, then via 087° track to SPINY, then via 078° track to GUSTI, thence . . . .

. . . . via (transition). Maintain 4000, expect clearance to filed altitude/flight level 10 minutes after departure.

AWDAD TRANSITION (GUSTI1.AWDAD)

SEMMES TRANSITION (GUSTI1.SJI)



TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL. OL on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL. Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.

Rwy 14, Multiple trees beginning 1656′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL. OL on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL. Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL.

Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 68′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.

Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL. Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL.

N

TAKE-OFF MINIMUMS:
All runways, standard.

NOTE: RNAV 1.
NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS REQUIRED.
NOTE: For NON-GPS equipped aircraft; SBI, BPT, LCH, LFT, LLA, and HRV must be operational.

NOTE: Chart not to scale.

LOC I-CXO	APP CRS	Rwy Idg	5411
108.7	139°	TDZE	242
Chan 24		Apt Elev	245

ILS or LOC RWY 14

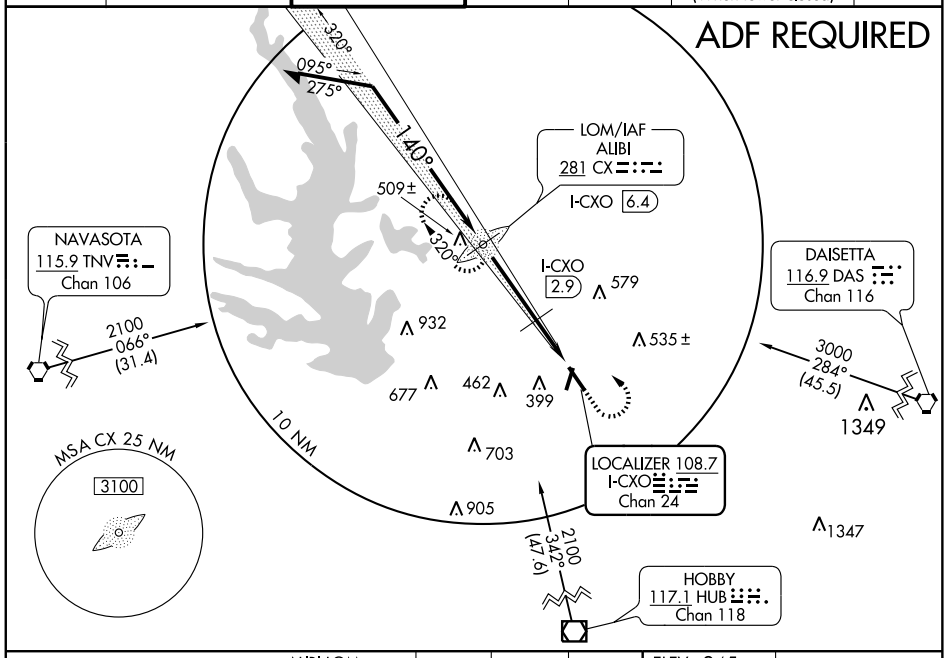
HOUSTON/ LONE STAR EXECUTIVE (CXO)

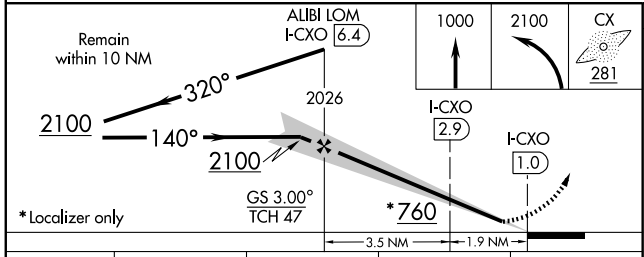
Circling NA at night.

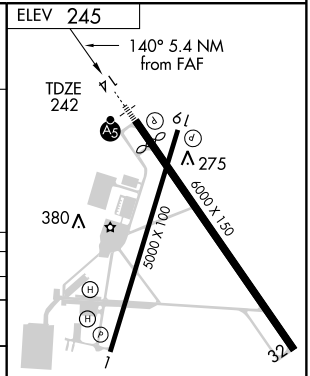
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct ALIBI LOM and hold.

ATIS	HOUSTON APP CON ★	LONE STAR TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When tower closed)	122.95







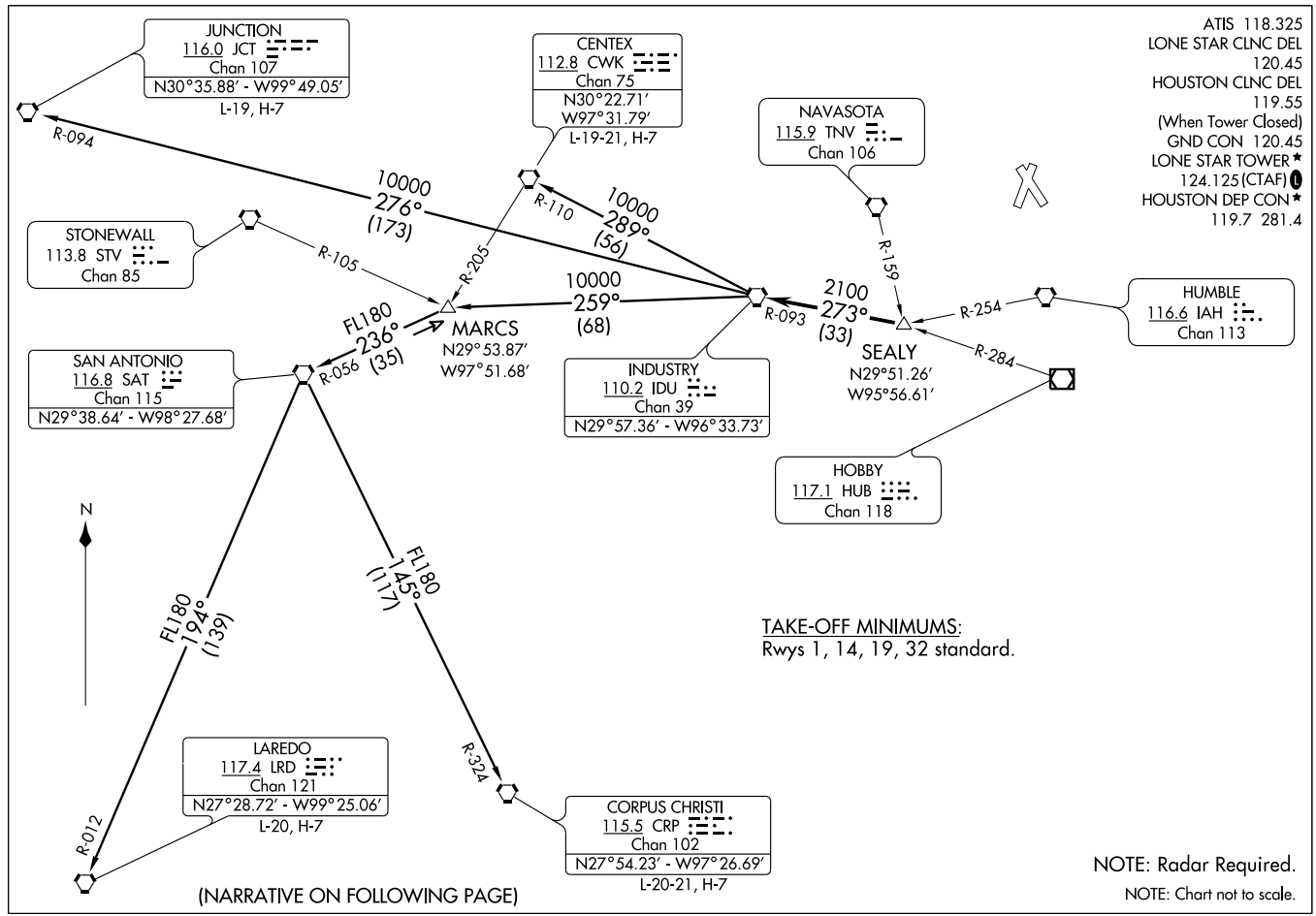
CATEGORY	A	B	C	D
S-ILS 14	442-½ 200 (200-½)			
S-LOC 14	760-½ 518 (600-½)		760-1 518 (600-1)	760-1¼ 518 (600-1¼)
CIRCLING	760-1 515 (600-1)		760-1½ 515 (600-1½)	800-2 555 (600-2)
DME MINIMUMS				
S-LOC 14	640-½ 398 (400-½)			640-¾ 398 (400-¾)
CIRCLING	700-1 455 (500-1)		700-1½ 455 (500-1½)	800-2 555 (600-2)

REIL Rwy 32 L
MIRL Rwy 1-19
MIRL Rwy 14-32 L

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 09239

INDUSTRY THREE DEPARTURE

SL-5573 (FAA)

HOUSTON/LONE STAR EXECUTIVE (CXO)
HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/314' MSL. OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/258' MSL. Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL. Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/313' MSL.

Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/300' MSL. OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL. Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/306' MSL.

Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/315' MSL. Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.

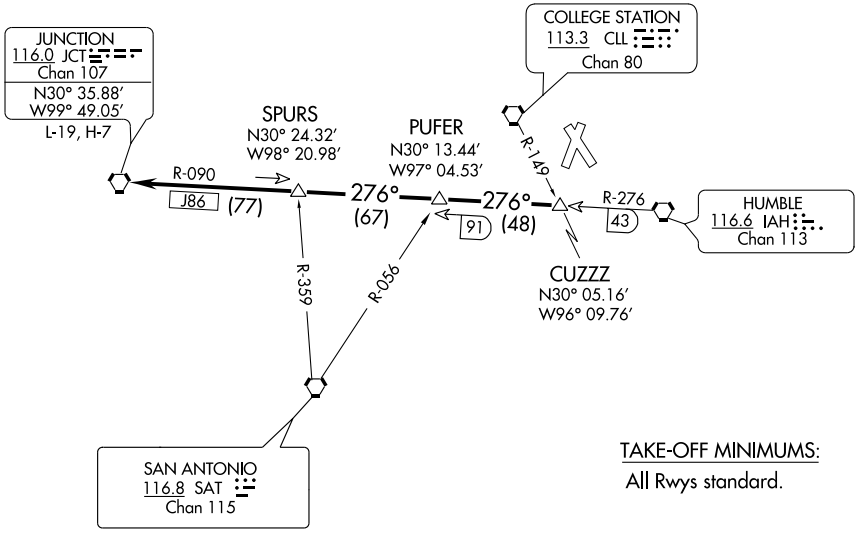
Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL. Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL. Tree 2448' from DER, 990' right of centerline, 106' AGL/325' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

JUNCTION SIX DEPARTURE

SL-5573 (FAA)

ATIS 118.325
LONE STAR CLNC DEL
120.45
HOUSTON CLNC DEL
119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★
124.125 (CTAF) L
HOUSTON DEP CON ★
119.7 281.4



TAKE-OFF MINIMUMS:
All Rwys standard.

NOTE: RADAR Required.
NOTE: For aircraft overflying JCT VORTAC via J86 filing FL240 or above.

NOTE: Chart not to scale.

(NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to CUZZZ INT, maintain 4,000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-276 and JCT R-090 to JCT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

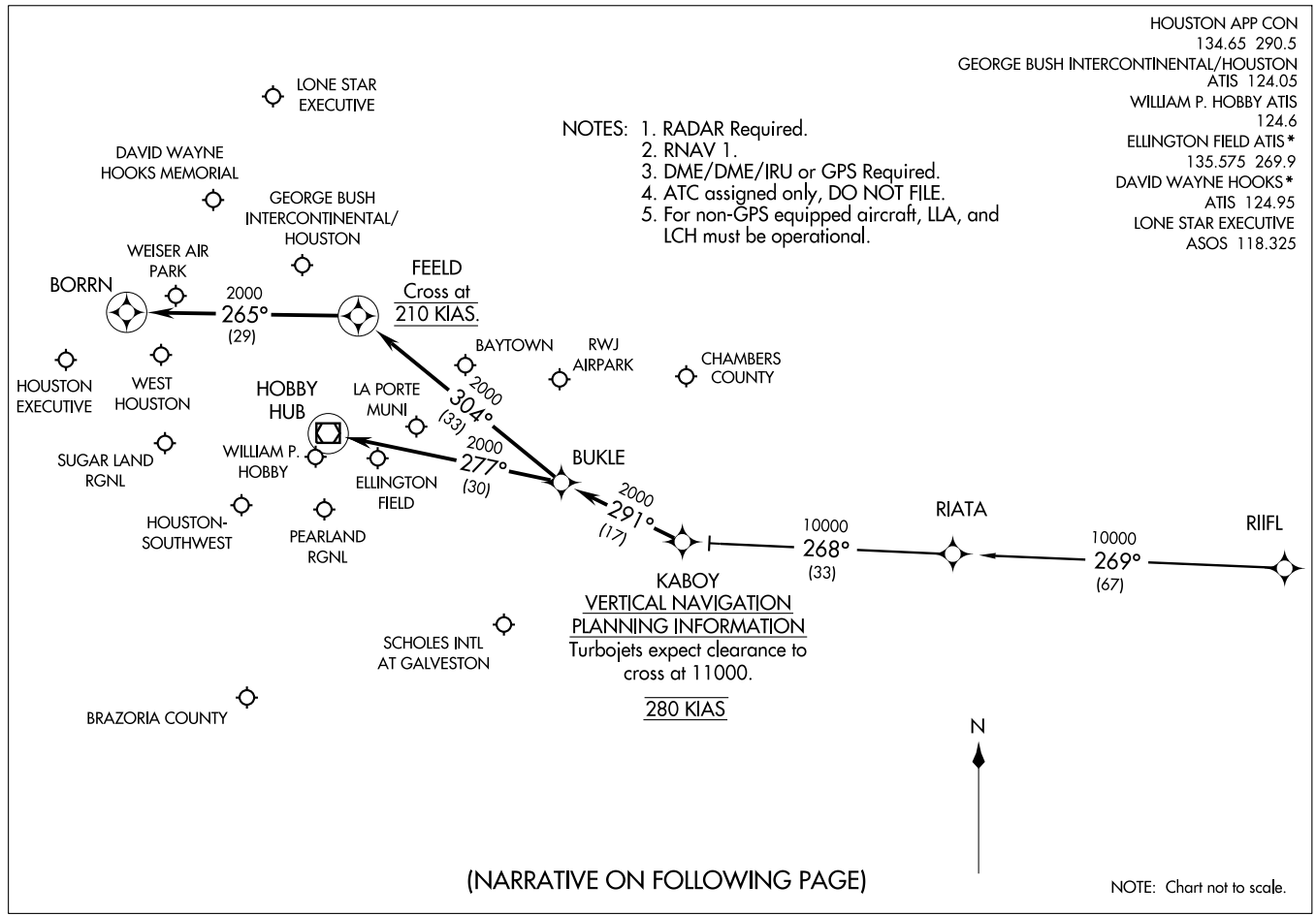
TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL. OL on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL. Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.

Rwy 14, Multiple trees beginning 1655′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL. OL on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL. Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL.

Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 66′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.

Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL. Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL.


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

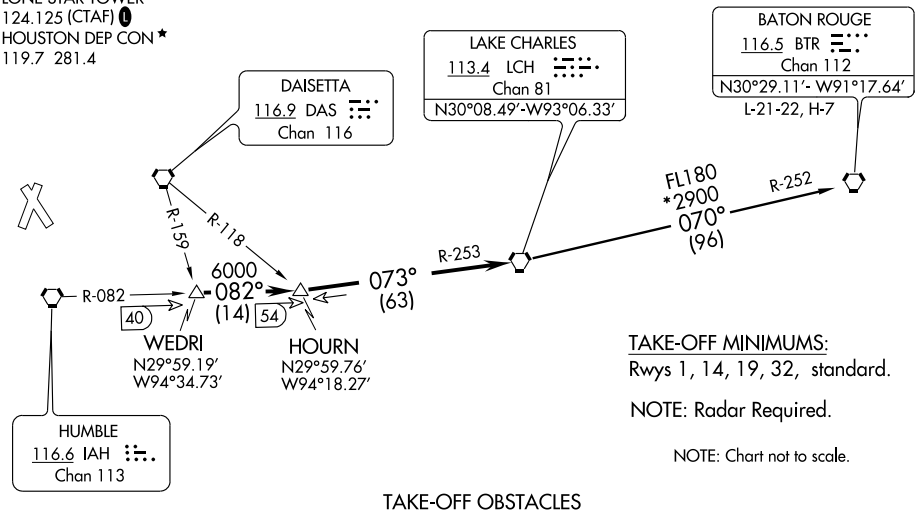
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LAKE CHARLES ONE DEPARTURE

ATIS 118.325
LONE STAR CLNC DEL
120.45
HOUSTON CLNC DEL
119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★
124.125 (CTAF) L
HOUSTON DEP CON ★
119.7 281.4



TAKE-OFF MINIMUMS:
Rwys 1, 14, 19, 32, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

TAKE-OFF OBSTACLES

Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/314' MSL. OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/258' MSL. Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL. Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/313' MSL.

Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/300 MSL. OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL. Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/306 MSL.

Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/315' MSL. Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.

Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL. Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL. Tree 2448' from DER, 990' right of centerline, 106' AGL/325' MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WEDRI INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-082 to HOURN INT, then via LCH R-253 to LCH VORTAC.

BATON ROUGE TRANSITION (LCH1.BTR): From over LCH VORTAC via LCH R-070 and BTR R-252 to BTR VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

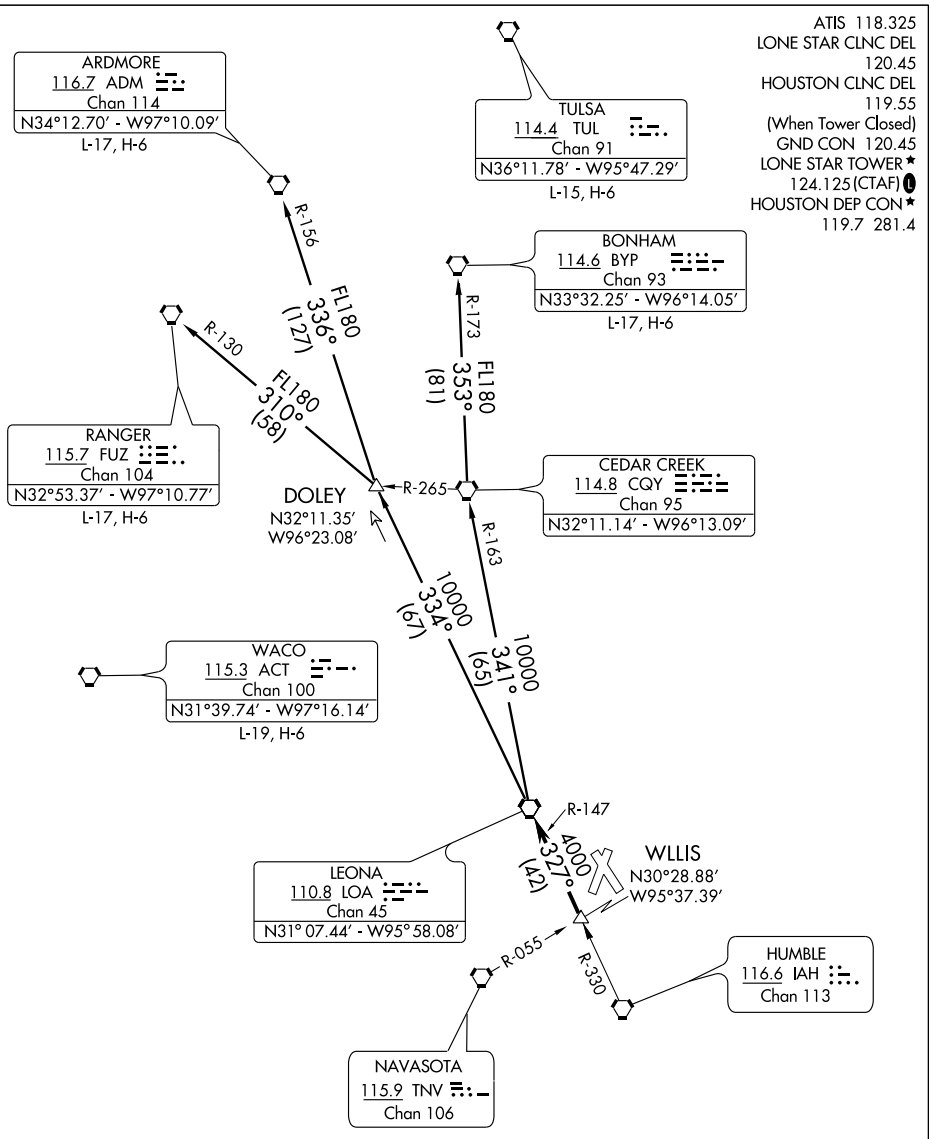
(LOA6.LOA) 09351

LEONA SIX DEPARTURE

SL-5573 (FAA)

HOUSTON/ LONE STAR EXECUTIVE (CXO)
HOUSTON, TEXAS

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★ 124.125 (CTAF) L
HOUSTON DEP CON ★ 119.7 281.4



TAKE-OFF MINIMUMS:
Rwy 1, 14, 19, 32 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

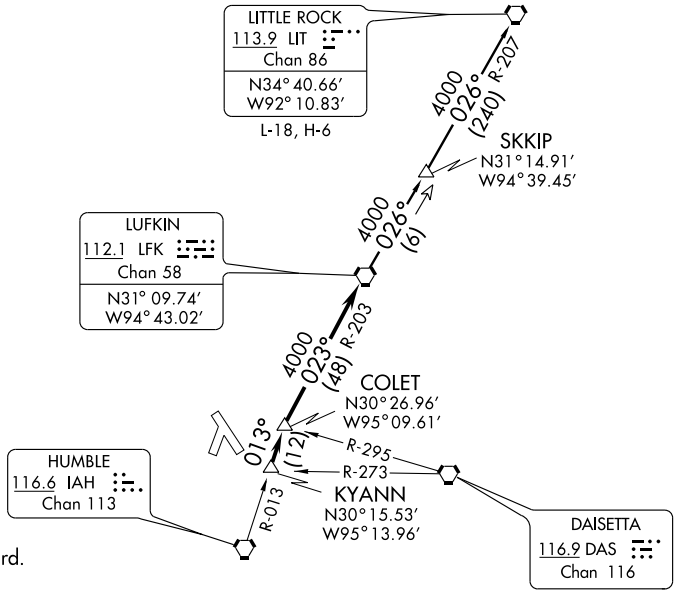
Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL. Obstruction light on glide slope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL. Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.
Rwy 14, Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL. Multiple trees beginning 1655′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL. Obstruction light on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL.
Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 68′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.
Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL. Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-5573 (FAA)

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★ 124.125 (CTAF) (L)
HOUSTON DEP CON ★ 119.7 281.4



TAKE-OFF MINIMUMS:
Rwy 1, 14, 19, 32, standard.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:
Rwy 1, Multiple trees beginning 1899′ from DER, 11′ left of centerline, up to 80′ AGL/314′ MSL. OL on glideslope 387′ from DER, 404′ right of centerline, 23′ AGL/258′ MSL. Tower 457′ from DER, 387′ right of centerline, 45′ AGL/275′ MSL. Multiple trees beginning 788′ from DER, 134′ right of centerline, up to 79′ AGL/313′ MSL.
Rwy 14, Multiple trees beginning 1655′ from DER, 408′ left of centerline, up to 81′ AGL/300′ MSL. OL on DME 401′ from DER, 266′ right of centerline, 21′ AGL/255′ MSL. Multiple trees beginning 1480′ from DER, 80′ right of centerline, up to 77′ AGL/306′ MSL.
Rwy 19, Multiple trees beginning 17′ from DER, 157′ left of centerline, up to 95′ AGL/315′ MSL. Multiple trees beginning 68′ from DER, 156′ right of centerline, up to 80′ AGL/305′ MSL.
Rwy 32, Vehicle and road 602′ from DER, 551′ left of centerline, 15′ AGL/257′ MSL. Pole 1411′ from DER, 458′ left of centerline, 29′ AGL/268′ MSL. Tree 2448′ from DER, 990′ right of centerline, 106′ AGL/325′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

LOM CX	APP CRS	Rwy Idg	5411
281	140°	TDZE	242
		Apt Elev	245

NDB RWY 14

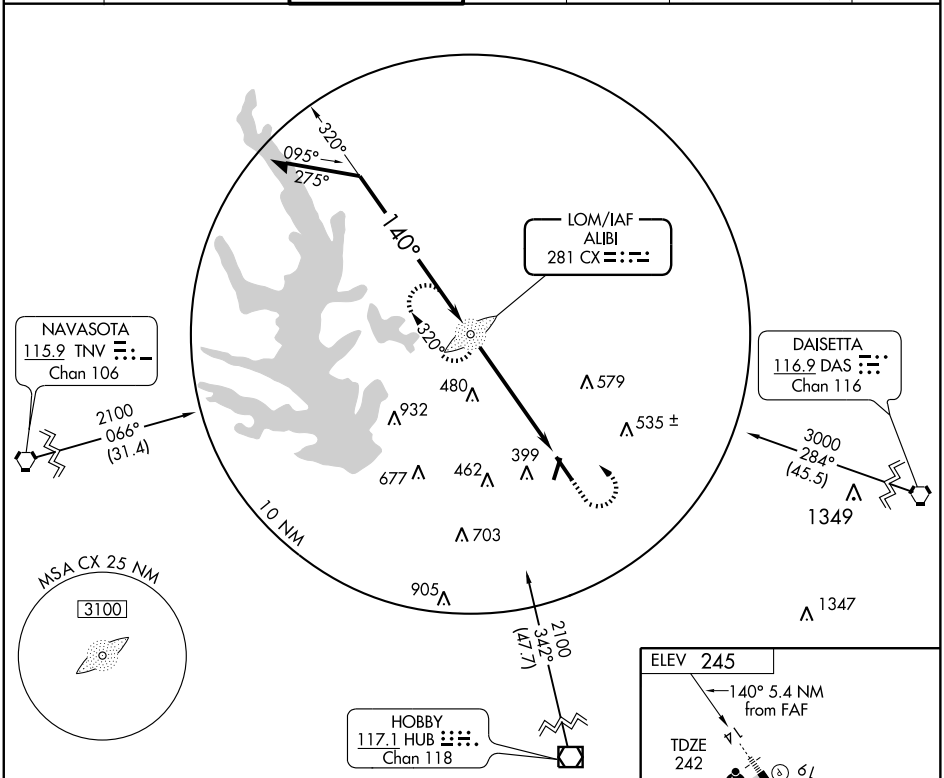
HOUSTON/ LONE STAR EXECUTIVE (CXO)

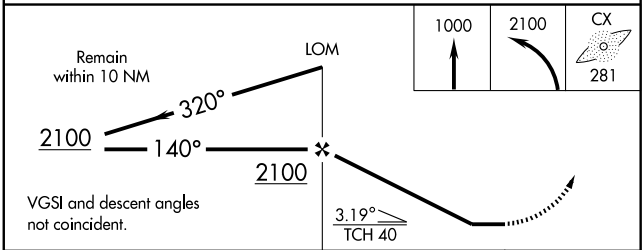
Circling NA at night.

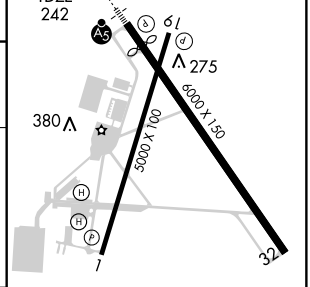
MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct CX LOM and hold.

ATIS	HOUSTON APP CON ★	LONE STAR TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When tower closed)	122.95







REIL Rwy 32 L
MIRL Rwy 1-19
MIRL Rwy 14-32 L

CATEGORY	A	B	C	D
S-14	780-¾	538 (600-¾)	780-1 538 (600-1)	780-1½ 538 (600-1½)
CIRCLING	780-1	535 (600-1)	780-1½ 535 (600-1½)	800-2 555 (600-2)

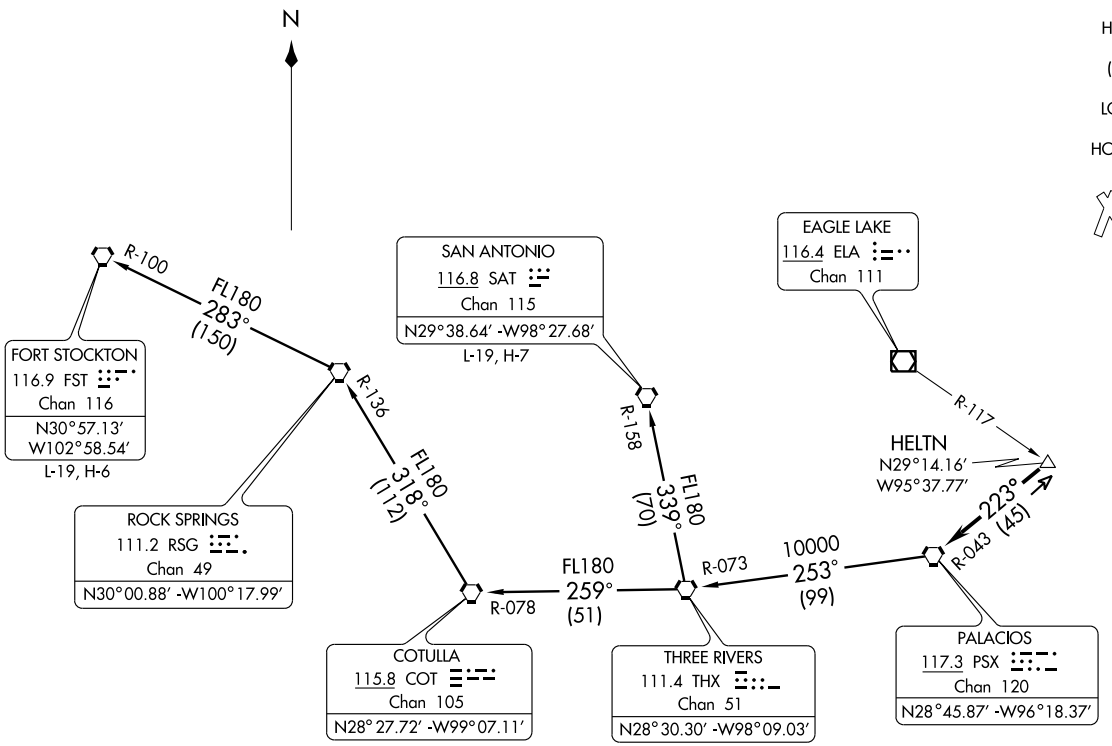
FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★ 124.125 (CTAF) (L)
HOUSTON DEP CON ★ 119.7 281.4



TAKE-OFF MINIMUMS:
Rwys 1, 14, 19, 32 standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/314' MSL.
OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/258' MSL.
Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL.
Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/313' MSL.

Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/300' MSL.
OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL.
Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/306' MSL.

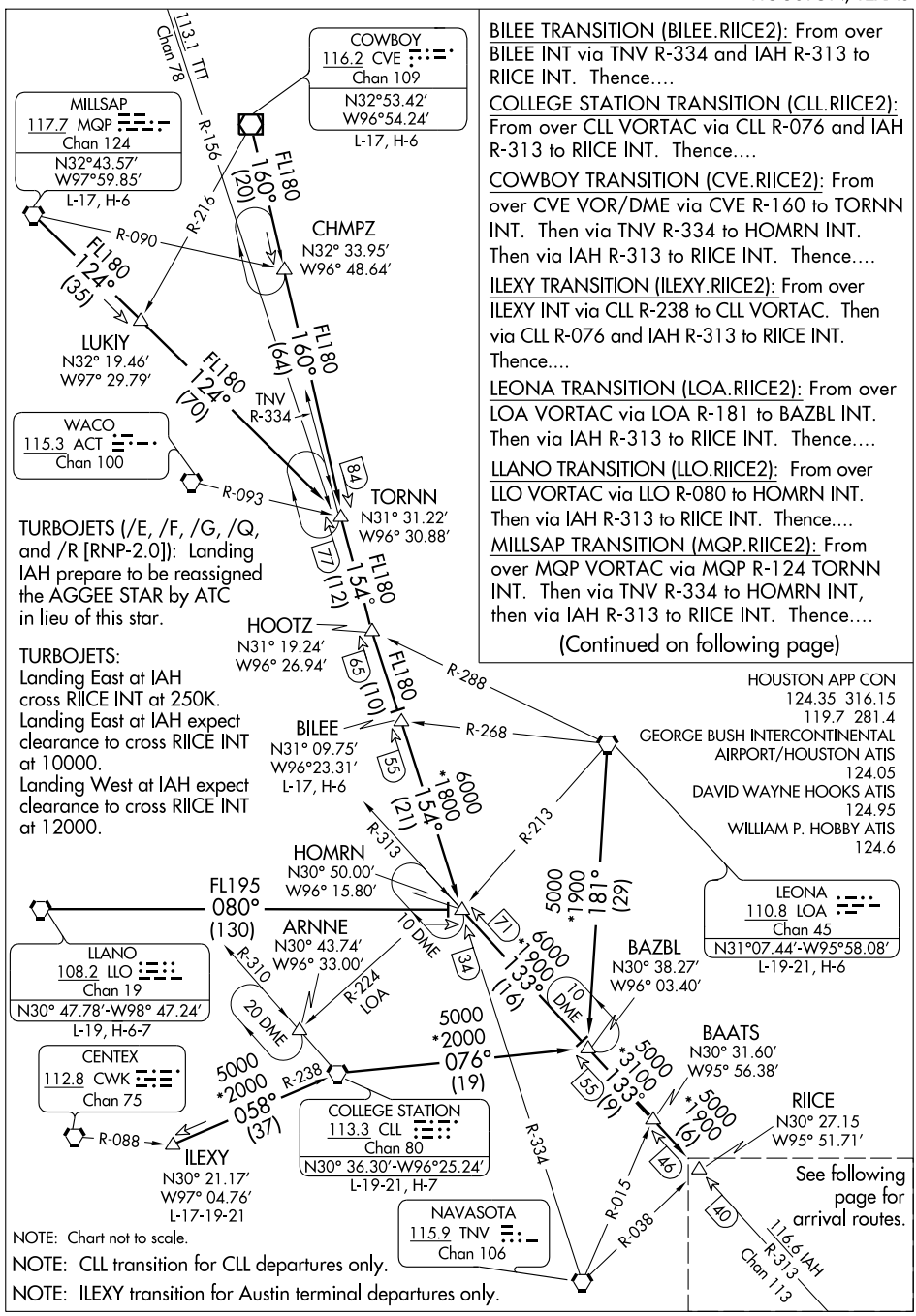
Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/315' MSL.
Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.

Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL.
Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL.
Tree 2448' from DER, 990' right of centerline, 106' AGL/325'MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

RIICE TWO ARRIVAL Transition Routes

HOUSTON, TEXAS



BILEE TRANSITION (BILEE.RIICE2): From over BILEE INT via TNV R-334 and IAH R-313 to RIICE INT. Thence....

COLLEGE STATION TRANSITION (CLL.RIICE2): From over CLL VORTAC via CLL R-076 and IAH R-313 to RIICE INT. Thence....

COWBOY TRANSITION (CVE.RIICE2): From over CVE VOR/DME via CVE R-160 to TORNN INT. Then via TNV R-334 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

ILEXY TRANSITION (ILEXY.RIICE2): From over ILEXY INT via CLL R-238 to CLL VORTAC. Then via CLL R-076 and IAH R-313 to RIICE INT. Thence....

LEONA TRANSITION (LOA.RIICE2): From over LOA VORTAC via LOA R-181 to BAZBL INT. Then via IAH R-313 to RIICE INT. Thence....

LLANO TRANSITION (LLO.RIICE2): From over LLO VORTAC via LLO R-080 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

MILLSAP TRANSITION (MQP.RIICE2): From over MQP VORTAC via MQP R-124 TORNN INT. Then via TNV R-334 to HOMRN INT, then via IAH R-313 to RIICE INT. Thence....

(Continued on following page)

NOTE: Chart not to scale.

NOTE: CLL transition for CLL departures only.

NOTE: ILEXY transition for Austin terminal departures only.

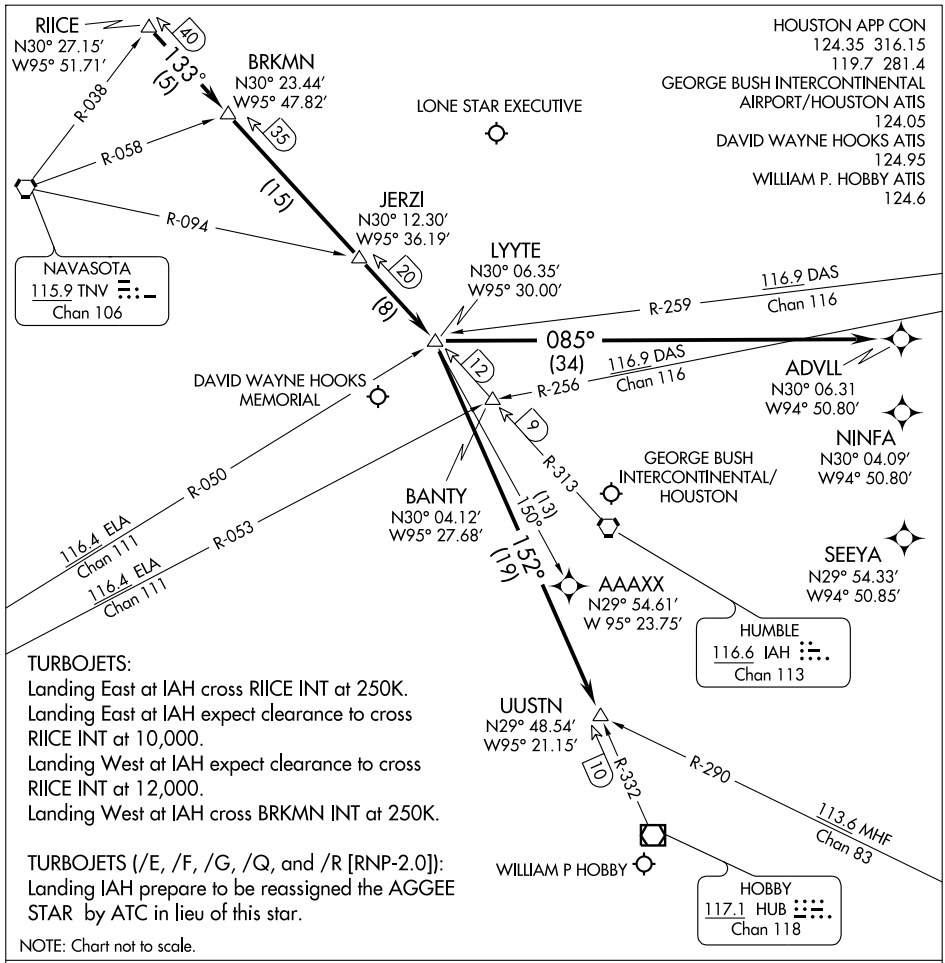
SC-5, 17 DEC 2009 to 14 JAN 2010

(RIICE.RIICE2) 08213

ST-5461 (FAA)

RIICE TWO ARRIVAL Arrival Routes

HOUSTON, TEXAS



TURBOJETS:
Landing East at IAH cross RIICE INT at 250K.
Landing East at IAH expect clearance to cross RIICE INT at 10,000.
Landing West at IAH expect clearance to cross RIICE INT at 12,000.
Landing West at IAH cross BRKMN INT at 250K.

TURBOJETS (/E, /F, /G, /Q, and /R [RNP-2.0]):
Landing IAH prepare to be reassigned the AGGEE STAR by ATC in lieu of this star.

NOTE: Chart not to scale.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
....From over RIICE INT via IAH R-313 to LYYTE INT. Landing Runway 26L/26R or 27; fly heading 085° for vectors to final approach course. For /E, /F, /G, /Q and /R (RNP-2.0), equipped aircraft from LYYTE INT direct ADVLL WP, expect vectors to final approach course prior to ADVLL WP; if not received by ADVLL WP, fly present heading.

WILLIAM P. HOBBY (HOU) (ATC ASSIGNED):
....From over RIICE INT via IAH R-313 to LYYTE INT, then via HUB R-332 to UUSTN INT, expect vectors to final approach course at or prior to UUSTN INT.

DAVID WAYNE HOOKS MEMORIAL (DWH) and LONE STAR EXCUTIVE (CXO):
....From over RIICE INT via IAH R-313 to LYYTE INT, expect vectors to final approach course at or prior to LYYTE INT.

ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to LYYTE INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 99512 W14A	APP CRS 140°	Rwy Idg 5411 TDZE 242 Apt Elev 245

RNAV (GPS) RWY 14

HOUSTON/LONE STAR EXECUTIVE (CXO)

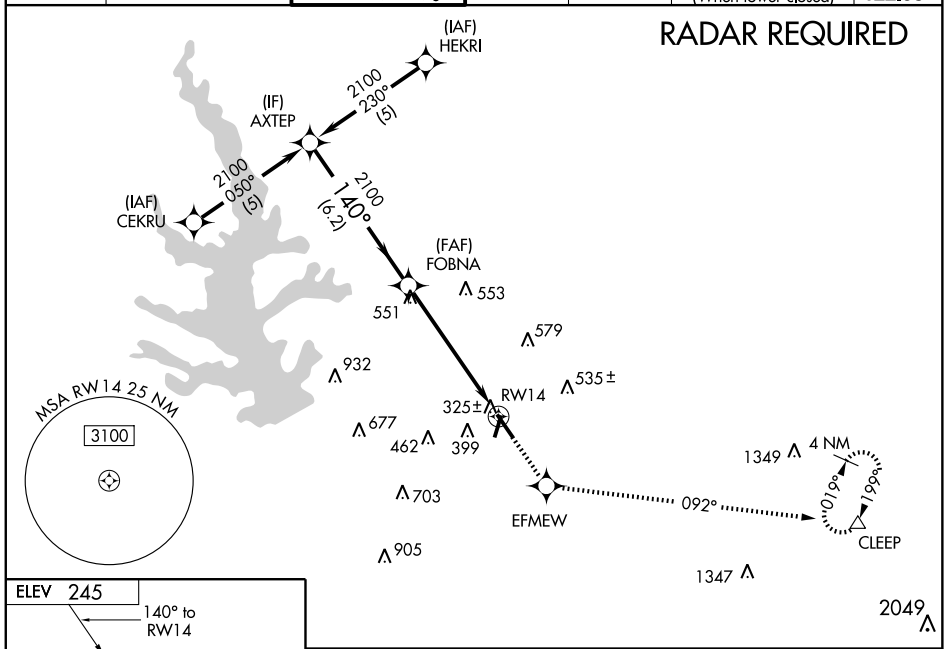
T A Circling to Rwy 19 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use David Wayne Hooks Memorial altimeter setting and increase all DA 57 feet, and all MDA 60 feet. Increase LNAV/VNAV visibility all Cats ¼ mile, increase LNAV Cat C/D visibility ¼ mile.
VDP and Baro-VNAV NA when using David Wayne Hooks Memorial altimeter setting.
For inoperative MALSR when using David Wayne Hooks Memorial altimeter setting; increase LPV all Cats visibility to 1 mile.

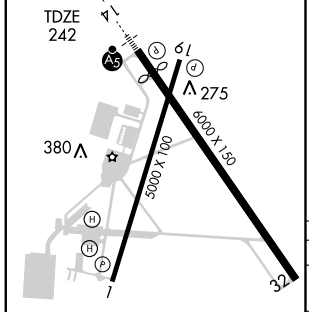
MALSR

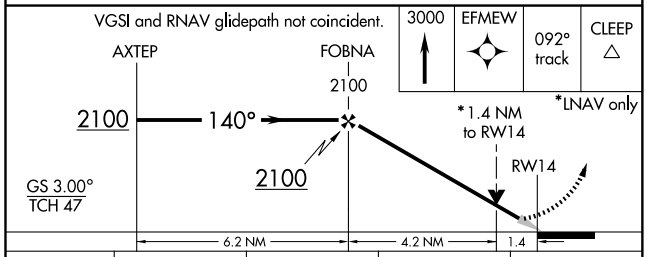
MISSED APPROACH: Climb to 3000 direct EFMEW and via track 092° to CLEEP and hold.

ATIS	HOUSTON APP CON ★	LONE STAR TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When tower closed)	122.95

RADAR REQUIRED







CATEGORY	A	B	C	D
LPV DA	442-½ 200 (200-½)			
LNAV/VNAV DA	604-¾ 362 (400-¾)			
LNAV MDA	720-½ 478 (500-½)		720-¾ 478 (500-¾)	720-1 478 (500-1)
CIRCLING	720-1 475 (500-1)		720-1½ 475 (500-1½)	800-2 555 (600-2)

REIL Rwy 32 L
MIRL Rwy 1-19
MIRL Rwy 14-32 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6000
321°	TDZE	245
	Apt Elev	245

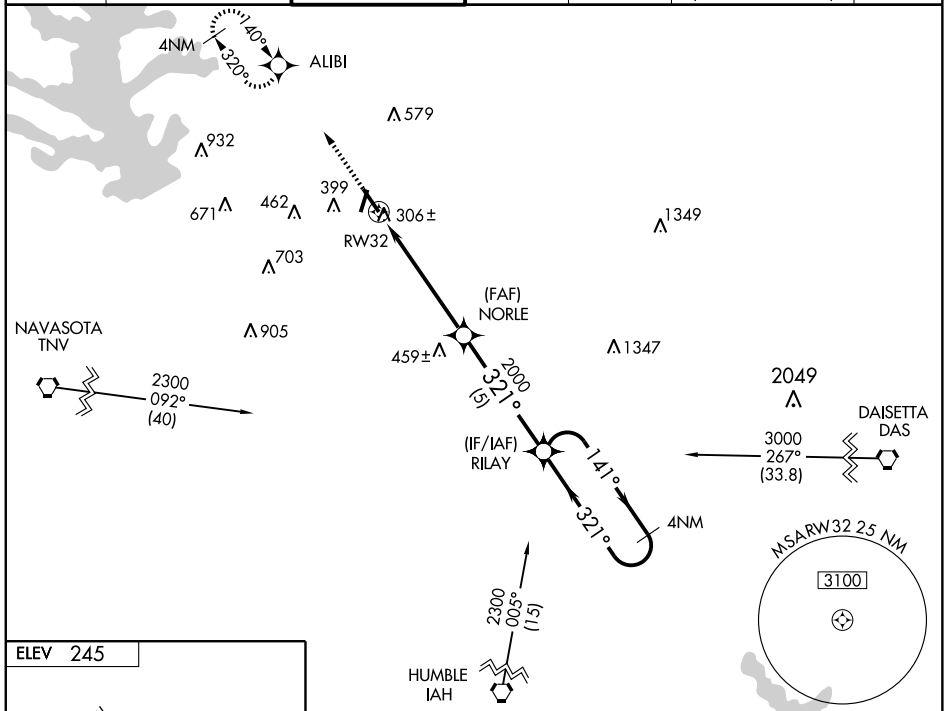
RNAV (GPS) RWY 32

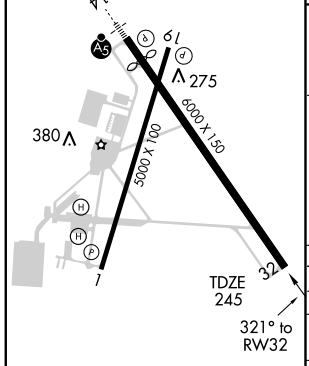
HOUSTON/ LONE STAR EXECUTIVE (CXO)

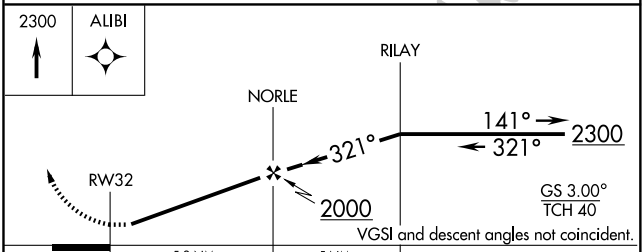
T BARO-VNAV NA below -15°C (5°F)
A NA Circling NA at night. DME/DME RNP-0.3 NA

MISSED APPROACH: Climb to 2300 direct ALIBI and hold.

ATIS	HOUSTON APP CON ★	LONE STAR TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.325	119.7 281.4	124.125 (CTAF) L	120.45	120.45	119.55 (When tower closed)	122.95



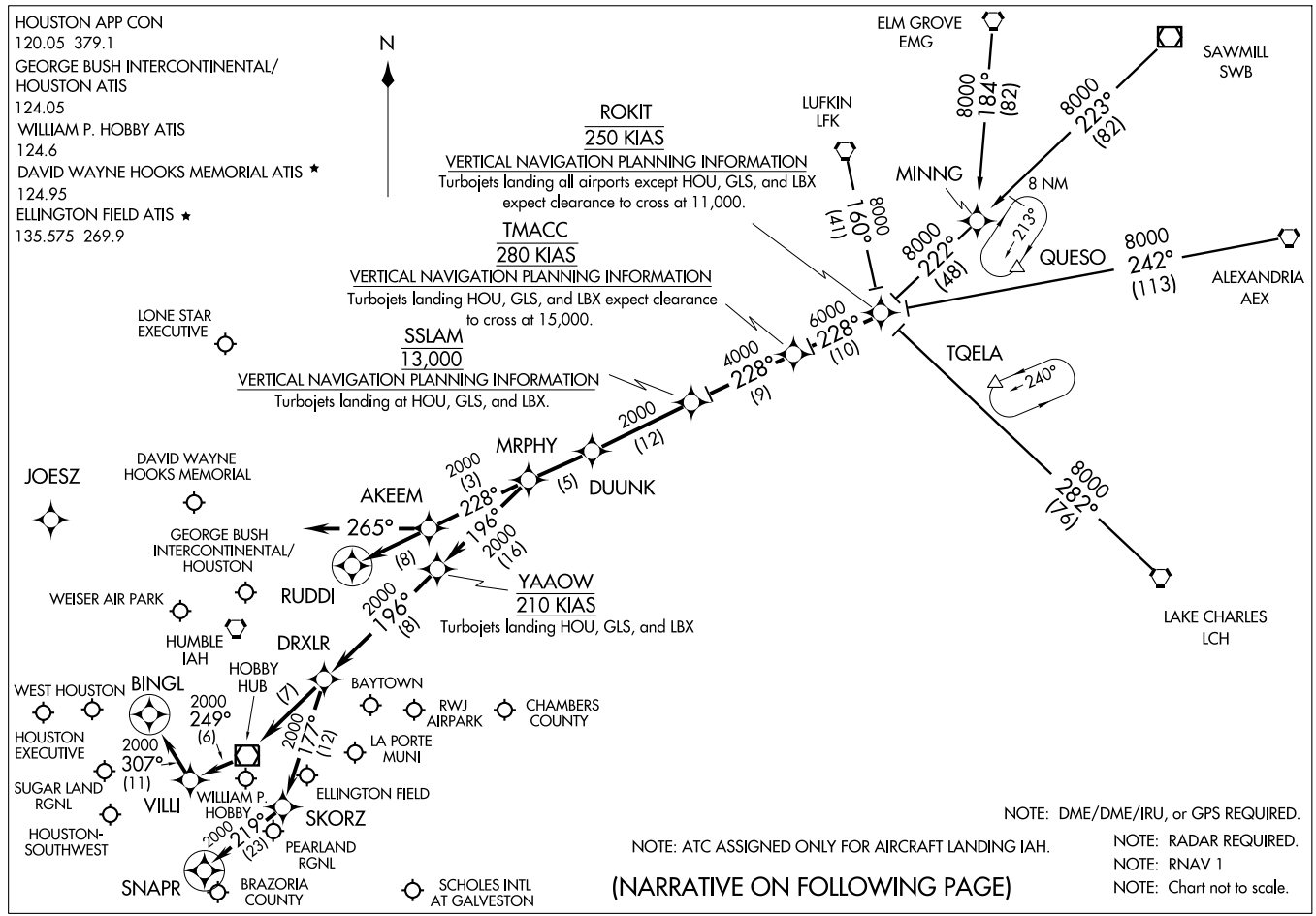




CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	640-1½ 395 (400-1½)			
LNAV MDA	660-1 415 (500-1)		660-1¼ 415 (500-1¼)	
CIRCLING	700-1 455 (500-1)		700-1 ½ 455 (500-1½)	800-2 555 (600-2)

REIL Rwy 32 L
MIRL Rwy 1-19
MIRL Rwy 14-32 L

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

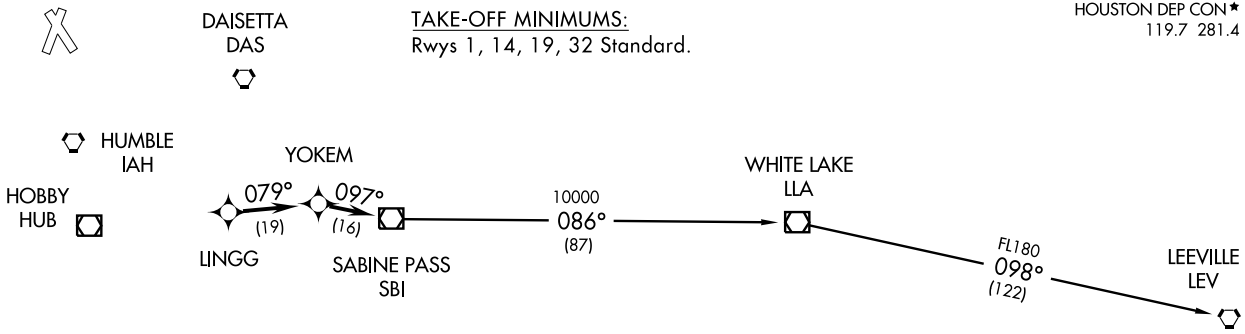
SC-5, 17 DEC 2009 to 14 JAN 2010

NOTE: Chart not to scale.

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER ★ 124.125 (CTAF) L
HOUSTON DEP CON ★ 119.7 281.4

TAKE-OFF MINIMUMS:
Rwys 1, 14, 19, 32 Standard.



TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/ 314' MSL. OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/ 258' MSL. Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL. Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/ 313' MSL.

Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/ 300' MSL. OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL. Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/ 306' MSL.

Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/ 315' MSL. Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.

Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL. Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL. Tree 2448' from DER, 990' right of centerline, 106' AGL/325' MSL.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBI) 09239

SL-5573 (FAA)

HOUSTON/ LONE STAR EXECUTIVE (CXO)
HOUSTON, TEXAS

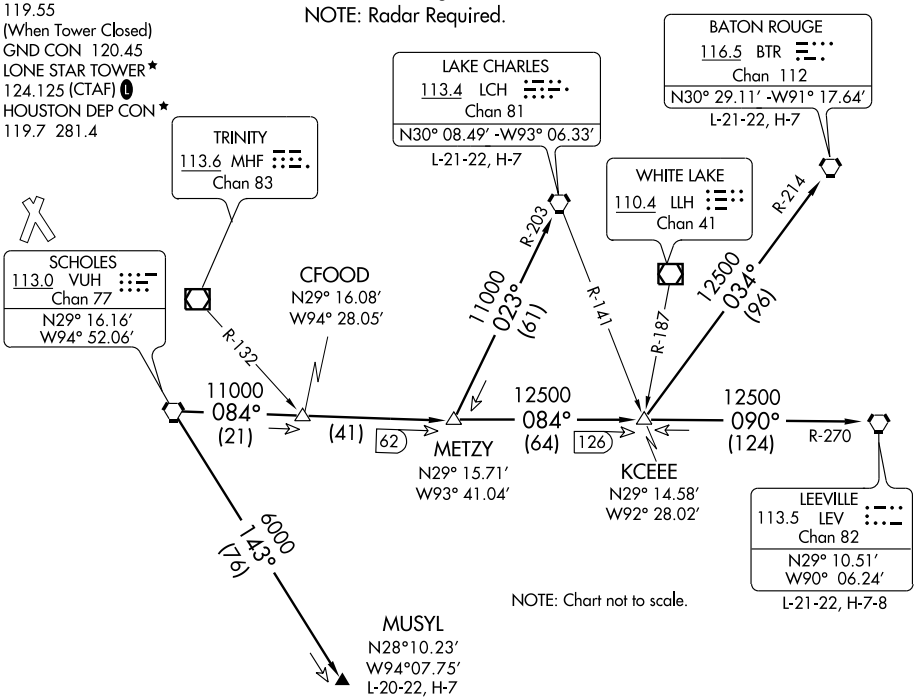
SCHOLES THREE DEPARTURE

SL-5573 (FAA)

HOUSTON, TEXAS

ATIS 118.325
LONE STAR CLNC DEL 120.45
HOUSTON CLNC DEL 119.55
(When Tower Closed)
GND CON 120.45
LONE STAR TOWER★ 124.125 (CTAF) L
HOUSTON DEP CON★ 119.7 281.4

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
Rwy 1, 14, 19, 32, standard.

(TAKE-OFF NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 1, Multiple trees beginning 1899' from DER, 11' left of centerline, up to 80' AGL/314' MSL. OL on glideslope 387' from DER, 404' right of centerline, 23' AGL/258' MSL. Tower 457' from DER, 387' right of centerline, 45' AGL/275' MSL. Multiple trees beginning 788' from DER, 134' right of centerline, up to 79' AGL/313' MSL.

Rwy 14, Multiple trees beginning 1655' from DER, 408' left of centerline, up to 81' AGL/300' MSL. OL on DME 401' from DER, 266' right of centerline, 21' AGL/255' MSL. Multiple trees beginning 1480' from DER, 80' right of centerline, up to 77' AGL/306' MSL.

Rwy 19, Multiple trees beginning 17' from DER, 157' left of centerline, up to 95' AGL/315' MSL. Multiple trees beginning 68' from DER, 156' right of centerline, up to 80' AGL/305' MSL.

Rwy 32, Vehicle and road 602' from DER, 551' left of centerline, 15' AGL/257' MSL. Pole 1411' from DER, 458' left of centerline, 29' AGL/268' MSL. Tree 2448' from DER, 990' right of centerline, 106' AGL/325' MSL.

HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS
124.05
DAVID WAYNE HOOKS MEMORIAL ATIS
124.95
LONE STAR EXECUTIVE ATIS
118.325

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.WOLDE2):

KLAMS TRANSITION (KLAMS.WOLDE2):

LEEVILLE TRANSITION (LEV.WOLDE2):

SABINE PASS TRANSITION (SBI.WOLDE2):

SEMMES TRANSITION (SJI.WOLDE2):

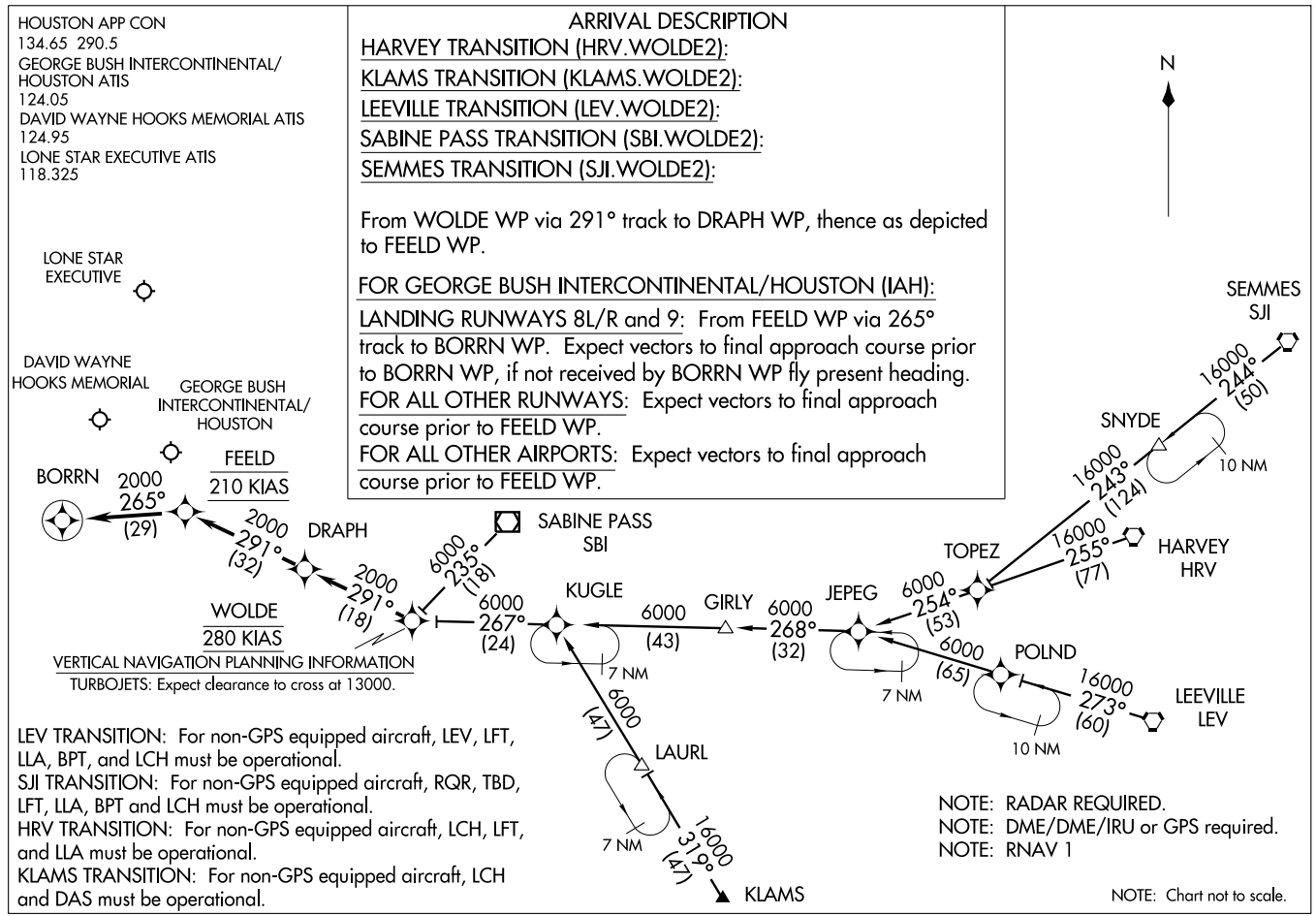
From WOLDE WP via 291° track to DRAPH WP, thence as depicted to FEELD WP.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/R and 9: From FEELD WP via 265° track to BORRN WP. Expect vectors to final approach course prior to BORRN WP, if not received by BORRN WP fly present heading.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course prior to FEELD WP.

FOR ALL OTHER AIRPORTS: Expect vectors to final approach course prior to FEELD WP.



VERTICAL NAVIGATION PLANNING INFORMATION
TURBOJETS: Expect clearance to cross at 13000.

LEV TRANSITION: For non-GPS equipped aircraft, LEV, LFT, LLA, BPT, and LCH must be operational.
SJI TRANSITION: For non-GPS equipped aircraft, RQR, TBD, LFT, LLA, BPT and LCH must be operational.
HRV TRANSITION: For non-GPS equipped aircraft, LCH, LFT, and LLA must be operational.
KLAMS TRANSITION: For non-GPS equipped aircraft, LCH and DAS must be operational.

NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1

NOTE: Chart not to scale.

(WOLDE.WOLDE2) 09183
WOLDE TWO ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS

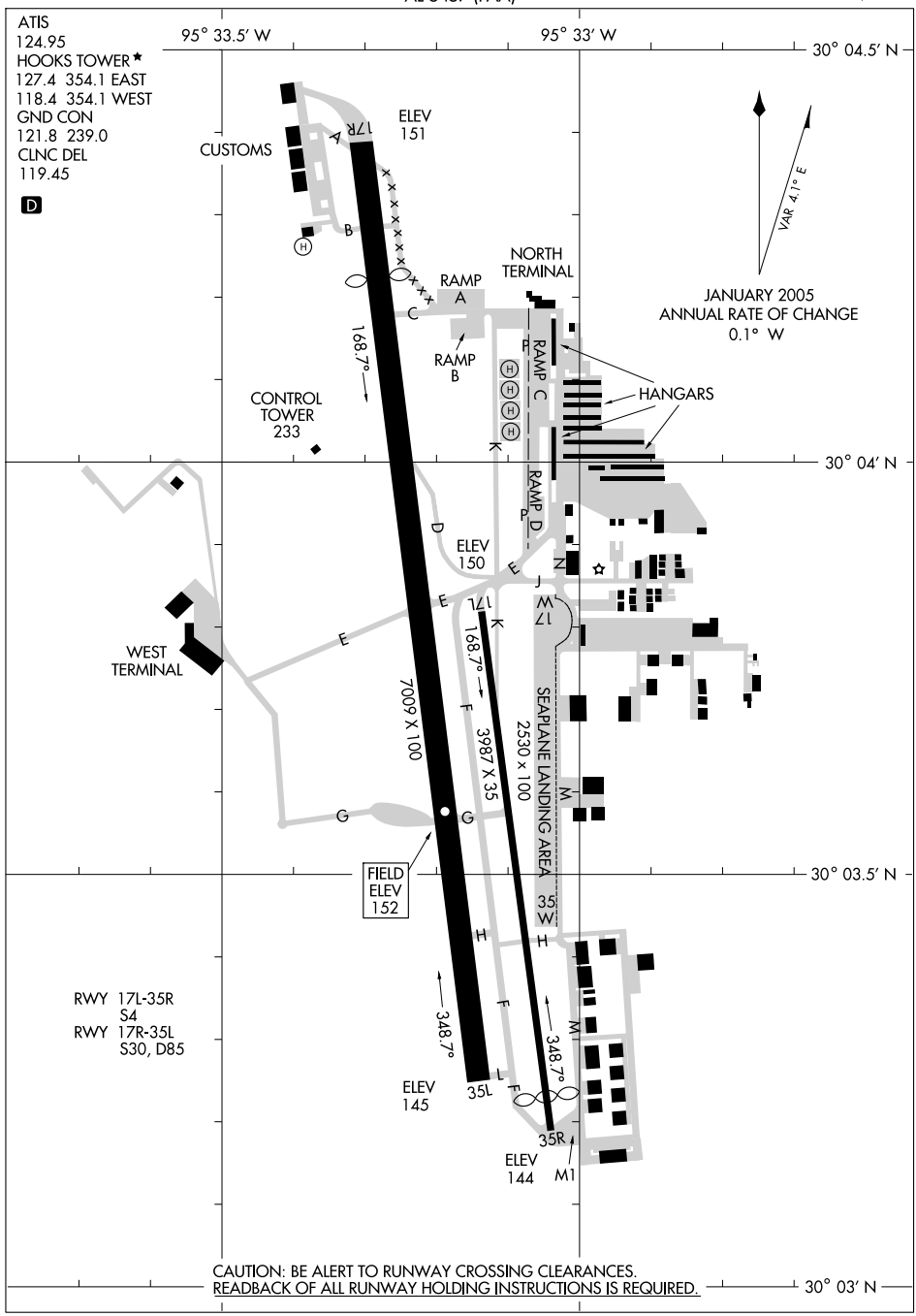
09071

AIRPORT DIAGRAM

HOUSTON/DAVID WAYNE HOOKS MEMORIAL (DWH)

AL-5457 (FAA)

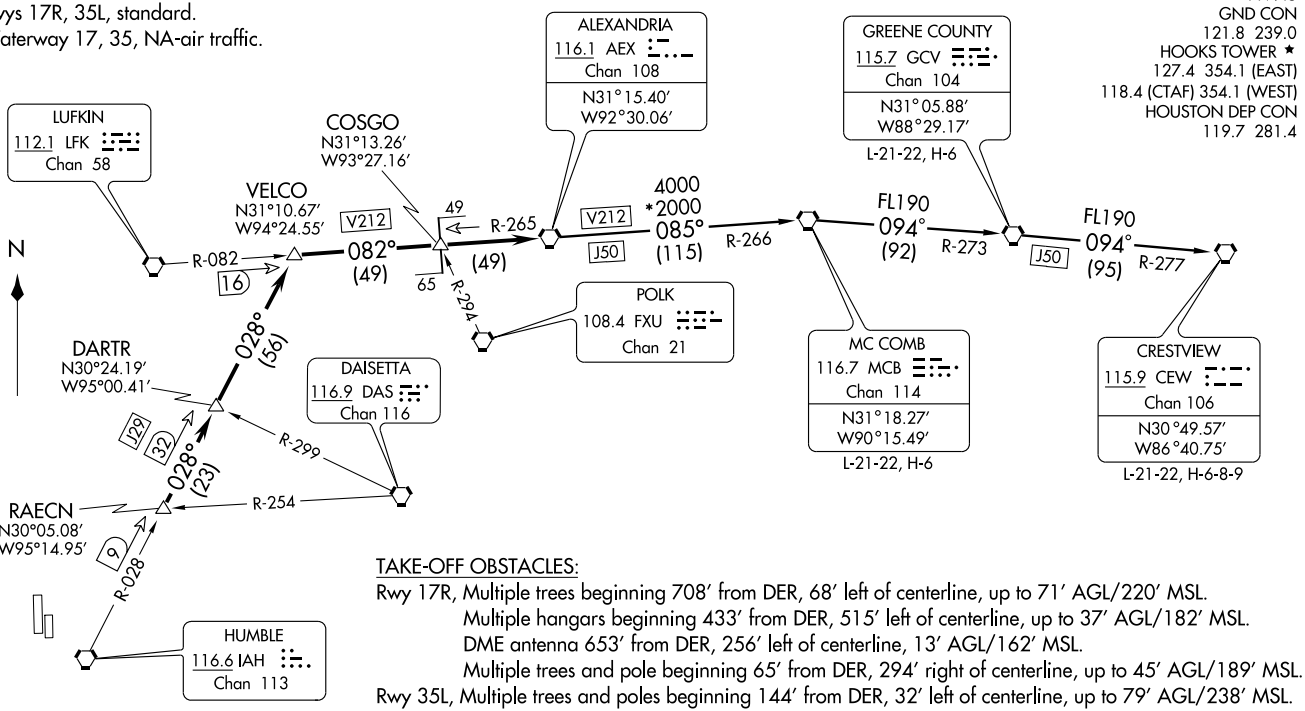
HOUSTON, TEXAS



SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF MINIMUMS:
Rwys 17L, 35R, NA-environmental
Rwys 17R, 35L, standard.
Waterway 17, 35, NA-air traffic.

ATIS 124.95
CLNC DEL 119.45
GND CON 121.8 239.0
HOOKS TOWER ★ 127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON 119.7 281.4



TAKE-OFF OBSTACLES:
Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL.
Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL.
DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL.
Multiple trees and pole beginning 65′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.
Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL.
Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL.
Multiple trees, towers, and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL
Vehicle and road 315′ from DER, on centerline 15′ AGL/166′ MSL.
Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

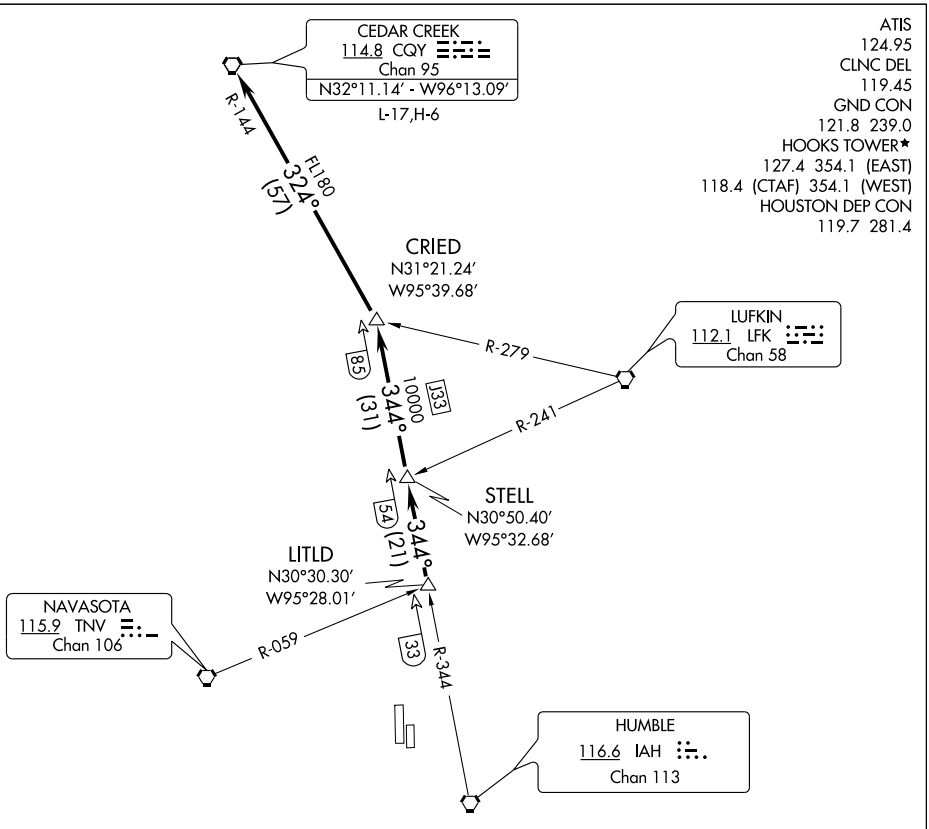
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

CRIED THREE DEPARTURE



TAKE-OFF MINIMUMS:

Rwy 17L, 35R, NA-environmental.
Rwy 17R, 35L, standard.
Waterway 17, 35, NA-air traffic.

NOTE: Radar Required.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

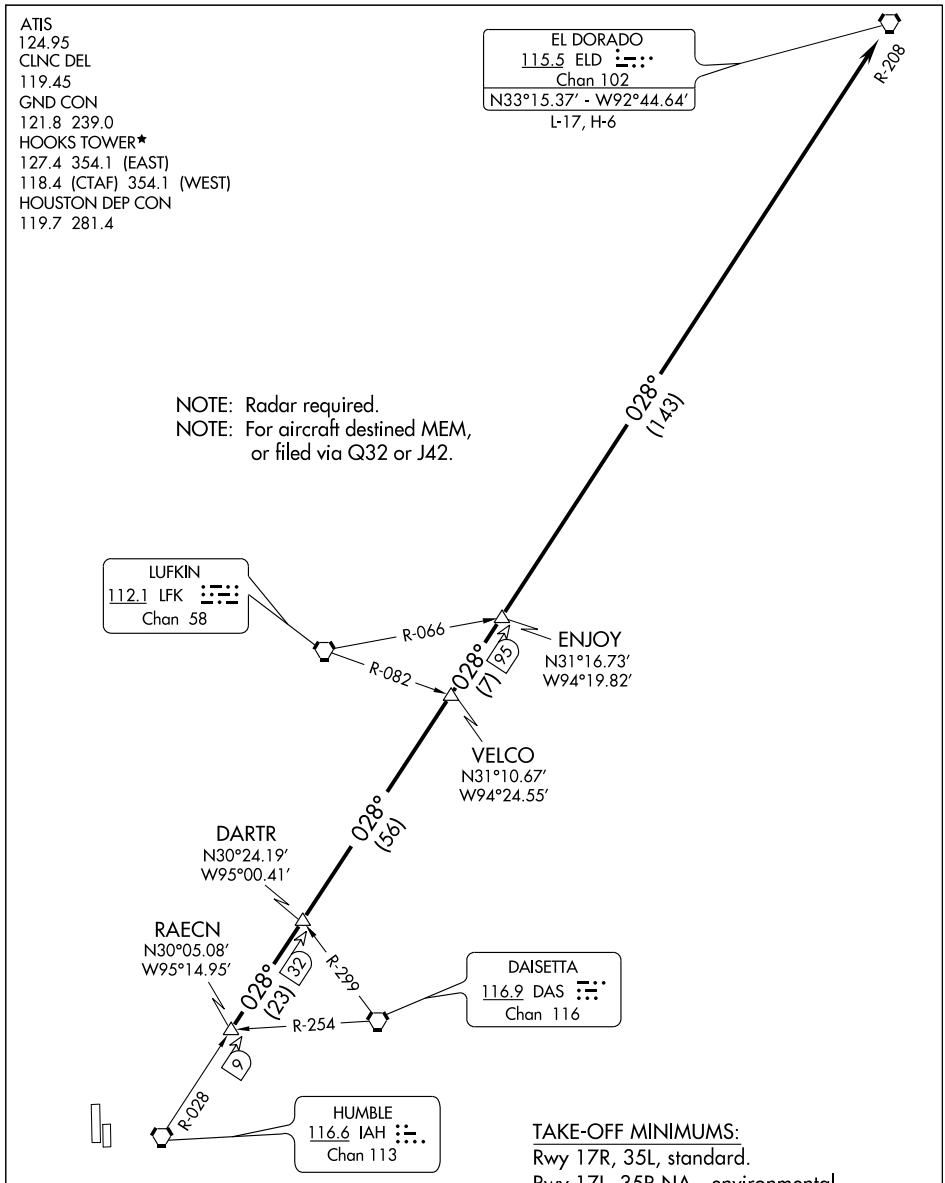
TAKE-OFF OBSTACLES:

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL. Multiple hangars beginning 433′ from DER, 515′ left of centerline, up tp 37′ AGL/182′ MSL. DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL. Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL. Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL. Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 315′ from DER, on centerline 15′ AGL/166′ MSL. Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

EL DORADO ONE DEPARTURE

HOUSTON/DAVID WAYNE HOOKS MEMORIAL (DWH)
SL-5457 (FAA)
HOUSTON, TEXAS



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

▼

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL. Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL. DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL. Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL. Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL. Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 315′, from DER, on centerline 15′ AGL/166′ MSL. Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

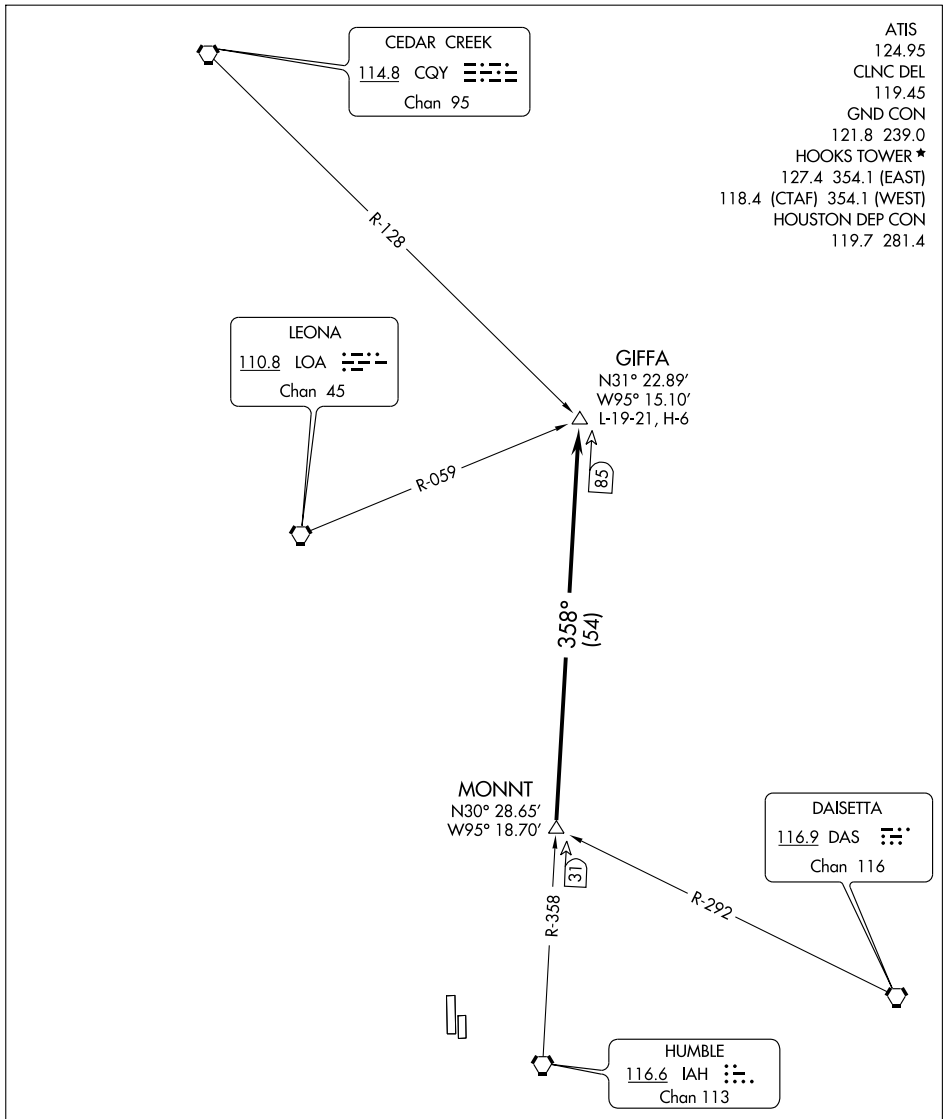
(GIFFA3.GIFFA) 09071

GIFFA THREE DEPARTURE

HOUSTON/DAVID WAYNE HOOKS MEMORIAL (DWH)

SL-5457 (FAA)

HOUSTON, TEXAS



NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

TAKE-OFF MINIMUMS:

Rwys 17L, 35R NA - environmental.

Rwys 17R, 35L, standard.

Waterway 17, 35 NA - air traffic.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

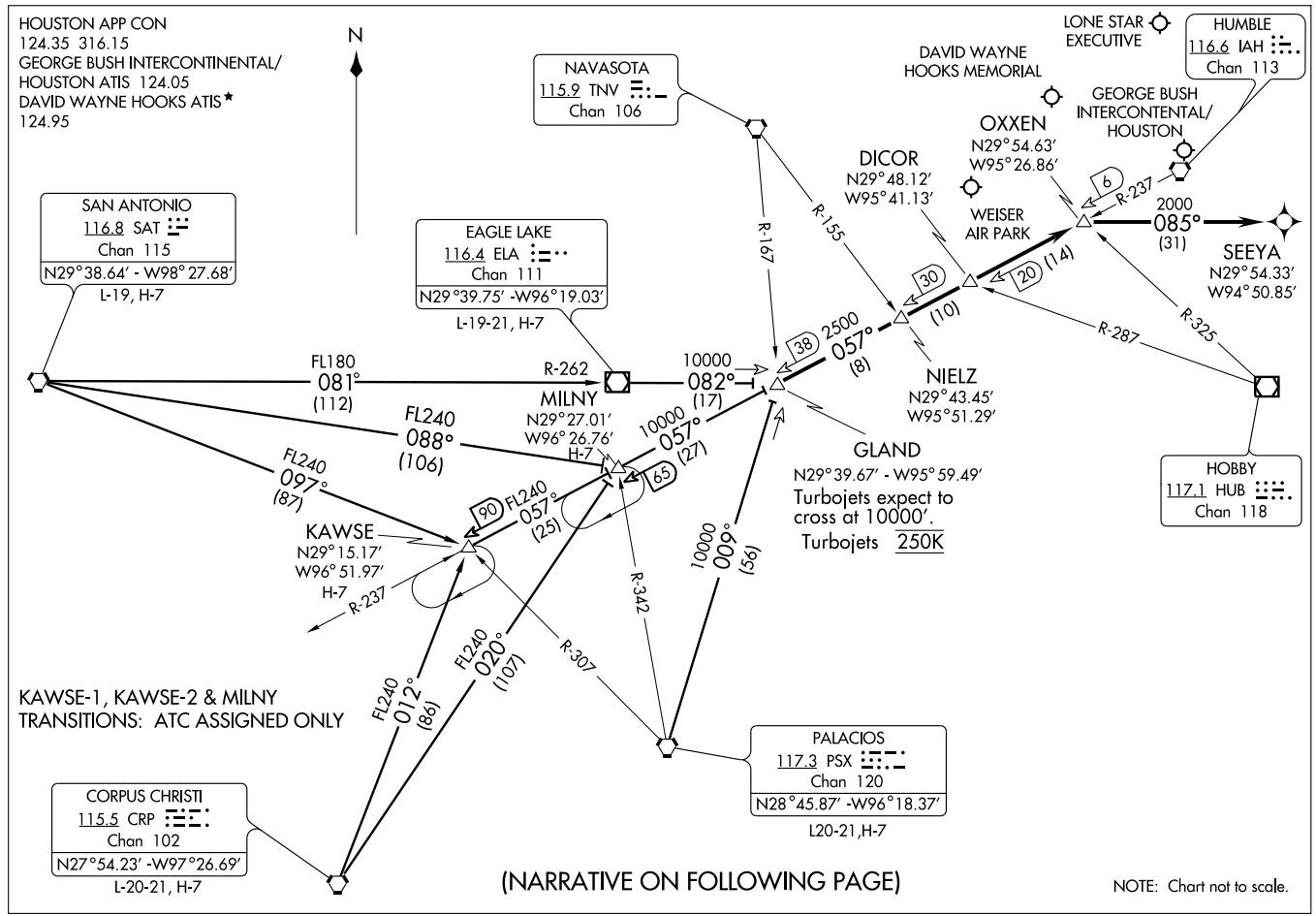
. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 17R, Multiple trees beginning 708' from DER, 68' left of centerline, up to 71' AGL/220' MSL.
Multiple hangars beginning 433' from DER, 515' left of centerline, up to 37' AGL/182' MSL.
DME antenna 653' from DER, 256' left of centelrine, 13' AGL/182' MSL.
Multiple trees and pole beginning 85' from DER, 294' right of centerline, up to 45' AGL/189' MSL.

Rwy 35L, Multiple trees and poles beginning 144' from DER, 32' left of centerline, up to 79' AGL/238' MSL.
Multiple hangars and buildings beginning 85' from DER, 9' left of centerline, up to 53' AGL/202' MSL.
Multiple trees, towers and pole beginning 100' from DER, 124' right of centerline, up to 93' AGL/247' MSL.
Vehicle and road 315' from DER, on centerline, 15' AGL/166' MSL.
Building 894' from DER, 231' right of centerline, 23' AGL/173' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



07298

GLAND THREE ARRIVAL (GLAND.GLAND3)

ST-5461 (FAA)

HOUSTON, TEXAS

GLAND THREE ARRIVAL (GLAND.GLAND3) HOUSTON, TEXAS

ARRIVAL DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.GLAND3): From over CRP VORTAC via CRP R-020 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

EAGLE LAKE TRANSITION (ELA.GLAND3): From over ELA VOR/DME via ELA R-082 to GLAND INT. Thence. . . .

KAWSE-1 TRANSITION (KAWSE-1.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-097 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

KAWSE-2 TRANSITION (KAWSE-2.GLAND3): (ATC assigned.) From over CRP VORTAC via CRP R-012 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

MILNY TRANSITION (MILNY.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-088 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

PALACIOS TRANSITION (PSX.GLAND3): From over PSX VORTAC via PSX R-009 to GLAND INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.GLAND3): From over SAT VORTAC via R-081 and ELA R-262 to ELA VOR/DME, then via ELA R-082 to GLAND INT. Thence. . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH): From over GLAND INT via IAH R-237 to OXXEN INT, landing runways 26 L/R or 27 fly heading 085° for vectors to final approach course. For /E, /F, /G, /R (RNP-2.0), equipped aircraft: from over OXXEN INT direct SEEYA WP, expect vector to final approach course prior to SEEYA WP, if not received by SEEYA WP fly present heading. All other runways, expect vectors to final approach course at or prior to OXXEN INT.

FOR ALL OTHER AIRPORTS: From over GLAND INT via IAH R-237 to OXXEN INT. Expect vectors to final approach course at or prior to OXXEN INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 124.95
CLNC DEL 119.45
GND CON
121.8 239.0
HOOKS TOWER *
127.4 354.1 EAST
118.4 (CTAF) 354.1 WEST
HOUSTON DEP CON
119.7 281.4

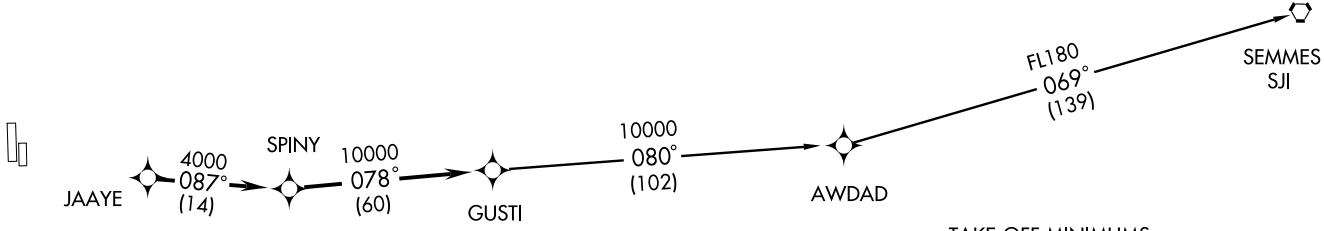
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to JAAYE, then via 087° track to SPINY, then via 078° track to GUSTI, thence . . . .

. . . . via (transition). Maintain 4000, expect clearance to filed altitude/flight level 10 minutes after departure.

AWDAD TRANSITION (GUSTI1.AWDAD)

SEMMES TRANSITION (GUSTI1.SJI)



TAKE-OFF OBSTACLES:

Rwy 17R, Multiple trees beginning 708' from DER, 68' left of centerline, up to 71' AGL/ 220' MSL. Multiple hangars beginning 433' from DER, 515' left of centerline, up to 37' AGL/182' MSL. DME antenna 653' from DER, 256' left of centerline, 13' AGL/162' MSL. Multiple trees and pole beginning 85' from DER, 294' right of centerline, up to 45' AGL/189' MSL.

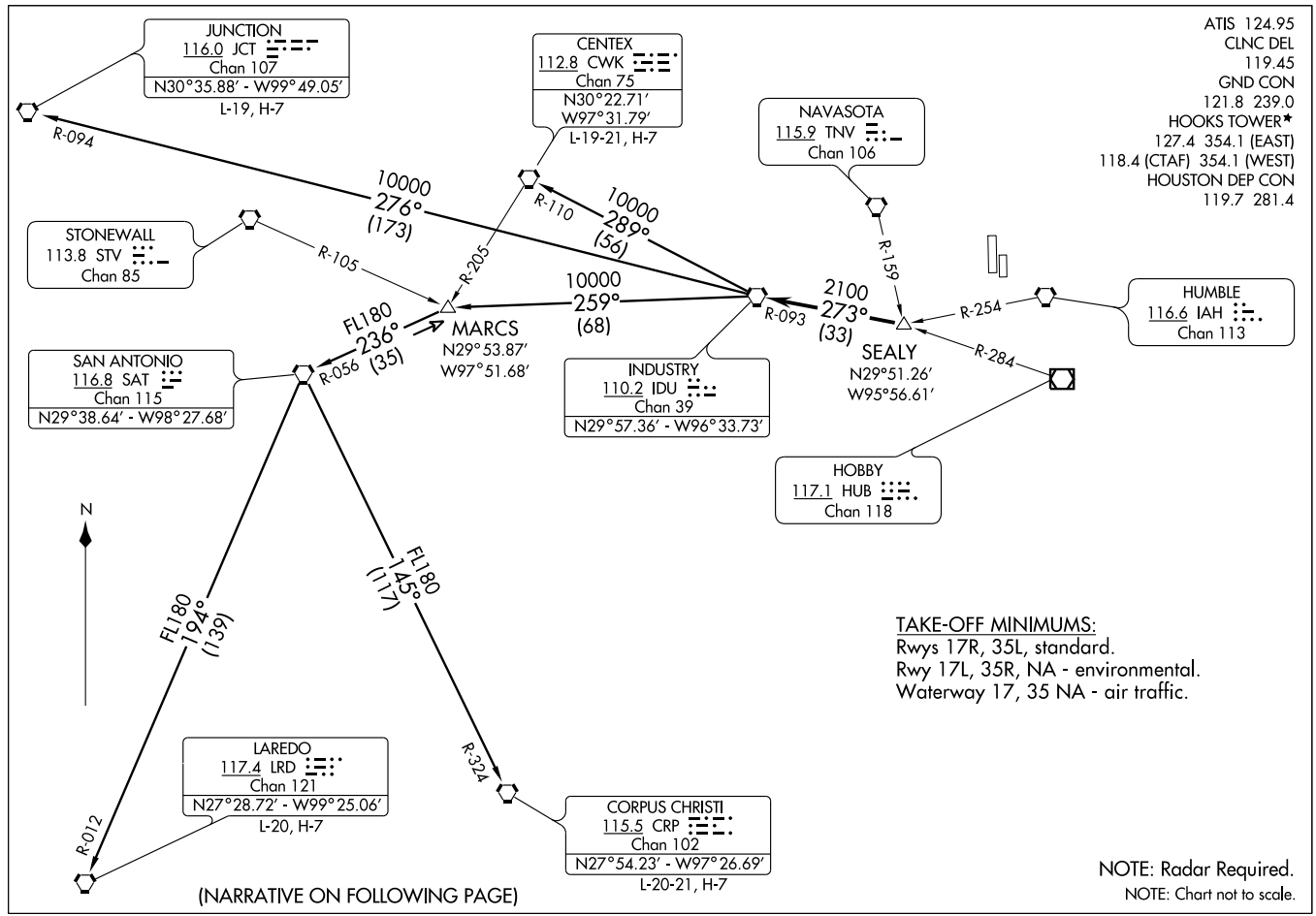
Rwy 35L, Multiple trees and poles beginning 144' from DER, 32' left of centerline, up to 79' AGL/238' MSL. Multiple hangars and buildings beginning 85' from DER, 9' left of centerline, up to 53' AGL/202' MSL. Multiple trees, towers and pole beginning 100' from DER, 124' right of centerline, up to 93' AGL/247' MSL. Vehicle and road 315' from DER, on centerline, 15' AGL/166' MSL. Building 894' from DER, 231' right of centerline, 23' AGL/173' MSL.

N

TAKE-OFF MINIMUMS:
Rwys 17R, 35L standard.
Rwy 17L, 35R NA - environmental.
Waterway 17, 35 NA - air traffic.

NOTE: RNAV 1.
NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS REQUIRED.
NOTE: For NON-GPS equipped aircraft; SBI, BPT, LCH, LFT, LLA, and HRV must be operational.

NOTE: Chart not to scale.



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

HOUSTON/DAVID WAYNE HOOKS MEMORIAL (DWH)

SL-5457 (FAA)

HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:

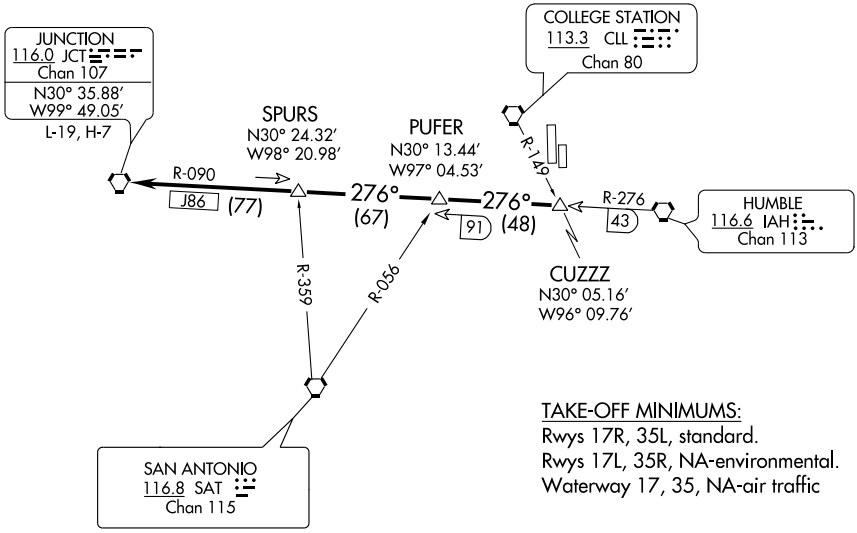
Rwy 17R, Multiple trees beginning 708' from DER, 68' left of centerline, up to 71' AGL/220' MSL. Multiple hangars beginning 433' from DER, 515' left of centerline, up to 37' AGL/182' MSL. DME antenna 653' from DER, 256' left of centerline, 13' AGL/162' MSL. Multiple trees and pole beginning 85' from DER, 294' right of centerline, up to 45' AGL/189' MSL.

Rwy 35L, Multiple trees and poles beginning 144' from DER, 32' left of centerline, up to 79' AGL/238' MSL. Multiple hangars and buildings beginning 85' from DER, 9' left of centerline, up to 53' AGL/202' MSL. Multiple trees, towers and pole beginning 100' from DER, 124' right of centerline, up to 93' AG:/247' MSL. Vehicle and road 315' from DER, on centerline, 15' AGL/166' MSL. Building 894' from DER, 231' right of centerline, 23' AGL/173' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

JUNCTION SIX DEPARTURE

ATIS 124.95
CLNC DEL 119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 EAST
118.4 354.1 WEST
HOUSTON DEP CON
119.7 281.4



TAKE-OFF MINIMUMS:
Rwys 17R, 35L, standard.
Rwys 17L, 35R, NA-environmental.
Waterway 17, 35, NA-air traffic

NOTE: Radar Required.
NOTE: For aircraft overflying JCT VORTAC via J86 filing FL240 or above.

NOTE: Chart not to scale.

(NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to CUZZZ INT, maintain 4,000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-276 and JCT R-090 to JCT VORTAC.

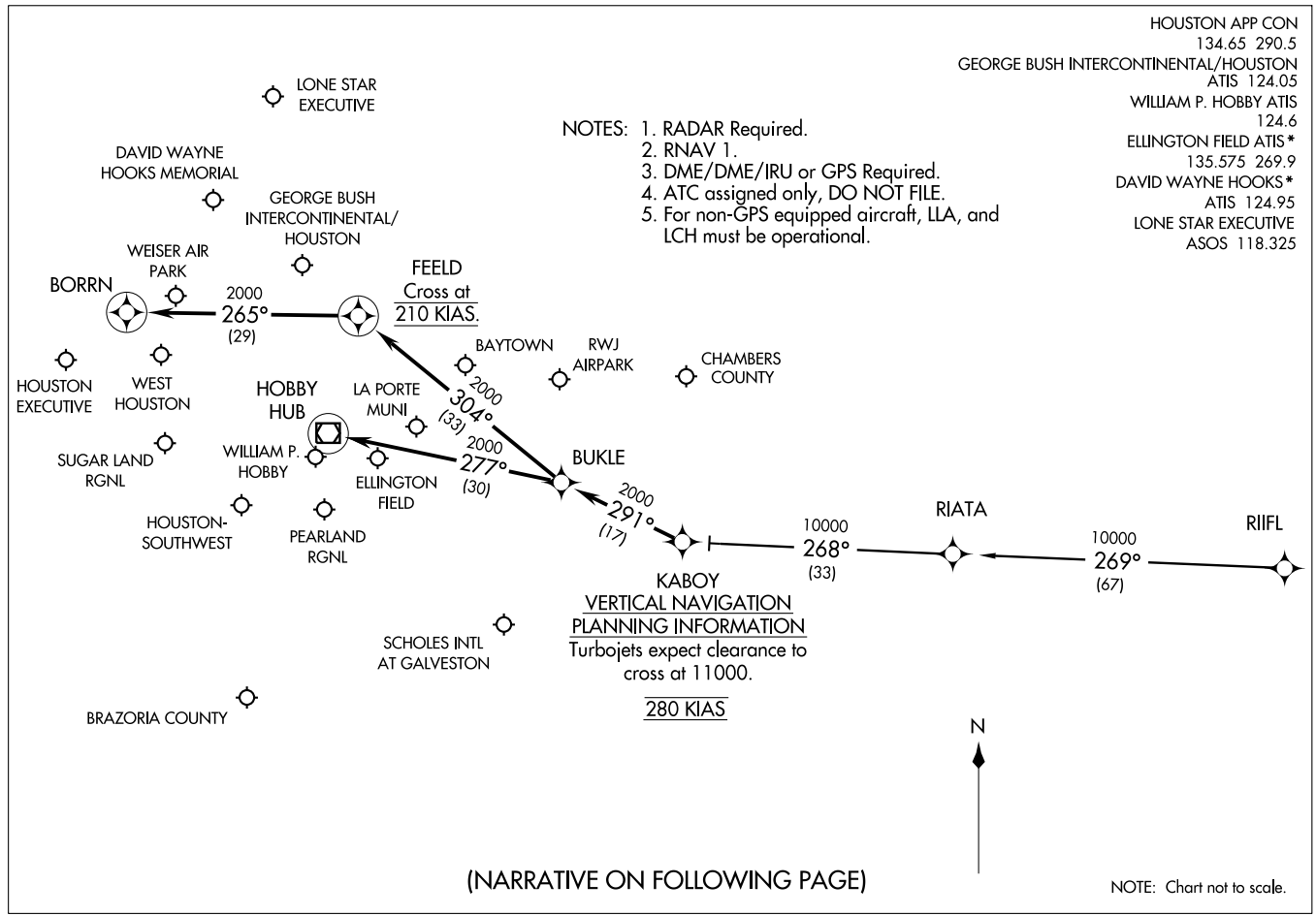
SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL. Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL. DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL. Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL. Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL. Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 316′ from DER, on centerline 15′ AGL/166′ MSL. Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

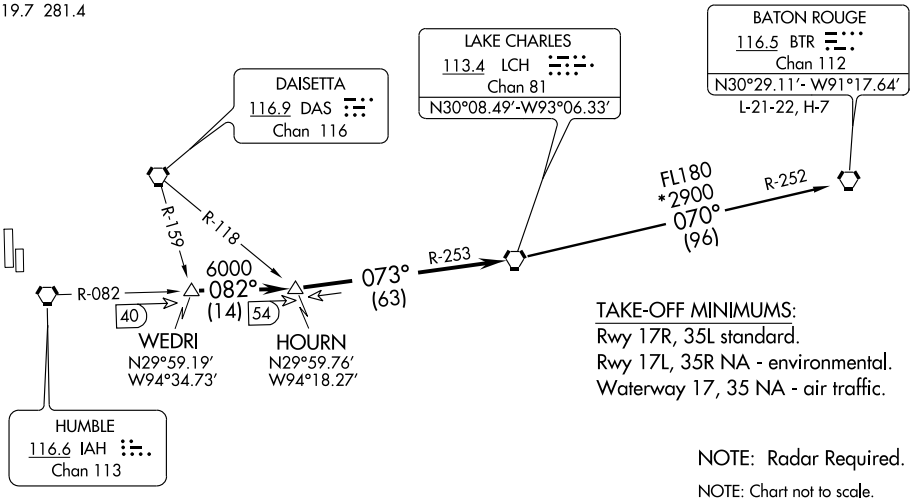
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LAKE CHARLES ONE DEPARTURE SL-5457 (FAA)

ATIS 124.95
CLNC DEL 119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4



TAKE-OFF MINIMUMS:
Rwy 17R, 35L standard.
Rwy 17L, 35R NA - environmental.
Waterway 17, 35 NA - air traffic.

NOTE: Radar Required.

NOTE: Chart not to scale.

TAKE-OFF OBSTACLES

Rwy 17R, Multiple trees beginning 708' from DER, 68' left of centerline, up to 71' AGL/220' MSL. Multiple hangars beginning 433' from DER, 515' left of centerline, up to 37' AGL/182' MSL. DME antenna 653' from DER, 256' left of centerline, 13' AGL/162' MSL. Multiple trees and pole beginning 85' from DER, 294' right of centerline, up to 45' AGL/189' MSL.

Rwy 35L, Multiple trees and poles beginning 144' from DER, 32' left of centerline, up to 79' AGL/238' MSL. Multiple hangars and buildings beginning 85' from DER, 9' left of centerline, up to 53' AGL/202' MSL. Multiple trees, towers and pole beginning 100' from DER, 124' right of centerline, up to 93' AGL/247' MSL. Vehicle and road 315' from DER, on centerline 15' AGL/166' MSL. Building 894' from DER, 231' right of centerline, 23' AGL/173' MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WEDRI INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-082 to HOURN INT, then via LCH R-253 to LCH VORTAC.

BATON ROUGE TRANSITION (LCH1.BTR): From over LCH VORTAC via LCH R-070 and BTR R-252 to BTR VORTAC.

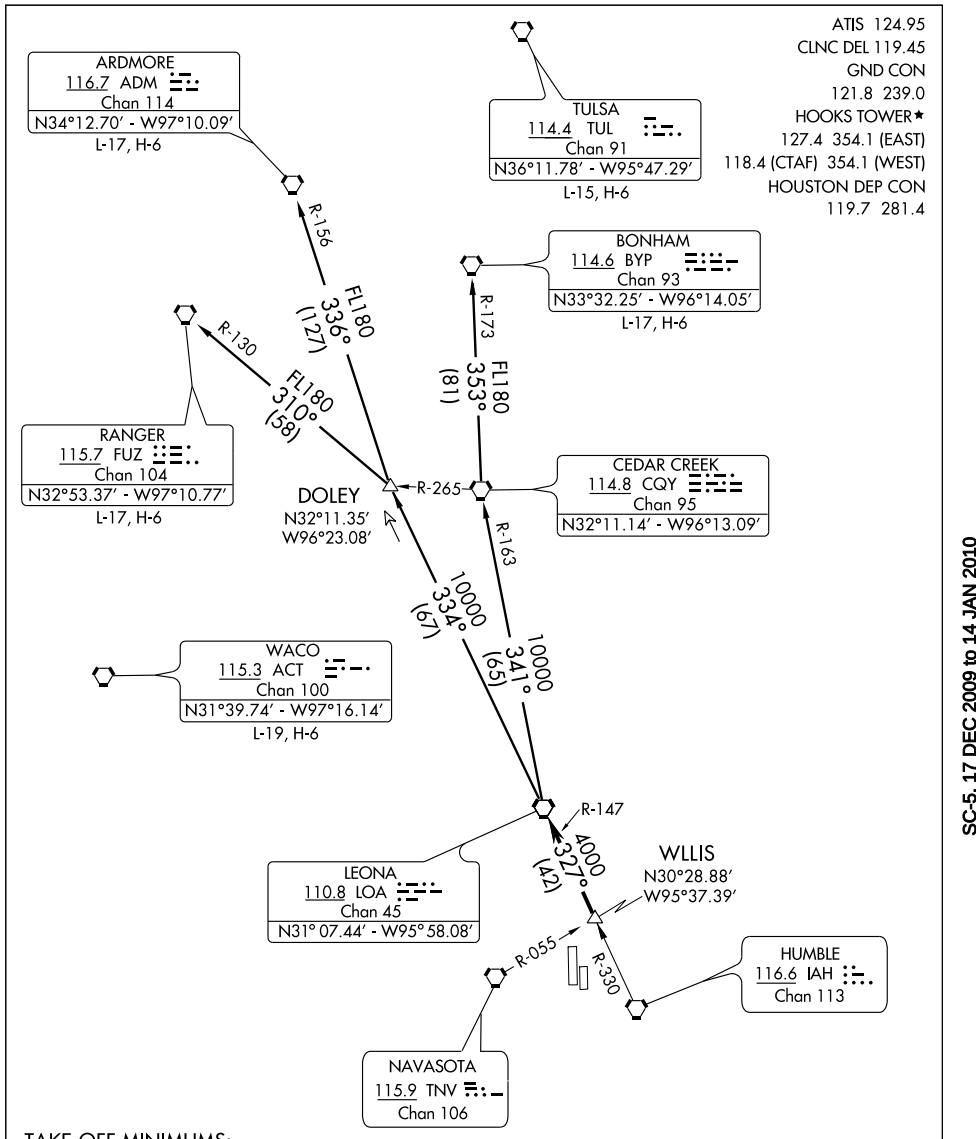
(LOA6.LOA) 09351

LEONA SIX DEPARTURE

HOUSTON/DAVID WAYNE HOOKS MEMORIAL (DWH)

SL-5457 (FAA)

HOUSTON, TEXAS



TAKE-OFF MINIMUMS:

Rwy 17R, 35L standard.

Rwy 17L, 35R NA - environmental.

Waterway 17, 35 NA - air traffic.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL. Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL. DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL. Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL. Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL. Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 315′ from DER, on centerline 15′ AGL/166′ MSL. Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

LOC I-HEW 110.5 Chan 42	APP CRS 168°	Rwy Idg 6012 TDZE 152 Apt Elev 152

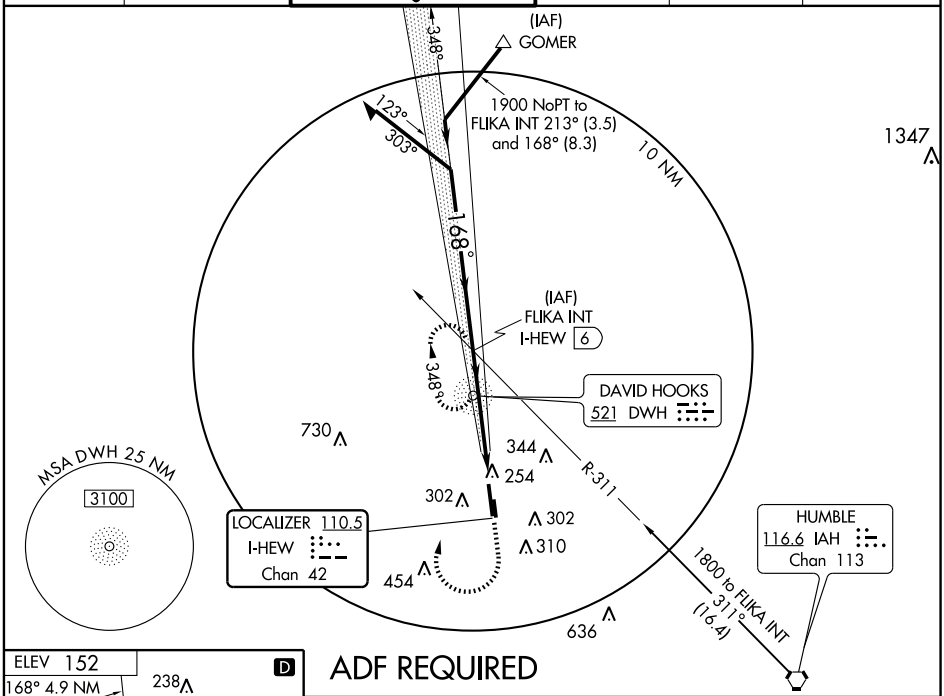
LOC RWY 17R

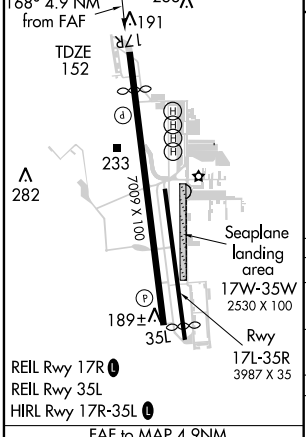
HOUSTON/ DAVID WAYNE HOOKS MEMORIAL (DWH)

Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting.
NA

MISSED APPROACH: Climb to 1000 then climbing right turn to 1800 direct DWH NDB and hold.

ATIS	HOUSTON APP CON	HOOKS TOWER★	GND CON	CLNC DEL	UNICOM
124.95	119.7 281.4	127.4 354.1 EAST 118.4 (CTAF) L 354.1 WEST	121.8 239.0	119.45	122.95

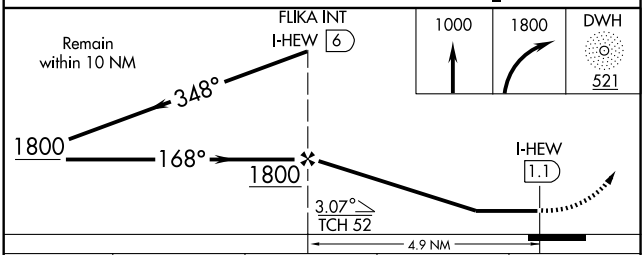




REIL Rwy 17R L
REIL Rwy 35L
HIRL Rwy 17R-35L L

FAF to MAP 4.9NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

ADF REQUIRED



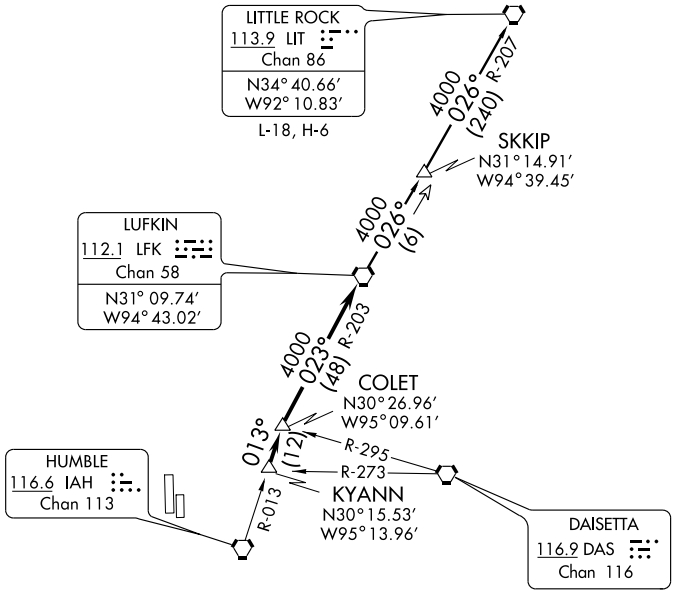
CATEGORY	A	B	C	D
S-17R	640-1 488 (500-1)		640-1¼ 488 (500-1¼)	640-1½ 488 (500-1½)
CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	660-1½ 508 (600-1½)	720-2 568 (600-2)
GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING MINIMUMS				
S-17R	660-1 508 (600-1)		660-1½ 508 (600-1½)	
CIRCLING	680-1 528 (600-1)	700-1 548 (600-1)	700-1 ½ 548 (600-1½)	720-2 568 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-5457 (FAA)

ATIS 124.95
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4



NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF MINIMUMS:
Rwys 17R, 35L, standard.
Rwy 17L, 35R NA - environmental.
Waterway 17, 35 NA - air traffic.

NOTE: Chart not to scale.

(NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

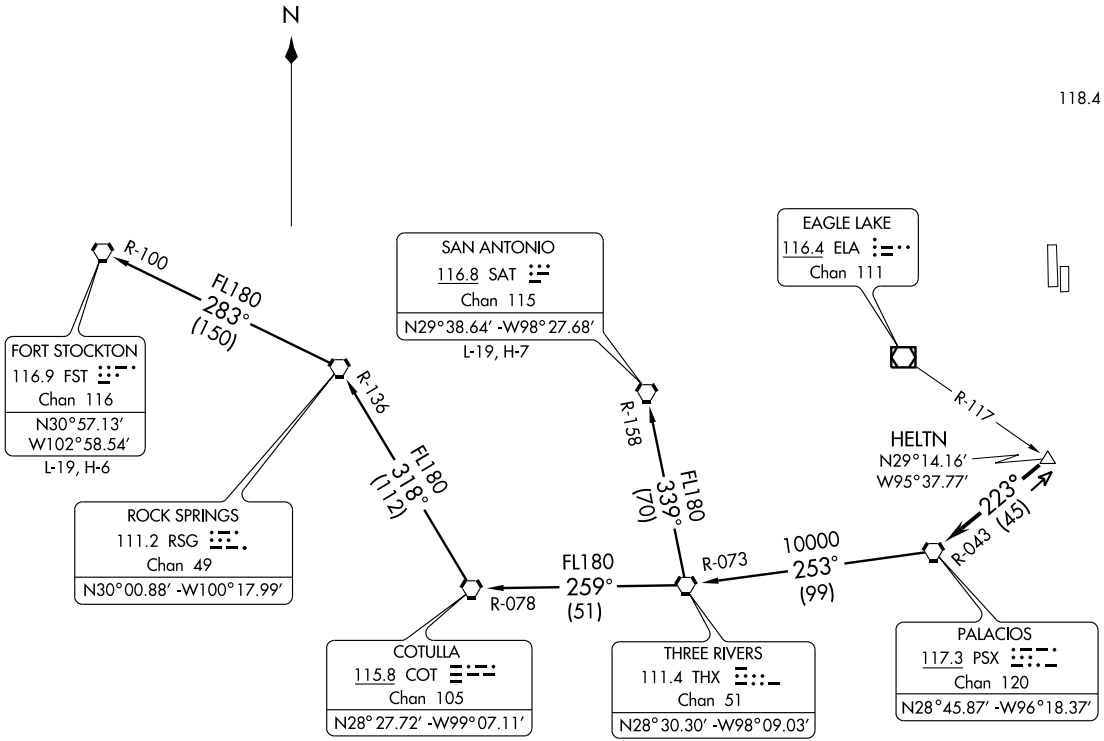
SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL.
Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL.
DME antenna 653′ from DER, 256′ left of centelrine, 13′ AGL/162′ MSL.
Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL.
Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL.
Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 315′ from DER, on centerline, 15′ AGL/166′ MSL.
Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

ATIS 124.95
CLNC DEL
119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4



TAKE-OFF MINIMUMS:
Rwys 17R, 35L, standard.
Rwys 17L, 35R NA - environmental.
Waterway 17, 35 NA - air traffic.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

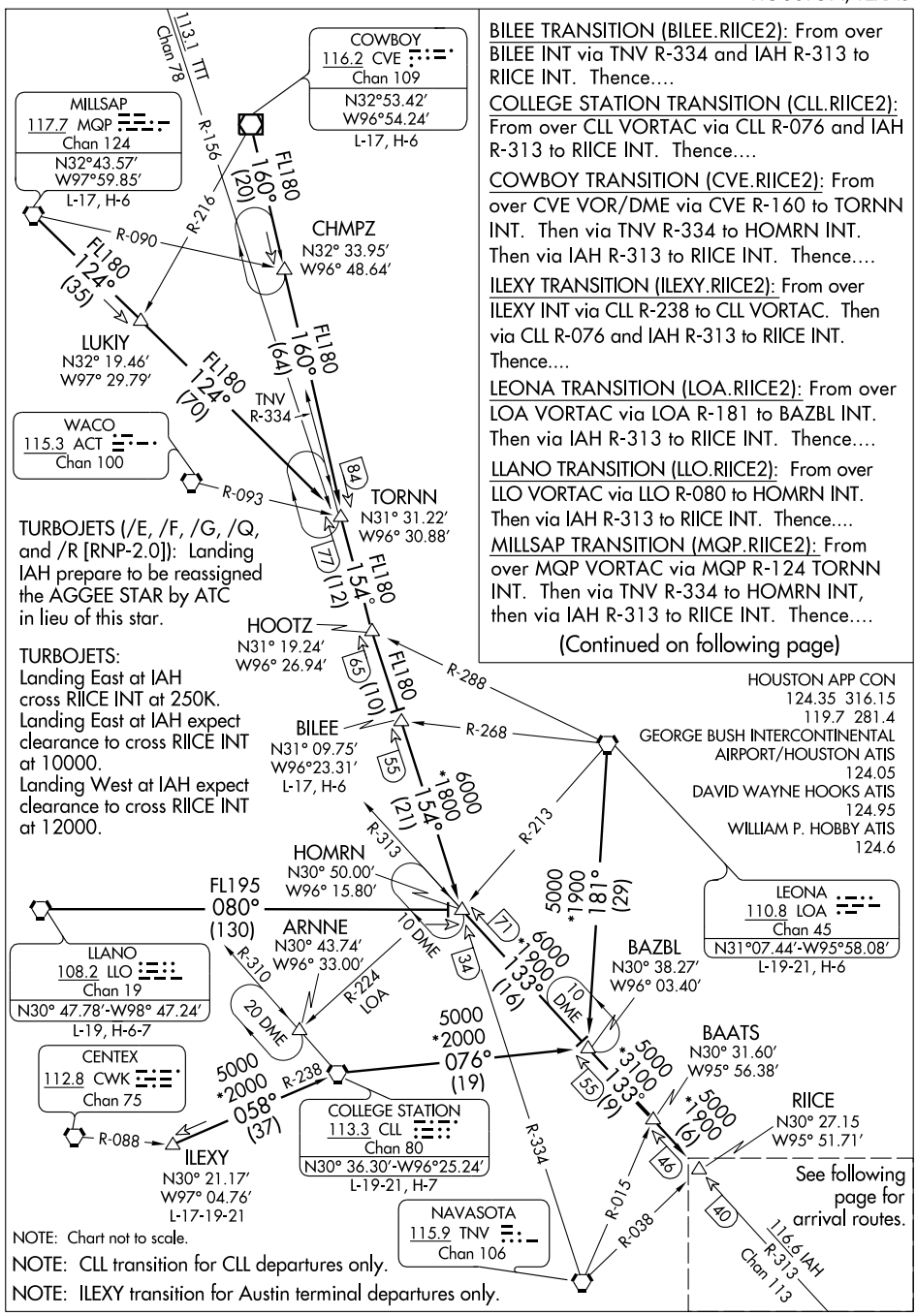
Rwy 17R, Multiple trees beginning 708' from DER, 68' left of centerline, up to 71' AGL/220' MSL.
Multiple hangars beginning 433' from DER, 515' left of centerline, up to 37' AGL/182' MSL.
DME antenna 653' from DER, 256' left of centerline, 13' AGL/162' MSL.
Multiple trees and poles beginning 85' from DER, 294' right of centerline, up to 45' AGL/189' MSL.

Rwy 35L, Multiple trees and poles beginning 144' from DER, 32' left of centerline, up to 79' AGL/238' MSL.
Multiple hangars and buildings beginning 85' from DER, 9' left of centerline, up to 53' AGL/202' MSL.
Multiple trees, towers and pole beginning 100' from DER, 124' right of centerline, up to 93' AGL/247' MSL.
Vehicle and road 315' from DER, on centerline 15' AGL/166' MSL.
Building 894' from DER, 231' right of centerline, 23' AGL/173' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

RIICE TWO ARRIVAL Transition Routes

HOUSTON, TEXAS



BILEE TRANSITION (BILEE.RIICE2): From over BILEE INT via TNV R-334 and IAH R-313 to RIICE INT. Thence....

COLLEGE STATION TRANSITION (CLL.RIICE2): From over CLL VORTAC via CLL R-076 and IAH R-313 to RIICE INT. Thence....

COWBOY TRANSITION (CVE.RIICE2): From over CVE VOR/DME via CVE R-160 to TORNN INT. Then via TNV R-334 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

ILEXY TRANSITION (ILEXY.RIICE2): From over ILEXY INT via CLL R-238 to CLL VORTAC. Then via CLL R-076 and IAH R-313 to RIICE INT. Thence....

LEONA TRANSITION (LOA.RIICE2): From over LOA VORTAC via LOA R-181 to BAZBL INT. Then via IAH R-313 to RIICE INT. Thence....

LLANO TRANSITION (LLO.RIICE2): From over LLO VORTAC via LLO R-080 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

MILLSAP TRANSITION (MQP.RIICE2): From over MQP VORTAC via MQP R-124 TORNN INT. Then via TNV R-334 to HOMRN INT, then via IAH R-313 to RIICE INT. Thence....

(Continued on following page)

NOTE: Chart not to scale.

NOTE: CLL transition for CLL departures only.

NOTE: ILEXY transition for Austin terminal departures only.

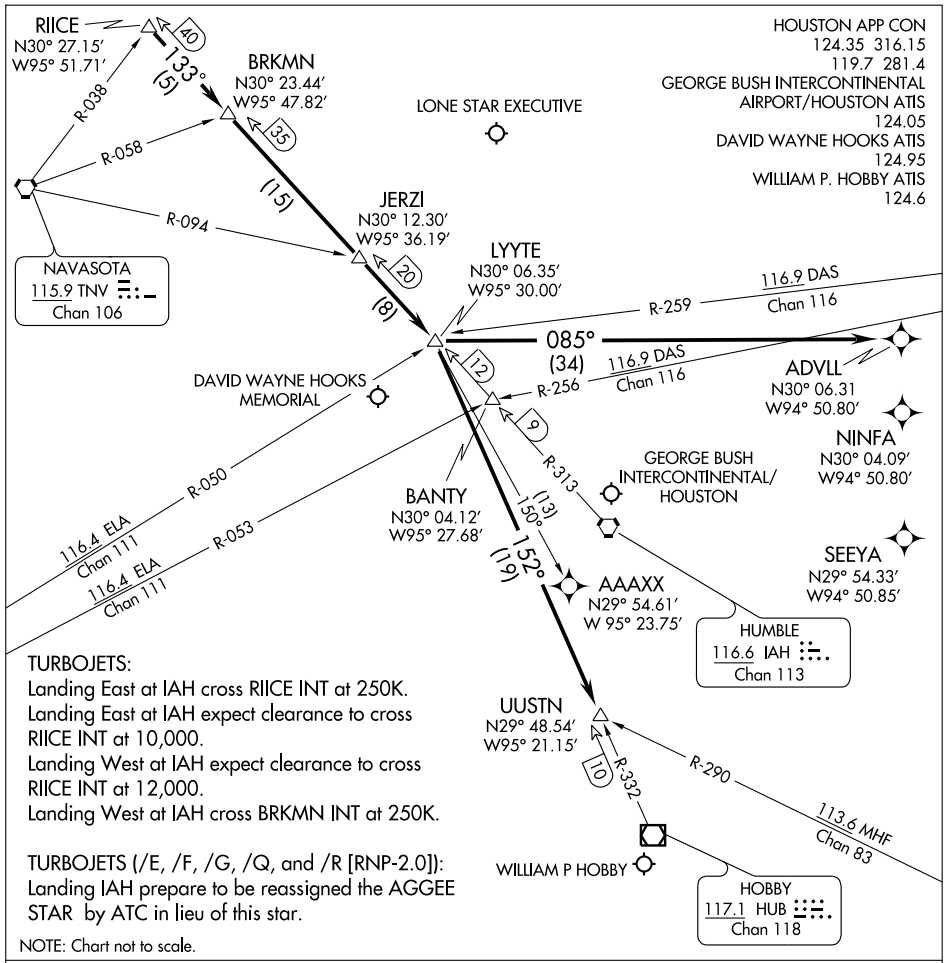
SC-5, 17 DEC 2009 to 14 JAN 2010

(RIICE.RIICE2) 08213

ST-5461 (FAA)

RIICE TWO ARRIVAL Arrival Routes

HOUSTON, TEXAS



TURBOJETS:
Landing East at IAH cross RIICE INT at 250K.
Landing East at IAH expect clearance to cross RIICE INT at 10,000.
Landing West at IAH expect clearance to cross RIICE INT at 12,000.
Landing West at IAH cross BRKMN INT at 250K.

TURBOJETS (/E, /F, /G, /Q, and /R [RNP-2.0]):
Landing IAH prepare to be reassigned the AGGEE STAR by ATC in lieu of this star.

NOTE: Chart not to scale.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
....From over RIICE INT via IAH R-313 to LYYTE INT. Landing Runway 26L/26R or 27; fly heading 085° for vectors to final approach course. For /E, /F, /G, /Q and /R (RNP-2.0), equipped aircraft from LYYTE INT direct ADVLL WP, expect vectors to final approach course prior to ADVLL WP; if not received by ADVLL WP, fly present heading.

WILLIAM P. HOBBY (HOU) (ATC ASSIGNED):
....From over RIICE INT via IAH R-313 to LYYTE INT, then via HUB R-332 to UUSTN INT, expect vectors to final approach course at or prior to UUSTN INT.

DAVID WAYNE HOOKS MEMORIAL (DWH) and LONE STAR EXCUTIVE (CXO):
....From over RIICE INT via IAH R-313 to LYYTE INT, expect vectors to final approach course at or prior to LYYTE INT.

ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to LYYTE INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6002
168°	TDZE	152
	Apt Elev	152

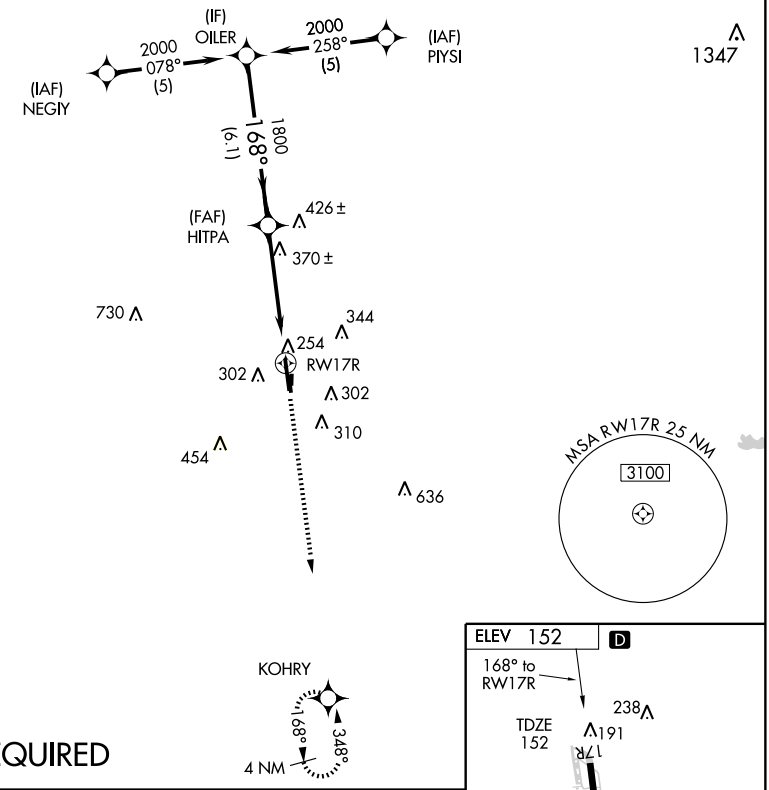
RNAV (GPS) RWY 17R

HOUSTON/ DAVID WAYNE HOOKS MEMORIAL (DWH)

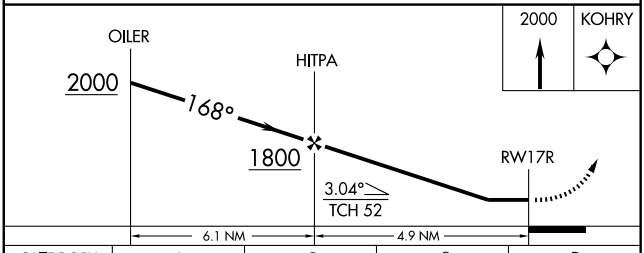
If local altimeter setting not received, use George Bush Intercontinental/Houston altimeter setting and increase all MDAs 40 feet. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

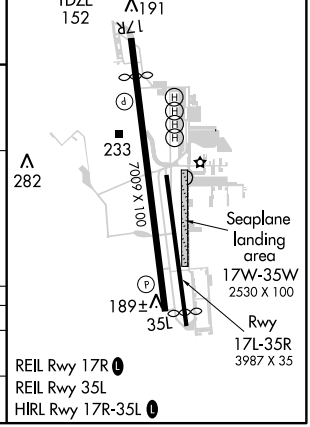
MISSED APPROACH: Climb to 2000 direct KOHRY and hold.

ATIS	HOUSTON APP CON	HOOKS TOWER★	GND CON	CLNC DEL	UNICOM
124.95	119.7 281.4	127.4 354.1 EAST 118.4 (CTAF) L 354.1 WEST	121.8 239.0	119.45	122.95



RADAR REQUIRED





CATEGORY	A	B	C	D
LNAV MDA	620-1 468 (500-1)		620-1¼ 468 (500-1¼)	620-1½ 468 (500-1½)
CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	660-1½ 508 (600-1½)	720-2 568 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 6700
CH 45603	348°	TDZE 152
W35A		Apt Elev 152

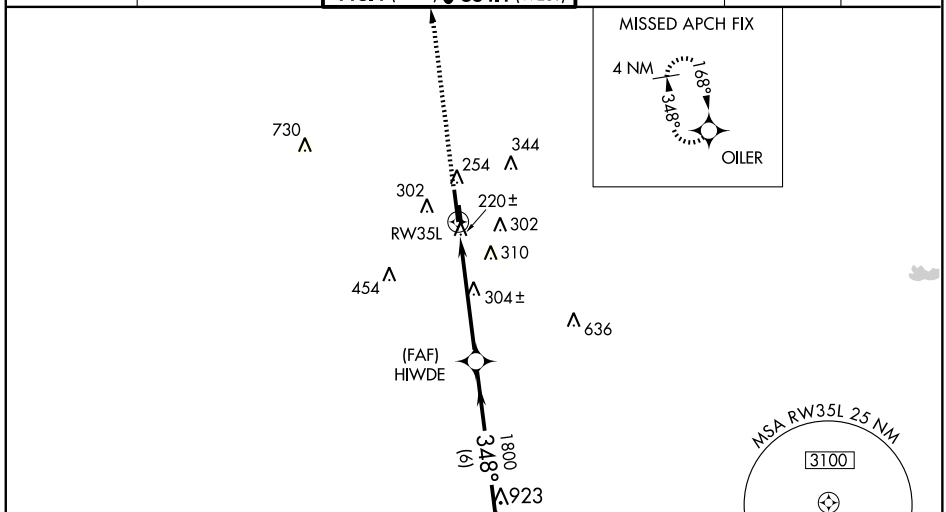
RNAV (GPS) RWY 35L

HOUSTON/ DAVID WAYNE HOOKS MEMORIAL (DWH)

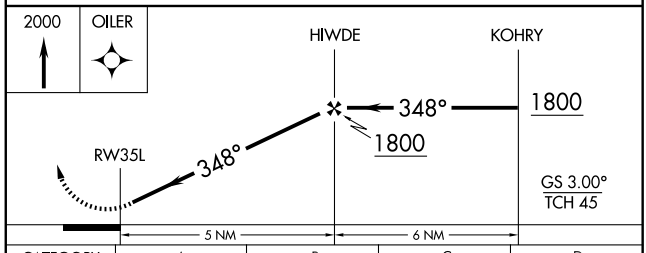
Baro-VNAV NA when using George Bush Intercontinental/Houston altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-15°C (5°F) or above 48°C (119°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
If local altimeter setting not received, use George Bush Intercontinental/Houston altimeter setting and increase all DAs 36 feet, and all MDAs 40 feet.

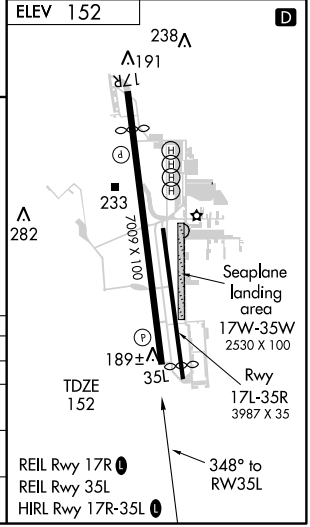
MISSED APPROACH: Climb to 2000 direct OILER and hold.

ATIS	HOUSTON APP CON	HOOKS TOWER★	GND CON	CLNC DEL	UNICOM
124.95	119.7 281.4	127.4 354.1 (EAST) 118.4 (CTAF) L 354.1 (WEST)	121.8 239.0	119.45	122.95



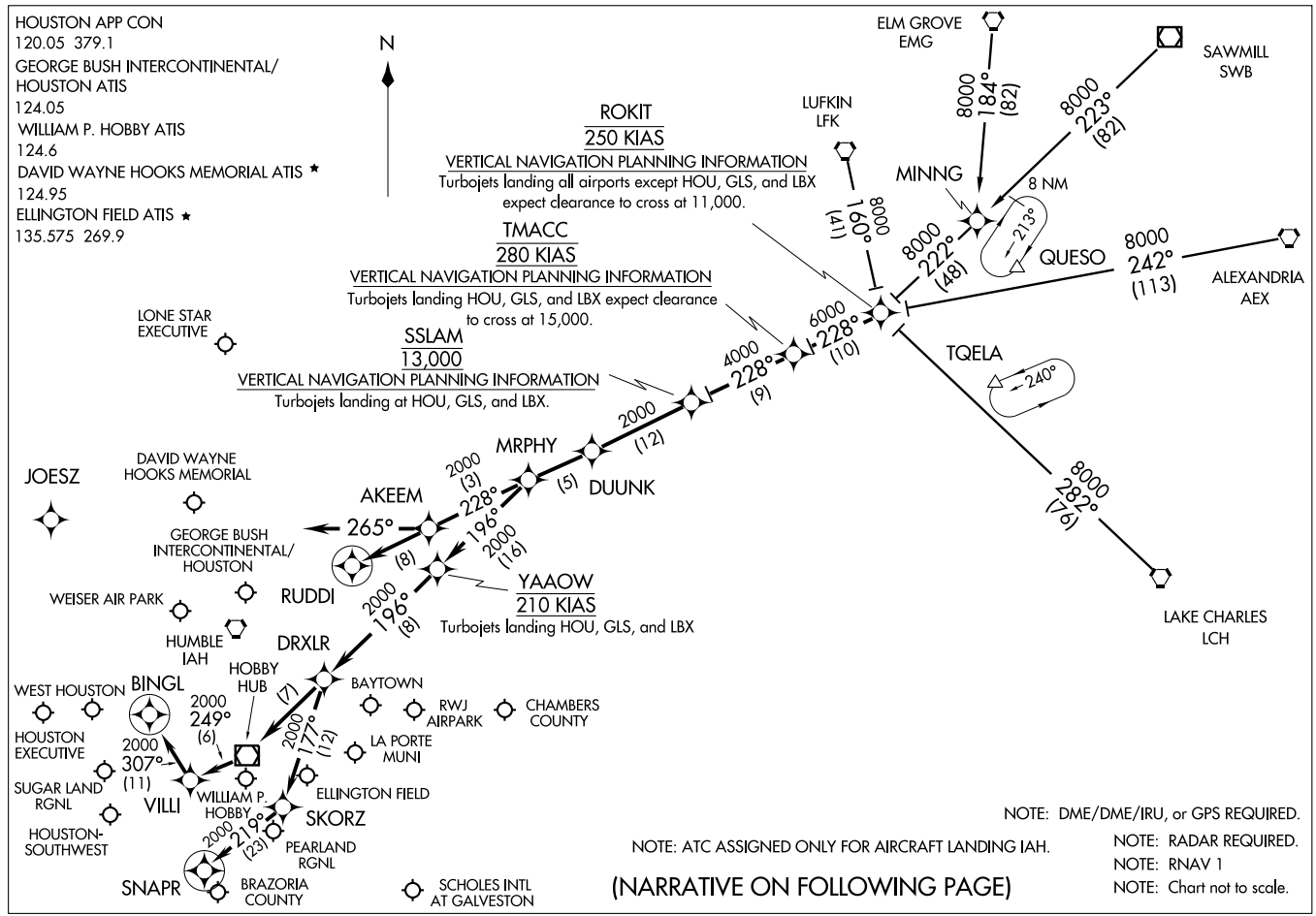
RADAR REQUIRED





CATEGORY	A	B	C	D
LPV DA	451-1	299 (300-1)		
LNAV/ VNAV DA	552-1½	400 (400-1½)		
LNAV MDA	560-1	408 (500-1)	560-1¼ 408 (500-1¼)	560-1½ 408 (500-1½)
CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	660-1½ 508 (600-1½)	720-2 568 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

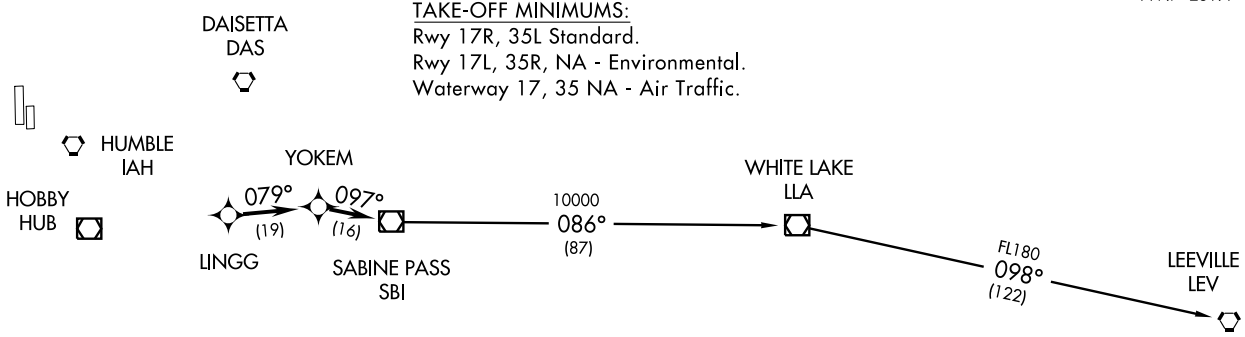
SC-5, 17 DEC 2009 to 14 JAN 2010

NOTE: Chart not to scale.

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ATIS 124.95
CLNC DEL 119.45
GND CON
121.8 239.0
HOOKS TOWER ★
127.4 354.1 (EAST)
118.4 (CTAF) 354.1 (WEST)
HOUSTON DEP CON
119.7 281.4

TAKE-OFF MINIMUMS:
Rwy 17R, 35L Standard.
Rwy 17L, 35R, NA - Environmental.
Waterway 17, 35 NA - Air Traffic.



TAKE-OFF OBSTACLES:
Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL. Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL. DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL. Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.
Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL. Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL. Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL. Vehicle and road 315′ from DER, on centerline 15′ AGL/166′ MSL. Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

DEPARTURE ROUTE DESCRIPTION

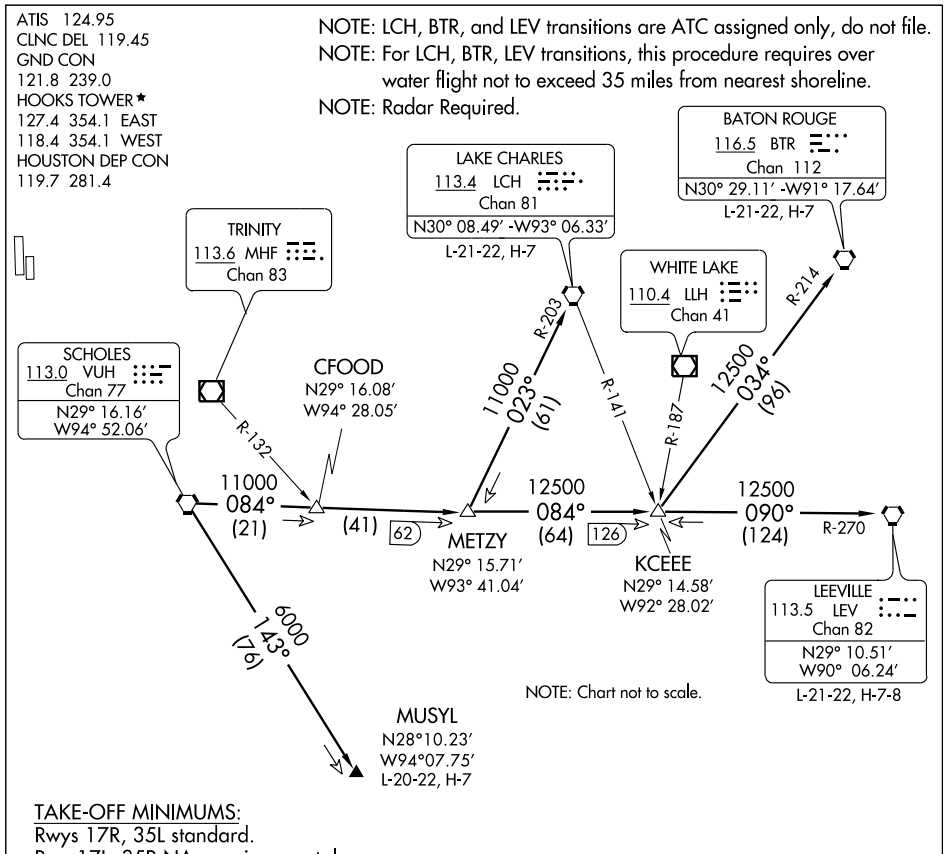
Expect vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

SCHOLES THREE DEPARTURE

SL-5457 (FAA)



TAKE-OFF MINIMUMS:
Rwys 17R, 35L standard.
Rwy 17L, 35R NA - environmental.
Waterway 17, 35 NA - air traffic.

(TAKE-OFF NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 17R, Multiple trees beginning 708′ from DER, 68′ left of centerline, up to 71′ AGL/220′ MSL.
Multiple hangars beginning 433′ from DER, 515′ left of centerline, up to 37′ AGL/182′ MSL.
DME antenna 653′ from DER, 256′ left of centerline, 13′ AGL/162′ MSL.
Multiple trees and pole beginning 85′ from DER, 294′ right of centerline, up to 45′ AGL/189′ MSL.

Rwy 35L, Multiple trees and poles beginning 144′ from DER, 32′ left of centerline, up to 79′ AGL/238′ MSL.
Multiple hangars and buildings beginning 85′ from DER, 9′ left of centerline, up to 53′ AGL/202′ MSL.
Multiple trees, towers and pole beginning 100′ from DER, 124′ right of centerline, up to 93′ AGL/247′ MSL.
Vehicle and road 315′ from DER, on centerline, 15′ AGL/166′ MSL.
Building 894′ from DER, 231′ right of centerline, 23′ AGL/173′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC IAH	APP CRS	Rwy Idg	6700
116.6	348°	TDZE	152
Chan 113		Apt Elev	152

VOR/DME RNAV RWY 35L

HOUSTON/ DAVID WAYNE HOOKS MEMORIAL (DWH)

Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting.

MISSED APPROACH: Climb to 1800 direct OILER and hold.

ATIS	HOUSTON APP CON	HOOKS TOWER ★	GND CON	CLNC DEL	UNICOM
124.95	119.7 281.4	127.4 354.1 EAST 118.4 (CTAF) L 354.1 WEST	121.8 239.0	119.45	122.95

MSA RW35L 25 NM
3100

4 NM 168° 348°

OILER
N30°14.11′ -W95°34.71′
116.6 IAH 319.0° -20.6
90

1347

730 344 254 302 302 310 454 636

MAP
N30°03.25′ -W95°33.12′
116.6 IAH 293.5°-12.2
90

FAF
HIWDE
N29°58.30′ -W95°32.40′
116.6 IAH 270.0°-10.2
90

2000 121° (10.1)

348° (5)

2000 242° (10.3)

STRUK
N29°59.25′ -W95°41.07′
116.6 IAH 271.0°-17.8
90

HUMBLE
116.6 IAH
Chan 113

168° 348°

IAF
KOHRY
N29°53.32′ -W95°31.67′
116.6 IAH 241.8°-10.3
90

4 NM

ELEV 152 D

238 191 17R 233 282 7009 X 100

Seaplane landing area

17W-35W
2530 X 100

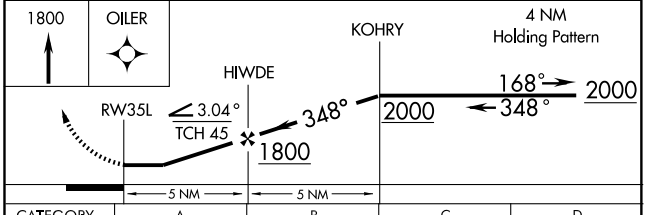
TDZE
152
189±

35L

Rwy 17L-35R
3987 X 35

REIL Rwy 17R L
REIL Rwy 35L
HIRL Rwy 17R-35L L

348° to MAP WP



CATEGORY	A	B	C	D
S-35L	620-1 468 (500-1)		620-1¼ 468 (500-1¼)	620-1½ 468 (500-1½)
CIRCLING	640-1 488 (500-1)	660-1 508 (600-1)	660-1½ 508 (600-1½)	720-2 568 (600-2)
GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING MINIMUMS				
S-35L	660-1 508 (600-1)		660-1½ 508 (600-1½)	
CIRCLING	680-1 528 (600-1)	700-1 548 (600-1)	700-1½ 548 (600-1½)	720-2 568 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS
124.05
DAVID WAYNE HOOKS MEMORIAL ATIS
124.95
LONE STAR EXECUTIVE ATIS
118.325

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.WOLDE2):

KLAMS TRANSITION (KLAMS.WOLDE2):

LEEVILLE TRANSITION (LEV.WOLDE2):

SABINE PASS TRANSITION (SBI.WOLDE2):

SEMMES TRANSITION (SJI.WOLDE2):

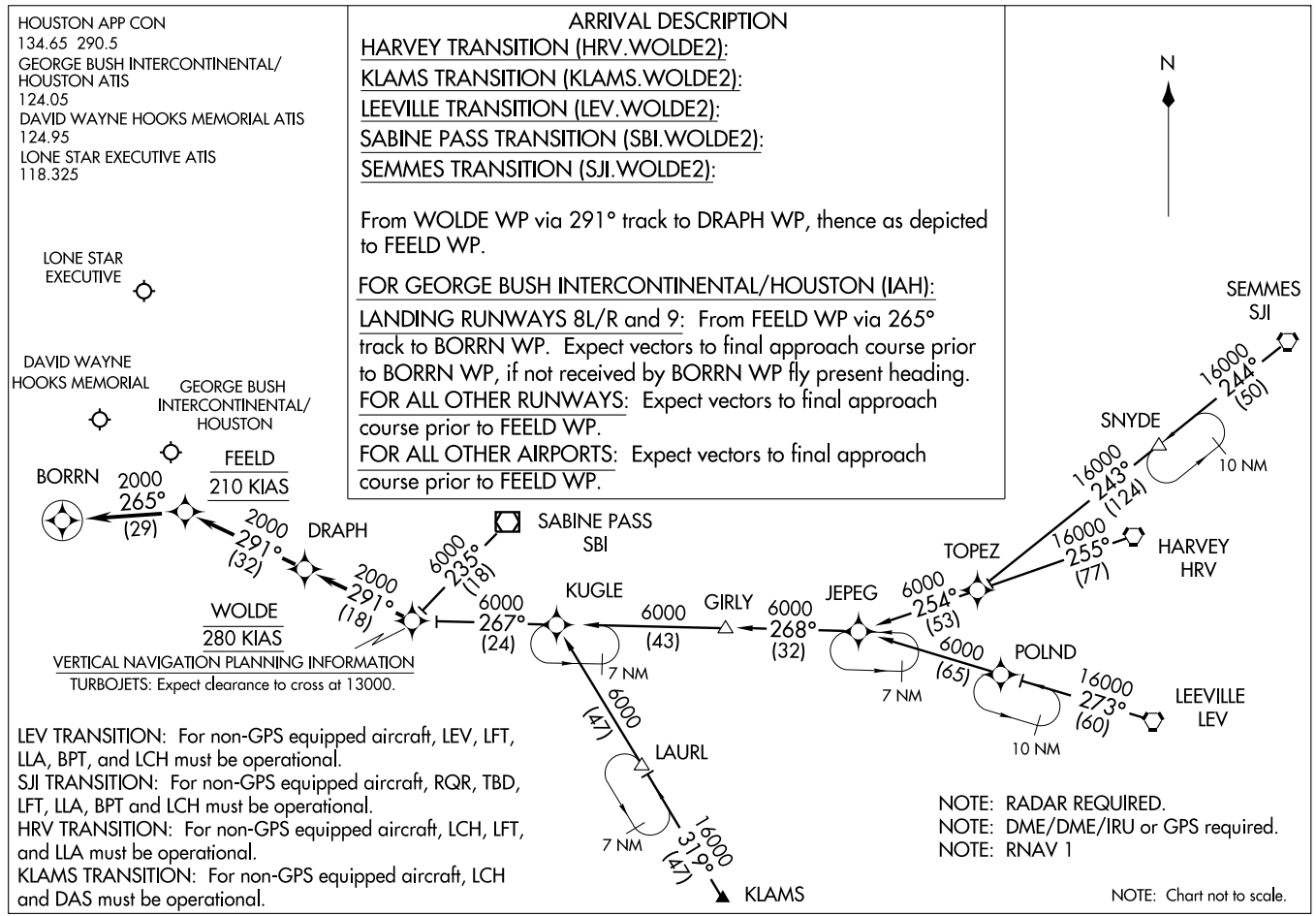
From WOLDE WP via 291° track to DRAPH WP, thence as depicted to FEELD WP.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/R and 9: From FEELD WP via 265° track to BORRN WP. Expect vectors to final approach course prior to BORRN WP, if not received by BORRN WP fly present heading.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course prior to FEELD WP.

FOR ALL OTHER AIRPORTS: Expect vectors to final approach course prior to FEELD WP.



VERTICAL NAVIGATION PLANNING INFORMATION
TURBOJETS: Expect clearance to cross at 13000.

LEV TRANSITION: For non-GPS equipped aircraft, LEV, LFT, LLA, BPT, and LCH must be operational.
SJI TRANSITION: For non-GPS equipped aircraft, RQR, TBD, LFT, LLA, BPT and LCH must be operational.
HRV TRANSITION: For non-GPS equipped aircraft, LCH, LFT, and LLA must be operational.
KLAMS TRANSITION: For non-GPS equipped aircraft, LCH and DAS must be operational.

NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1

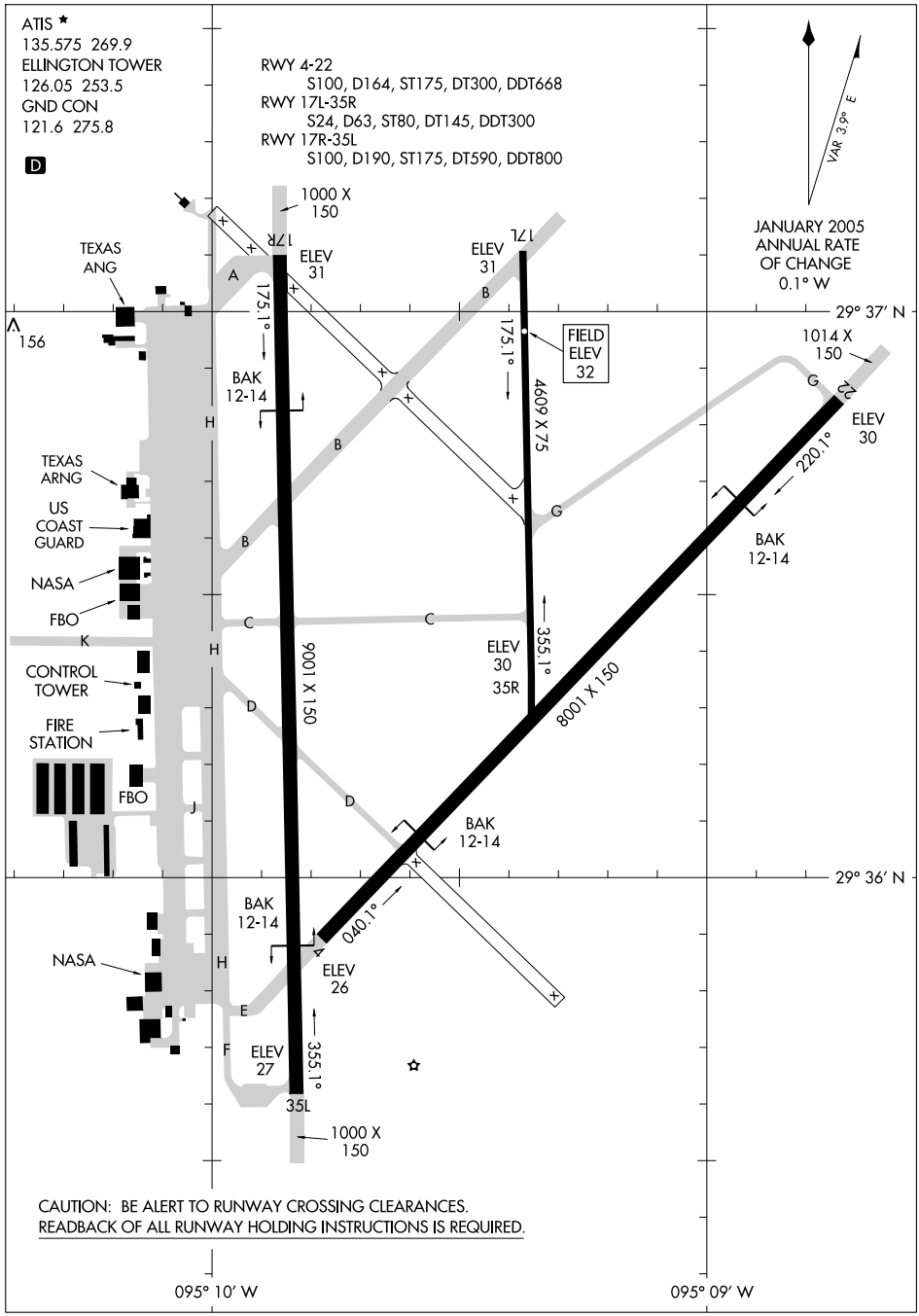
NOTE: Chart not to scale.

(WOLDE.WOLDE2) 09183
WOLDE TWO ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS

AIRPORT DIAGRAM

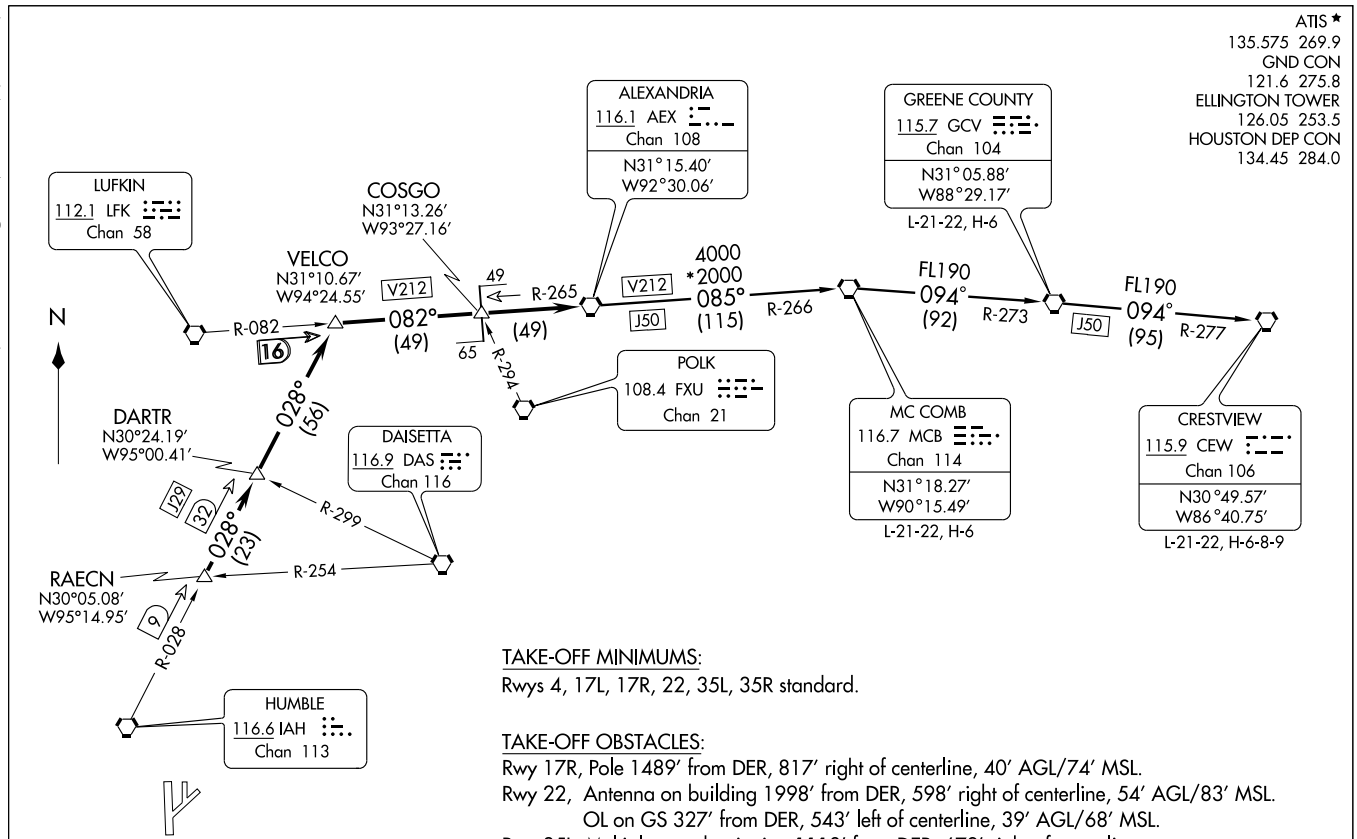
AL-197 (FAA)

HOUSTON/ ELLINGTON FIELD (EFD)
HOUSTON, TEXAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-5, 17 DEC 2009 to 14 JAN 2010



TAKE-OFF MINIMUMS:

Rwys 4, 17L, 17R, 22, 35L, 35R standard.

TAKE-OFF OBSTACLES:

Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Antenna on building 1998′ from DER, 598′ right of centerline, 54′ AGL/83′ MSL.
OL on GS 327′ from DER, 543′ left of centerline, 39′ AGL/68′ MSL.
Rwy 35L, Multiple trees beginning 1118′ from DER, 679′ right of centerline, up to 37′ AGL/77′ MSL. Crane 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.
Rwy 35R, Tree 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

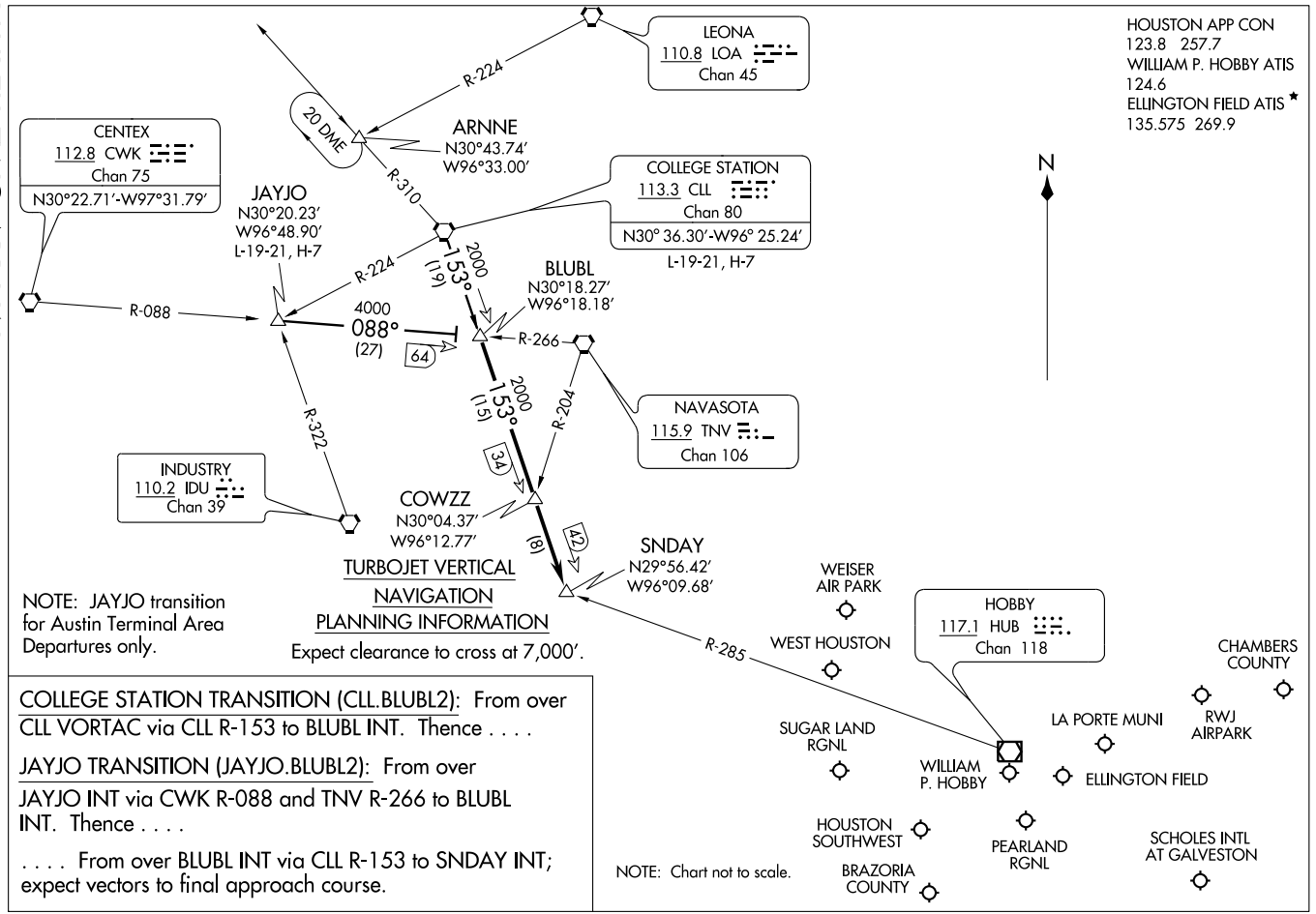
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

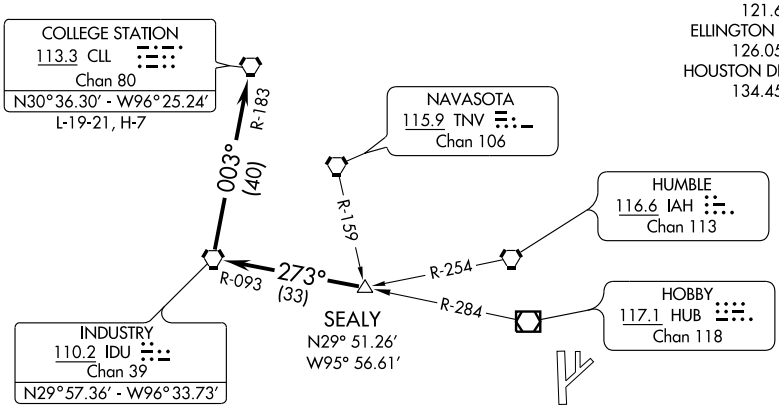
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-197 (FAA)

HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS

ATIS 135.575 269.9
GND CON 121.6 275.8
ELLINGTON TOWER 126.05 253.5
HOUSTON DEP CON 134.45 284.0



TAKE-OFF MINIMUMS:
Rwys 4, 17L, 17R, 22, 35L, 35R standard.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489' from DER, 817' right of centerline, 40' AGL/74' MSL.
Rwy 22, Antenna on Bldg 1998' from DER, 598' right of centerline, 54' AGL/83' MSL. OL on GS 327' from DER, 543' left of centerline, 39' AGL/68' MSL.
Rwy 35L, Multiple trees beginning 1118' from DER, 679' right of centerline, up to 37' AGL/77' MSL. Crane 2352' from DER, 1024' left of centerline, 37' AGL/97' MSL.
Rwy 35R, Tree 1597' from DER, 32' left of centerline, 33' AGL/80' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

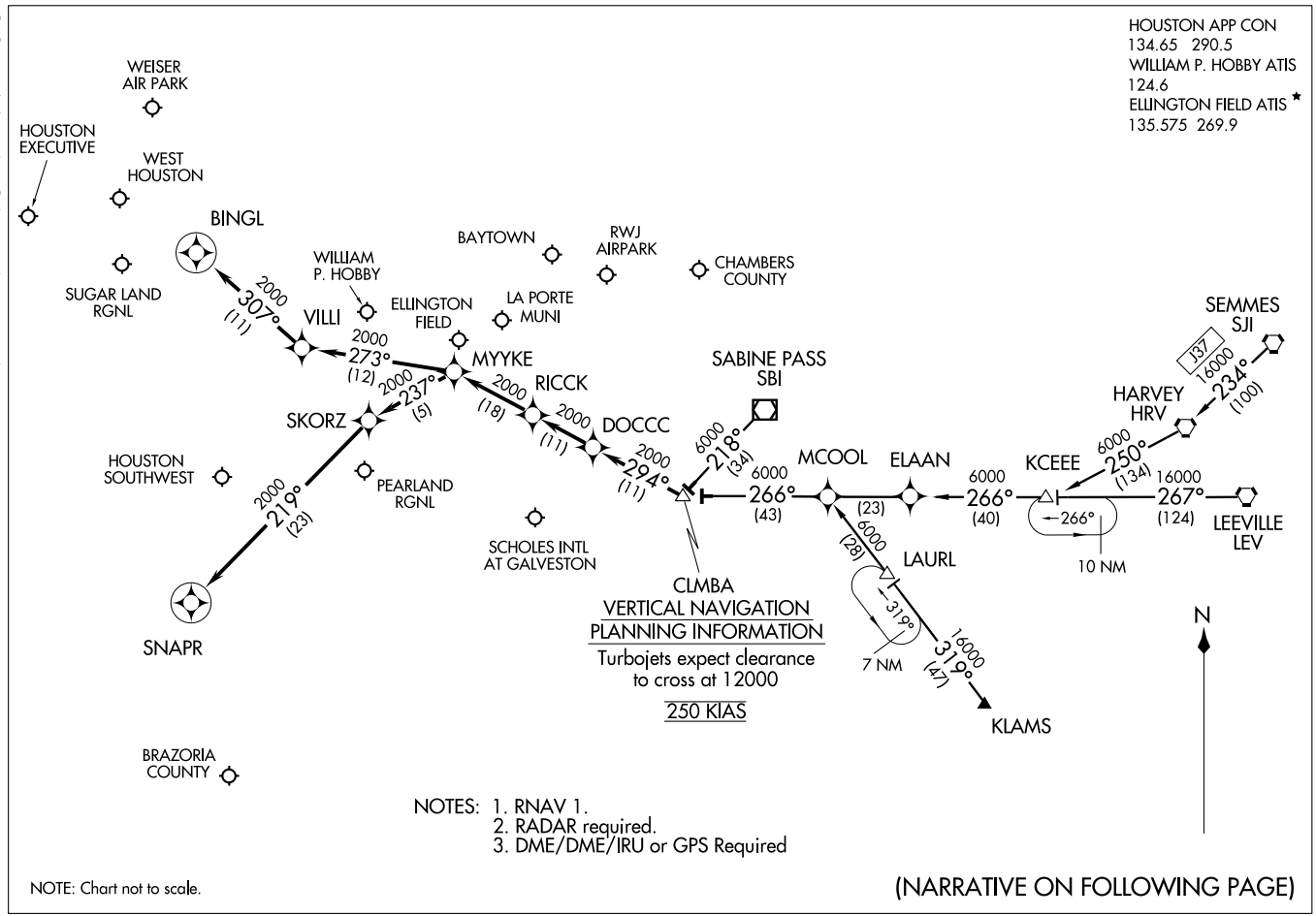
DEPARTURE ROUTE DESCRIPTION

Expect vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

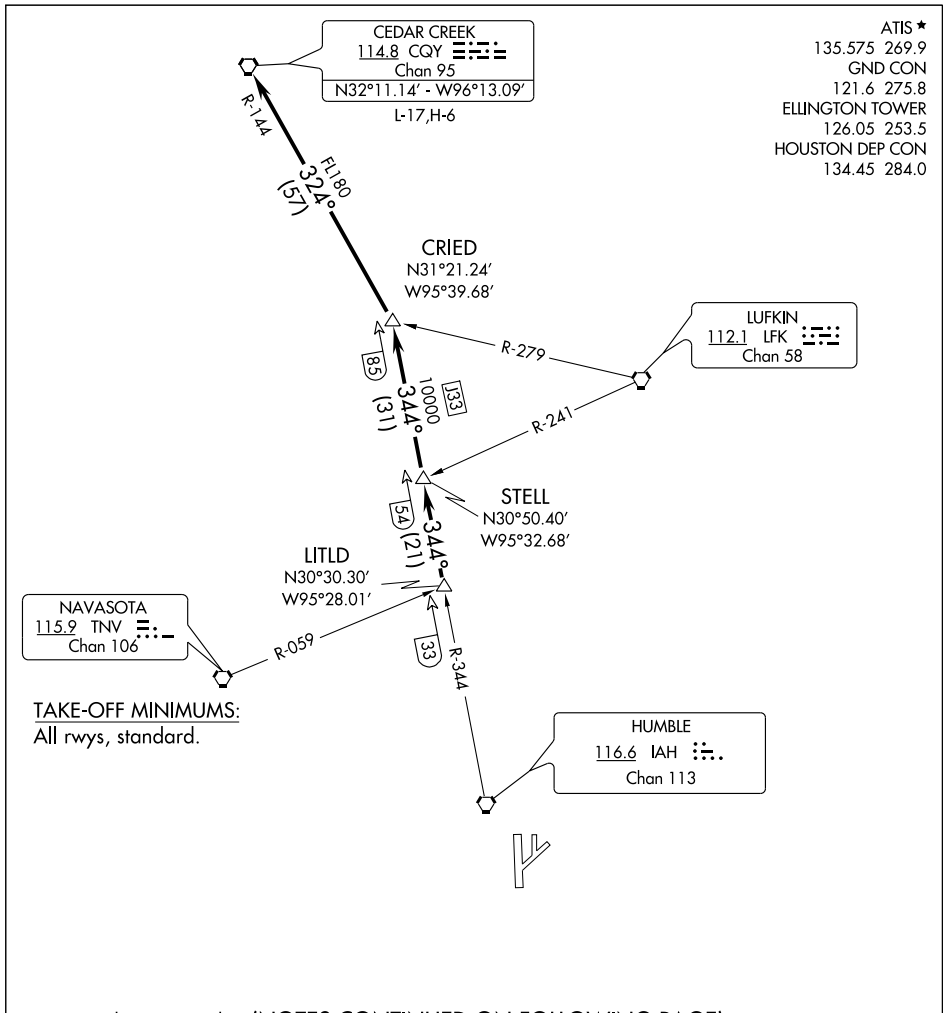
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-197 (FAA)

HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS



NOTE: Radar Required. (NOTES CONTINUED ON FOLLOWING PAGE) NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LITLD INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 17R, Pole ,1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Obstruction light on glide slope antenna, 327′ from DER, 543′ left of centerline. 39′ AGL/68′ MSL. Antenna on building, 1998′ from DER, 598′ right of centerline, 54′ AGL/83′ MSL.
Rwy 35R, Tree, 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.
Rwy 35L, Multiple trees, 1118′ to 1600′ from DER, 679′ to 741′ right of centerline, up to 37′ AGL/77′ MSL. Crane, 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

(ELD1.ELD) 09239

EL DORADO ONE DEPARTURE SL-197 (FAA)

HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS

ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
9

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
All rwys, standard.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Antenna on building 1998′ from DER, 598′ right of centerline, 54′ AGL/ 83′ MSL. OL on GS 327′ from DER, 543′ left of centerline, 39′ AGL/ 68′ MSL.
Rwy 35L, Multiple trees beginning 1118′ from DER, 679′ right of centerline, up to 37′ AGL/77′ MSL. Crane 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.
Rwy 35R, Tree 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.

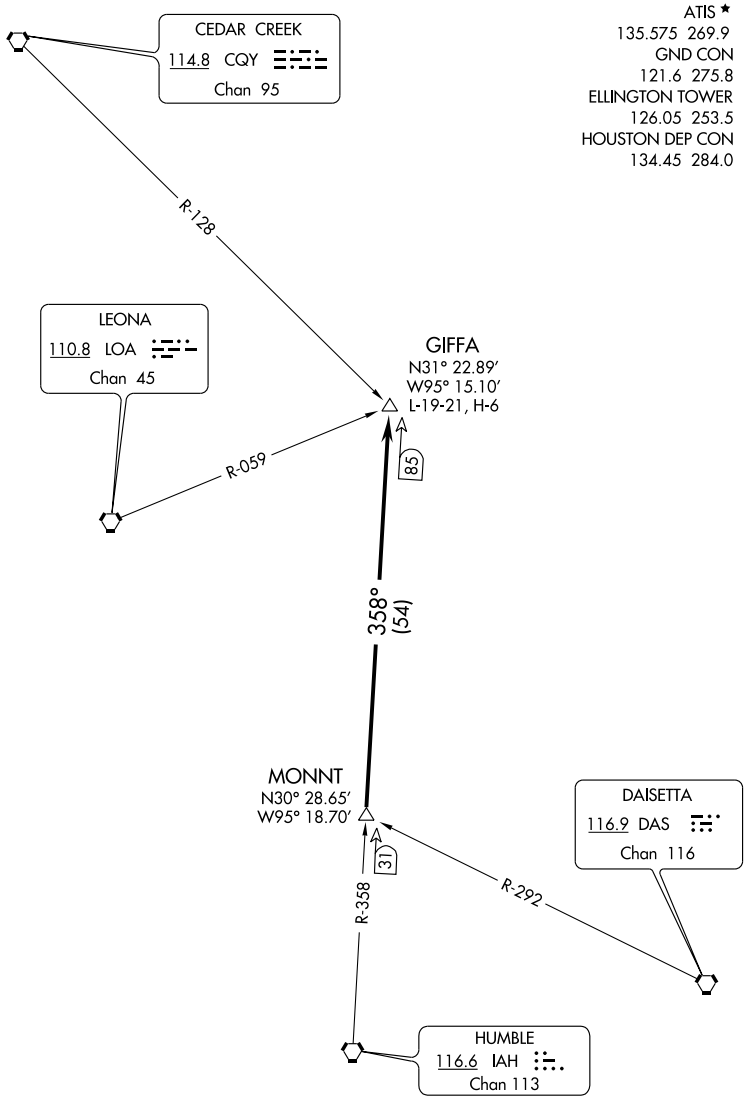
SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-197 (FAA)

HOUSTON/ ELLINGTON FIELD (EFD)
HOUSTON, TEXAS

ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0



TAKE-OFF MINIMUMS:
All rwys, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES

Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Antenna on building 1998′ from DER, 598′ right of centerline, 54′ AGL/ 83′ MSL. OL on GS 327′ from DER, 543′ left of centerline, 39′ AGL/ 68′ MSL.
Rwy 35L, Multiple trees beginning 1118′ from DER, 679′ right of centerline, up to 37′ AGL/77′ MSL. Crane 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.
Rwy 35R, Tree 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

HI-ILS 1 RWY 35L

LOC I-EFD	APCH CRS	Rwy ldg	9001
111.1	354°	TDZE	27
		Arpt Elev	32

JAL-197 [USAF] HOUSTON/ELLINGTON FIELD (KEFD)

T * When ALS inop, increase CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 17R-35L

MALSF (A4)

MISSED APPROACH: Climb to 500 then climbing right turn to 2500 via EFD R-136 to WATFO INT/EFD 16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

DME or RADAR REQUIRED

EFD TACAN	N29°36.36′ W95°09.58′
CANDI	N29°39.24′ W95°18.17′
DROPP	N29°13.63′ W95°32.07′
WATFO	N29°23.90′ W94°58.07′

649 247 629 R-286 16,000 395 120 (IAF) CANDI EFD 8 106° LOCALIZER 111.1 I-EFD 499 14,000 12,000 2049 1549 ELLINGTON EFD Chan 31 MARZY EFD 7 /RADAR 1235 20 NM 354° 151° WATFO EFD 16 PAHSU EFD 15 316° 136° EFD 18 Arc 7000 EDEDY EFD 18 R-136 KOREJ EFD 18 (IAF) DROPP EFD 30 16,000 R-216 R-206 174° LR-179 LR-168 354° R-151 ANRUY EFD 30 15,000 EFD 30 Arc OKUME EFD 30 4000

MSA EFD 25 NM 150° 1800 3100 330°

EMERG SAFE ALT 100 NM 16,000

500 2500 EFD R-136 WATFO EFD 16

KOREJ Intcp Lczr 18 3000 MARZY 7 /RADAR 21.00 PAHSU 15 354° 3000 2500 TACAN 1.4 2100 GS 3.00° TCH 54 0.7 5.6 NM

ELEV 32 17R 17L A4 156 A5 22 4609 x 75 112 8001 x 150 129 35R 9501 x 100 TDZE 27 35L A4 354°6.3 NM from FAF 70

HIRL Rwy 4-22 and 17R-35L
TDZL/CL Rwy 17R, 22 and 35L

CATEGORY	C	D	E
S-ILS 35L	227/40	200	(200-¾)
S-LOC 35L*	440/50 413 (500-1)		440/60 413 (500-1¼)
CIRCLING **	500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

FAF to MAP 5.6 NM

Knots	120	140	160	180	200
Min:Sec	2:48	2:24	2:06	1:52	1:41

HI-ILS RWY 17R

LOC I-LPV	APCH CRS	Rwy Idg / TDZE / Arpt Elev
110.3	174°	9001 / 31 / 32

JAL-197 [USAF] HOUSTON/ELLINGTON FIELD (KEFD)

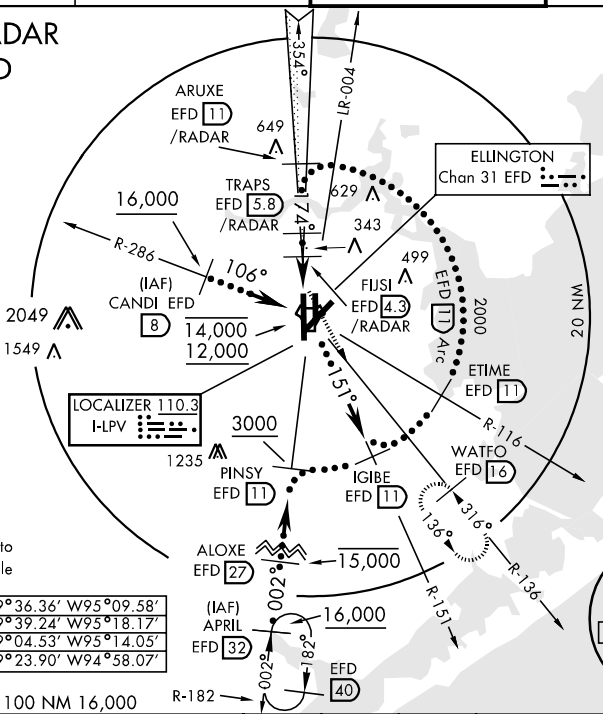
▼* When ALS inop, increase CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 17R-35L.

MALSF

MISSED APPROACH: Climb to 500 then climbing left turn to 2500 via EFD R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

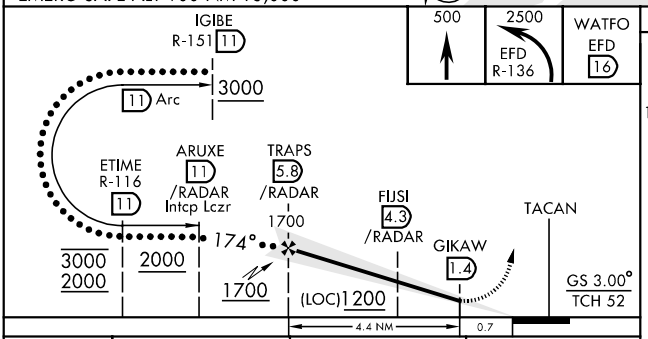
DME or RADAR REQUIRED



Enroute penetration to 11 DME Arc available

EFD TACAN	N29°36.36′ W95°09.58′
CANDI	N29°39.24′ W95°18.17′
APRIL	N29°04.53′ W95°14.05′
WATFO	N29°23.90′ W94°58.07′

EMERG SAFE ALT 100 NM 16,000



CATEGORY	C	D	E
S-ILS 17R	231/40 200 (200-¾)		
S-LOC 17R *	440/50 409 (500-1)		440/60 409 (500-1¼)
CIRCLING **	500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

FAF to MAP 4.4 NM

Knots	120	140	160	180	200
Min:Sec	2:12	1:53	1:39	1:28	1:19

HI-ILS RWY 22

LOC I-FNF	APCH CRS	Rwy Idg	8001
110.1	219°	TDZE	31
		Arpt Elev	32

JAL-197 [USAF]

HOUSTON/ELLINGTON FIELD (KEFD)

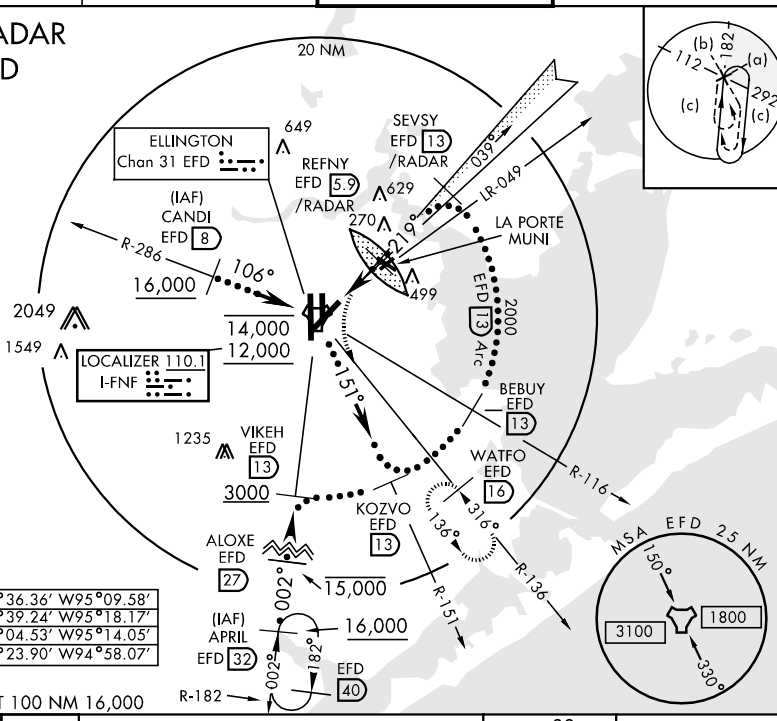
▼* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.
** Circling not authorized W of Rwy 17R-35L.

MALSR

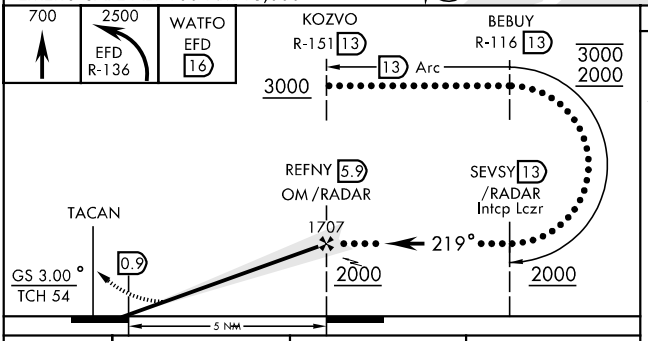
MISSED APPROACH: Climb to 700 then climbing left turn to 2500 via EFD R-136 to WATFO INT/16 DME and hold.

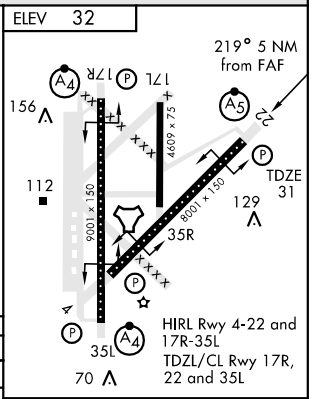
ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

DME or RADAR REQUIRED



EFD TACAN	N29°36.36′ W95°09.58′
CANDI	N29°39.24′ W95°18.17′
APRIL	N29°04.53′ W95°14.05′
WATFO	N29°23.90′ W94°58.07′





CATEGORY	C	D	E
S-ILS 22	231/24 200 (200-½)		
S-LOC 22*	460/40 429 (500-¾)	460/50 429 (500-1)	
CIRCLING**	500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

FAF to MAP 5 NM					
Knots	120	140	160	180	200
Min:Sec	2:30	2:09	1:52	1:40	1:30

HI-TACAN RWY 17R

TACAN	APCH CRS	Rwy ldg	TDZE	Arpt Elev
EFD Chan 31	163°	9001	31	32

JAL-197 [USAF]

HOUSTON/ELLINGTON FIELD (KEFD)

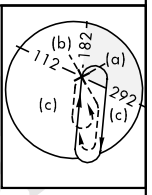
* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized W of Rwy 17R-35L.

MALSF

MISSED APPROACH: Climbing left turn to 2500 via EFD TACAN R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

EFD TACAN	N29°36.36′ W95°09.58′
CANDI	N29°39.24′ W95°18.17′
APRIL	N29°04.53′ W95°14.05′
WATFO	N29°23.90′ W94°58.07′



RADAR REQUIRED

R-343 - LR-354

LAWKE EFD 11

649

YESHI EFD 6.4

629

JINNI EFD 5

163°

R-286

16,000

(IAF) CANDI EFD 8

106°

343

499

EFD 11 Arc

2000

20 NM

2049

1549

14,000

12,000

ETIME EFD 11

ELLINGTON Chan 31 EFD

151°

R-116

3000

1235

PINSY EFD 11

IGIBE EFD 11

WATFO EFD 16

316°

136°

ALOXE EFD 27

15,000

R-136

MSA EFD 2.5 NM

150°

3100

1800

330°

2000

R-151

(IAF) APRIL EFD 32

16,000

182°

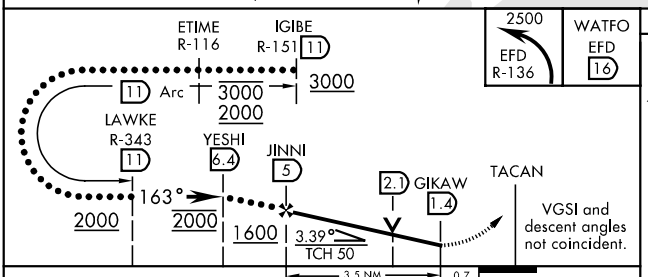
200

R-182

EFD 40

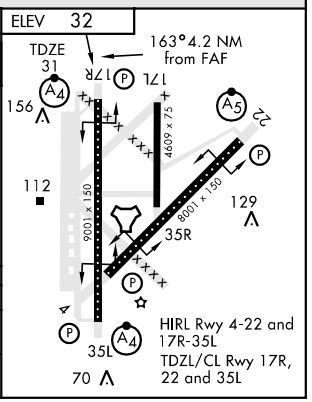
Enroute penetration to 11 DME Arc available

EMERG SAFE ALT 100 NM 16,000



2500 EFD R-136

WATFO EFD 16



CATEGORY	C	D	E
S-17R *	500/50 469 (500-1)	500/60 469 (500-1¼)	500-1½ 469 (500-1½)
CIRCLING **	500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

HI-TACAN RWY 35L

TACAN	APCH CRS	Rwy ldg	9001
EFD		TDZE	27
Chan 31	002°	Arpt Elev	32

JAL197 [USAF]

HOUSTON/ELLINGTON FIELD (KEFD)

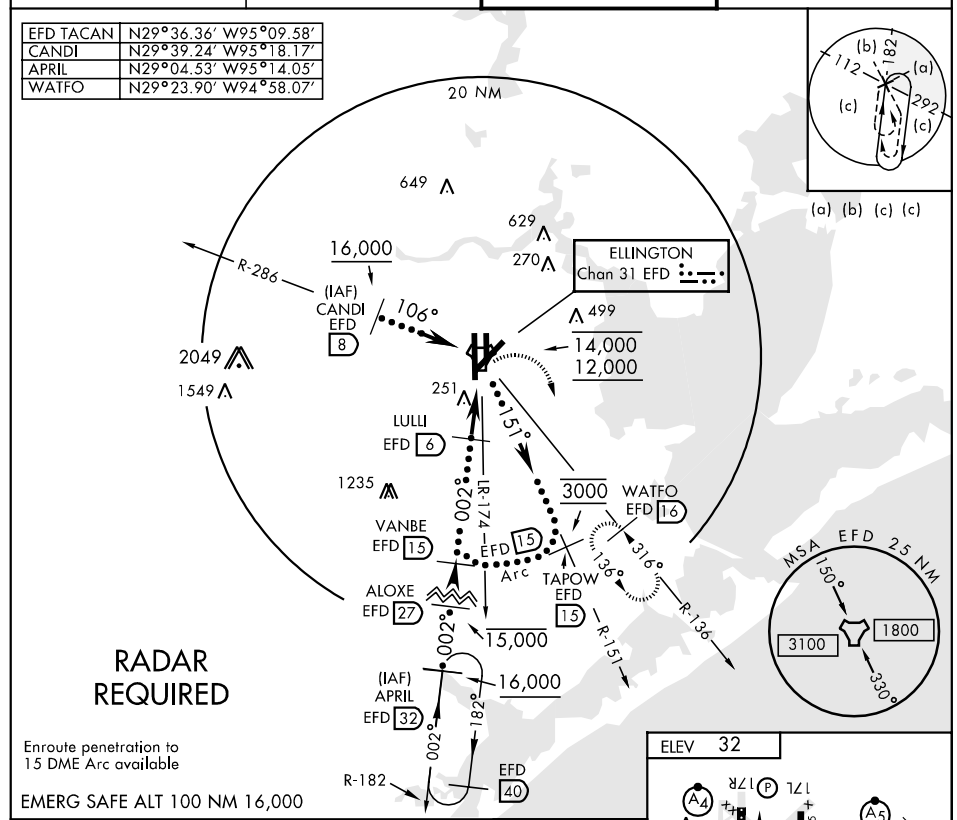
* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized W of Rwy 17R-35L.

MALSF

MISSED APPROACH: Climbing right turn to 2500 via EFD TACAN R-136 to WATFO INT/ 16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

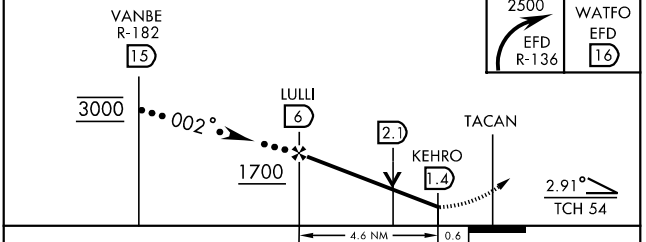
EFD TACAN	N29°36.36′ W95°09.58′
CANDI	N29°39.24′ W95°18.17′
APRIL	N29°04.53′ W95°14.05′
WATFO	N29°23.90′ W94°58.07′

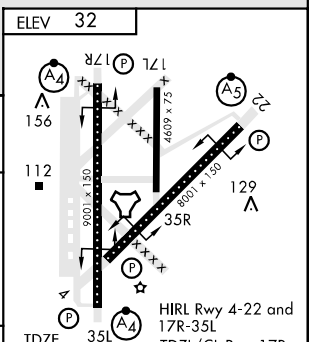


RADAR REQUIRED

Enroute penetration to 15 DME Arc available

EMERG SAFE ALT 100 NM 16,000





CATEGORY	C	D	E
S-35L *	520/50 493 (500-1)	520/60 493 (500-1¼)	520-1½ 493 (500-1½)
CIRCLING **	520-1½ 488 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

LOC I-LPV	APP CRS	Rwy Idg	9001
110.3	174°	TDZE	31
		Apt Elev	32

ILS RWY 17R

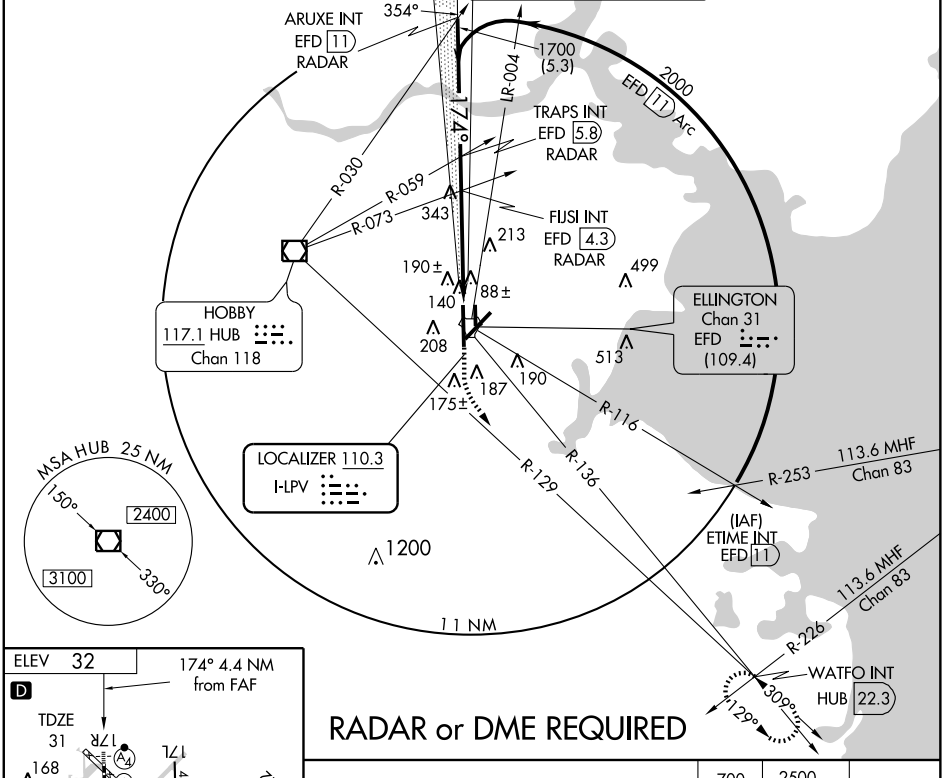
HOUSTON/ ELLINGTON FIELD (EFD)

Inoperative table does not apply to S-ILS all Cats.
Inoperative table does not apply to S-LOC all Cats.
Circling not authorized west of Rwy 17R-35L.

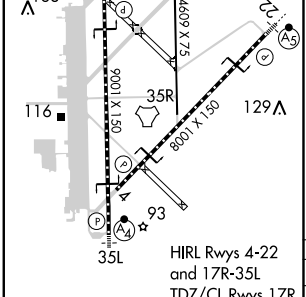
SSALF

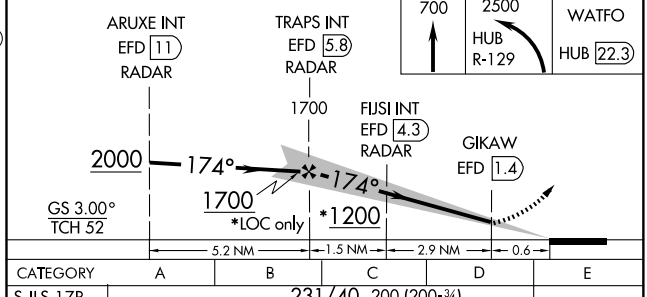
MISSED APPROACH: Climb to 700 then climbing left turn to 2500 via HUB VOR/DME R-129 to WATFO Int and hold.

ATIS ★	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



RADAR or DME REQUIRED





HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

CATEGORY	A	B	C	D	E
S-ILS 17R	231/40 200 (200-¾)				
S-LOC 17R	440/50 409 (500-1)		440/60 409 (500-1¼)		440-1½ 409 (500-1½)
CIRCLING	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC I-FNF	APP CRS	Rwy Idg	8001
110.1	219°	TDZE	31
		Apt Elev	32

ILS RWY 22

HOUSTON/ ELLINGTON FIELD (EFD)

Circling not authorized west of Rwy 17R-35L.

MALSR

MISSED APPROACH: Climb to 700 then climbing left turn to 2500 via HUB VOR/DME R-129 to WATFO Int and hold.

ATIS*	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR or DME REQUIRED

116.6 IAH Chan 113

116.6 IAH Chan 113

SEVSY INT EFD 13 RADAR

039°

R-117

LR-049

REFNY INT EFD 5.9 RADAR

R-135

270

219°

2000 (7.1)

*Mandatory

ELLINGTON Chan 31 EFD (109.4)

HOBBY 117.1 HUB Chan 118

La Porte Muni

213

190±

499

208

513

EFD 13 Arc 2000*

LOCALIZER 110.1 I-FNF

187

175±

190

R-116

R-136

MSA HUB 25 NM

150°

2400

3100

330°

10 NM

1200

(IAF) BEBUY EFD 13

R-129

113.6 MHF Chan 83

WATFO INT HUB 22.3

309°

129°

R-226

ELEV 32 D

219° 5 NM from FAF

TDZE 31

17R

17L

22

168

116

129

35R

35L

93

9001 X 150

8008 X 150

6999 X 75

HIRL Rwys 4-22 and 17R-35L TDZ/CL Rwys17R, 22 and 35L

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

700

2500 HUB R-129

WATFO HUB 22.3

REFNY INT EFD 5.9 RADAR

SEVSY INT EFD 13 RADAR

EFD 0.9

1707

219°

2000

2000

GS 3.00° TCH 54

5 NM

7.1 NM

CATEGORY	A	B	C	D	E
S-ILS 22	231/18 200 (200-½)				231/24 200 (200-½)
S-LOC 22	460/24 429 (500-½)		460/40 429 (500-¾)	460/50 429 (500-1)	
CIRCLING	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC I-EFD	APP CRS	Rwy Idg	9001
111.1	354°	TDZE	27
		Apt Elev	32

ILS RWY 35L

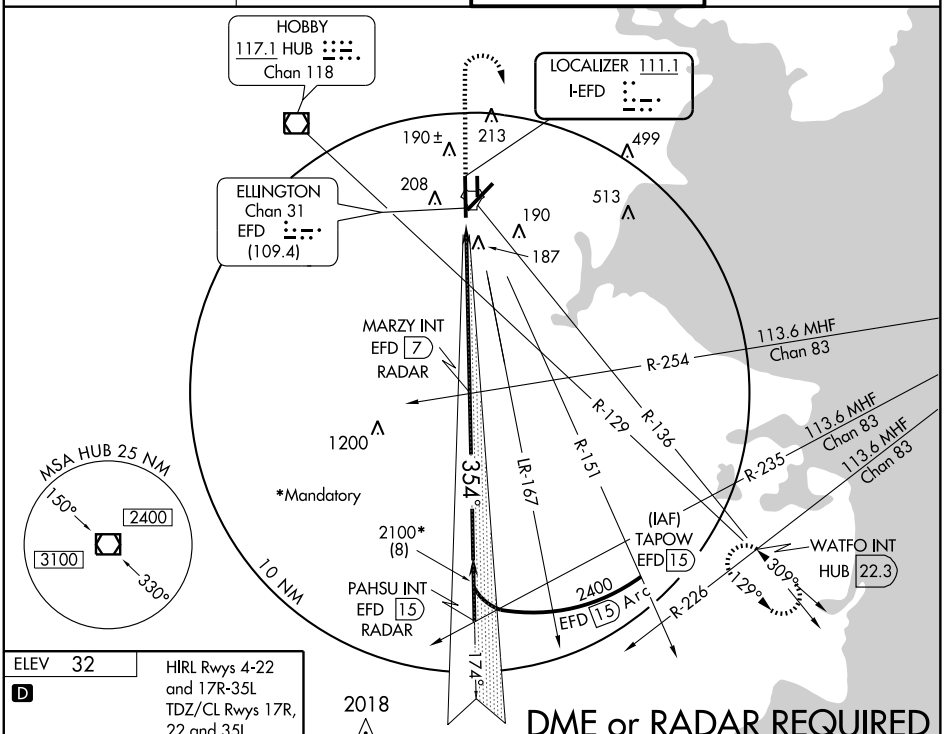
HOUSTON/ ELLINGTON FIELD (EFD)

Circling not authorized west of Rwy 17R-35L
Inoperative table does not apply to S-LOC and S-ILS all Cats.

SSALF

MISSED APPROACH: Climb to 700 then climbing right turn to 2500 via HUB VOR/DME R-129 to WATFO Int and hold.

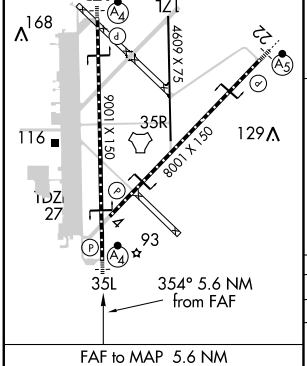
ATIS★	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8



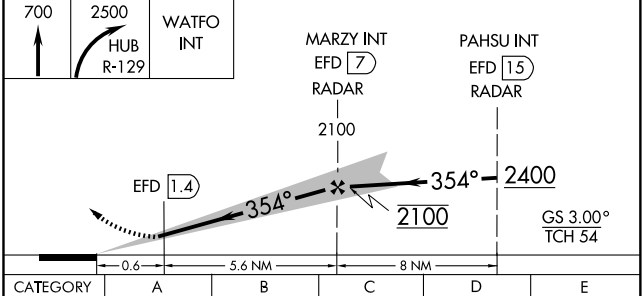
ELEV 32

D

HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

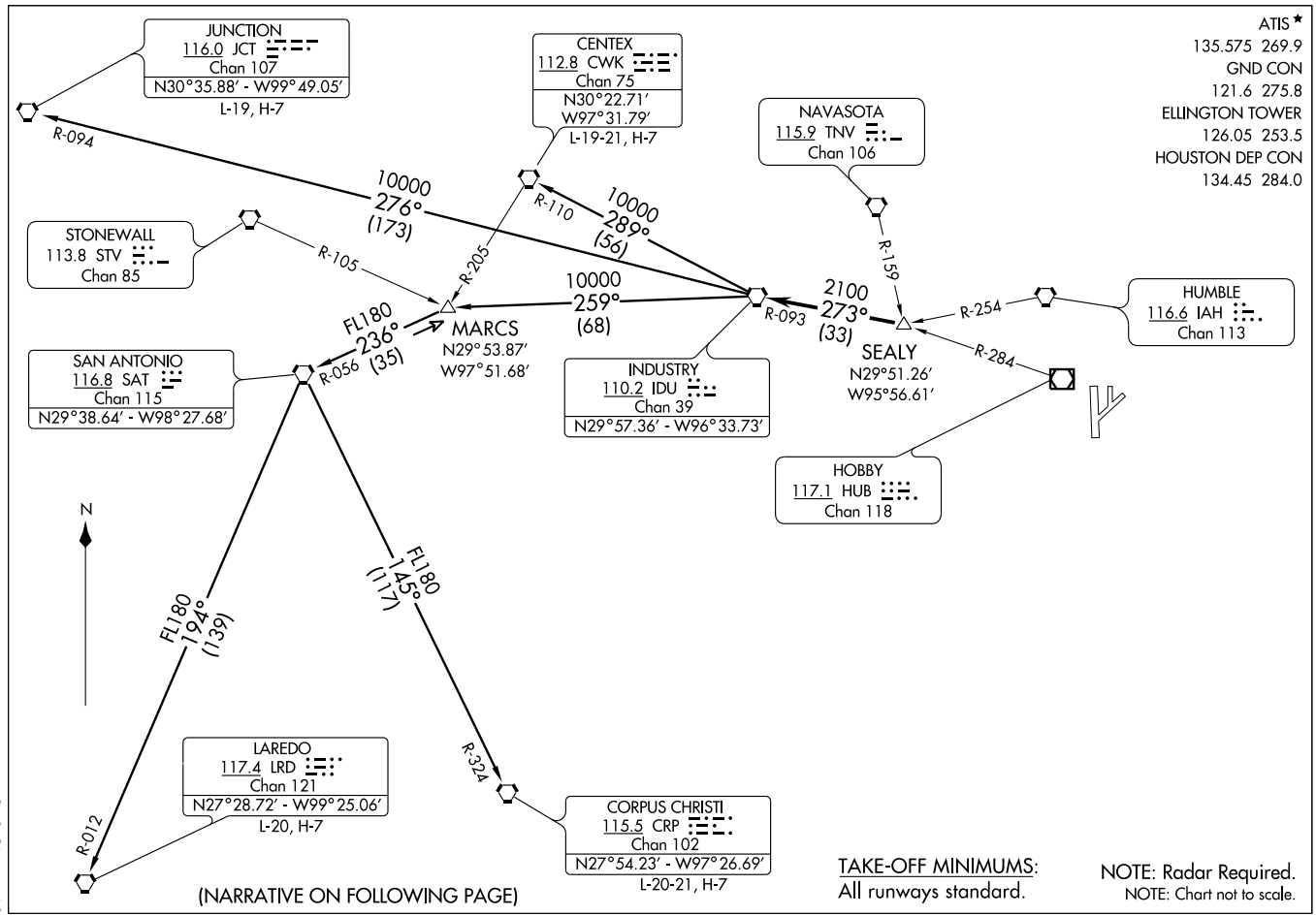


FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52



CATEGORY	A	B	C	D	E
S-ILS 35L	227/40 200 (200-¾)				
S-LOC 35L	440/50 413 (500-1)		440/60 413 (500-1¼)		440-1½ 413 (500-1½)
CIRCLING	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010


JUNCTION
116.0 JCT
Chan 107
N30°35.88′ - W99°49.05′
L-19, H-7
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVASOTA
115.9 TNV
Chan 106
ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0
INDUSTRY THREE DEPARTURE (IDU3.IDU) 09239
SI-197 (FAA)
HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS
R-094
10000
276°
(173)
R-110
10000
289°
(56)
R-159
STONEWALL
113.8 STV
Chan 85
R-105
R-205
10000
259°
(68)
2100
273°
(33)
R-093
R-254
HUMBLE
116.6 IAH
Chan 113
FL180
236°
(35)
R-056
MARCS
N29°53.87′
W97°51.68′
SEALY
N29°51.26′
W95°56.61′
R-284
SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64′ - W98°27.68′
INDUSTRY
110.2 IDU
Chan 39
N29°57.36′ - W96°33.73′
HOBBY
117.1 HUB
Chan 118
N
FL180
194°
(139)
FL180
145°
(117)
LAREDO
117.4 LRD
Chan 121
N27°28.72′ - W99°25.06′
L-20, H-7
R-012
R-324
CORPUS CHRISTI
115.5 CRP
Chan 102
N27°54.23′ - W97°26.69′
L-20-21, H-7
(NARRATIVE ON FOLLOWING PAGE)
TAKE-OFF MINIMUMS:
All runways standard.
NOTE: Radar Required.
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to SEALY INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC.

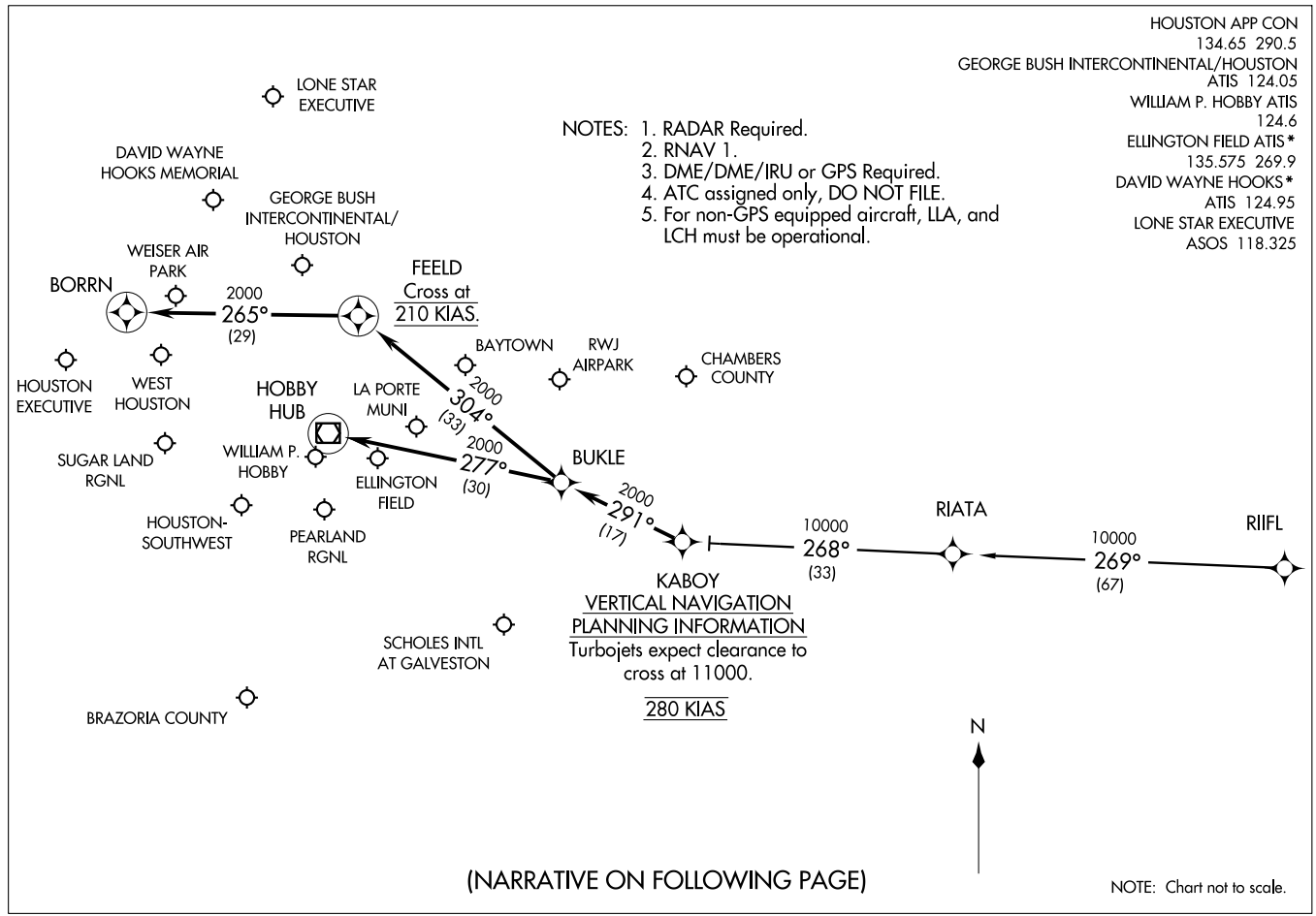
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489' from DER, 817' right of centerline, 40' AGL/74' MSL.
Rwy 22, Antenna on Bldg 1998' from DER, 598' right of centerline, 54 AGL/83 MSL. OL on GS 327' from DER, 543' left of centerline, 39 AGL/68' MSL.
Rwy 35L, Multiple trees beginning 1118' from DER, 679' right of centerline, up to 37' AGL/77' MSL. Crane 2352' DER, 1024' left of centerline, 37' AGL/97' MSL.
Rwy 35R, Tree 1597' from DER, 32' left of centerline, 33 AGL/80 MSL.


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

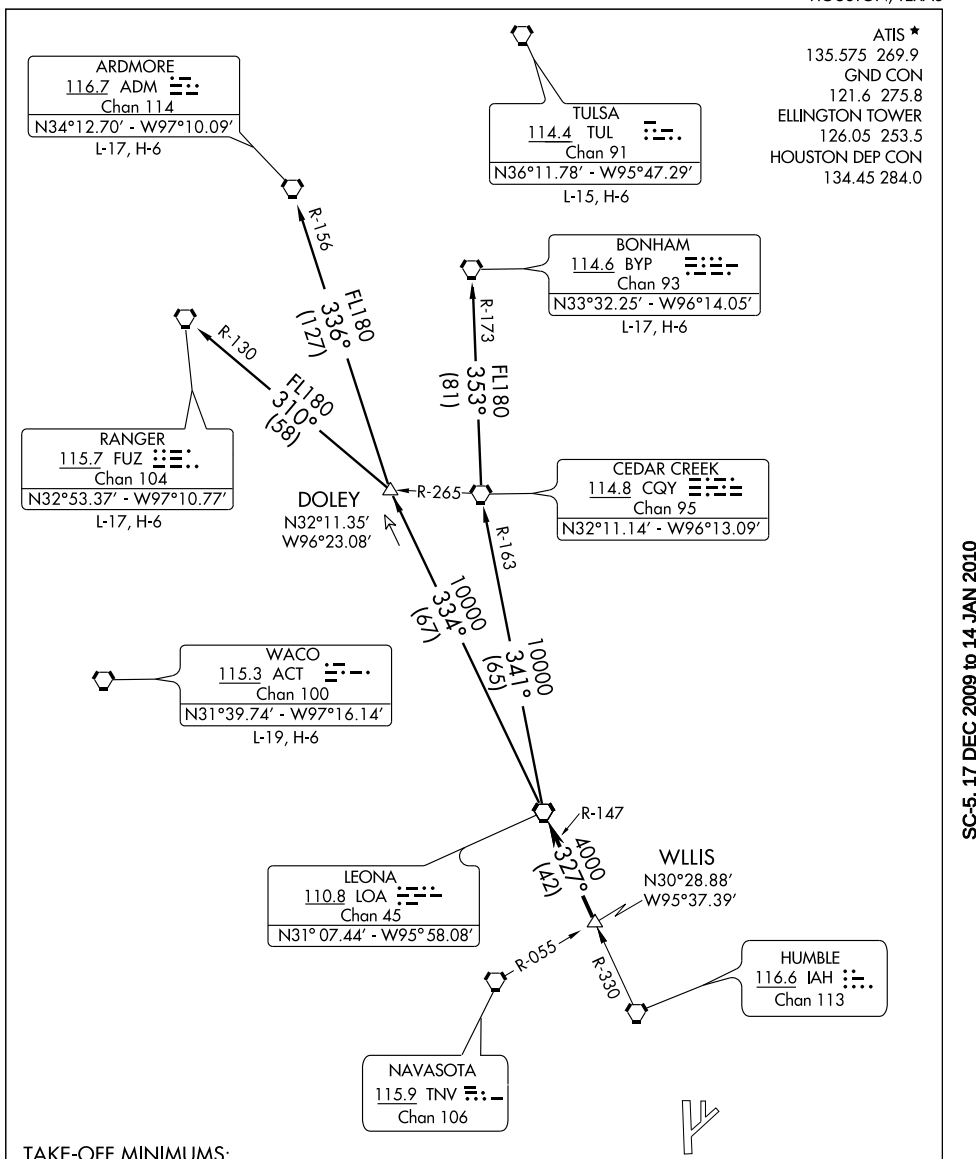
ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-197 (FAA)

HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 4, 17L/R, 22, 35L/R standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

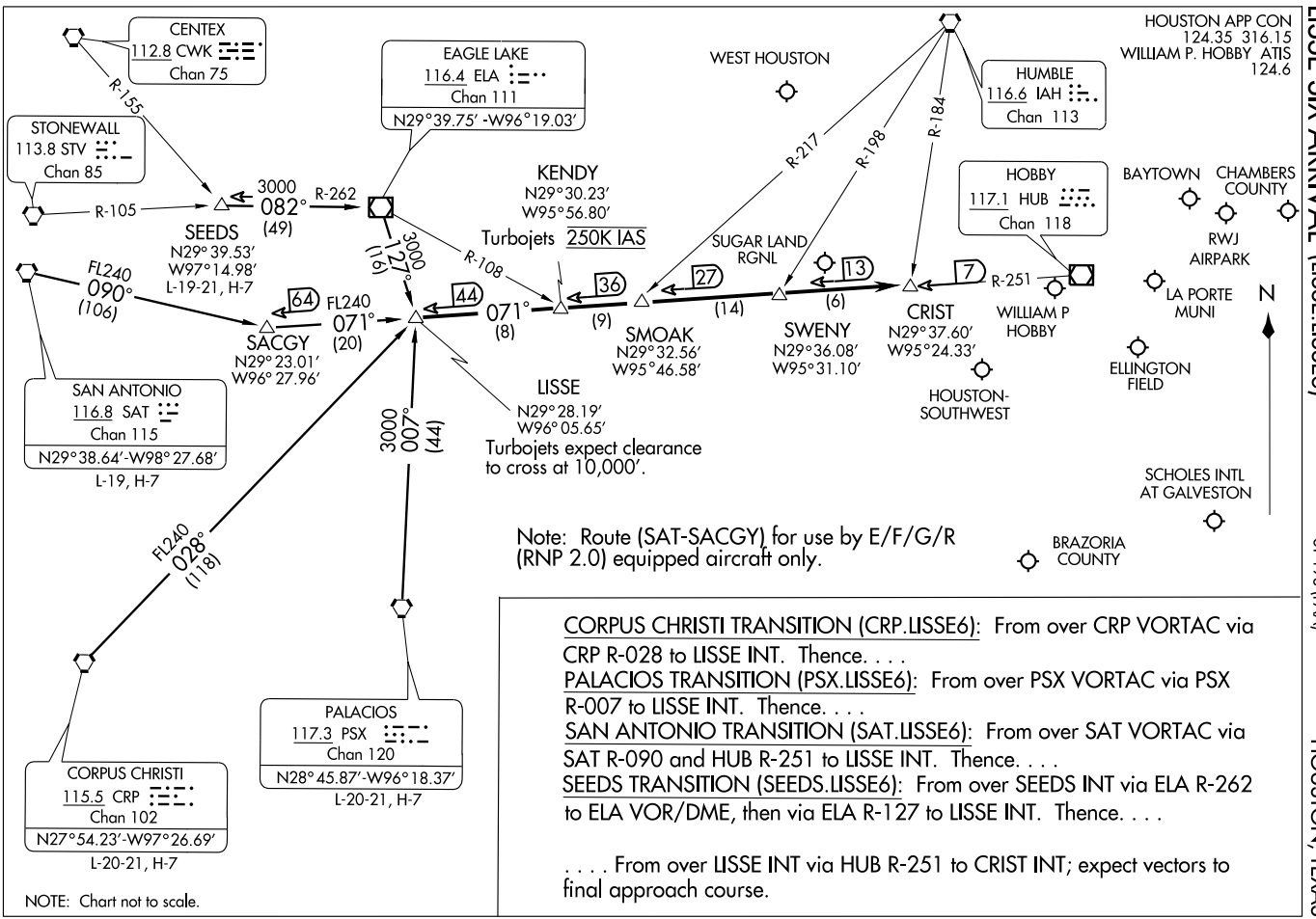
TAKE-OFF OBSTACLES

Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Obstruction light on glide slope 327′ from DER, 543′ left of centerline, 39′ AGL/68′ MSL. Antenna on building 1998′ from DER, 598′ right of centerline, 54′ AGL/83′ MSL.
Rwy 35R, Tree 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.
Rwy 35L, Multiple trees beginning 1118′ from DER, 679′ right of centerline, up to 37′ AGL/77′ MSL. Crane 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

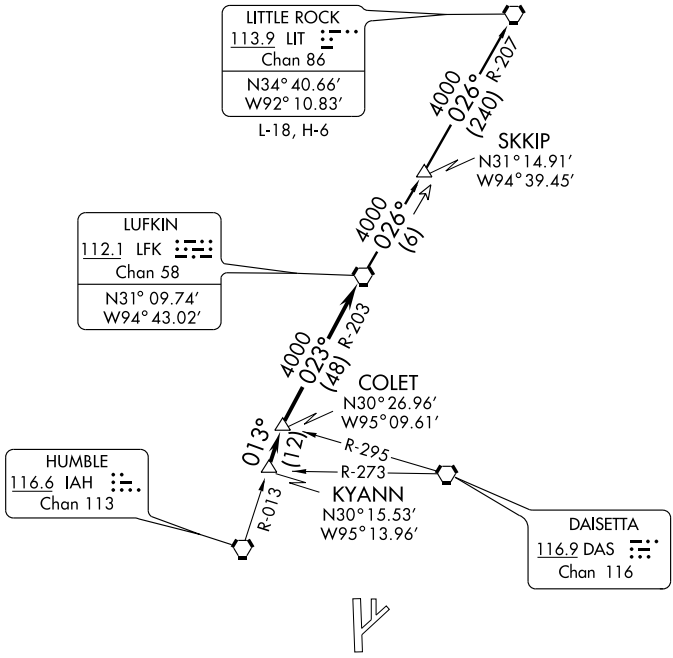
. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

SL-197 (FAA)

HOUSTON/ ELLINGTON FIELD (EFD)
HOUSTON, TEXAS

ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0



NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF MINIMUMS:
All rwys, standard.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Antenna on Bldg 1998′ from DER, 598′ right of centerline, 54 AGL/83′ MSL. OL on GS 327′ from DER, 543′ left of centerline, 39′ AGL/68′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

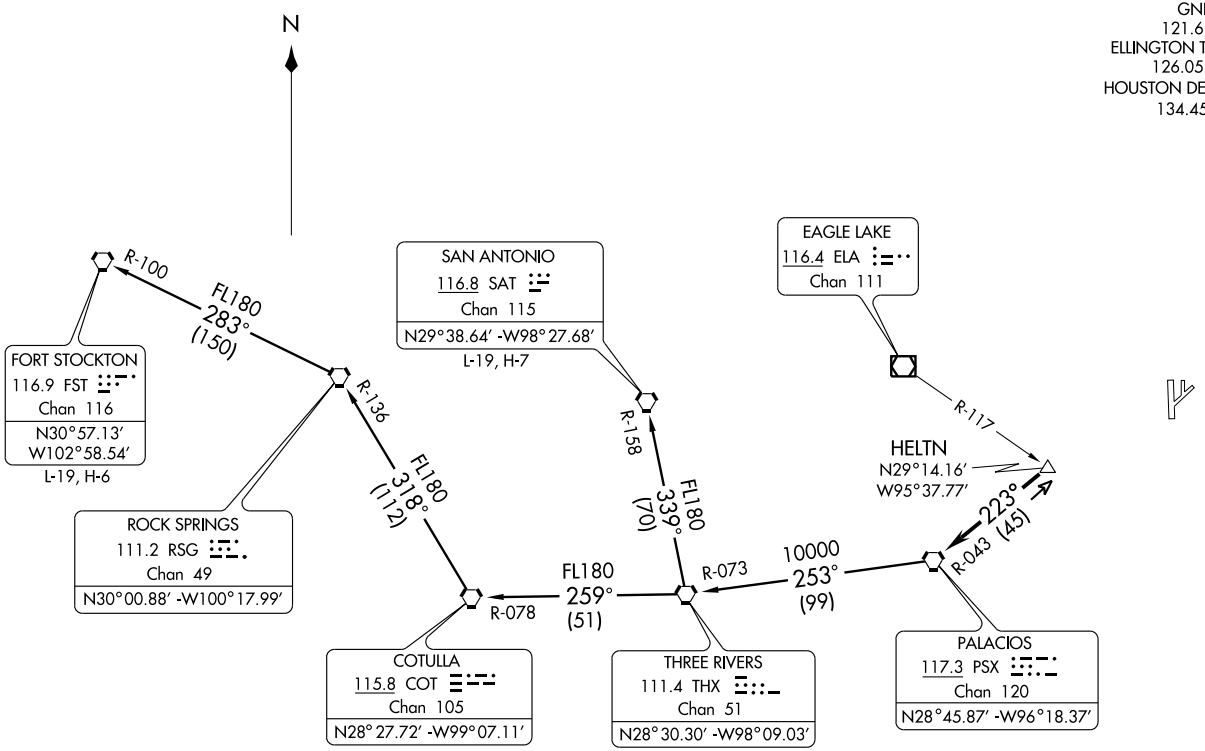
Expect vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS ★
135.575 269.9
GND CON
121.6 257.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0



TAKE-OFF MINIMUMS:
Rwys 4, 17L, 17R, 22, 35L, 35R, standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

Expect vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 17R, Pole 1489' from DER, 817' right of centerline, 40' AGL/74' MSL.

Rwy 22, Antenna on Bldg 1998' from DER, 598' right of centerline, 54' AGL/83' MSL.
OL on GS 327' from DER, 543' left of centerline, 39' AGL/68' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8001
039°	TDZE	30
	Apt Elev	32

RNAV (GPS) RWY 4

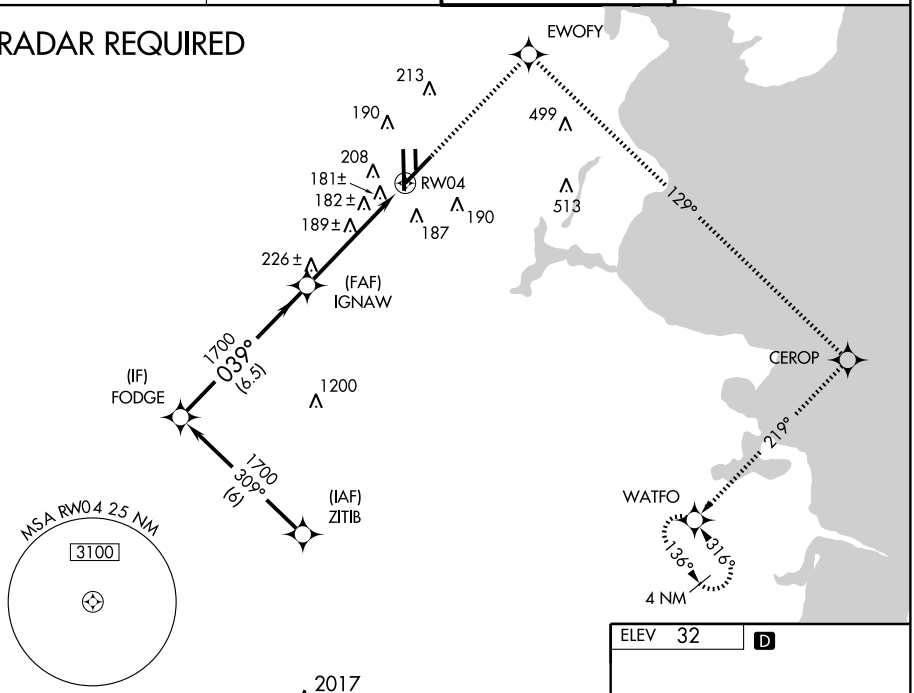
HOUSTON/ ELLINGTON FIELD (EFD)

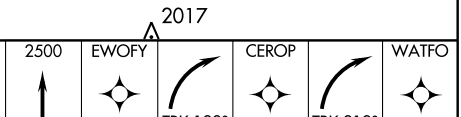
▼ ▲ NA — For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Circling not authorized west of runways 17R and 35L. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.

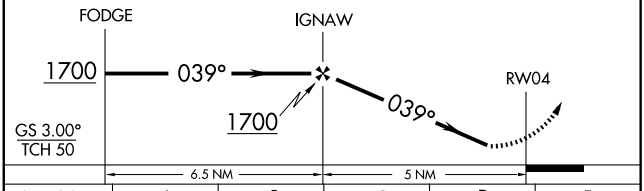
MISSED APPROACH: Climb to 2500 direct EWOFY and climbing right turn via 129° track to CEROP and right turn via 219° track to WATFO and hold.

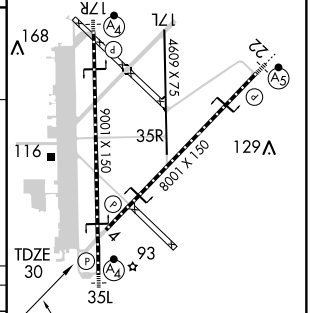
ATIS★	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR REQUIRED









CATEGORY	A	B	C	D	E
LNAV/ VNAV DA	479-1½ 449 (500-1½)				
LNAV MDA	500-1 470 (500-1)		500-1¼ 470 (500-1¼)	500-1½ 470 (500-1½)	500-1¾ 470 (500-1¾)
CIRCLING	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9001
174°	TDZE	31
	Apt Elev	32

RNAV (GPS) RWY 17R

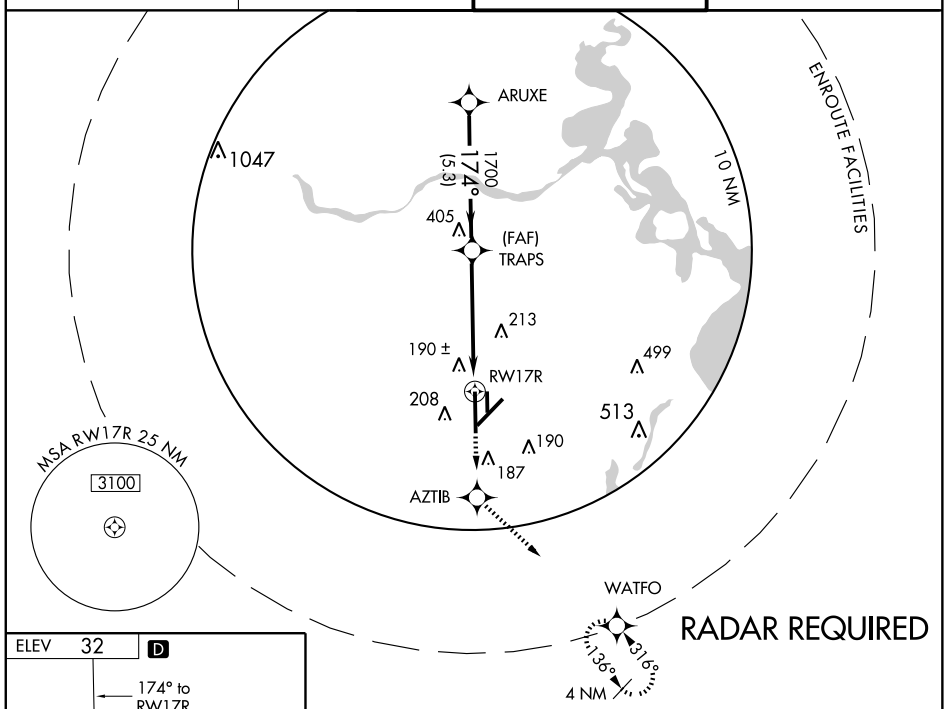
HOUSTON/ELLINGTON FIELD (EFD)

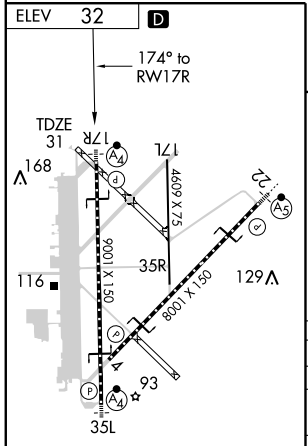
Circling not authorized west of runway 17R-35L. GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Baro-VNAV NA below -15°C (5°F). WAAS VNAV NA. Inoperative table does not apply to LNAV/VNAV all Cats and LNAV Cat C.

SSALF

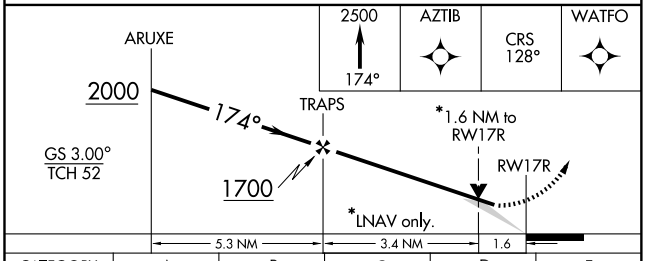
MISSED APPROACH: Cliimb to 2500 via 174° course to AZTIB then via 128° course to WATFO and and hold.

ATIS*	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8





HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L



CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	500-1¾ 469 (500-1¾)				
LNAV MDA	600/40 569 (600-¾)		600-1½ 569 (600-1½)	600-1¾ 569 (600-1¾)	600-2 569 (600-2)
CIRCLING	600-1¾ 568 (600-1¾)			600-2 568 (600-2)	660-2 ¼ 628 (700-2 ¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61111 W22A	APP CRS 219°	Rwy Idg 8001 TDZE 31 Apt Elev 32

RNAV (GPS) RWY 22

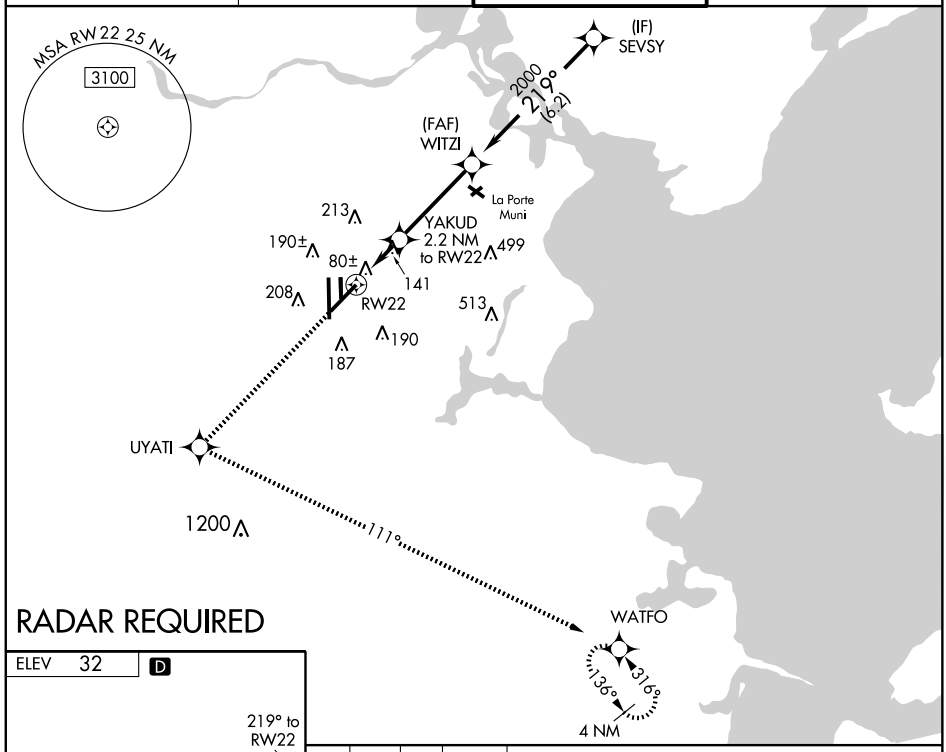
HOUSTON/ ELLINGTON FIELD (EFD)

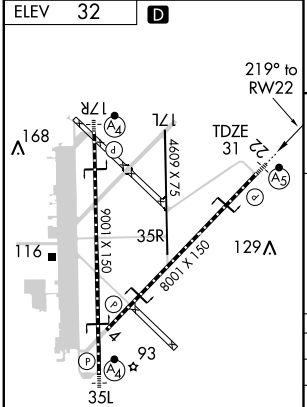
For inoperative MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat D and E visibility to RVR 5000, and LNAV Cat D and E visibility to RVR 6000. Circling NA west of Rwy 17R-35L. For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA.

MALSR

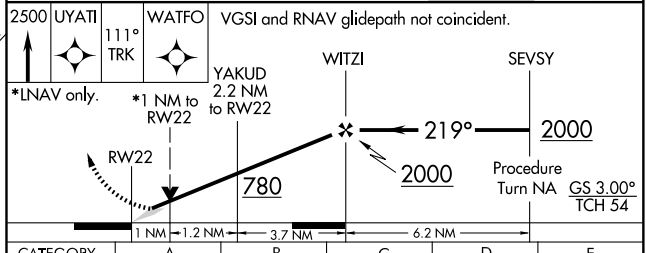
MISSED APPROACH: Climb to 2500 direct UYATI and via 111° track to WATFO and hold.

ATIS★	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8





HIRL Rwys 4-22 and 17R-35L
TDZ/CL Rwys 17R, 22 and 35L



CATEGORY	A	B	C	D	E
LPV DA	290/24 259 (300-½)				
LNAV/ VNAV DA	342/24 311 (400-½)			342/40 311 (400-¾)	
LNAV MDA	400/24 369 (400-½)			400/50 369 (400-1)	
CIRCLING	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9001
354°	TDZE	27
	Apt Elev	32

RNAV (GPS) RWY 35L

HOUSTON/ELLINGTON FIELD (EFD)

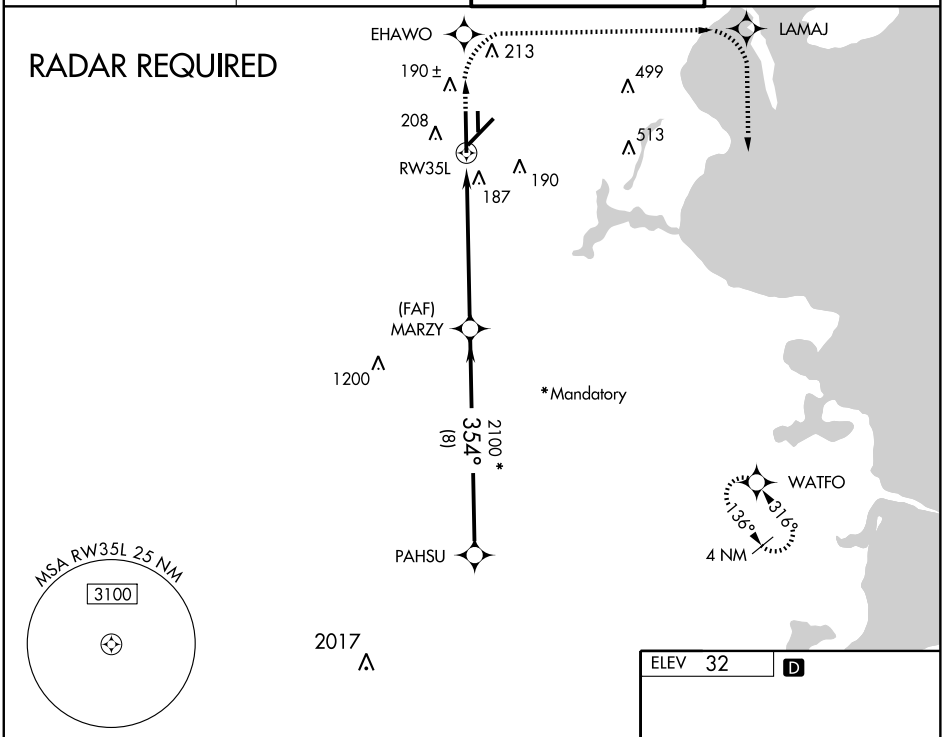
T NA Circling not authorized west of Rwy 17R-35L.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
BARO-VNAV NA below -15°C (5°F). WAAS VNAV NA.

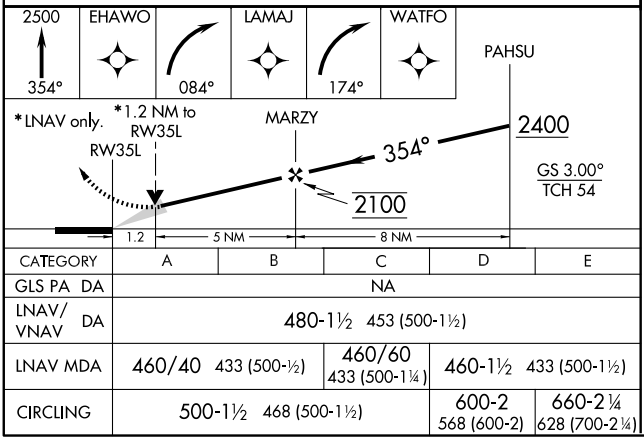
SSALF

MISSED APPROACH: Climb to 2500 via 354° course to EHAWO then right turn via 084° course to LAMAJ then right turn via 174° course to WATFO and hold.

ATIS★	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

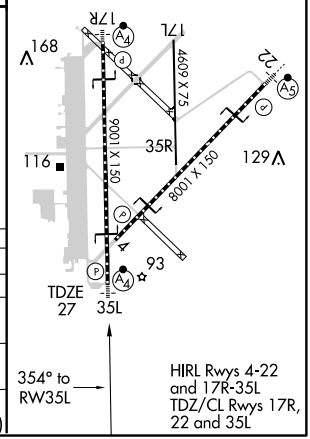
RADAR REQUIRED



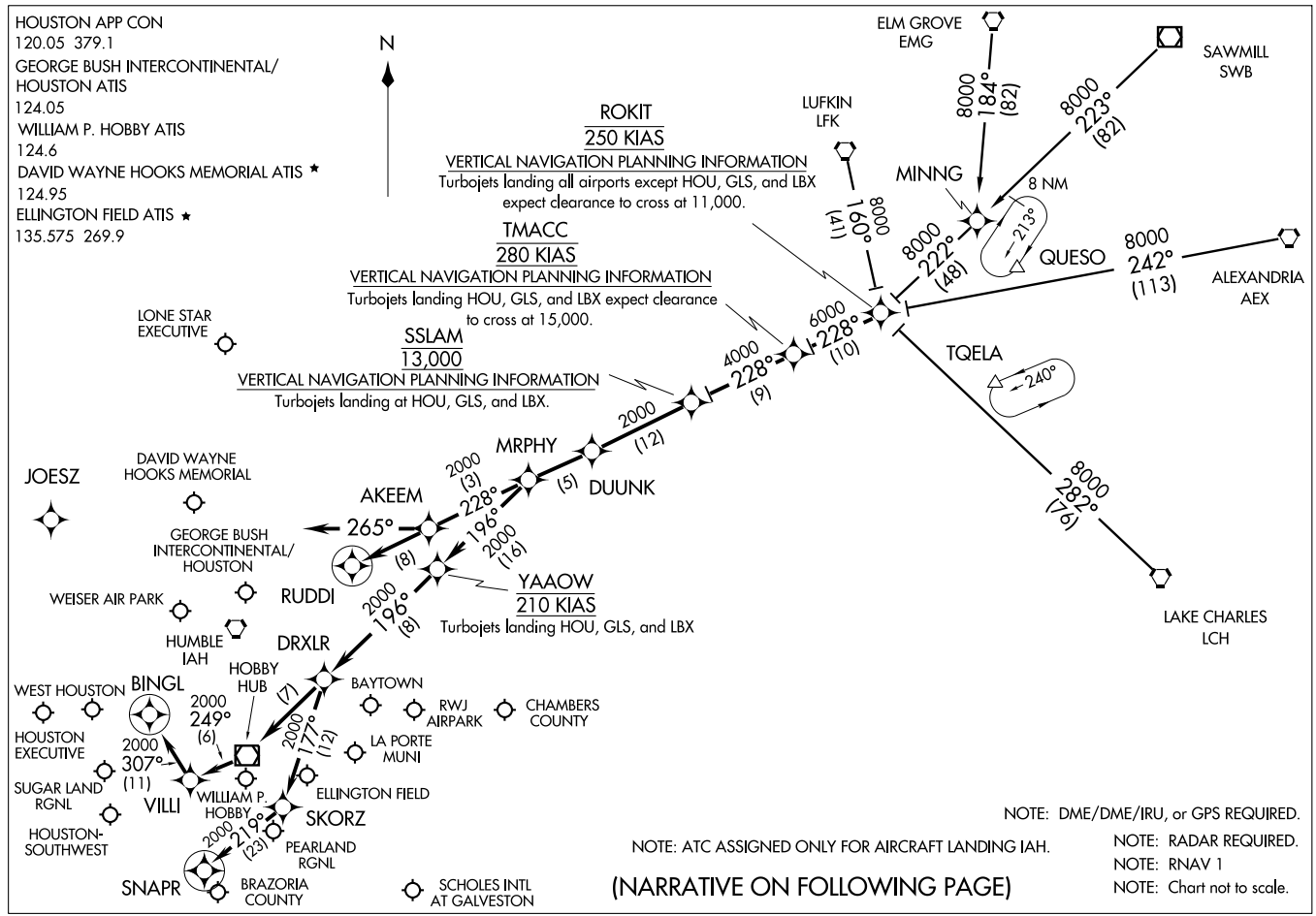


CATEGORY	A	B	C	D	E
GLS PA DA	NA				
LNAV/VNAV DA	480-1½ 453 (500-1½)				
LNAV MDA	460/40 433 (500-½)		460/60 433 (500-1¼)	460-1½ 433 (500-1½)	
CIRCLING	500-1½ 468 (500-1½)			600-2 568 (600-2)	660-2¼ 628 (700-2¼)

ELEV 32 D



SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

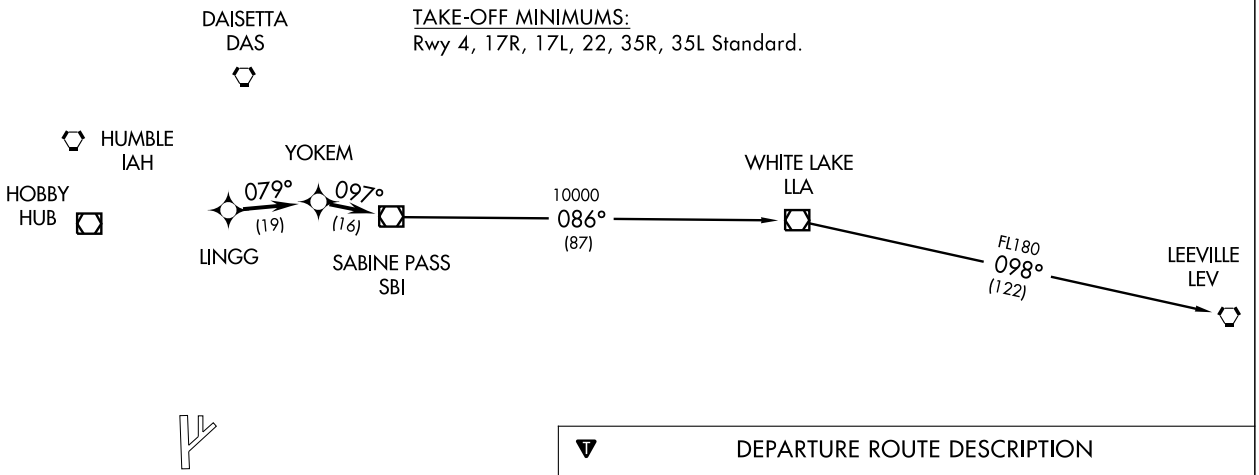
NOTE: Chart not to scale.

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ATIS
135.575 269.9★
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBI) 09239

SL-197 (FAA)



TAKE-OFF MINIMUMS:
Rwy 4, 17R, 17L, 22, 35R, 35L Standard.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′AGL/74′ MSL. Rwy 22, Antenna on building 1998′ from DER, 598′ right of centerline, 54′ AGL/83′ MSL. Obstruction light on glideslope 327′ from DER, 543′ left of centerline, 39′ AGL/ 68′ MSL.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

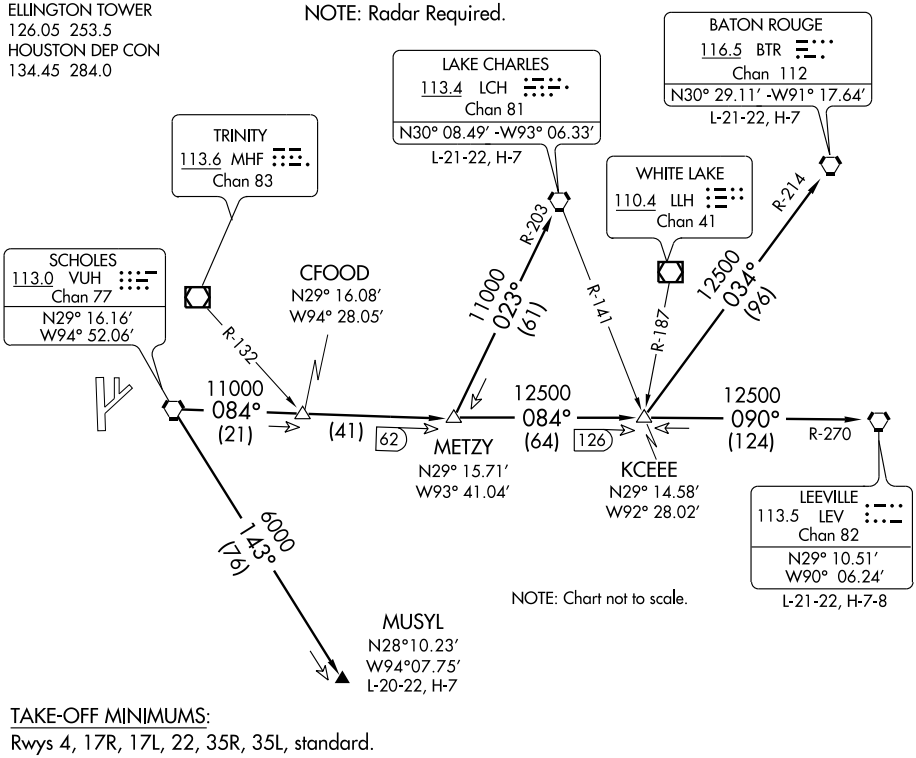
HOUSTON/ELLINGTON FIELD (EFD)
HOUSTON, TEXAS

SCHOLES THREE DEPARTURE

SL-197 (FAA)

ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
Rwys 4, 17R, 17L, 22, 35R, 35L, standard.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Antenna on Bldg 1998′ from DER, 598′ right of centerline, 54′ AGL/83′ MSL. OL on GS 327′ from DER, 543′ left of centerline, 39′ AGL/68′ MSL.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 4

TACAN EFD Chan 31	APCH CRS 028°	Rwy Idg 8001 TDZE 30 Arpt Elev 32

AL-197 [USAF] HOUSTON/ELLINGTON FIELD (KEFD)

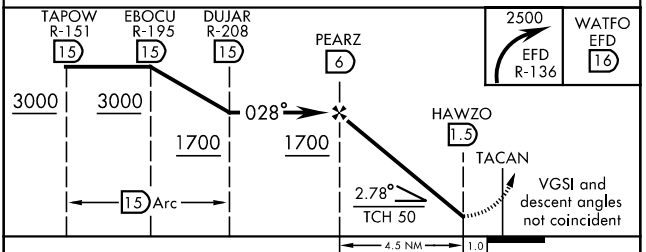
NA
* Circling not authorized W of Rwy 17R-35L.

MISSED APPROACH: Climbing right turn to 2500 via EFD TACAN R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

SC-5, 17 DEC 2009 to 14 JAN 2010

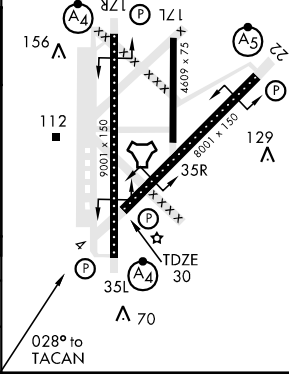
EMERG SAFE ALT 100 NM 16,000



CATEGORY	A	B	C	D	E
S-4	520-1¼ 490 (500-1¼)			520-1½ 490 (500-1½)	520-1¾ 490 (500-1¾)
CIRCLING *	520-1¼ 488 (500-1¼)		520-1½ 488 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

ELEV 32

HIRL Rwy 4-22 and 17R-35L
TDZL/CL Rwy 17R, 22 and 35L



TACAN RWY 17R

TACAN	APCH CRS	Rwy Idg	9001
EFD Chan 31	163°	TDZE	31
		Arpt Elev	32

AL-197 [USAF]

HOUSTON/ELLINGTON FIELD (KEFD)

NA * When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, and CAT E vis to 1¾ miles.
** Circling not authorized W of Rwy 17R-35L.

MALSF (A4)

MISSED APPROACH: Climbing left turn to 2500 via EFD TACAN R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR REQUIRED

R-343 LAWKE EFD 11

LR-354

YESHI EFD 6.4

JINNI EFD 5

163° 343

EFD 11 2000 Arc

ELLINGTON Chan 31 EFD
N29°36.36′ W95°09.58′

190 208 277 175± 226 499 513 190 1235

R-136 R-116

(IAF) ETIME EFD 11

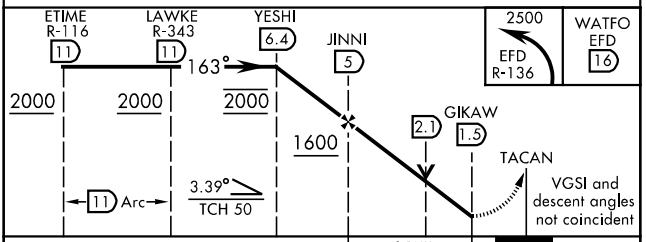
10 NM

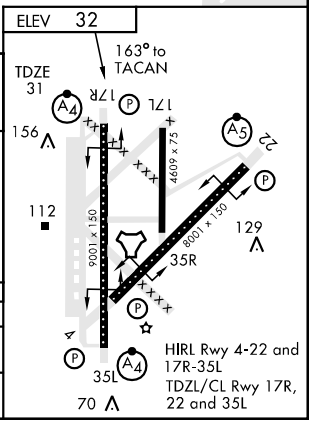
WATFO EFD 16

316° 136°

MSA EFD 25 NM
150° 1800 3100 330°

EMERG SAFE ALT 100 NM 16,000





CATEGORY	A	B	C	D	E
S-17R *	500/40 469	(500-¾)	500/50 469 (500-1)	500/60 469 (500-1¼)	500-1½ 469 (500-1½)
CIRCLING **	500-1 468	(500-1)	500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

TACAN RWY 22

TACAN	APCH CRS	Rwy ldg	8001
Chan 31 EFD	226°	TDZE	31
		Arpt Elev	32

AL-197 [USAF] HOUSTON/ELLINGTON FIELD (KEFD)

NA
*When ALS inop, increase vis ½ mile.
**Circling not authorized W of Rwy 17R-35L.

MALSR

MISSED APPROACH: Climbing left turn to 2500 via EFD TACAN R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR REQUIRED

KIRNY EFD 13 R-046

226°

LR-055

SONAR EFD 5

ELLINGTON Chan 31 EFD

La Porte Muni

EFD 13 Arc 2000

499

208

277

175±

190

513

226

R-116

R-136

1235

(IAF) BEBUY EFD 13

10 NM

MSA EFD 25 NM
150°
1800
3100
330°

WATFO EFD 16

316°
136°

EMERG SAFE ALT 100 NM 16,000

2500
EFD R-136

WATFO EFD 16

KIRNY R-046 13

SONAR 5

226°

2000

TACAN

2.2

FIKKO 1

1600

3.46°

TCH 55

VGSI and descent angles not coincident

0.1 4.0 NM

ELEV 32

226° to TACAN

156

112

129

TDZE 31

460' x 75'

9001 x 150'

8001 x 150'

35R

35L

17R

17L

22

70

HIRL Rwy 4-22 and 17R-35L
TDZL/CL Rwy 17R, 22 and 35L

CATEGORY	A	B	C	D	E
S-22*	500/24 469 (500-½)		500/40 469 (500-¾)	500/50 469 (500-1)	500/60 469 (500-1¼)
CIRCLING**	500-1 468 (500-1)		500-1½ 468 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

TACAN RWY 35L

TACAN	APCH CRS	Rwy Idg	9001
Chan 31 EFD	002°	TDZE	27
		Arpt Elev	32

AL-197 [USAF]

HOUSTON/ELLINGTON FIELD (KEFD)

NA

* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, and CAT E vis to 1¾ miles.

** Circling not authorized W of Rwy 17R-35L.

MALSF

MISSED APPROACH: Climbing right turn to 2500 via EFD TACAN R-136 to WATFO INT/16 DME and hold.

ATIS	HOUSTON APP CON	ELLINGTON TOWER	GND CON
135.575 269.9	134.45 284.0	126.05 253.5	121.6 275.8

RADAR REQUIRED

ELLINGTON
Chan 31 EFD
N29°36.36′
W95°09.58′

499 513 208 277 190 175± 226 1235

10 NM

LULLI
EFD 6

002°

R-151 R-136

IAF
TAPOW
EFD 15 DME
N29°22.62′
W95°02.60′

LR-174

VANBE
EFD 15

R-182

EFD 15 Arc
2500

WATFO
EFD 16

316°
136°

MSA EFD 25 NM
150°
1800
3100
330°

EMERG SAFE ALT 100 NM 16,000

TAPOW R-151 15
VANBE R-182 15
LULLI 6
002°
2500
2500
15 Arc
1700
2.1
KEHRO 1.4
TACAN
2.91°
TCH 54
4.6 NM
.6

2500 EFD R-136
WATFO EFD 16

ELEV 32

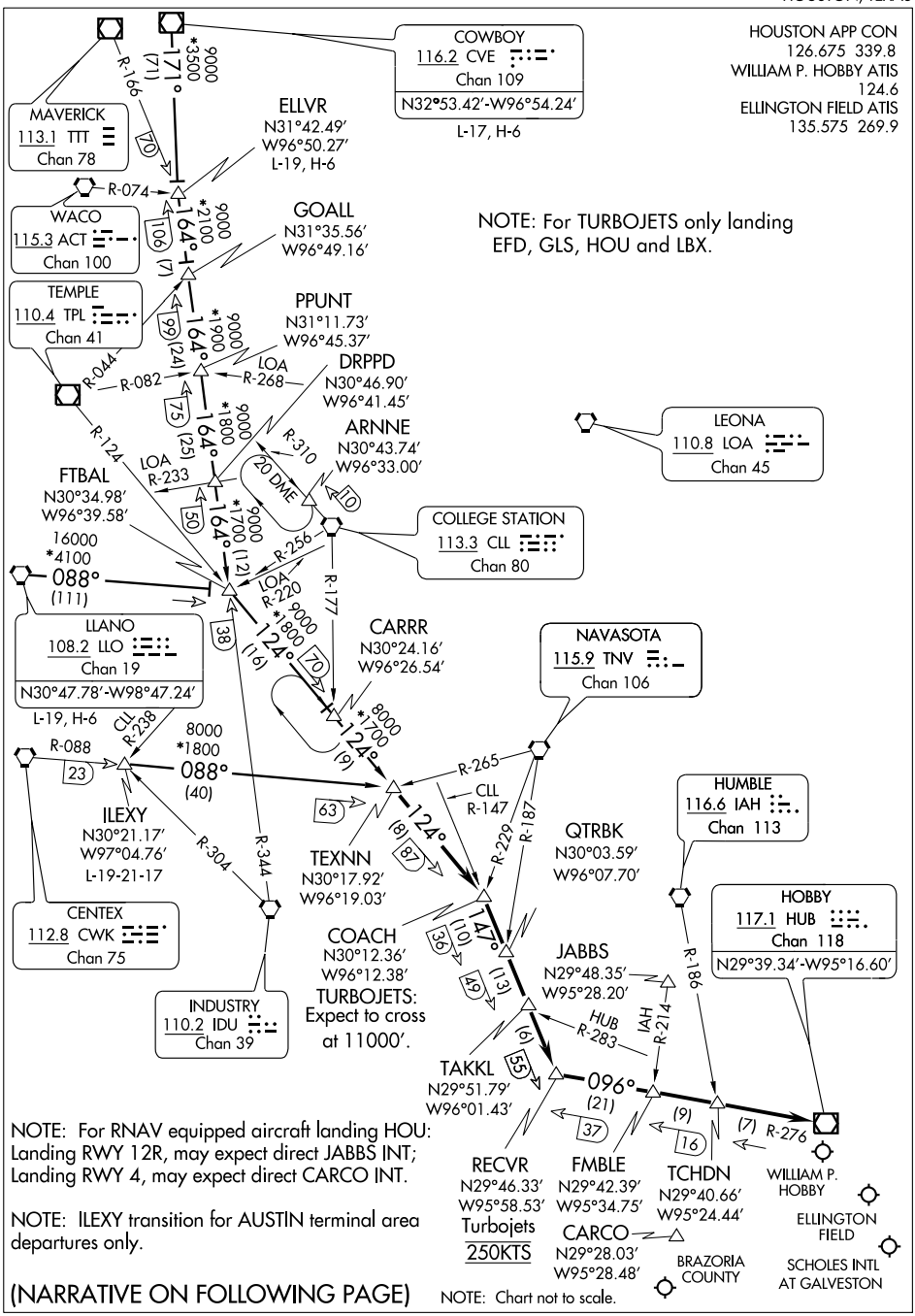
17R 17L 22 35R 35L
156 112 129 4 70
9001 × 150
8001 × 150
4689 × 75
TDZE 27
002° to TACAN

HIRL Rwy 4-22 and 17R-35L
TDZL/CL Rwy 17R, 22 and 35L

CATEGORY	A	B	C	D	E
S-35L *	520/40 493	(500-¾)	520/50 493 (500-1)	520/60 493 (500-1¼)	520-1½ 493 (500-1½)
CIRCLING * *	520-1 488	(500-1)	520-1½ 488 (500-1½)	600-2 568 (600-2)	660-2¼ 628 (700-2¼)

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

WILLIAM P. HOBBY
HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

ARRIVAL DESCRIPTION

COWBOY TRANSITION (CVE.TEXNN4): From over CVE VOR/DME via CVE R-171 to ELLVR INT, then via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ELLVR TRANSITION (ELLVR.TEXNN4): From over ELLVR INT via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ILEXY TRANSITION (ILEXY.TEXNN4): From over ILEXY INT via CWK R-088 to TEXNN INT. Thence . . . .

LLANO TRANSITION (LLO.TEXNN4): From over LLO VORTAC via LLO R-088 to FTBAL INT, then via TPL R-124 to CARRR INT, then to TEXNN INT. Thence . . . .

. . . . From over TEXNN INT via TPL R-124 to COACH INT/87 DME, then via CLL R-147 to RECVR INT/55 DME, then via HUB R-276 to TCHDN INT, then via HUB R-276 to HUB VOR. Expect vectors to final approach course at or prior to TCHDN INT.

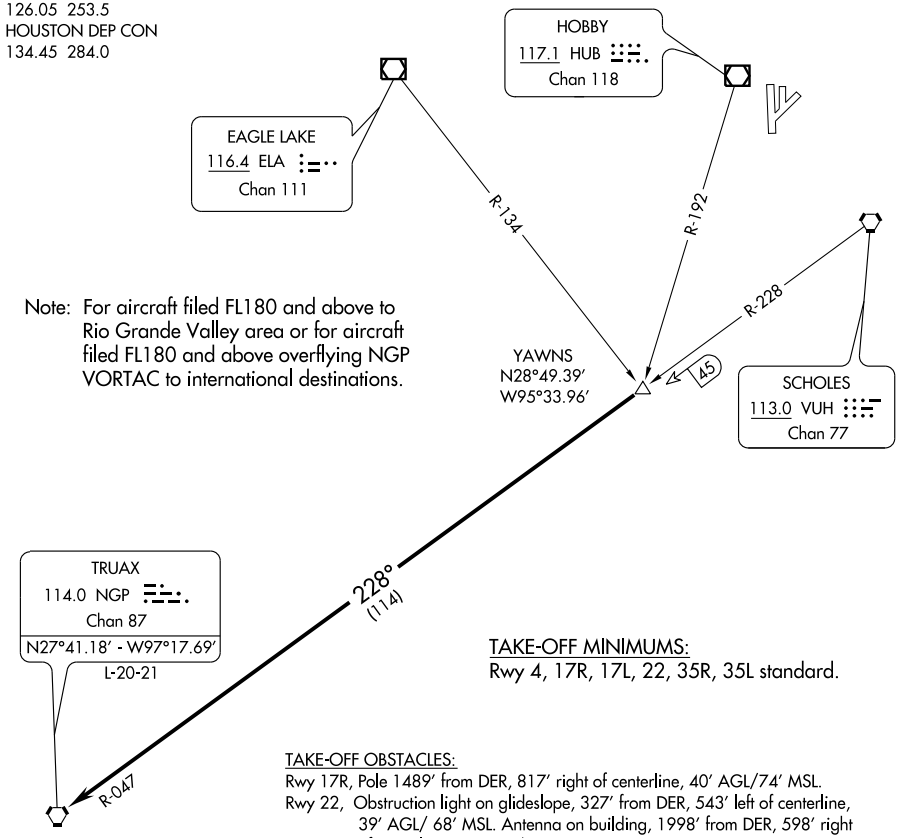
. . . . LANDING RWY 22: Expect vectors to final approach course at or prior to HUB VOR.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE

SL-197 (FAA)

ATIS ★
135.575 269.9
GND CON
121.6 275.8
ELLINGTON TOWER
126.05 253.5
HOUSTON DEP CON
134.45 284.0



Note: For aircraft filed FL180 and above to Rio Grande Valley area or for aircraft filed FL180 and above overflying NGP VORTAC to international destinations.

TAKE-OFF MINIMUMS:
Rwy 4, 17R, 17L, 22, 35R, 35L standard.

TAKE-OFF OBSTACLES:
Rwy 17R, Pole 1489′ from DER, 817′ right of centerline, 40′ AGL/74′ MSL.
Rwy 22, Obstruction light on glideslope, 327′ from DER, 543′ left of centerline, 39′ AGL/ 68′ MSL. Antenna on building, 1998′ from DER, 598′ right of centerline, 54′ AGL/83 MSL.
Rwy 35R, Tree 1597′ from DER, 32′ left of centerline, 33′ AGL/80′ MSL.
Rwy 35L, Multiple trees beginning 1118′ from DER, 679′ right of centerline, up to 37′ AGL/77′ MSL. Crane 2352′ from DER, 1024′ left of centerline, 37′ AGL/97′ MSL.

NOTE: Chart not to scale.

NOTE: Radar Required.

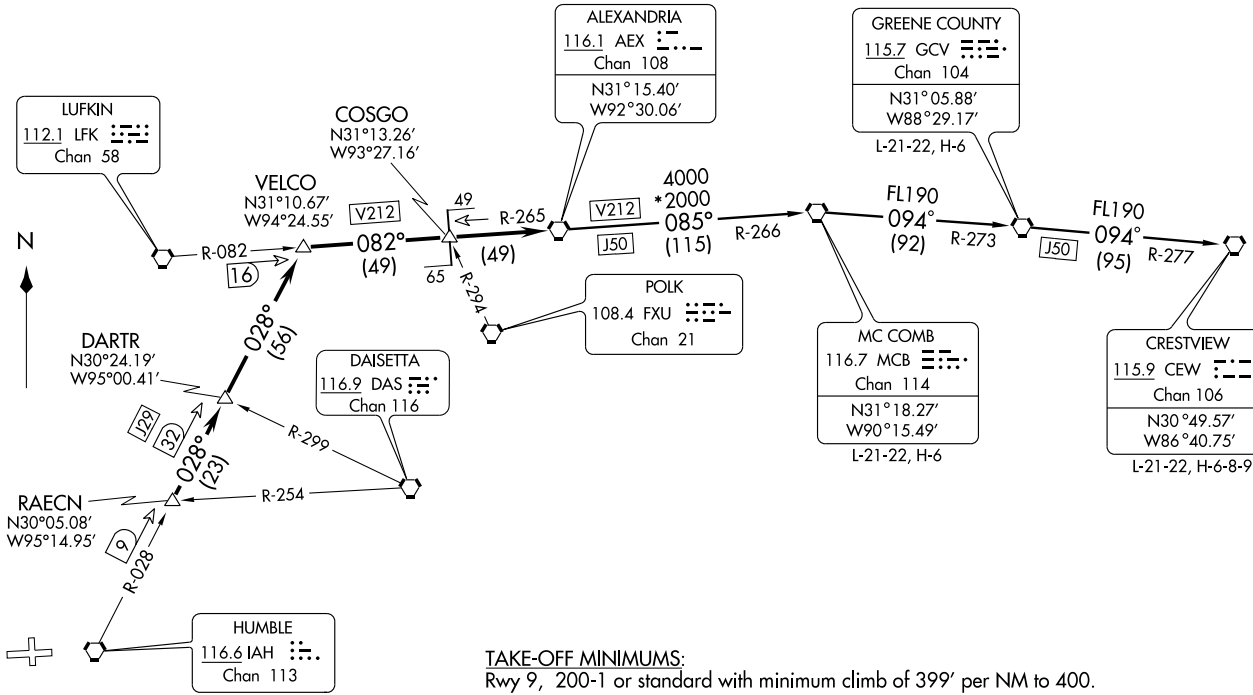
DEPARTURE ROUTE DESCRIPTION

Expect vectors to YAWNS INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence. . . .

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON DEP CON
123.8 257.7
CTAF
122.8



TAKE-OFF MINIMUMS:
Rwy 9, 200-1 or standard with minimum climb of 399′ per NM to 400.
Rwy 27, standard.

TAKE-OFF OBSTACLE:
Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

(AEX4.AEX) 09183
ALEXANDRIA FOUR DEPARTURE
SL-6877 (FAA)
HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS

ALEXANDRIA FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

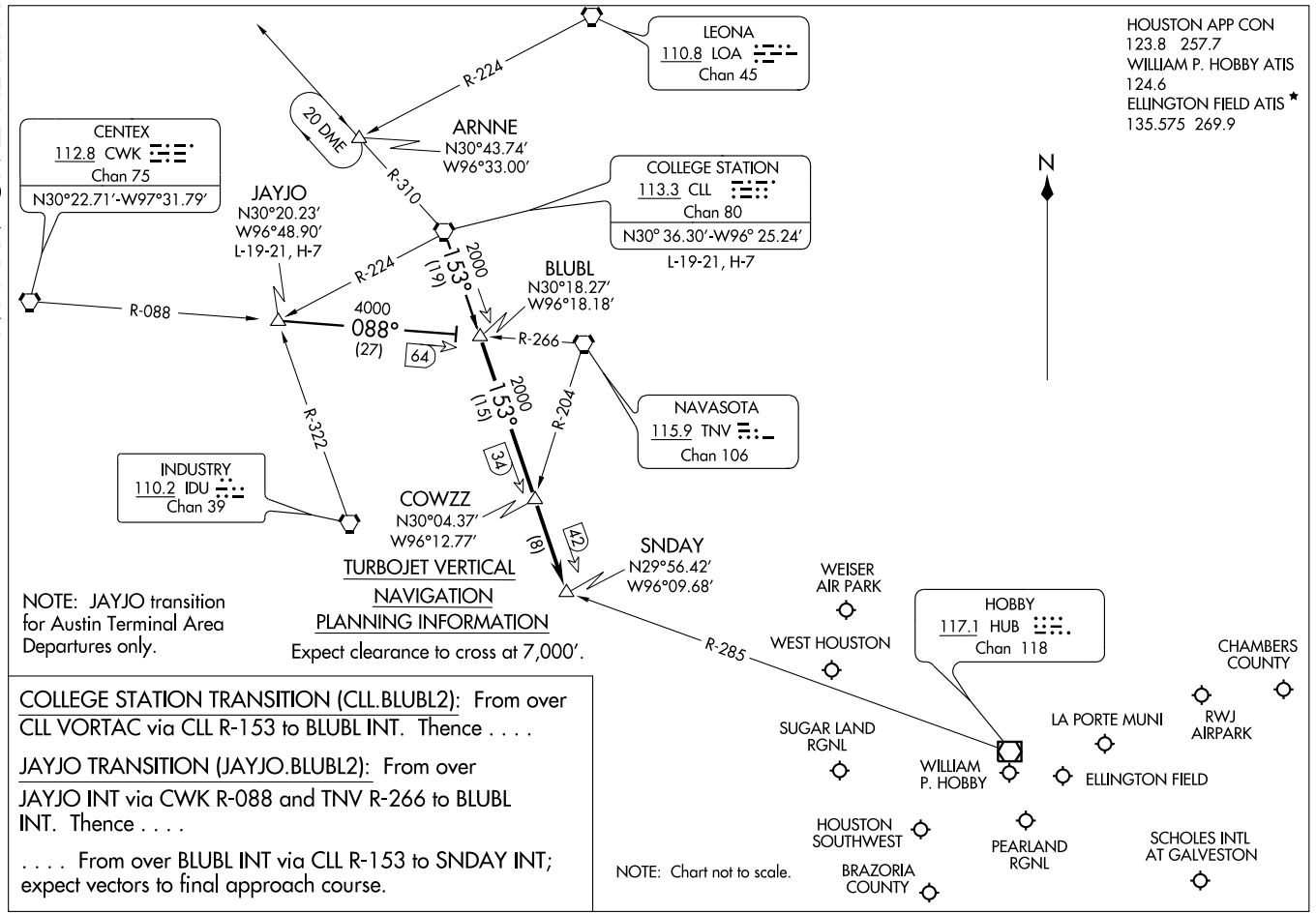
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

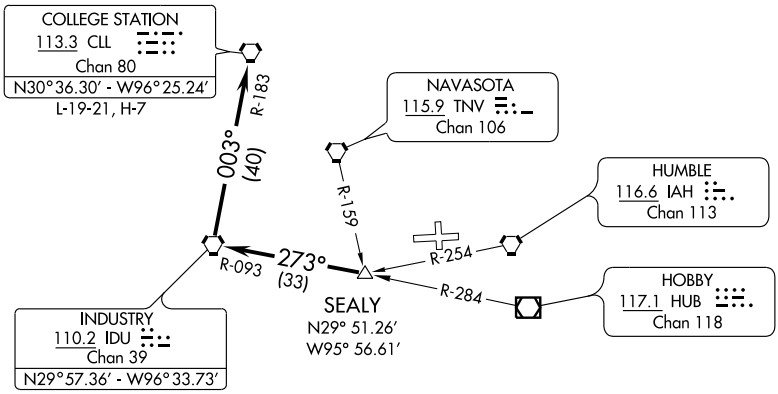
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS

HOUSTON DEP CON
123.8 257.7
CTAF
122.8



TAKE-OFF MINIMUMS:
Rwy 27 standard.
Rwy 9, 200-1 or standard with a minimum climb of 399′ per NM to 400′.

TAKE-OFF OBSTACLES:
Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

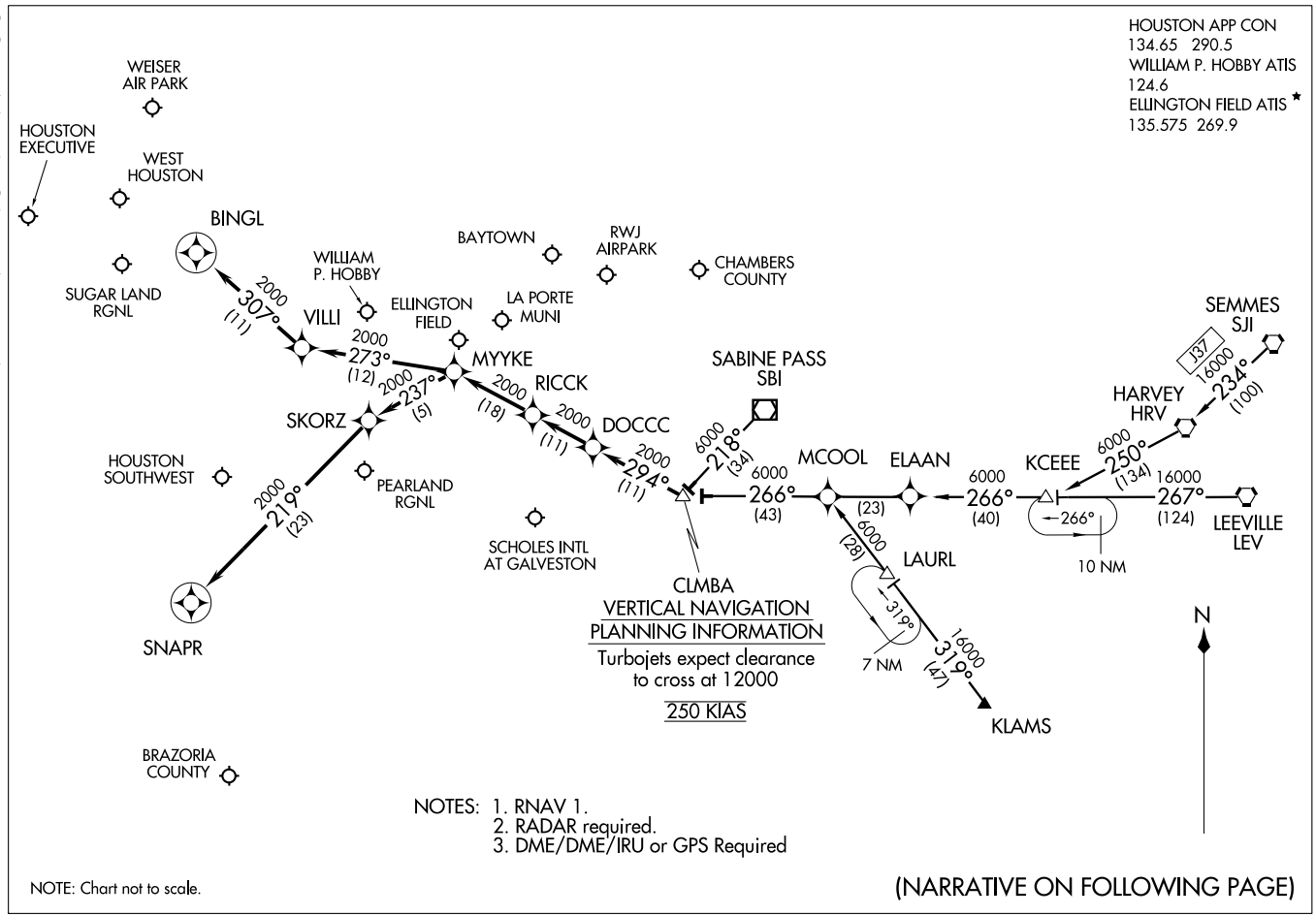
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure, Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

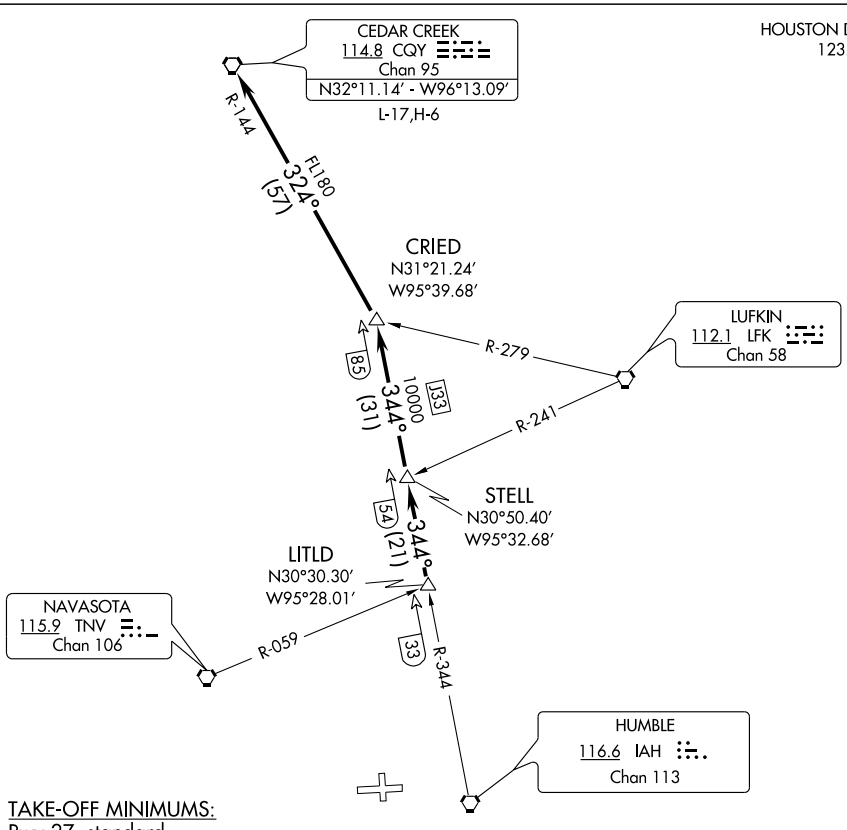
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 27, standard.
Rwy 9, 200-1 or standard with minimum climb of 399' per NM to 400.

TAKE-OFF OBSTACLES:
Rwy 9, Tank, 4127' from DER, 1455' left of centerline, 147' AGL/282' MSL.
Rwy 27, Railroad 462' from DER, 555' left of centerline, 23' AGL/165' MSL.
Vehicle and road 650' from DER, 7' left of centerline, 17' AGL/159' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

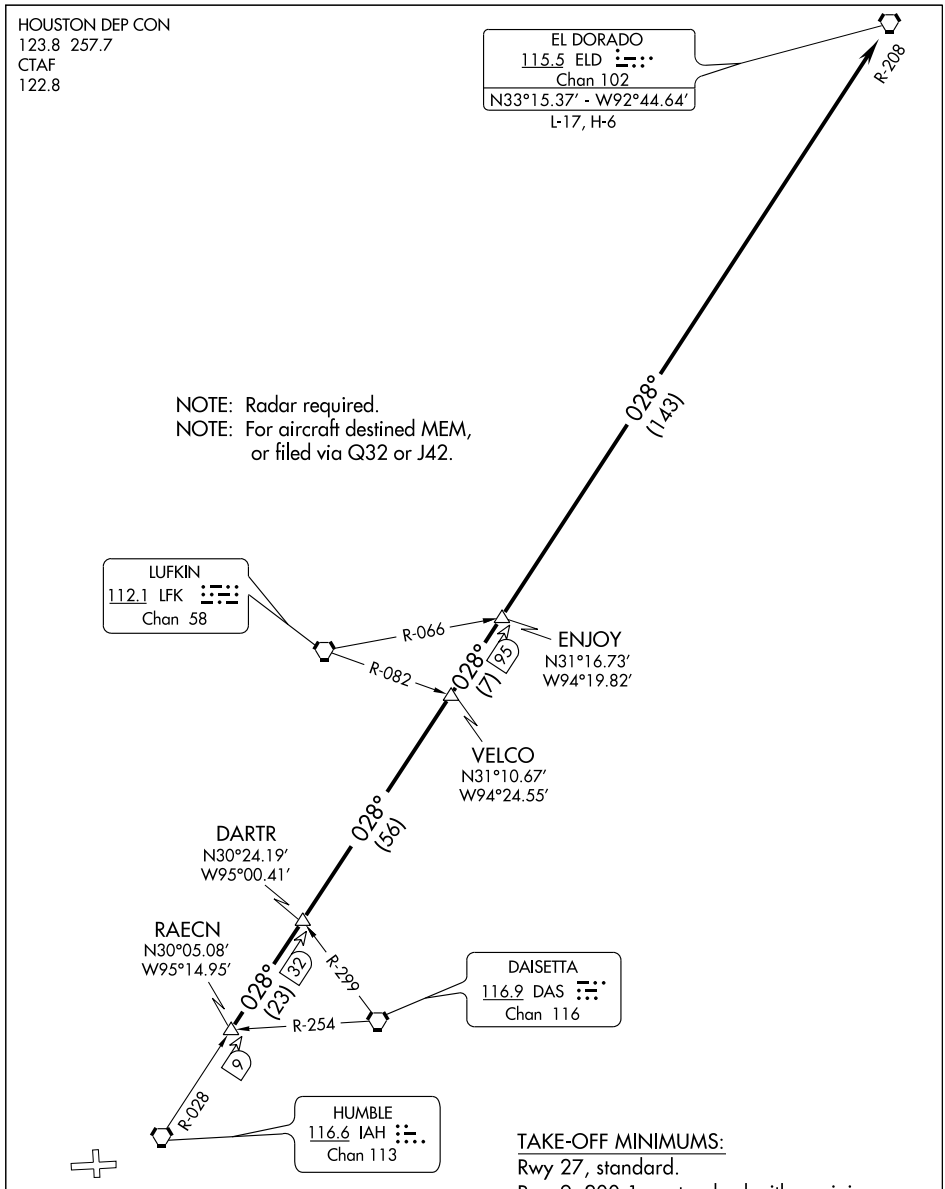
. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 27, standard.
Rwy 9, 200-1 or standard with a minimum climb of 399 feet per NM to 400.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

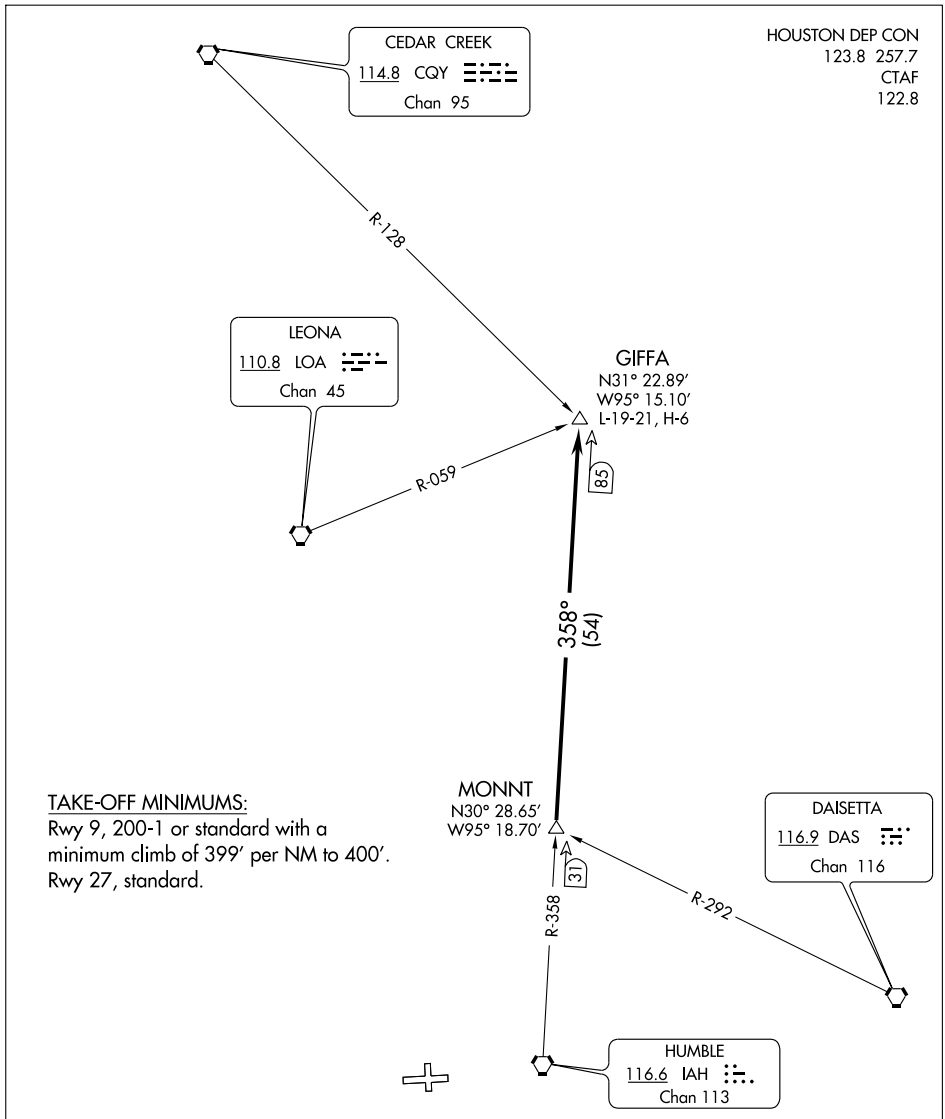
SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-6877 (FAA)

HOUSTON/ WEISER AIR PARK (EYQ)

HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 9, 200-1 or standard with a minimum climb of 399′ per NM to 400′.
Rwy 27, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

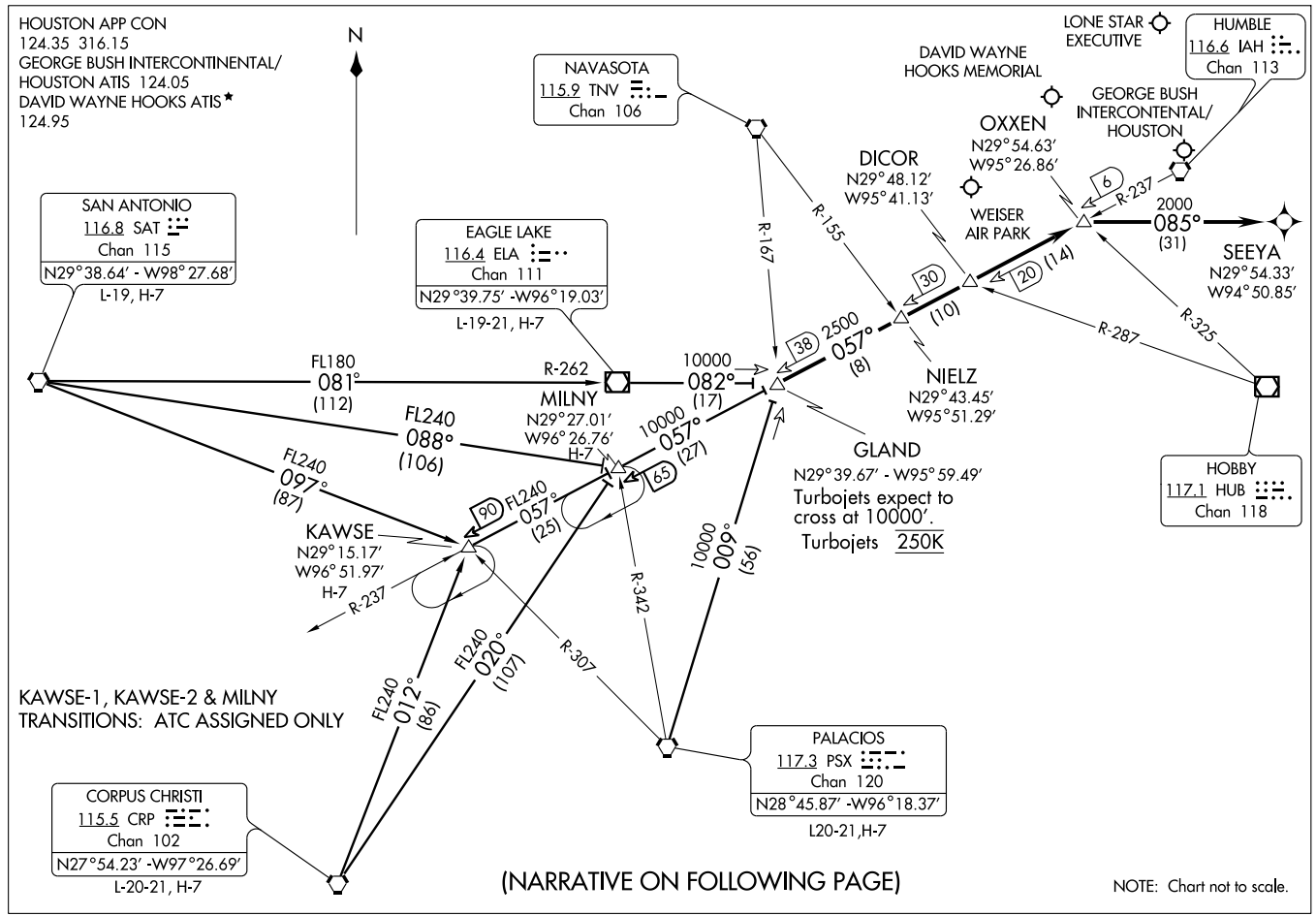
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:
Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



07298

GLAND THREE ARRIVAL (GLAND.GLAND3)

ST-5461 (FAA)

HOUSTON, TEXAS

GLAND THREE ARRIVAL (GLAND.GLAND3) HOUSTON, TEXAS

ARRIVAL DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.GLAND3): From over CRP VORTAC via CRP R-020 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

EAGLE LAKE TRANSITION (ELA.GLAND3): From over ELA VOR/DME via ELA R-082 to GLAND INT. Thence. . . .

KAWSE-1 TRANSITION (KAWSE-1.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-097 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

KAWSE-2 TRANSITION (KAWSE-2.GLAND3): (ATC assigned.) From over CRP VORTAC via CRP R-012 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

MILNY TRANSITION (MILNY.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-088 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

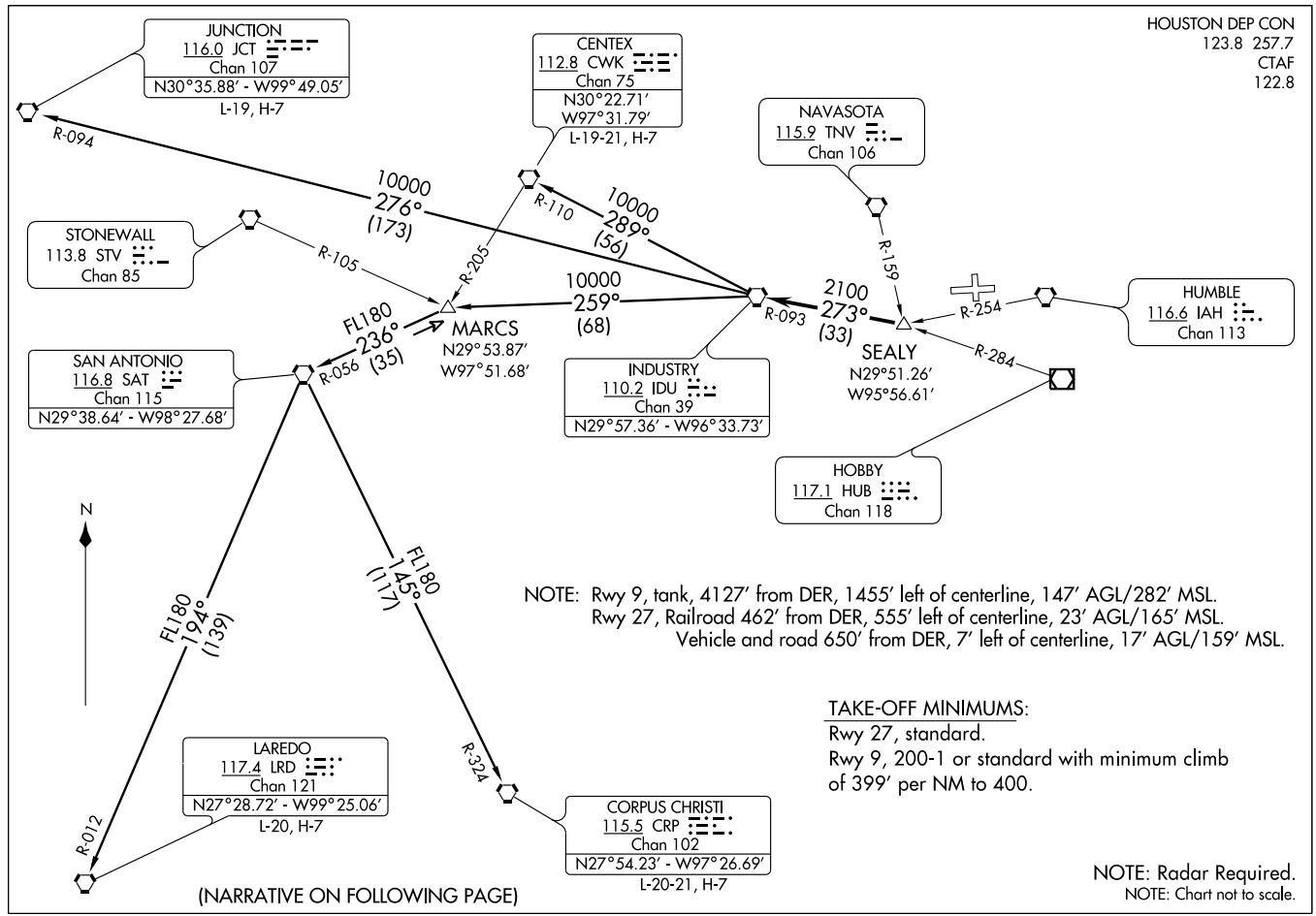
PALACIOS TRANSITION (PSX.GLAND3): From over PSX VORTAC via PSX R-009 to GLAND INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.GLAND3): From over SAT VORTAC via R-081 and ELA R-262 to ELA VOR/DME, then via ELA R-082 to GLAND INT. Thence. . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH): From over GLAND INT via IAH R-237 to OXXEN INT, landing runways 26 L/R or 27 fly heading 085° for vectors to final approach course. For /E, /F, /G, /R (RNP-2.0), equipped aircraft: from over OXXEN INT direct SEEYA WP, expect vector to final approach course prior to SEEYA WP, if not received by SEEYA WP fly present heading. All other runways, expect vectors to final approach course at or prior to OXXEN INT.

FOR ALL OTHER AIRPORTS: From over GLAND INT via IAH R-237 to OXXEN INT. Expect vectors to final approach course at or prior to OXXEN INT.

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

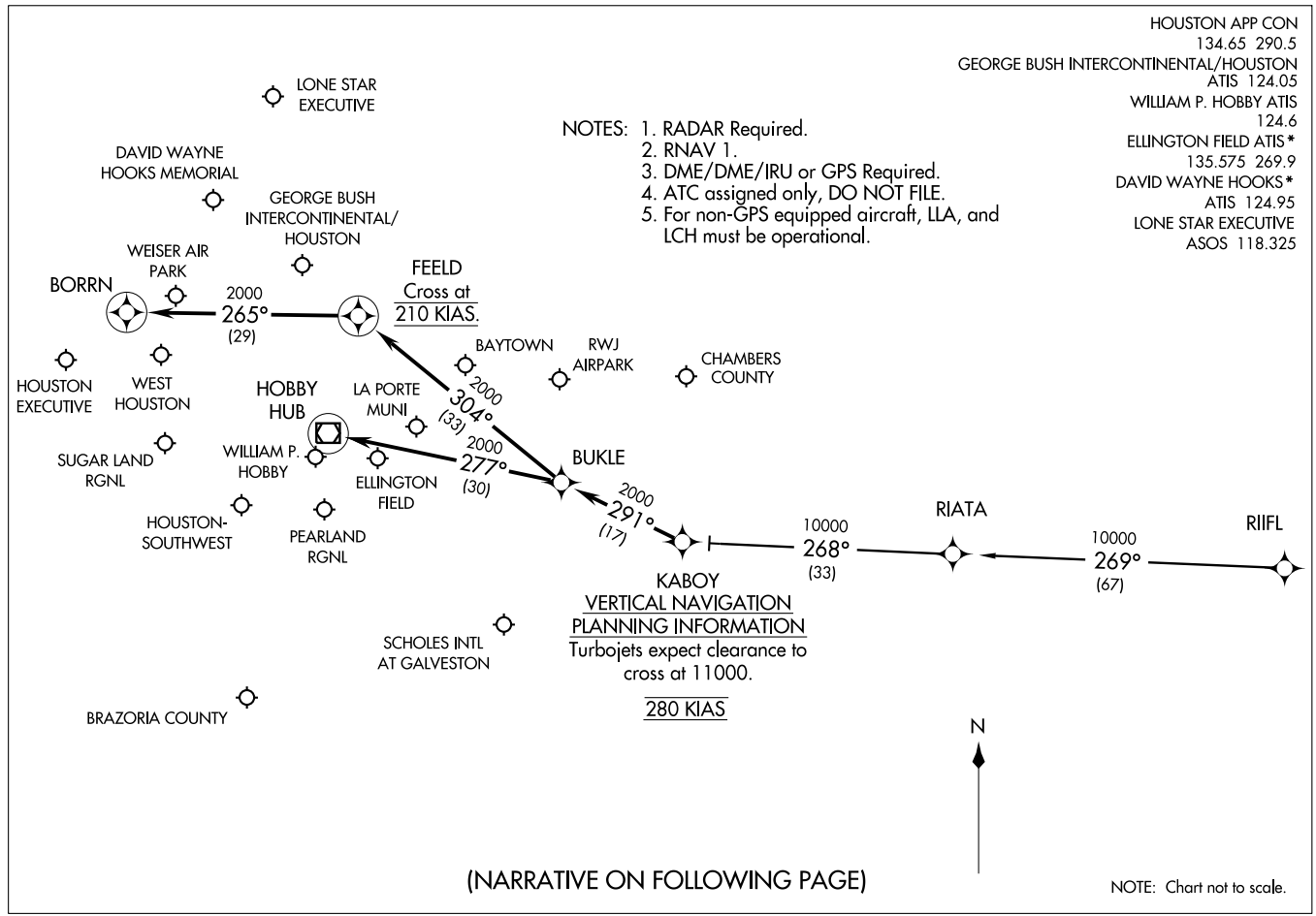
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

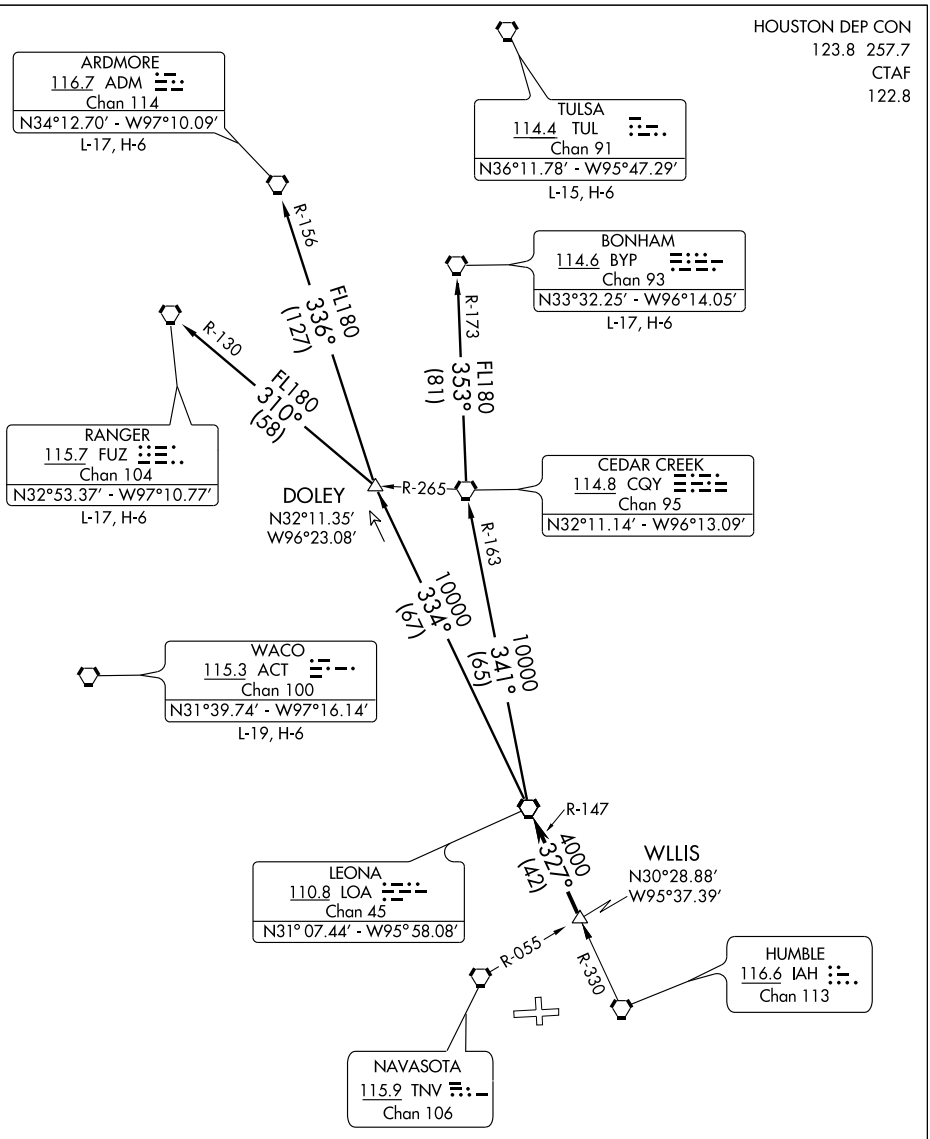
ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 9, 200-1 or standard with a Minimum Climb of 399′ per NM to 400.
Rwy 27, standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

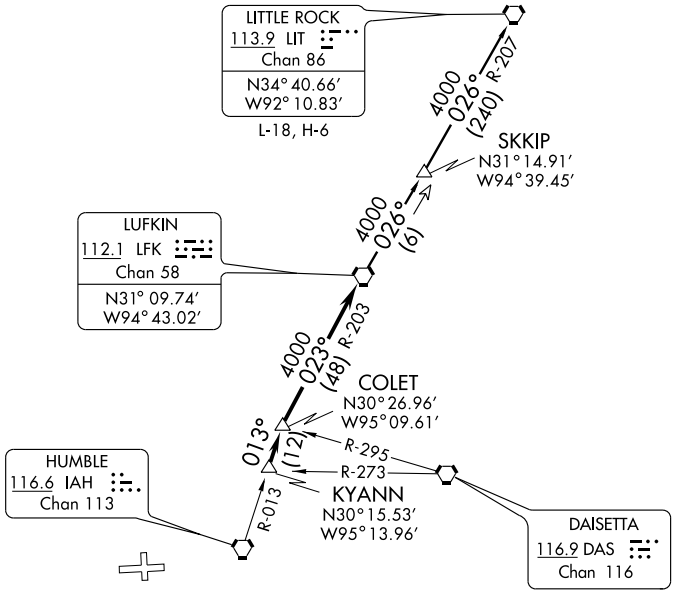
SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-6877 (FAA)

HOUSTON/ WEISER AIR PARK (EYQ)
HOUSTON, TEXAS

HOUSTON DEP CON
123.8 257.7
CTAF
122.8



TAKE-OFF MINIMUMS:
Rwy 9, 200-1 or standard with minimum climb of 399′ per NM to 400.
Rwy 27, standard.

TAKE-OFF OBSTACLES:
Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB EYQ	APP CRS	Rwy Idg	N/A
286	025°	TDZE	N/A
		Apt Elev	137

NDB-F

HOUSTON/ WEISER AIR PARK (EYQ)

Circling not authorized north of runway 9-27.
NA Use George Bush Intercontinental/Houston altimeter setting.

MISSED APPROACH: Climb to 1100 then climbing right turn to 2000 direct EYQ NDB and hold.

HOUSTON APP CON	UNICOM
123.8 257.7	122.8 (CTAF)

NAVASOTA
115.9 TNV
Chan 106

3000
126°
(30.4)

MSA EYQ 25 NM
2400
270°
3100
360°

10 NM

517
488
400
310
290
282 ±
722
638
IAF
WEISER
286 EYQ
272
20°
440 ±
465
923

025°
160°
340°
205°

3000
306°
(25.3)

1049

HOBBY
117.1 HUB
Chan 118

ELEV 137

9
2000 X 33
6
3455 X 40
27
34

025°
to NDB

LIRL Rwy 9-27
REIL Rwys 9 and 27

1100	2000	EYQ
		286

Remain within 10 NM

NDB

205°

2000

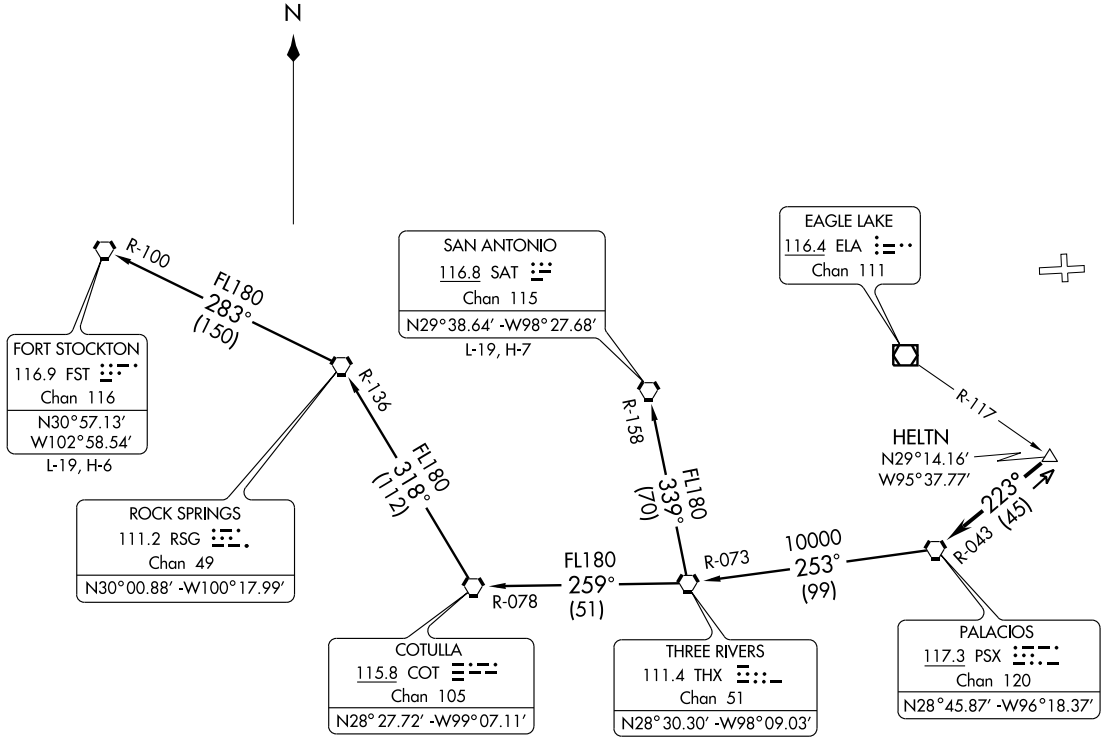
025°

Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	760-1	623 (700-1)	800-1¾	NA
			663 (700-1¾)	

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE



TAKE-OFF MINIMUMS:
Rwy 27, standard.
Rwy 9, 200-1 or standard with minimum climb of 399′ per NM to 400.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:
Rwy 9, Tank 4127' from DER, 1455' left of centerline, 147' AGL/282' MSL.
Rwy 27, Railroad 462' from DER, 555' left of centerline, 23' AGL/165' MSL.
Vehicle and road 650' from DER, 7' left of centerline, 17' AGL/159' MSL.

APP CRS	Rwy Idg	N/A
025°	TDZE	N/A
	Apt Elev	137

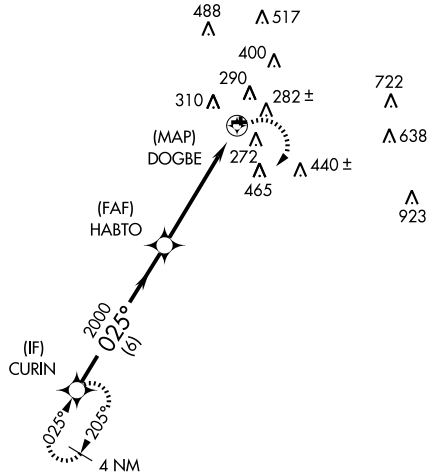
RNAV (GPS)-G

HOUSTON/ WEISER AIR PARK (EYQ)

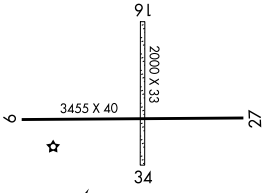
Circling not authorized north of runway 9/27.
Use George Bush Intercontinental/Houston altimeter setting.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climbing rigth turn to 2000 direct CURIN and hold.

HOUSTON APP CON	UNICOM
123.8 257.7	**122.8** (CTAF)



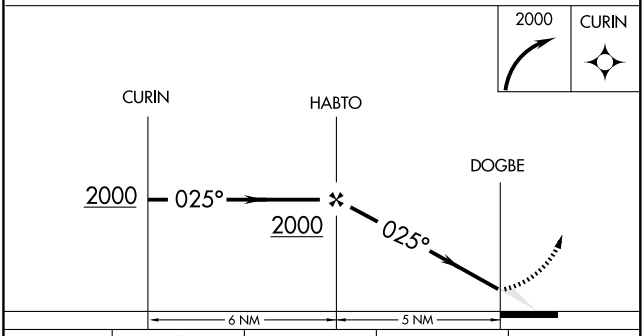
ELEV 137



025°
to DOGBE

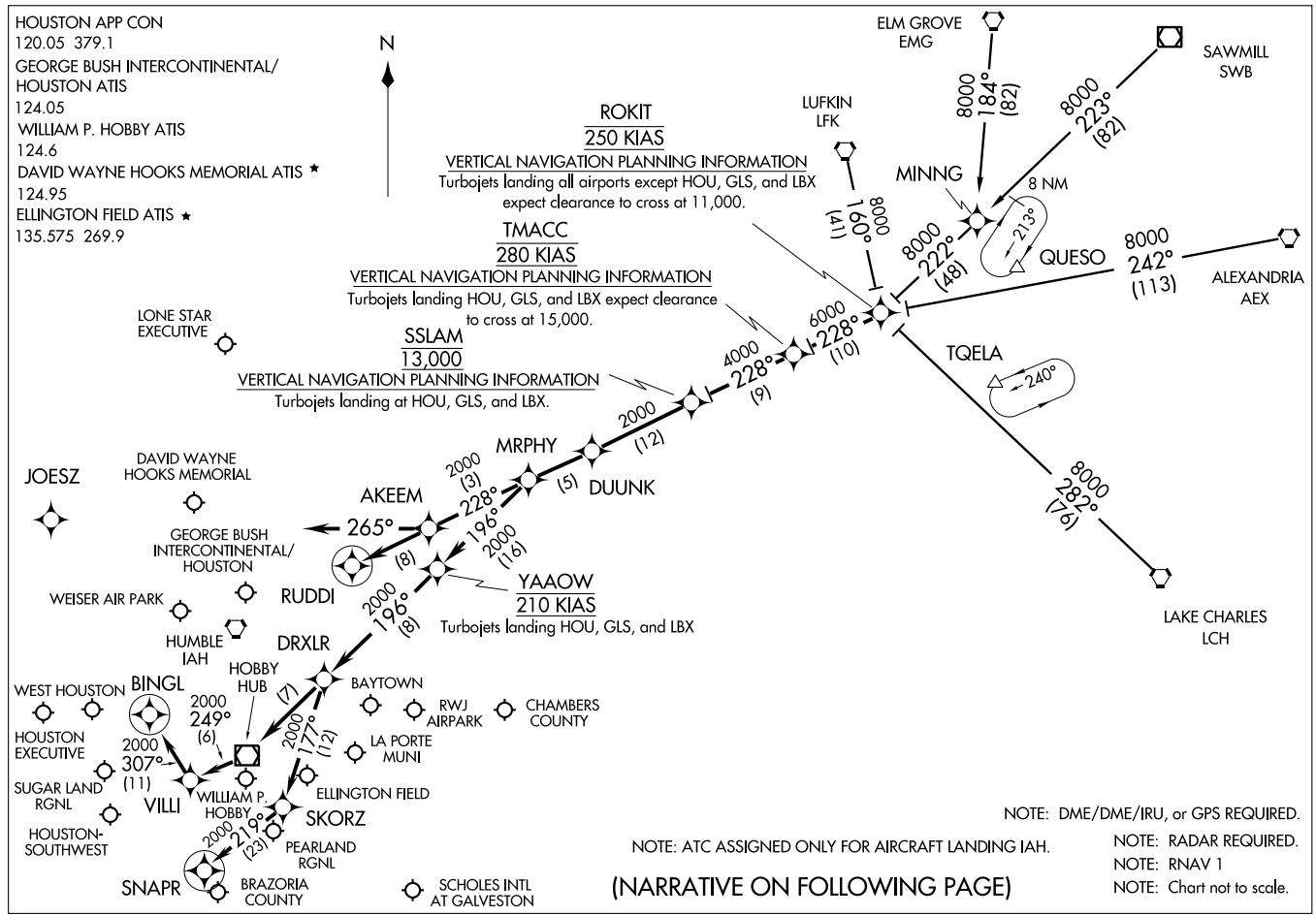
LIRL Rwy 9-27
REIL Rwys 9 and 27

RADAR REQUIRED



CATEGORY	A	B	C	D
CIRCLING	680-1	543 (600-1)	800-2 663 (700-2)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBI) 09071

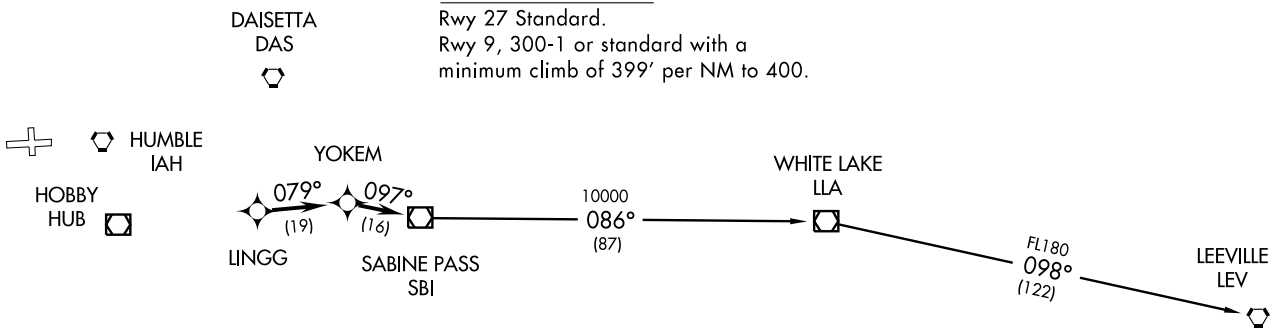
SL-6877 (FAA)

HOUSTON/WEISER AIR PARK (EYQ)
HOUSTON, TEXAS

HOUSTON DEP CON
123.8 257.7
CTAF
122.8

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

TAKE-OFF MINIMUMS:
Rwy 27 Standard.
Rwy 9, 300-1 or standard with a minimum climb of 399' per NM to 400.



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

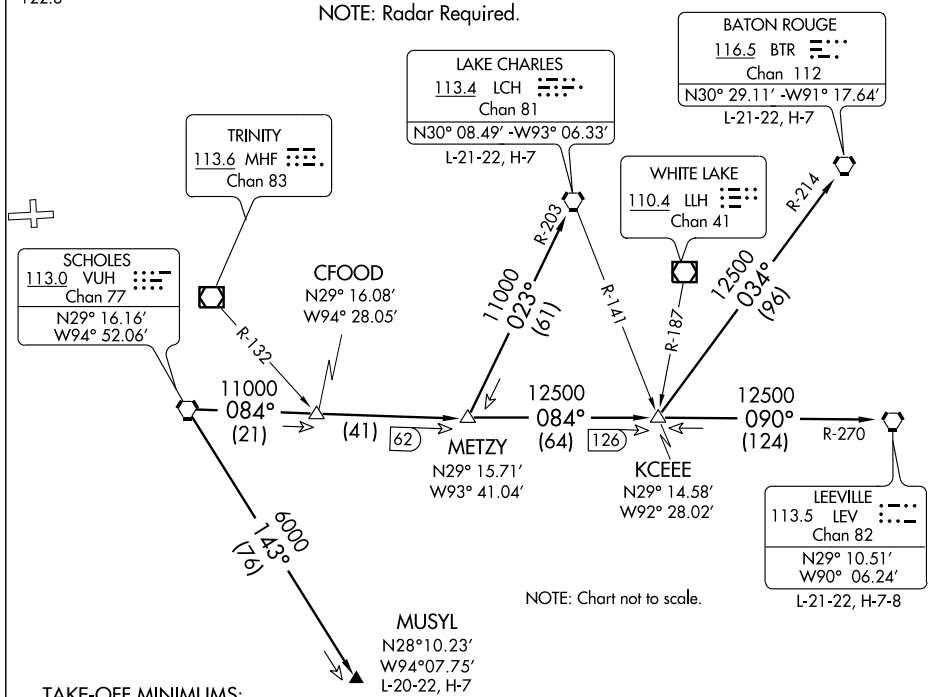
TAKE-OFF OBSTACLES:
Rwy 9, Tank, 4127' from DER, 1455' left of centerline, 147' AGL/282' MSL.
Rwy 27, Railroad 462' from DER, 555' left of centerline, 23' AGL/165' MSL.
Vehicle and road 650' from DER, 7' left of centerline, 17' AGL/159' MSL.

NOTE: Chart not to scale.

SCHOLES THREE DEPARTURE SL-6877 (FAA)

HOUSTON DEP CON
123.8 257.7
CTAF
122.8

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
Rwy 9, 300-1 or standard with minimum climb of 399′ per NM to 400′.
Rwy 27, standard.
TAKE-OFF OBSTACLES:
Rwy 9, Tank 4127′ from DER, 1455′ left of centerline, 147′ AGL/282′ MSL.
Rwy 27, Railroad 462′ from DER, 555′ left of centerline, 23′ AGL/165′ MSL.
Vehicle and road 650′ from DER, 7′ left of centerline, 17′ AGL/159′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

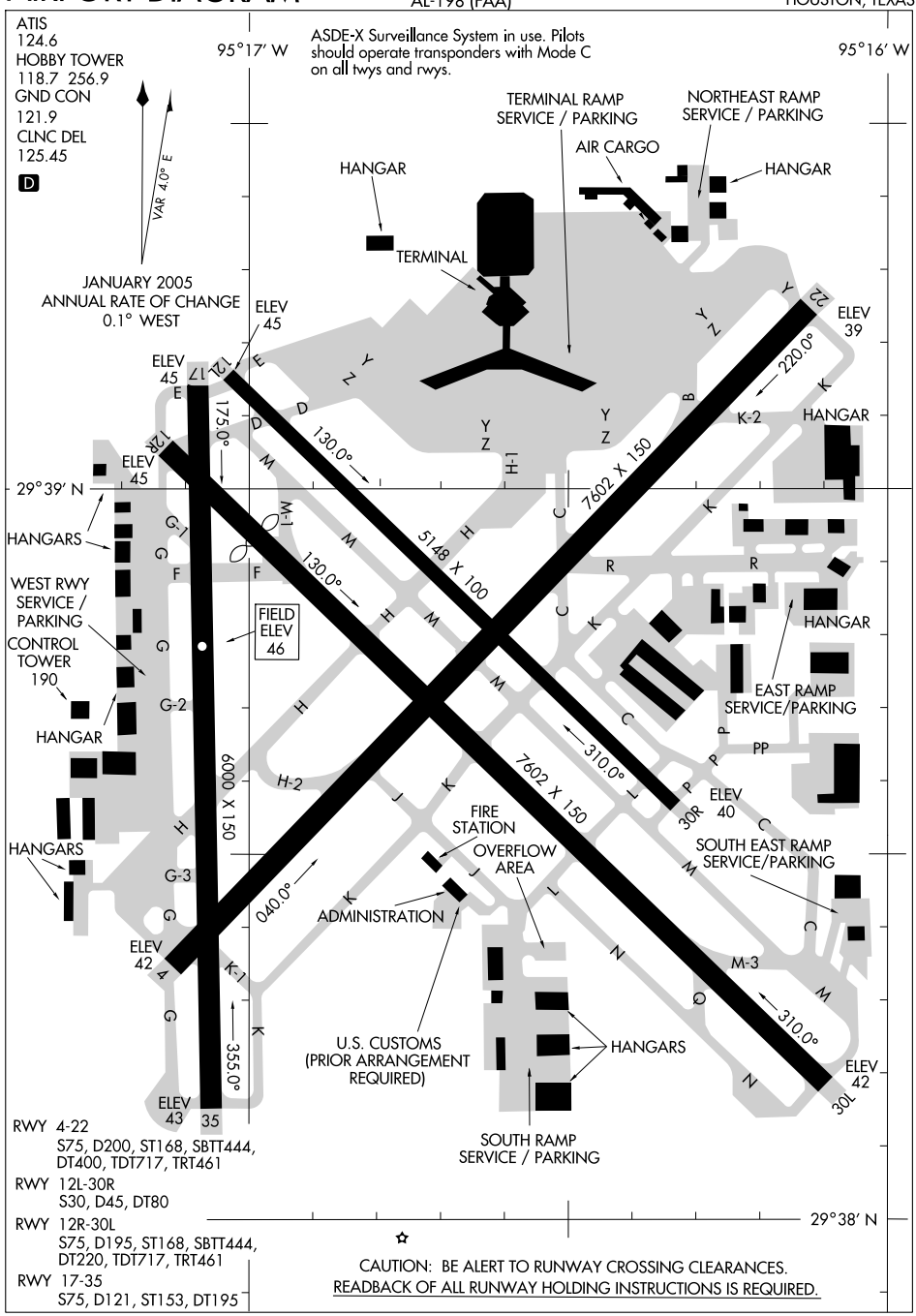
SC-5, 17 DEC 2009 to 14 JAN 2010

09351

AIRPORT DIAGRAM

HOUSTON/WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

AL-198 (FAA)



RWY 4-22
S75, D200, ST168, SBTT444, DT400, TDT717, TRT461

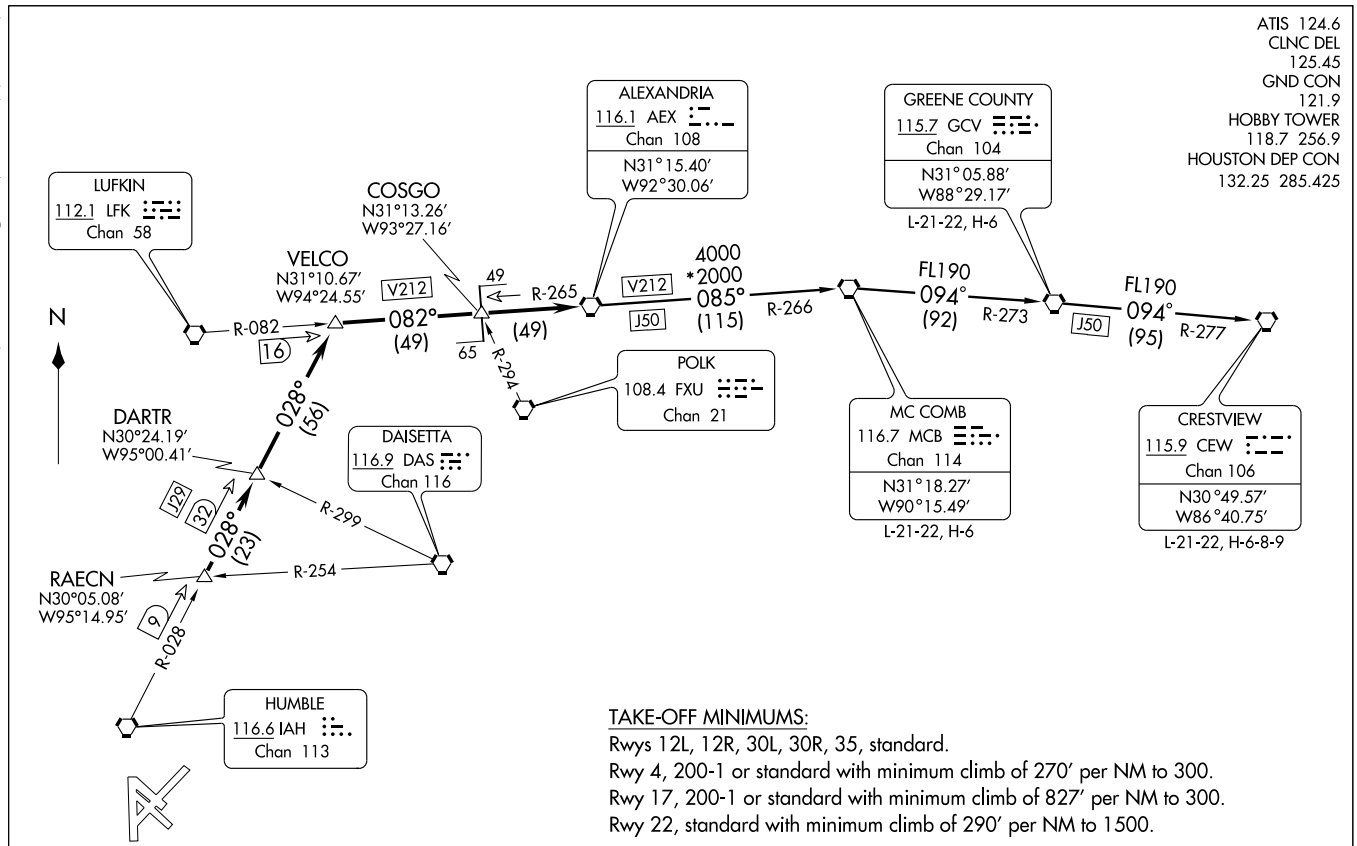
RWY 12L-30R
S30, D45, DT80

RWY 12R-30L
S75, D195, ST168, SBTT444, DT220, TDT717, TRT461

RWY 17-35
S75, D121, ST153, DT195

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-5, 17 DEC 2009 to 14 JAN 2010



TAKE-OFF MINIMUMS:
Rwys 12L, 12R, 30L, 30R, 35, standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300.
Rwy 22, standard with minimum climb of 290′ per NM to 1500.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

(NOTES CONTINUED ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 5000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

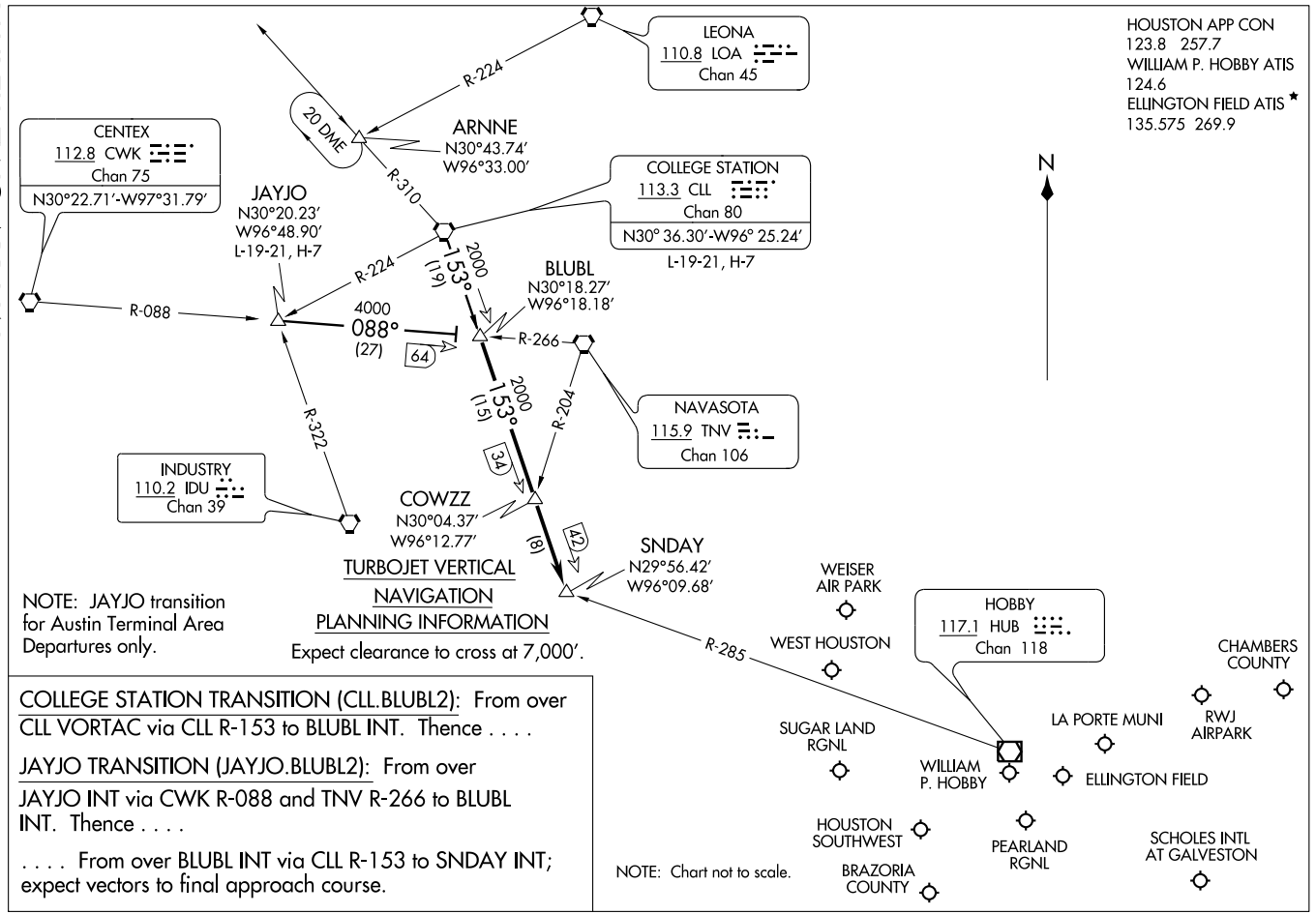
GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403' from DER, 1069' right of centerline, 121' AGL/166' MSL.
Light on building 1562' from DER, 859' right of centerline, 59' AGL/103' MSL.
Building 3990' from DER, 1223' right of centerline, 139' AGL/174' MSL.
Light on flag pole 4618' from DER, 768' right of centerline, 117' AGL/161' MSL.
Rwy 12L, Antenna on hangar 1548' from DER, 424' left of centerline, 45' AGL/85' MSL.
Rwy 12R, Vehicle and road 514' from DER, 543' right of centerline, 17' AGL/55' MSL.
Tree 1217' from DER, 756' right of centerline, 43' AGL/89' MSL.
Fence 85' from DER, 492' left of centerline, 4' AGL/45' MSL.
Vehicle and road 176' from DER, 497' left of centerline, 17' AGL/55' MSL.
Pole 1011' from DER, 696' left of centerline, 33' AGL/73' MSL.
Tree 1256' from DER, 783' left of centerline, 38' AGL/78' MSL.
Rwy 17, Multiple poles beginning 606' from DER, 393' right of centerline, up to 79' AGL/124' MSL.
Crane 1795' from DER, 689' right of centerline, 100' AGL/150' MSL.
Antenna on building 620' from DER, 312' left of centerline, 27' AGL/72' MSL.
Multiple trees beginning 721' from DER, 260' left of centerline, up to 71' AGL/116' MSL.
Radar reflector 1214' from DER, 258' left of centerline, 32' AGL/77' MSL.
Rwy 22, Pole 727' from DER, 626' right of centerline, 28' AGL/77' MSL.
Tree 1310' from DER, 679' right of centerline, 27' AGL/76' MSL.
Antenna on light pole 1805' from DER, 968' right of centerline, 60' AGL/109' MSL.
Rwy 30L, Antenna on building 547' from DER, 274' right of centerline, 23' AGL/69' MSL.
Multiple poles beginning 341' from DER, 501' left of centerline, up to 39' AGL/84' MSL.
Multiple trees beginning 1392' from DER, 466' left of centerline, up to 78' AGL/118' MSL.
Rwy 30R, Pole 1096' from DER, 785' right of centerline, 29' AGL/75' MSL.
Antenna on building 500' from DER, 525' left of centerline, 33' AGL/69' MSL.
Rwy 35, Antenna on light pole 738' from DER, 519' right of centerline, 40' AGL/86' MSL.
Light pole 1119' from DER, 353' right of centerline, 31' AGL/77' MSL.
Antenna on building 66' from DER, 471' left of centerline, 33' AGL/69' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

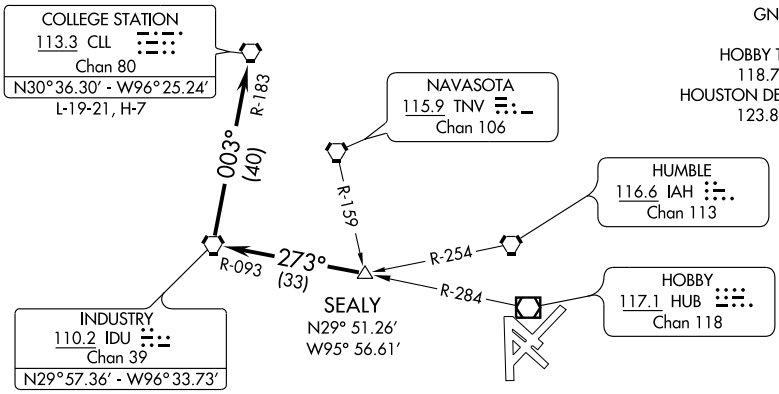
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

ATIS 124.6
CLNC DEL 125.45
GND CON 121.9
HOBBY TOWER 118.7 256.9
HOUSTON DEP CON 123.8 257.7



TAKE-OFF MINIMUMS:
Rwys 12L, 12R, 30L, 30R, 35 standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300′.
Rwy 17, 200-½ or standard with minimum climb of 827′ per NM to 300′.
Rwy 22, standard with minimum climb of 290′ per NM to 1500′.

NOTE: Radar Required.

(NOTES ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to SEALY INT, maintain 5000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′ right of centerline, 139′ AGL/174′ MSL. Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL.

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/ 45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL. Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL.

Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

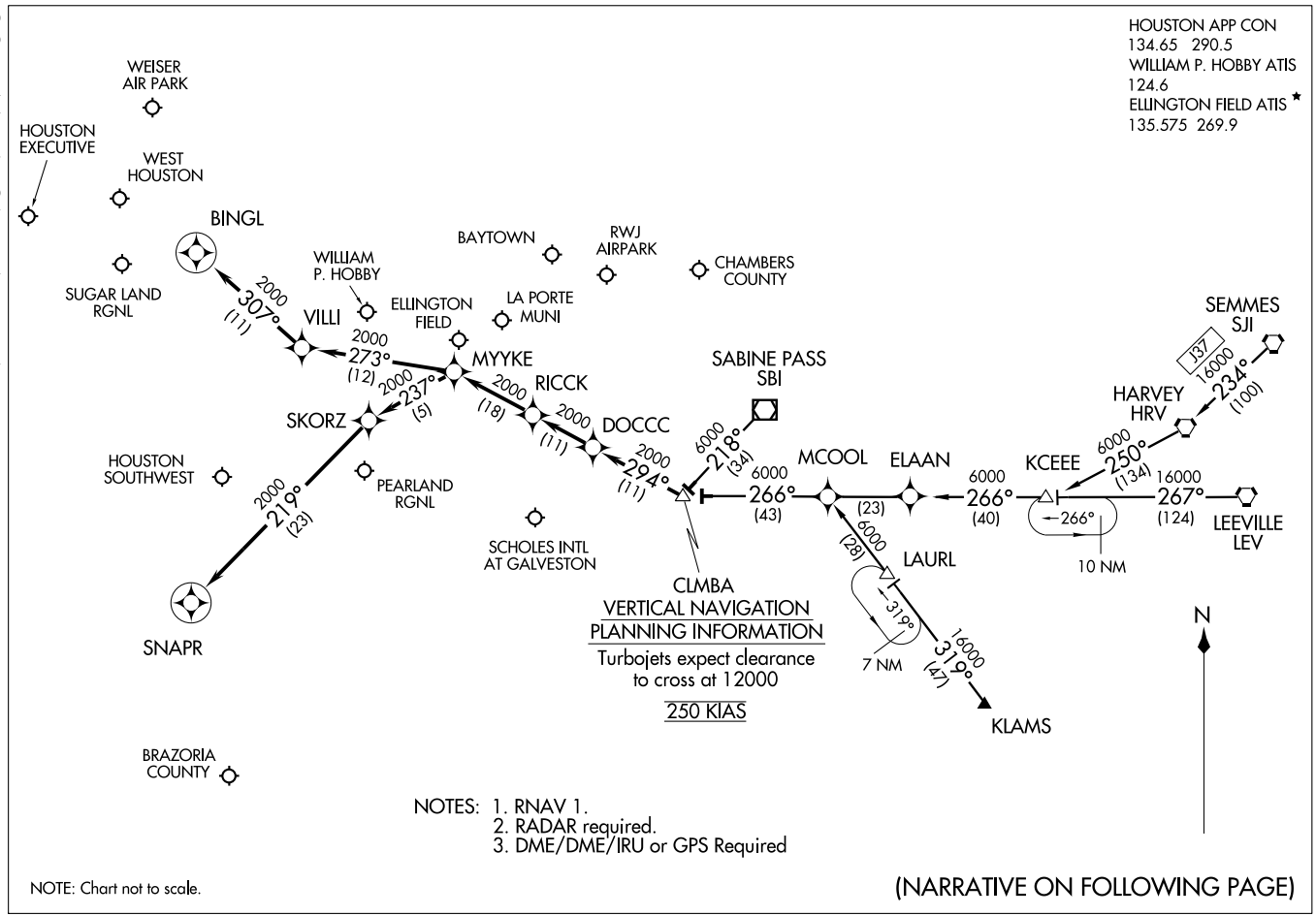
Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

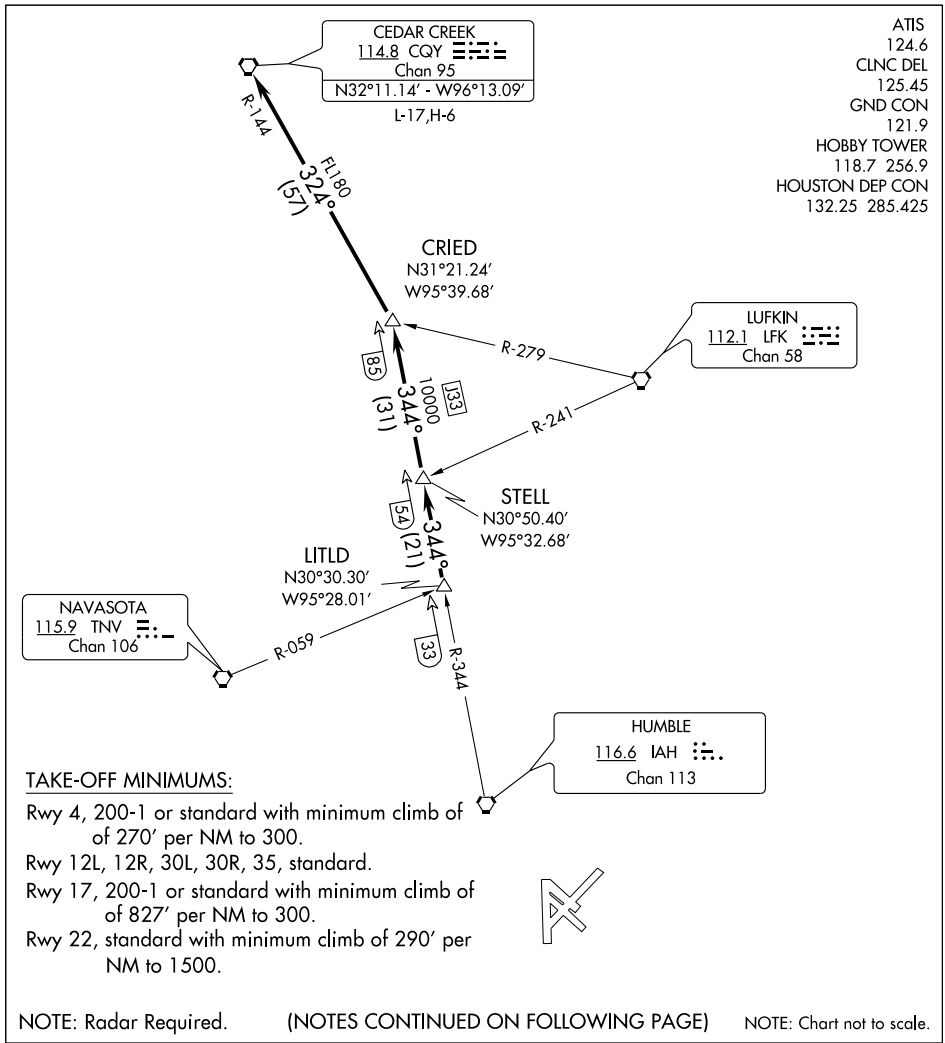
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS



ATIS
124.6
CLNC DEL
125.45
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

TAKE-OFF MINIMUMS:

Rwy 4, 200-1 or standard with minimum climb of of 270′ per NM to 300.
Rwy 12L, 12R, 30L, 30R, 35, standard.
Rwy 17, 200-1 or standard with minimum climb of of 827′ per NM to 300.
Rwy 22, standard with minimum climb of 290′ per NM to 1500.

NOTE: Radar Required.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LITLD INT, maintain 5,000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 4, Pole 4403', from DER, 1069' right of centerline, 121' AGL/166' MSL. Light on building 1562' from DER, 859' right of centerline, 59' AGL/103' MSL. Building 3990' from DER, 1223' right of centerline, 139' AGL/174' MSL. Light on flagpole 4618' from DER, 768' right of centerline, 117' AGL/161' MSL.

Rwy 12L, Antenna on hanger, 1548' from DER, 424' left of centerline, 45' AGL/85' MSL.

Rwy 12R, Vehicle and road 514' from DER, 543' right of centerline, 17' AGL/55' MSL. Tree 1217' from DER, 756' right of centerline, 43' AGL/89' MSL. Fence 85' from DER, 492' left of centerline, 4' AGL/45' MSL. Vehicle and road 176' from DER, 497' left of centerline, 17' AGL/55' MSL. Pole 1011' from DER, 696' left of centerline, 33' AGL/73' MSL. Tree 1256' from DER, 783' left of centerline, 38' AGL/78' MSL.

Rwy 17, Multiple poles beginning 606' from DER, 393' right of centerline, up to 79' AGL/124' MSL. Crane 1795' from DER, 689' right of centerline, 100' AGL/150' MSL. Antenna on building, 620' from DER, 312' left of centerline, 27' AGL/72' MSL. Multiple trees beginning 721' from DER, 260' left of centerline, up to 71' AGL/116' MSL. Radar reflector, 1214' from DER, 258' left of centerline, 32' AGL/77' MSL.

Rwy 22, Antenna on light pole 1805' from DER, 968' right of centerline, 60' AGL/109' MSL. Pole, 727' from DER, 626' right of centerline, 28' AGL/77' MSL. Tree, 1310' from DER, 679' right of centerline, 27' AGL/76' MSL.

Rwy 30L, Multiple poles beginning 341' from DER, 501' left of centerline, up to 39' AGL/84' MSL. Antenna on building 547' from DER, 274' right of centerline, 23' AGL/69' MSL. Multiple trees beginning 1392' from DER, 466' left of centerline, up to 78' AGL/118' MSL.

Rwy 30R, Antenna on building, 500' from DER, 525' left of centerline, 33' AGL/69' MSL. Pole 1096' from DER, 785' right of centerline, 29' AGL/75' MSL.

Rwy 35, Antenna on light pole 738' from DER, 519' right of centerline, 40' AGL/86' MSL. Antenna on building 66' from DER, 471' left of centerline, 33' AGL/69' MSL. Light pole 1119' from DER, 353' right of centerline, 31' AGL/77' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

ATIS 124.6
CLNC DEL
125.45
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7) 93

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23) 32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwy 12L, 12R, 30L, 30R, 35, standard.
Rwy 4, 200-1 or standard with minimum climb of 270 ft per NM to 300.
Rwy 17, 200-1 or standard with minimum climb of 827 ft per NM to 300.
Rwy 22, standard with minimum climb of 290 ft per NM to 1500.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 5000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline 121′ AGL/166′MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′ right of centerline, 139′ AGL/174′ MSL. Light on flag pole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hanger 1548′ from DER, 424′ left of centerline, 45′ AGL/ 85′ MSL.

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL. Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL.

Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline 33′ AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

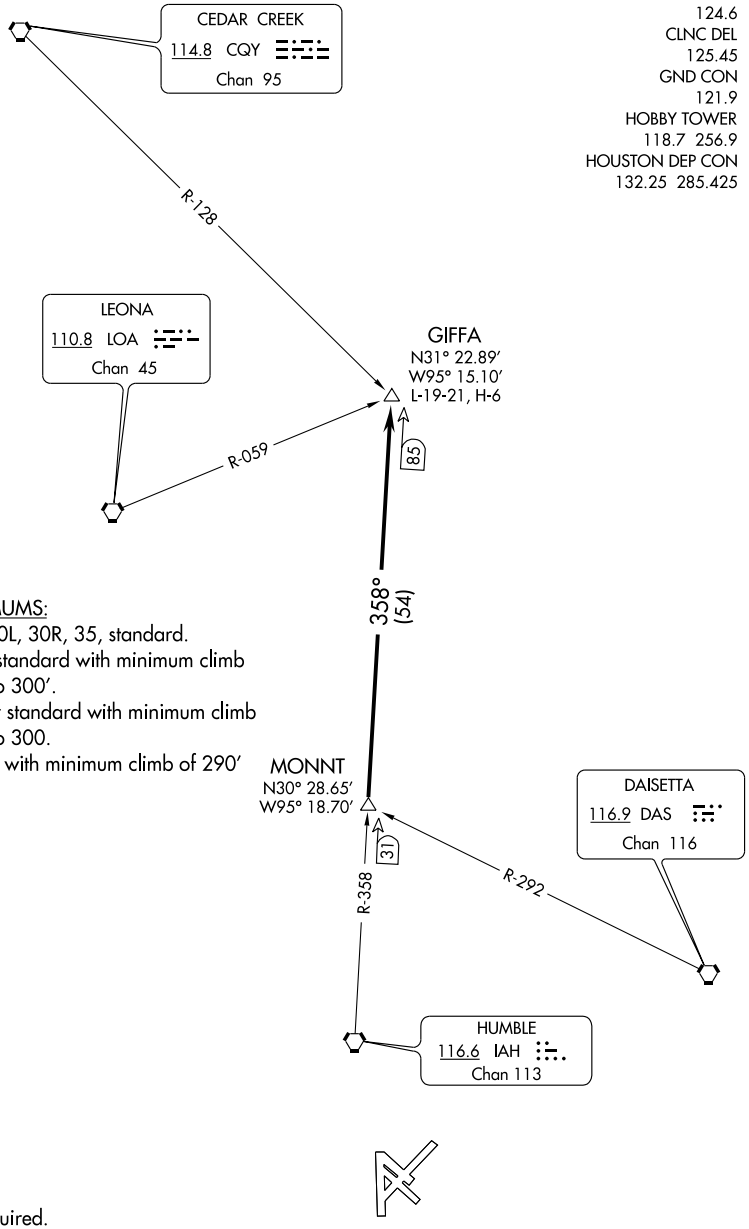
SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

ATIS 124.6
CLNC DEL 125.45
GND CON 121.9
HOBBY TOWER 118.7 256.9
HOUSTON DEP CON 132.25 285.425



TAKE-OFF MINIMUMS:
Rwys 12L, 12R, 30L, 30R, 35, standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300′.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300.
Rwy 22, standard with minimum climb of 290′ per NM to 1500.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to MONNT INT, maintain 5000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL.
Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL.
Building 3990′ from DER, 1223′, right of centerline, 139′ AGL/174′ MSL.
Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL.

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL.
Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL.
Fence 85′ from DER, 492′ left of centerline, 4′ AGL/ 45′ MSL.
Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL.
Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL.
Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL.
Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL.
Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL.
Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL.
Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL.
Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL.
Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL

Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL.
Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL.
Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL.
Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL.
Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL.
Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-HUB	APP CRS	Rwy Idg	7602
109.9	039°	TDZE	44
Chan 36		Apt Elev	46

ILS or LOC RWY 4

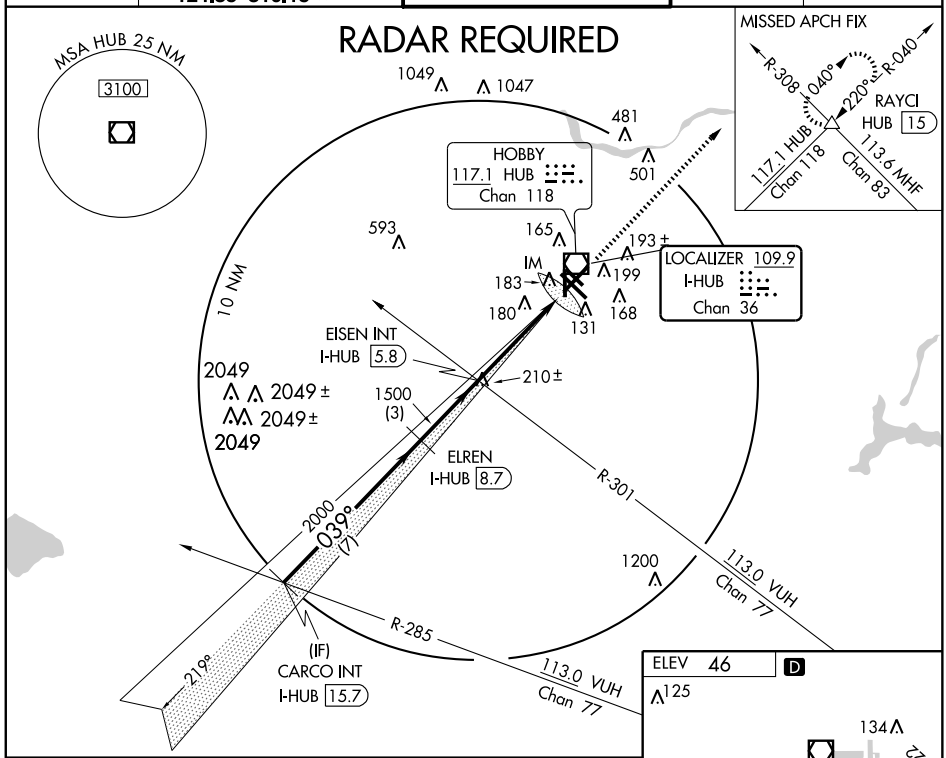
HOUSTON/ WILLIAM P. HOBBY (HOU)

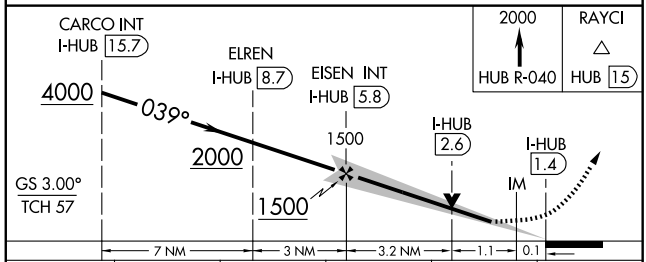
When ALSF-1 inoperative, increase visibility Cat E ILS ¼ mile, LOC ½ mile.

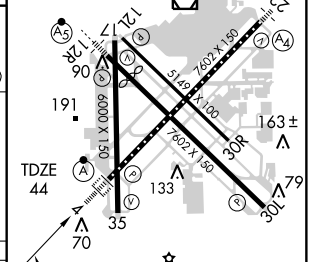
ALSF-2

MISSED APPROACH: Climb to 2000 via HUB R-040 to RAYCI INT/HUB 15 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45







CATEGORY	A	B	C	D	E
S-ILS 4	244/18 200 (200-½)				244/24 200 (200-½)
S-LOC 4	480/24 436 (500-½)		480/40 436 (500-¾)	480/50 436 (500-1)	
CIRCLING	500-1 454 (500-1)		520-1½ 474 (500-1½)	600-2 554 (600-2)	860-3 814 (900-3)

REIL Rwys 30L and 35
MIRL Rwys 12L-30R and 17-35
HIRL Rwys 4-22 and 12R-30L
TDZ/CL Rwys 4, 12R and 30L

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-PRQ	APP CRS	Rwy Idg	6568
111.3	129°	TDZE	46
Chan 50		Apt Elev	46

ILS or LOC RWY 12R

HOUSTON/ WILLIAM P. HOBBY (HOU)

For inoperative MALSR, increase S-LOC 12R Cat A and B visibility to RVR 5000 and Cat E to 1¾. Inoperative table does not apply to S-ILS 12R. RADAR or DME required. When VGSI inop, cricling Rwy 35 NA at night.

MALS

MISSED APPROACH: Climb to 800 then climbing right turn to 2200 direct VUH VORTAC.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED

MSA HUB 25 NM
3100

HUMBLE
116.6 IAH
Chan 113

R-211

309°

JABBS INT
I-PRQ 14.8

2000
129°
(7.7)

1049
1047
345±
481
501

ROYCE
I-PRQ 7.1
RADAR

HOBBY
117.1 HUB
Chan 118

10 NM

165
193±
593
183
199
180
168
131

1051

LOCALIZER 111.3
I-PRQ
Chan 50

MISSED APCH FIX
SCHOLES
VUH
113.0
Chan 77

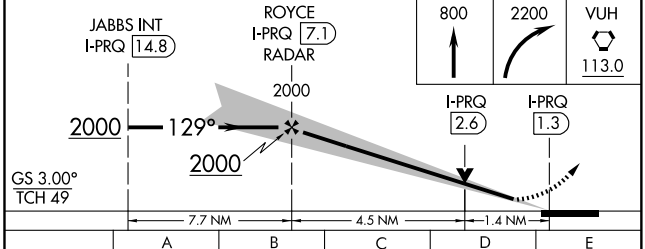
ELEV 46 D

125
129° 5.9 NM
from FAF
134
TDZE
46
191
163±
133
79
35
70
12L
12R
30R
30L
7602 X 150
5149 X 100
6000 X 150

TDZ/CL Rwys 4, 12R and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



	A	B	C	D	E
S-ILS 12R	296/40 250 (300-¾)				
S-LOC 12R	540/40 494 (500-¾)			540/50 494 (500-1)	540/60 494 (500-1¼)
CIRCLING	540-1 494 (500-1)		540-1½ 494 (500-1½)	600-2 554 (600-2)	860-3 814 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-HUB	APP CRS	Rwy Idg	7602
109.9	039°	TDZE	44
Chan 36		Apt Elev	46

ILS RWY 4 (CAT II)

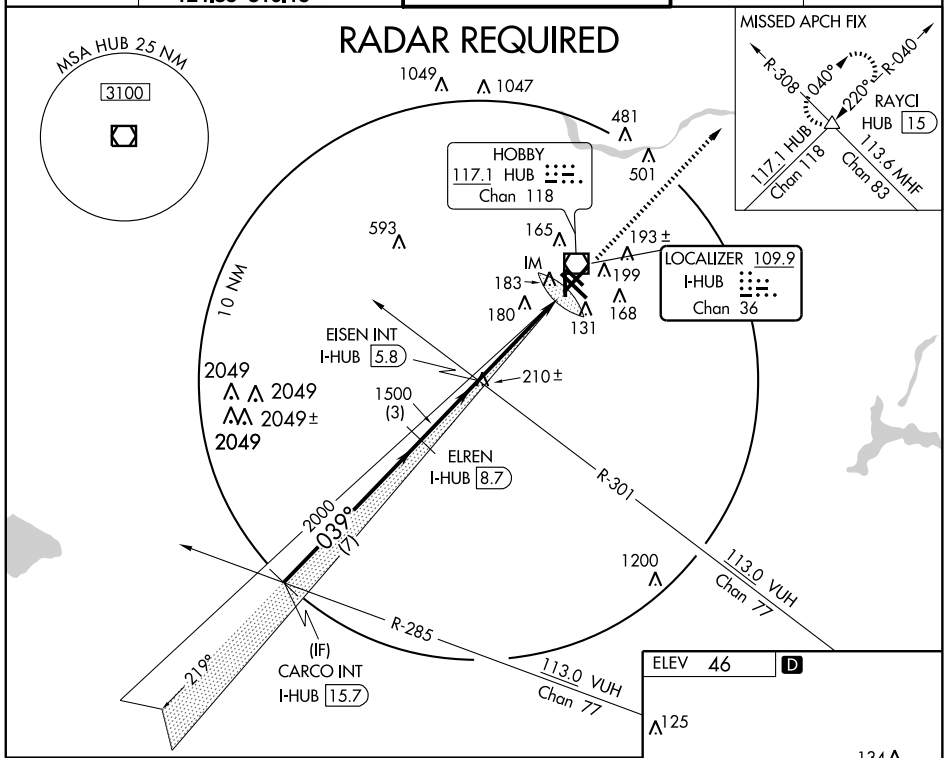
HOUSTON/ WILLIAM P. HOBBY (HOU)

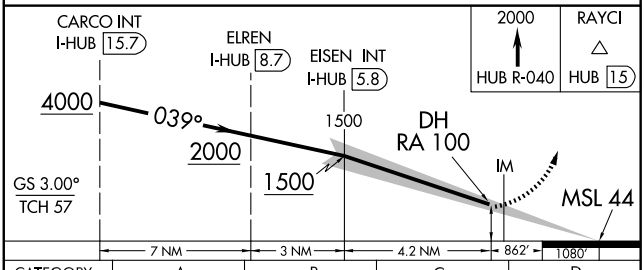
ALSF-2

MISSED APPROACH: Climb to 2000 via HUB R-040 to RAYCI INT/HUB 15 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED

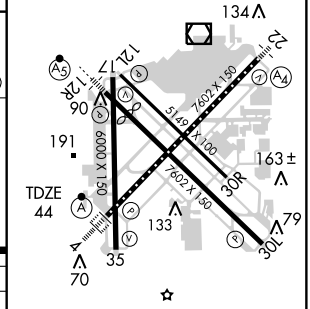




CATEGORY	A	B	C	D
S-ILS 4	RA 100/12 100 DA 144			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 46 D



REIL Rwys 30L and 35
MIRL Rwys 12L-30R and 17-35
HIRL Rwys 4-22 and 12R-30L
TDZ/CL Rwys 4, 12R and 30L

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-198 (FAA)

09351

ILS RWY 4 (CAT III)

HOUSTON/ WILLIAM P. HOBBY (HOU)

LOC/DME I-HUB	APP CRS	Rwy Idg	7602
109.9	039°	TDZE	44
Chan 36		Apt Elev	46

ALSF-2

MISSED APPROACH: Climb to 2000 via HUB R-040 to RAYCI INT/HUB 15 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED

MSA HUB 25 NM
3100

10 NM

HOBBY
117.1 HUB
Chan 118

LOCALIZER 109.9
I-HUB
Chan 36

EISEN INT
I-HUB 5.8

ELREN
I-HUB 8.7

CARCO INT
I-HUB 15.7

(IF)

039°

R-301

R-285

219°

210±

1049 1047 481 501 593 165 193± 199 IM 183 180 168 131 2049 2049 2049± 2049 1500 (3) 2000 (7) 1200

113.0 VUH Chan 77

MISSED APCH FIX

R-308 040° 220° R-040

RAYCI
HUB 15

117.1 HUB Chan 118

113.6 MHF Chan 83

CARCO INT
I-HUB 15.7

ELREN
I-HUB 8.7

EISEN INT
I-HUB 5.8

4000

039°

2000

1500

GS 3.00°
TCH 57

IM 142

MSL 44

7 NM 3 NM 4.2 NM 829′ 1080′

2000
HUB R-040

RAYCI
HUB 15

CATEGORY	A	B	C	D
S-ILS 4		CAT IIIa RVR 07		
S-ILS 4		CAT IIIb RVR 06		
S-ILS 4		CAT IIIc NA		

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 46 D

125

134 121 12L 12R 30R 30L 06 24 191 163± 133 79 70 35 TDZE 44

7602 X 150 5149 X 100 6000 X 150 7602 X 150

REIL Rwys 30L and 35
MIRL Rwys 12L-30R and 17-35
HIRL Rwys 4-22 and 12R-30L
TDZ/CL Rwys 4, 12R and 30L

SC-5, 17 DEC 2009 to 14 JAN 2010

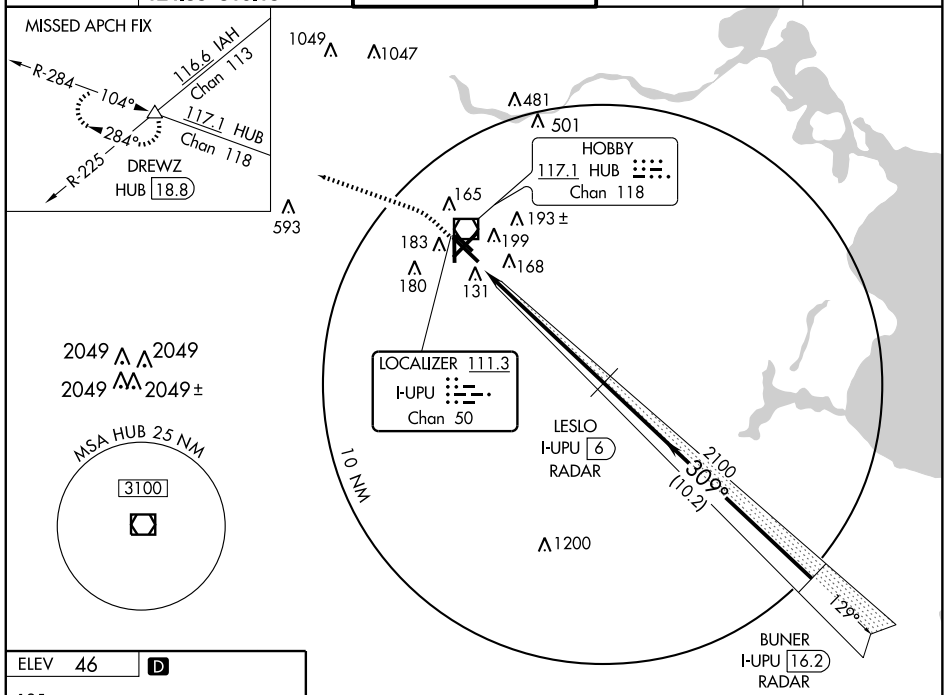
LOC I-UPU	APP CRS	Rwy Idg	7602
111.3	309°	TDZE	43
Chan 50		Apt Elev	46

ILS RWY 30L

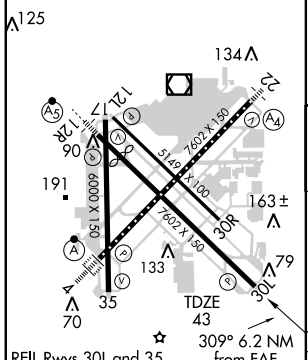
HOUSTON/ WILLIAM P. HOBBY (HOU)

MISSED APPROACH: Climb to 800, then climbing left turn to 2000 via HUB VOR/DME R-284 to DREWZ INT/HUB 18.8 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45



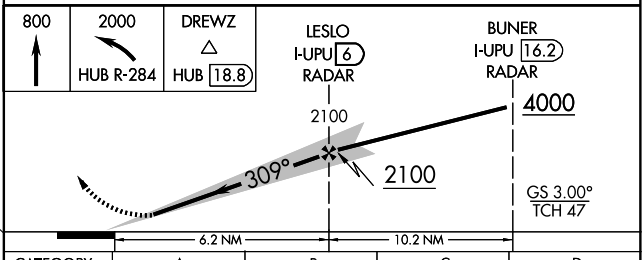
RADAR REQUIRED



REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L

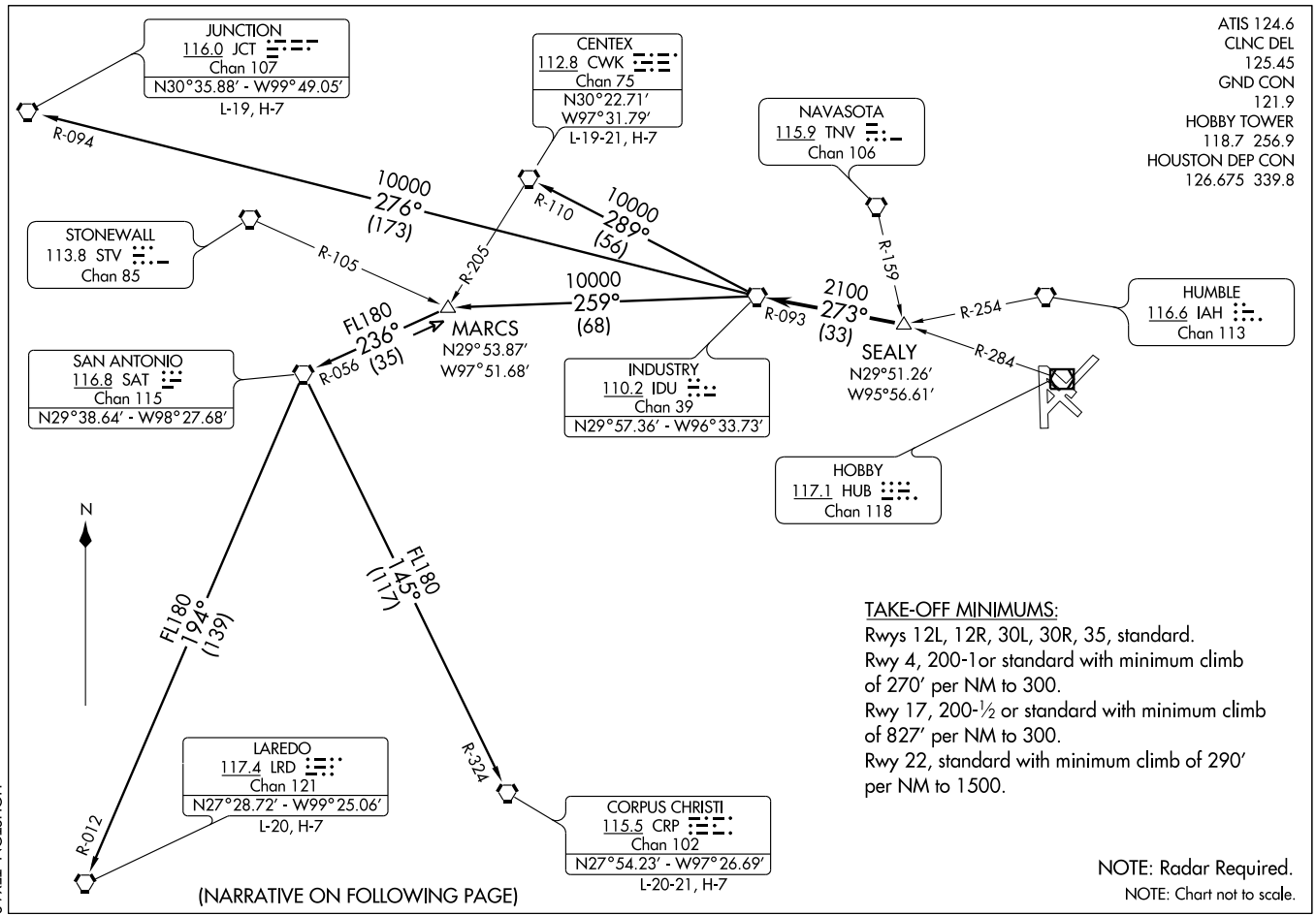
FAF to MAP 6.2 NM

Knots	60	90	120	150	180
Min:Sec	6:12	4:08	3:06	2:29	2:04



CATEGORY	A	B	C	D
S-ILS 30L	243/40	200 (200-¾)		
S-LOC 30L	480/50	437 (500-1)	480/60 437 (500-1¼)	480-1½ 437 (500-1½)
CIRCLING	560-1	514 (600-1)	560-1½ 514 (600-1½)	600-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010



INDUSTRY THREE DEPARTURE (IDU3.IDU) 08213

SL-198 (FAA)

HOUSTON/WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

INDUSTRY THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF ALL RUNWAYS: Expect vectors to Sealy INT. Maintain 5000 feet. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

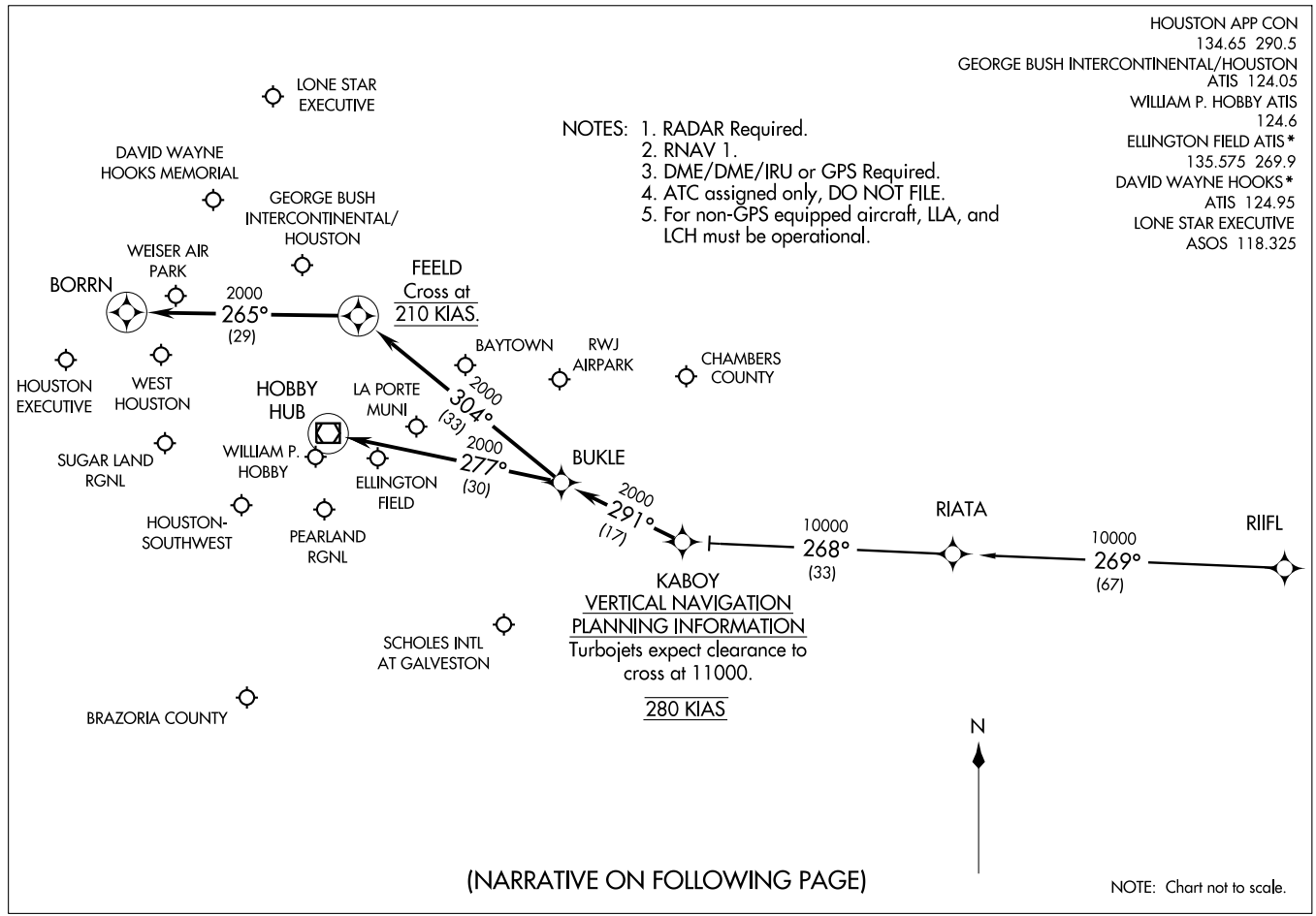
CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

TAKE-OFF OBSTACLES:
Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′, right of centerline, 139′ AGL/174′ MSL. Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL. Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL. Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/ 45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL. Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL. Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL. Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL. Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL. Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL. Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

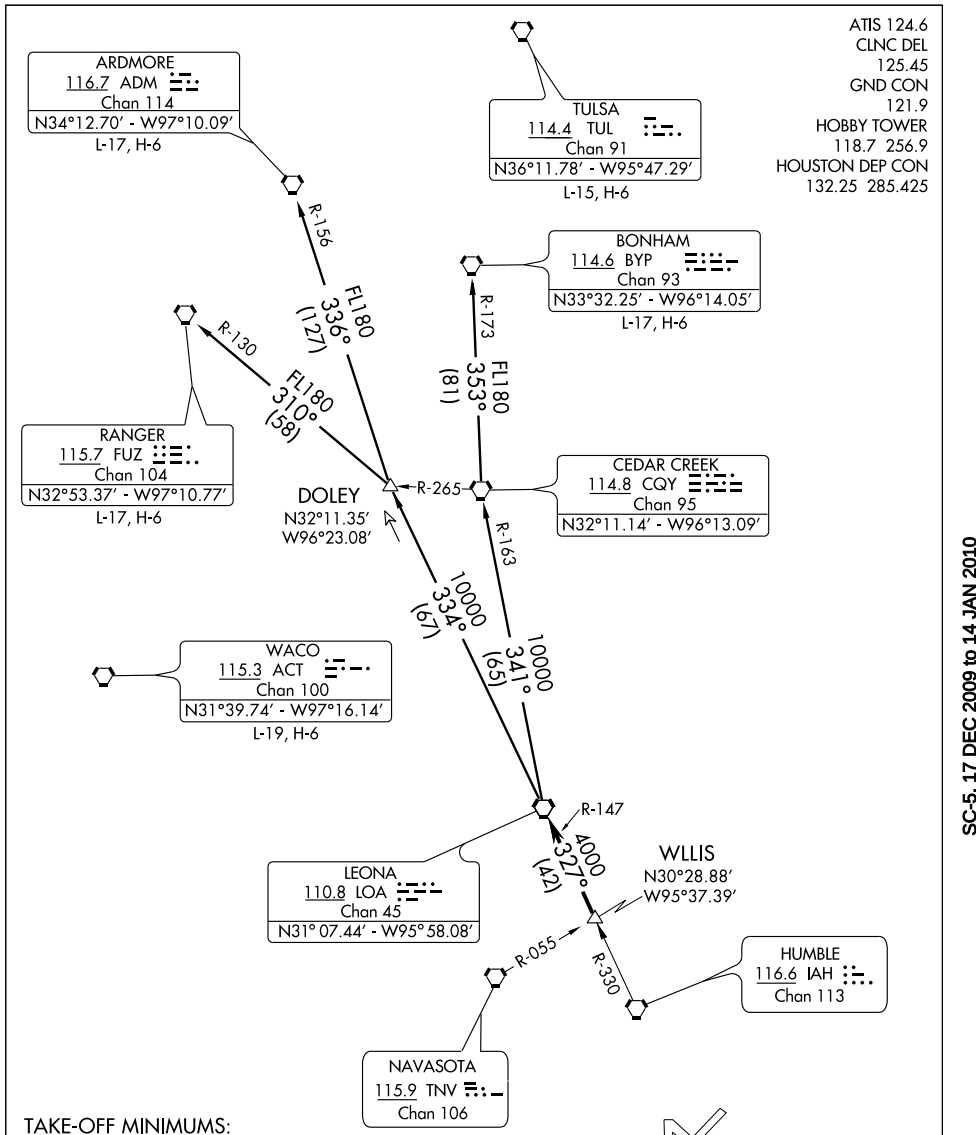
ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:

Rwy 12L, 12R, 30L, 30R, 35 standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300.
Rwy 22, standard with minimum climb of 290′ per NM to 1500.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

Expect vectors to WLLIS INT, maintain 5000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403' from DER, 1069' right of centerline, 121' AGL/166' MSL. Light on building 1562' from DER, 859' right of centerline, 59' AGL/103' MSL. Building 3990' from DER, 1223' right of centerline, 139' AGL/174' MSL. Light on flag pole 4618' from DER, 768' right of centerline, 117' AGL/161' MSL.

Rwy 12L, Antenna on hangar 1548' from departure end of runway, 424' left of centerline, 45' AGL/85' MSL.

Rwy 12R, Vehicle and road 514' from DER, 543' right of centerline, 17' AGL/55' MSL. Tree 1217' from DER, 756' right of centerline, 43' AGL/89' MSL. Fence 85' from DER, 492' left of centerline, 4' AGL/ 45' MSL. Vehicle and road 176' from DER, 497' left of centerline, 17' AGL/55' MSL. Pole 1011' from DER, 696' left of centerline, 33' AGL/73' MSL. Tree 1256' from DER, 783' left of centerline, 38' AGL/78' MSL.

Rwy 17, Multiple poles beginning 606' DER, 393' right of centerline, up to 79' AGL/124' MSL. Crane 1795' from DER, 689' right of centerline, 100' AGL/150' MSL. Antenna on building 620' from DER, 312' left of centerline, 27' AGL/72' MSL. Multiple trees beginning 721' from DER, 260' left of centerline, up to 71' AGL/116' MSL. Radar reflector 1214' from DER, 258' left of centerline, 32' AGL/77' MSL.

Rwy 22, Antenna on light pole, 1805' from DER, 968' right of centerline, 60' AGL/109' MSL. Pole 727' from DER, 626' right of centerline, 28' AGL/77' MSL. Tree 1310' from DER, 679' right of centerline, 27' AGL/76' MSL.

Rwy 30L, Antenna on building 547' from DER, 274' right of centerline, 23' AGL/69' MSL. Multiple poles beginning 341' from DER, 501' left of centerline, up to 39' AGL/84' MSL. Multiple trees beginning 1392' from DER, 466' left of centerline, up to 78' AGL/118' MSL.

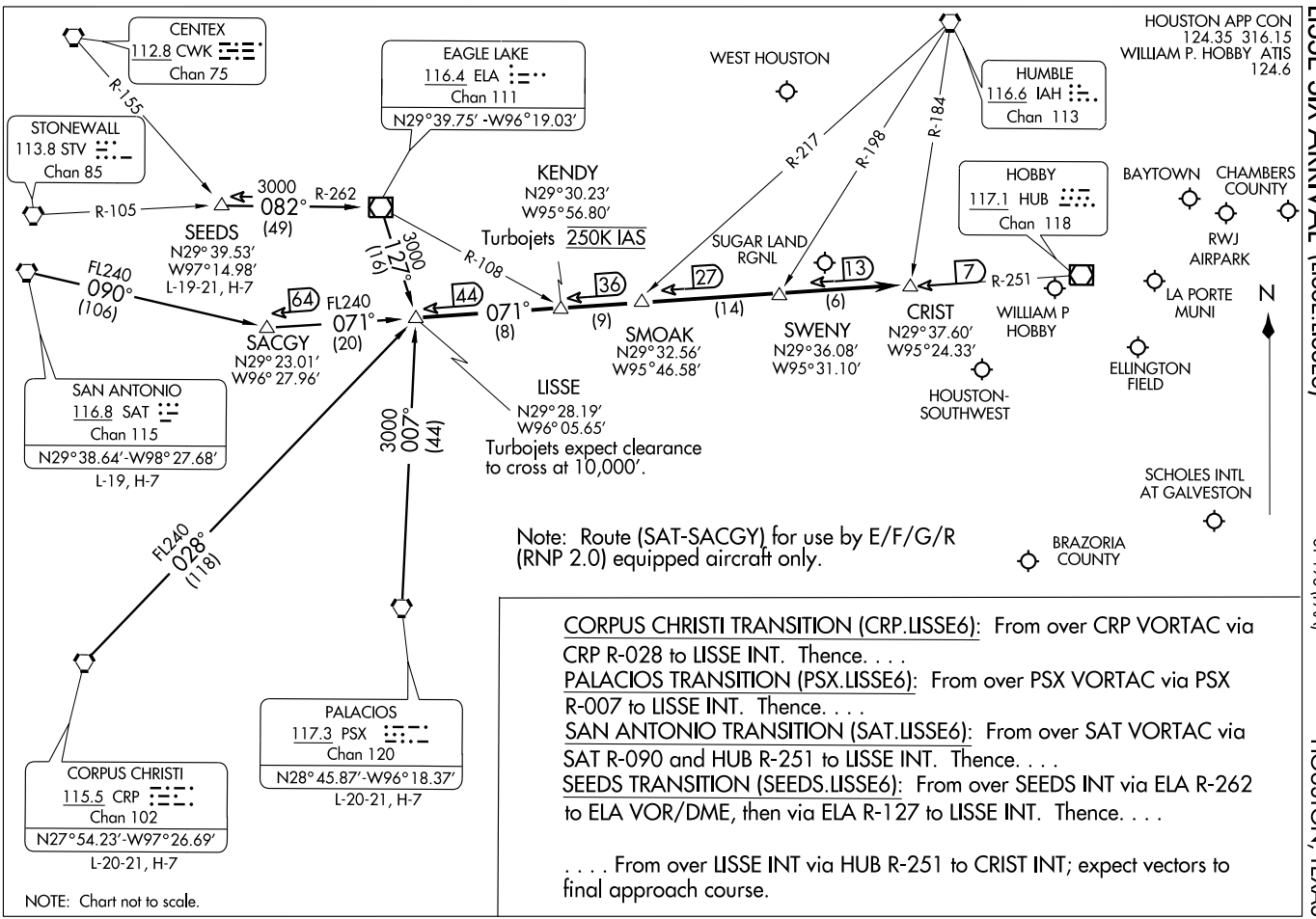
Rwy 30R, Antenna on building 500' from DER, 525' left of centerline, 33' AGL/69' MSL. Pole 1096' from DER, 785' right of centerline, 29' AGL/75' MSL.

Rwy 35, Antenna on light pole 738' from DER, 519' right of centerline, 40' AGL/86' MSL. Antenna on building 66' from DER, 471' left of centerline, 33' AGL/69' MSL. Light pole 1119' from DER, 353' right of centerline, 31' AGL/77' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LOC I-OIB 109.9 Chan 36	APP CRS 219°	Rwy Idg 7602 TDZE 41 Apt Elev 46

LOC RWY 22

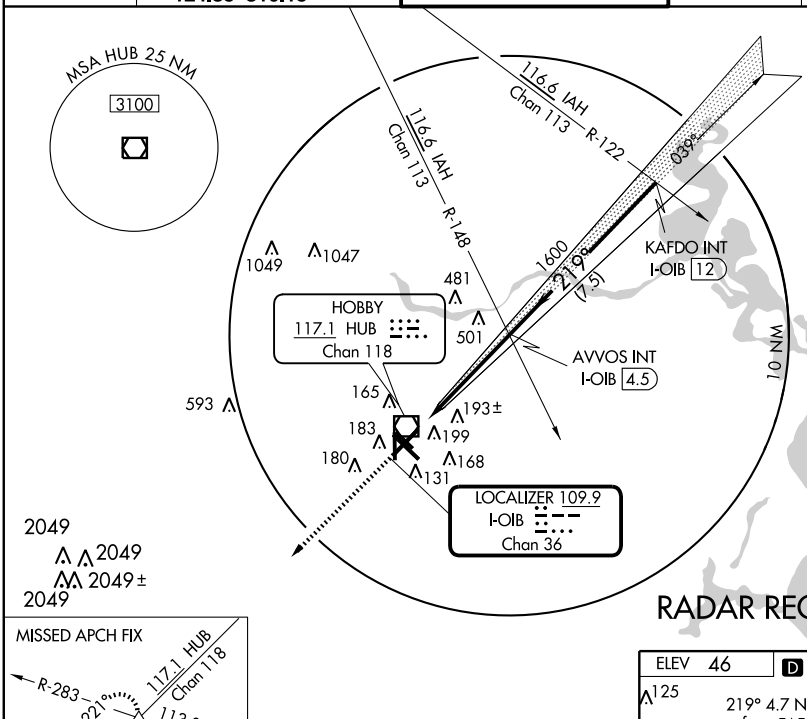
HOUSTON/WILLIAM P. HOBBY (HOU)

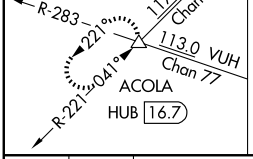
Inoperative table does not apply to Cat C.

MALSR

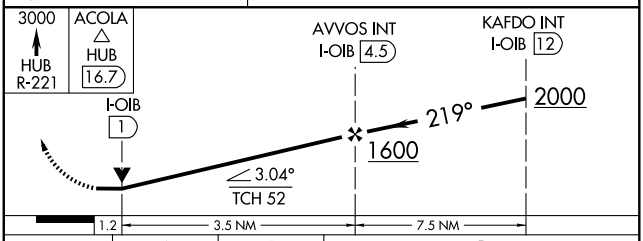
MISSED APPROACH: Climb to 3000 via HUB VOR/DME R-221 to ACOLA Int/HUB 16.7 DME and hold.

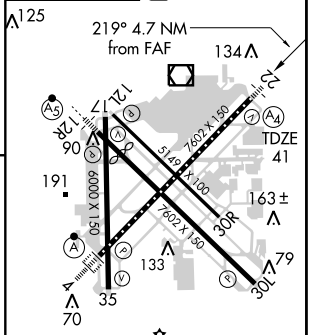
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45





1200





TDZ/CL Rwys 4, 12R, and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

CATEGORY	A	B	C	D	E
S-22	460-¾ 419 (500-¾)		460-1¼ 419 (500-1¼)		
CIRCLING	520-1 474 (500-1)		520-1½ 474 (500-1½)	600-2 554 (600-2)	860-3 814 (900-3)

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

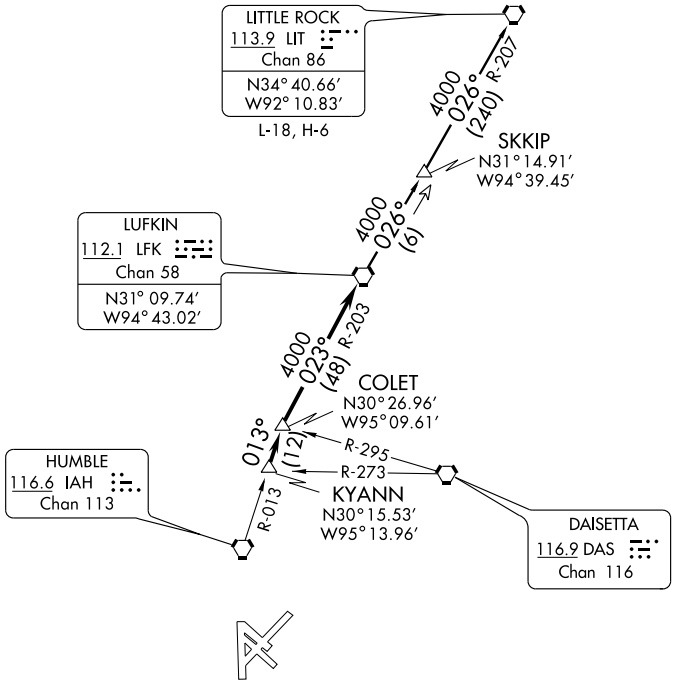
SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-198 (FAA)

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

ATIS 124.6
CLNC DEL
125.45
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
132.25 285.425



NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF MINIMUMS:
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300.
Rwys 12L, 12R, 30L, 30R, 35, standard.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300.
Rwy 22, standard with a minimum climb of 290′ per NM to 1500.

(NOTES ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to KYANN INT, maintain 5000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′, right of centerline, 139′ AGL/174′ MSL. Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/ 45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

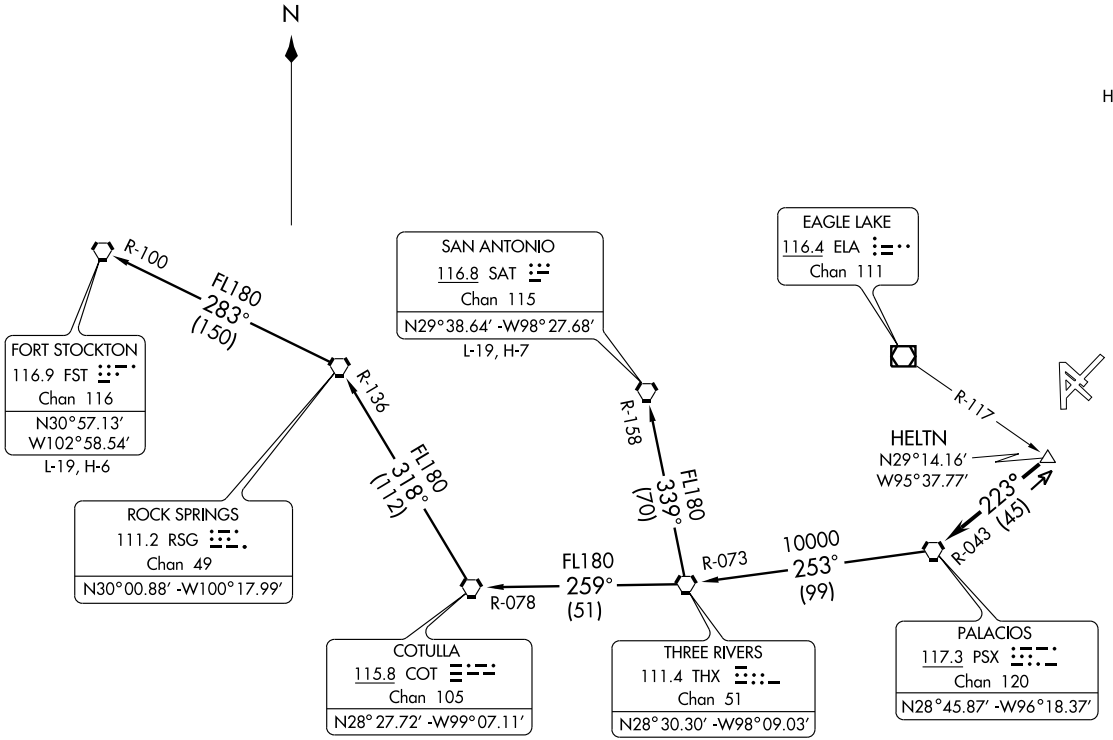
Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL. Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL.

Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

ATIS 124.6
CLNC DEL
125.45
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075



TAKE-OFF MINIMUMS:
Rwys 12L, 12R, 30L, 30R, 35, standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300.
Rwy 22 standard with minimum climb of 290′ per NM to 1500.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

Expect vectors to HELTN INT, maintain 5000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403' from DER, 1069' right of centerline, 121' AGL/166' MSL.
Light on building 1562' from DER, 859' right of centerline, 59' AGL/103' MSL.
Building 3990' from DER, 1223' right of centerline, 139' AGL/174' MSL.
Light on flagpole 4618' from DER, 768' right of centerline, 117' AGL/161' MSL.

Rwy 12L, Antenna on hangar 1548' from DER, 424' left of centerline, 45' AGL/85' MSL.

Rwy 12R, Vehicle on road 514' from DER, 543' right of centerline, 17' AGL/55' MSL.
Tree 1217' from DER, 756' right of centerline, 43' AGL/89' MSL.
Fence 85' from DER, 492' left of centerline, 4' AGL/45' MSL.
Vehicle and road 176' from DER, 497' left of centerline, 17' AGL/55' MSL.
Pole 1011' from DER, 696' left of centerline, 33' AGL/73' MSL.
Tree 1256' from DER, 783' left of centerline, 38' AGL/78' MSL.

Rwy 17, Multiple poles beginning 606' from DER, 393' right of centerline, up to 79' AGL/124' MSL.
Crane 1795' from DER, 689' right of centerline, 100' AGL/150' MSL.
Antenna on building 620' from DER, 312' left of centerline, 27' AGL/72' MSL.
Multiple trees beginning 721' from DER, 260' left of centerline, up to 71' AGL/116' MSL.
Radar reflector 1214' from DER, 258' left of centerline, 32' AGL/77' MSL.

Rwy 22, Pole 727' from DER, 626' right of centerline, 28' AGL/77' MSL.
Tree 1310' from DER, 679' right of centerline, 27' AGL/76' MSL.
Antenna on light pole 1805' from DER, 968' right of centerline, 60' AGL/109' MSL.

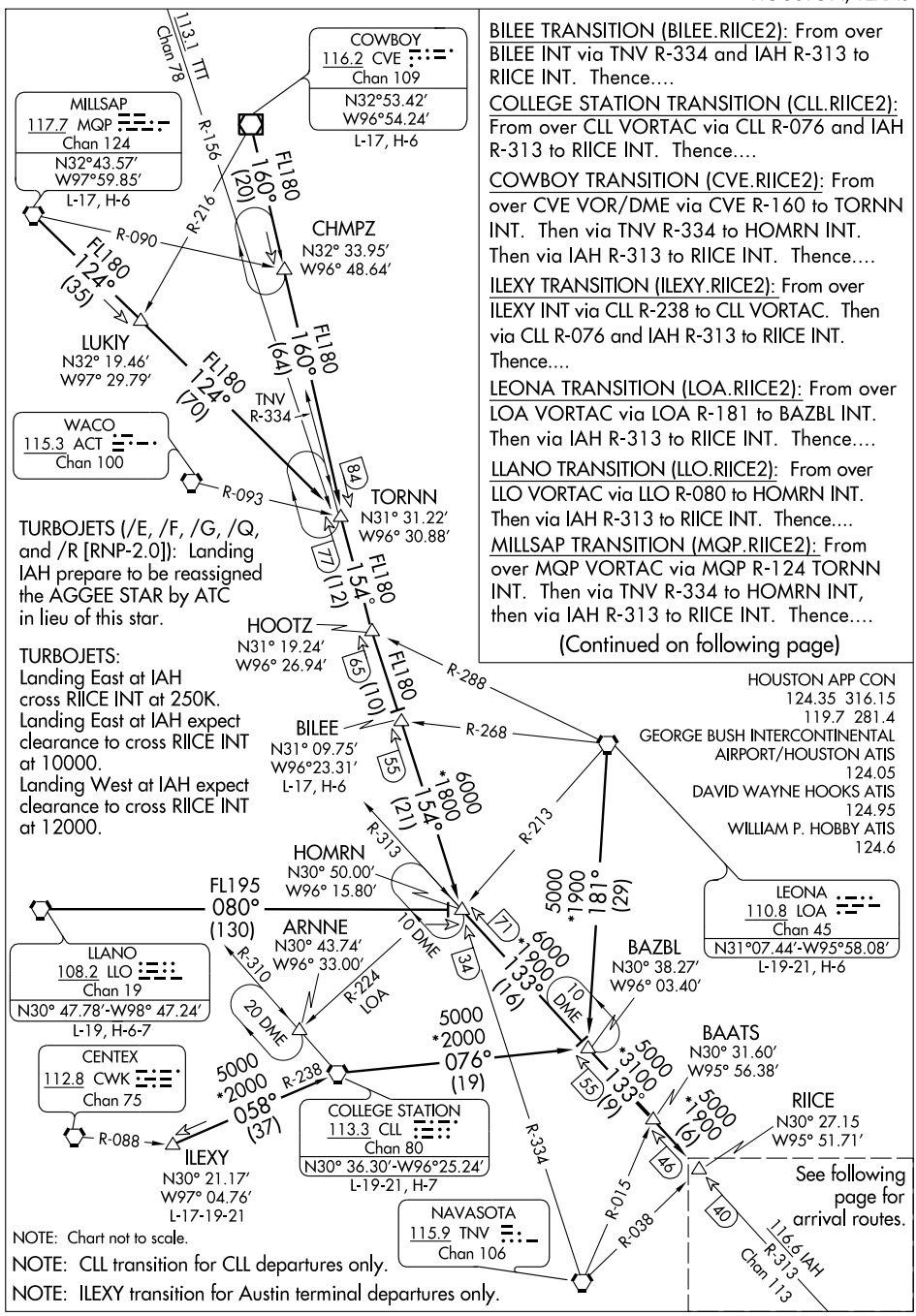
Rwy 30L, Antena on building 547' from DER, 274' right of centerline, 23' AGL/69' MSL.
Multiple poles beginning 341' from DER, 501' left of centerline, up to 39' AGL/84' MSL.
Multiple trees beginning 1392' from DER, 466' left of centerline, up to 78' AGL/118' MSL.

Rwy 30R, Pole 1096' from DER, 785' right of centerline, 29' AGL/75' MSL.
Antenna on building 500' from DER, 525' left of centerline, 33' AGL/69' MSL.

Rwy 35, Antenna on light pole 738' from DER, 519' right of centerline, 40' AGL/86' MSL.
Light pole 1119' from DER, 353' right of centerline, 31' AGL/77' MSL.
Antenna on building 66' from DER, 471' left of centerline, 33' AGL/69' MSL.

RIICE TWO ARRIVAL Transition Routes

HOUSTON, TEXAS



BILEE TRANSITION (BILEE.RIICE2): From over BILEE INT via TNV R-334 and IAH R-313 to RIICE INT. Thence....

COLLEGE STATION TRANSITION (CLL.RIICE2): From over CLL VORTAC via CLL R-076 and IAH R-313 to RIICE INT. Thence....

COWBOY TRANSITION (CVE.RIICE2): From over CVE VOR/DME via CVE R-160 to TORNN INT. Then via TNV R-334 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

ILEXY TRANSITION (ILEXY.RIICE2): From over ILEXY INT via CLL R-238 to CLL VORTAC. Then via CLL R-076 and IAH R-313 to RIICE INT. Thence....

LEONA TRANSITION (LOA.RIICE2): From over LOA VORTAC via LOA R-181 to BAZBL INT. Then via IAH R-313 to RIICE INT. Thence....

LLANO TRANSITION (LLO.RIICE2): From over LLO VORTAC via LLO R-080 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

MILLSAP TRANSITION (MQP.RIICE2): From over MQP VORTAC via MQP R-124 TORNN INT. Then via TNV R-334 to HOMRN INT, then via IAH R-313 to RIICE INT. Thence....

(Continued on following page)

NOTE: Chart not to scale.

NOTE: CLL transition for CLL departures only.

NOTE: ILEXY transition for Austin terminal departures only.

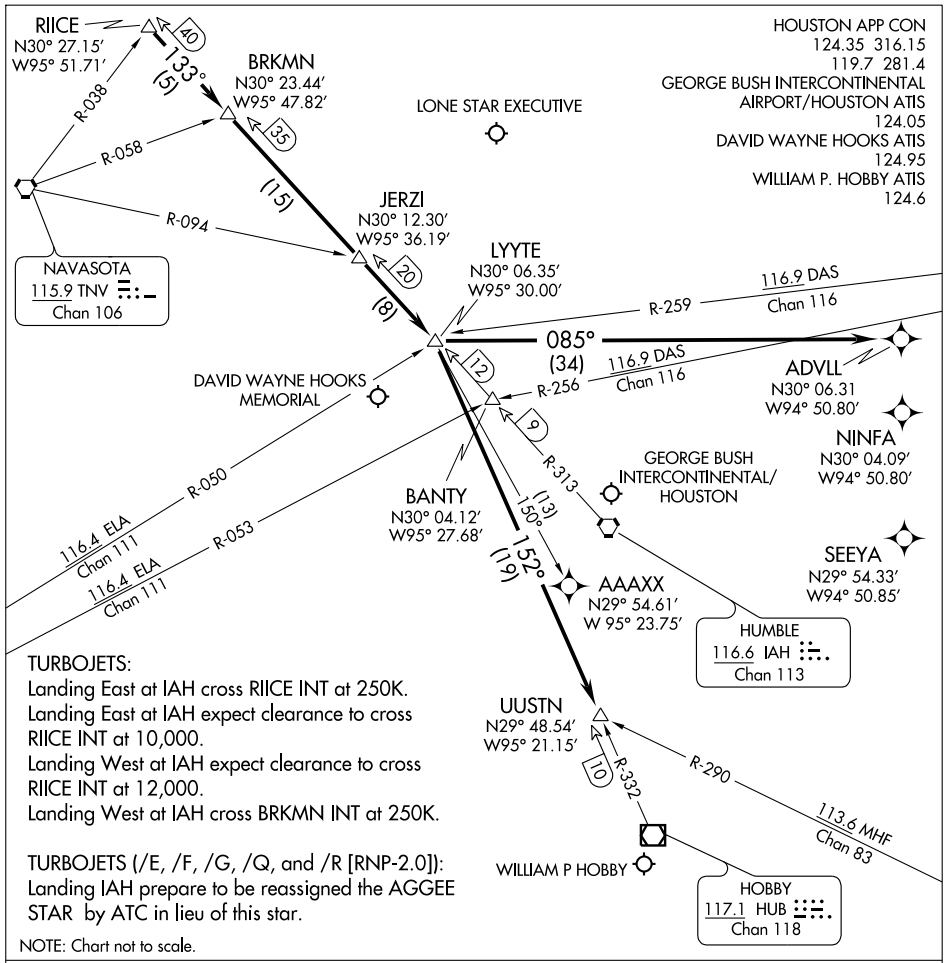
SC-5, 17 DEC 2009 to 14 JAN 2010

(RIICE.RIICE2) 08213

ST-5461 (FAA)

RIICE TWO ARRIVAL Arrival Routes

HOUSTON, TEXAS



TURBOJETS:
Landing East at IAH cross RIICE INT at 250K.
Landing East at IAH expect clearance to cross RIICE INT at 10,000.
Landing West at IAH expect clearance to cross RIICE INT at 12,000.
Landing West at IAH cross BRKMN INT at 250K.

TURBOJETS (/E, /F, /G, /Q, and /R [RNP-2.0]):
Landing IAH prepare to be reassigned the AGGEE STAR by ATC in lieu of this star.

NOTE: Chart not to scale.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
....From over RIICE INT via IAH R-313 to LYYTE INT. Landing Runway 26L/26R or 27; fly heading 085° for vectors to final approach course. For /E, /F, /G, /Q and /R (RNP-2.0), equipped aircraft from LYYTE INT direct ADVLL WP, expect vectors to final approach course prior to ADVLL WP; if not received by ADVLL WP, fly present heading.

WILLIAM P. HOBBY (HOU) (ATC ASSIGNED):
....From over RIICE INT via IAH R-313 to LYYTE INT, then via HUB R-332 to UUSTN INT, expect vectors to final approach course at or prior to UUSTN INT.

DAVID WAYNE HOOKS MEMORIAL (DWH) and LONE STAR EXCUTIVE (CXO):
....From over RIICE INT via IAH R-313 to LYYTE INT, expect vectors to final approach course at or prior to LYYTE INT.

ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to LYYTE INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 7602
CH 86209	039°	TDZE 44
W04A		Apt Elev 46

RNAV (GPS) RWY 4

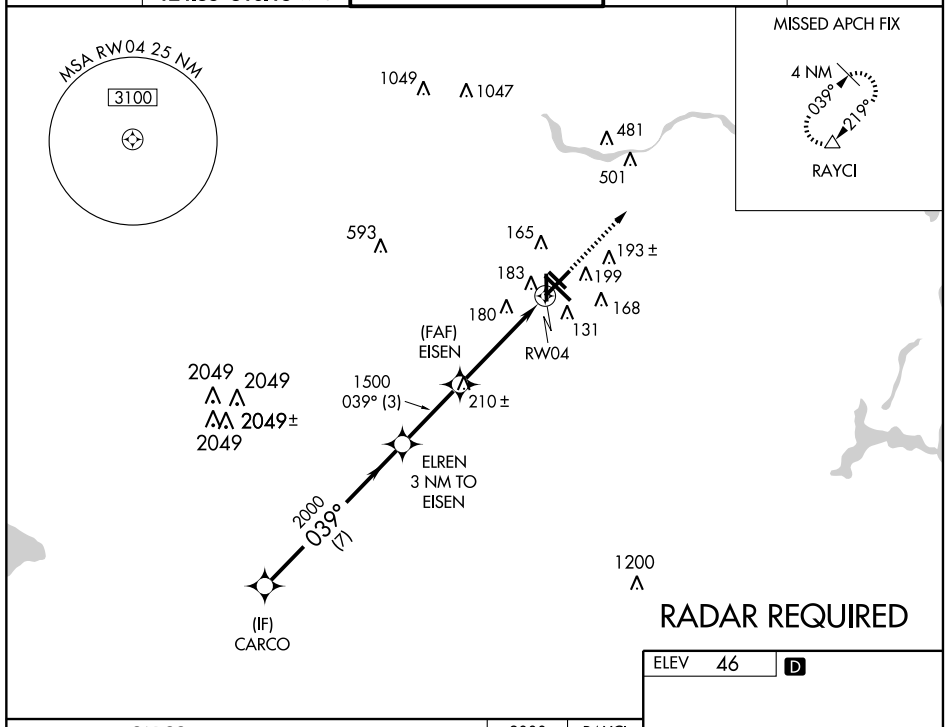
HOUSTON/ WILLIAM P. HOBBY (HOU)

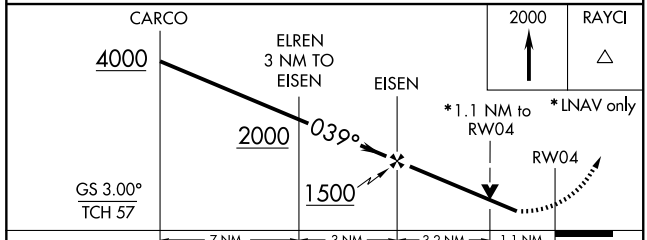
For inoperative MALSR, increase LPV visibility to RVR 4000 all Cats, and increase LNAV/VNAV and LNAV Cat E visibility to 1½. When VGSI inop, circling Rwy 35 NA at night; Baro-VNAV NA below -15° C (5° F); DME/DME RNP-0.3 NA.

ALSF-2

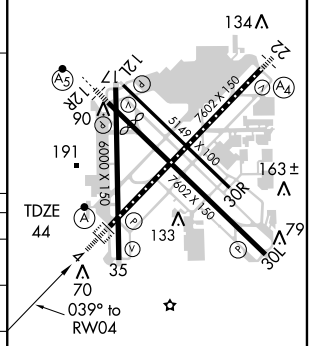
MISSED APPROACH: Climb to 2000 direct RAYCI and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45





CATEGORY	A	B	C	D	E
LPV DA	300/24 256 (300-½)				
LNAV/VNAV DA	440/40 396 (400-¾)				440/50 396 (400-1)
LNAV MDA	460/24 416 (500-½)		460/40 416 (500-¾)	460/50 416 (500-1)	
CIRCLING	500-1¼ 454 (500-1¼)		520-1½ 474 (500-1½)	600-2 554 (600-2)	860-3 814 (900-3)



REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 6568
CH 70310	129°	TDZE 46
W12A		Apt Elev 46

RNAV (GPS) RWY 12R

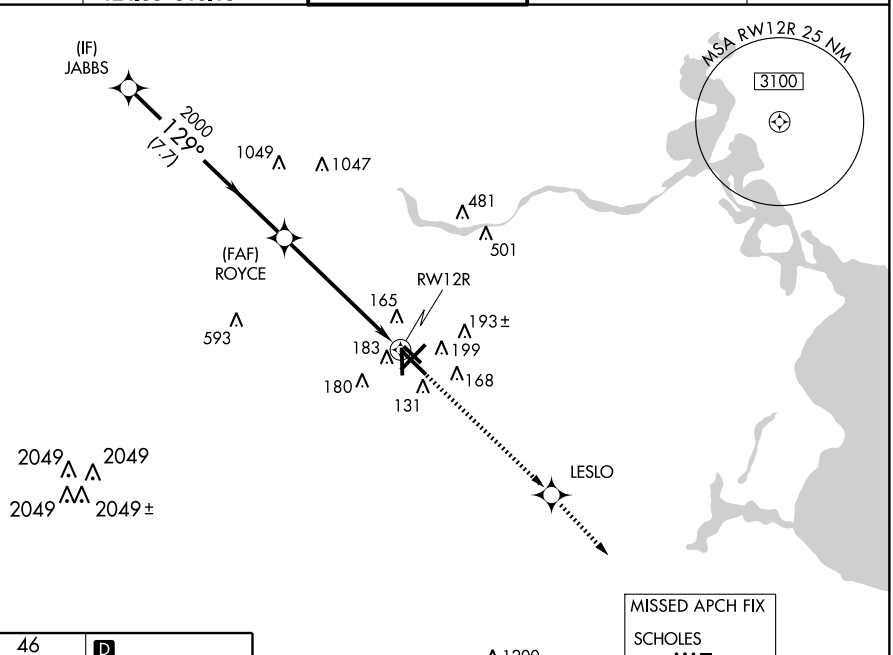
HOUSTON/ WILLIAM P. HOBBY (HOU)

When VGSI inop, circling to RW35 NA at night; Baro-VNAV NA below -15° C (5° F); DME/DME RNP-0.3 NA; For inoperative MALSR increase LPV visibility all Cats to RVR 5000, LNAV/VNAV Cat E visibility to 1½, and LNAV Cat A and B visibility to RVR 5000, Cat E to 1¾.

MALS

MISSED APPROACH: Climb to 2200 direct LESLO and via 132° track to VUH VORTAC.

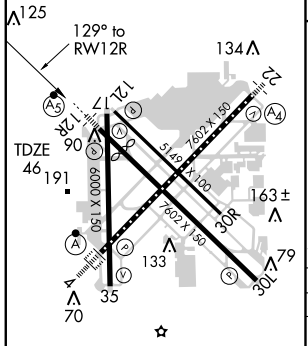
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

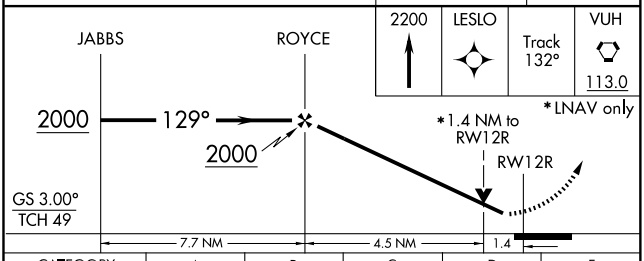


MISSED APCH FIX
SCHOLES
VUH
113.0
Chan 77

1200

RADAR REQUIRED





CATEGORY	A	B	C	D	E
LPV DA	330/40 284 (300-¾)				
LNAV/ VNAV DA	460/50 414 (500-1)				
LNAV MDA	540/40 494 (500-¾)			540/50 494 (500-1)	540/60 494 (500-1¼)
CIRCLING	540-1½ 494 (500-1½)			600-2 554 (600-2)	860-3 814 (900-3)

REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6000
174°	TDZE	46
	Apt Elev	46

RNAV (GPS) RWY 17

HOUSTON/ WILLIAM P. HOBBY (HOU)

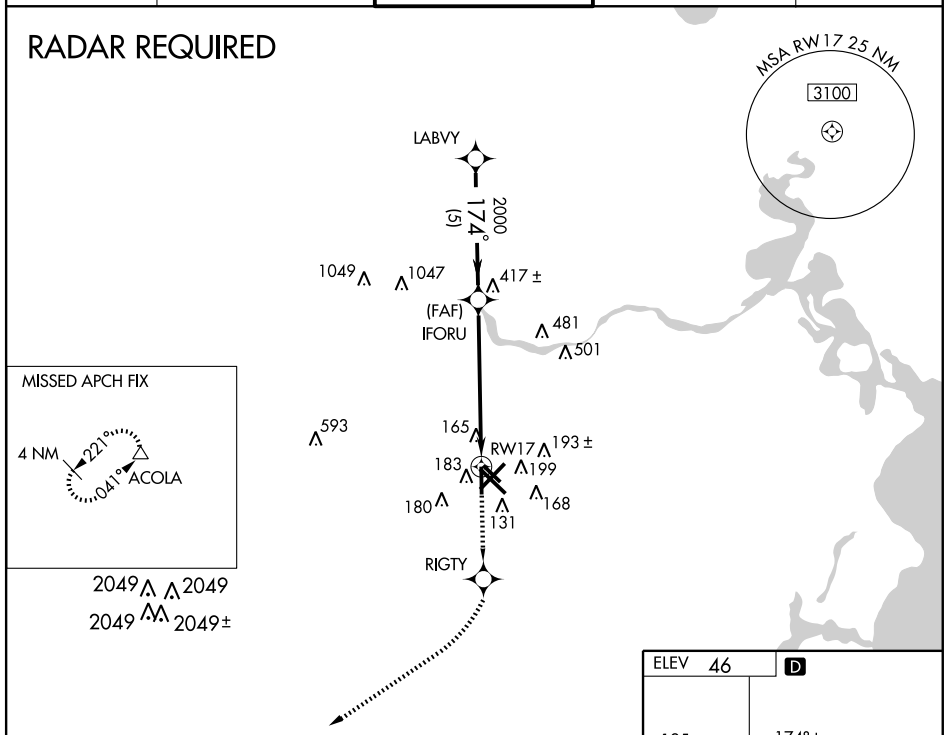
Baro-VNAV NA below -15C° (5°F)

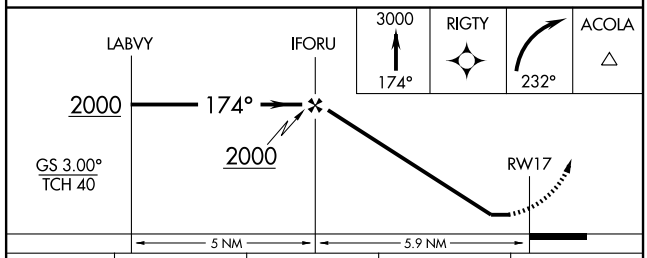
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 via course 174° to RIGTY then right turn via 232° to ACOLA and hold.

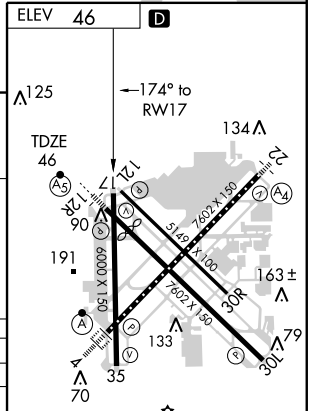
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED





CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	480-1½ 434 (500-1½)			
LNAV MDA	580-1 534 (600-1)		580-1½ 534 (600-1½)	580-1¾ 534 (600-1¾)
CIRCLING	580-1½ 534 (600-1½)			600-2 554 (600-2)



REIL Rwys 30L and 35R
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 7602
CH 65610	219°	TDZE 41
W22A		Apt Elev 46

RNAV (GPS) RWY 22

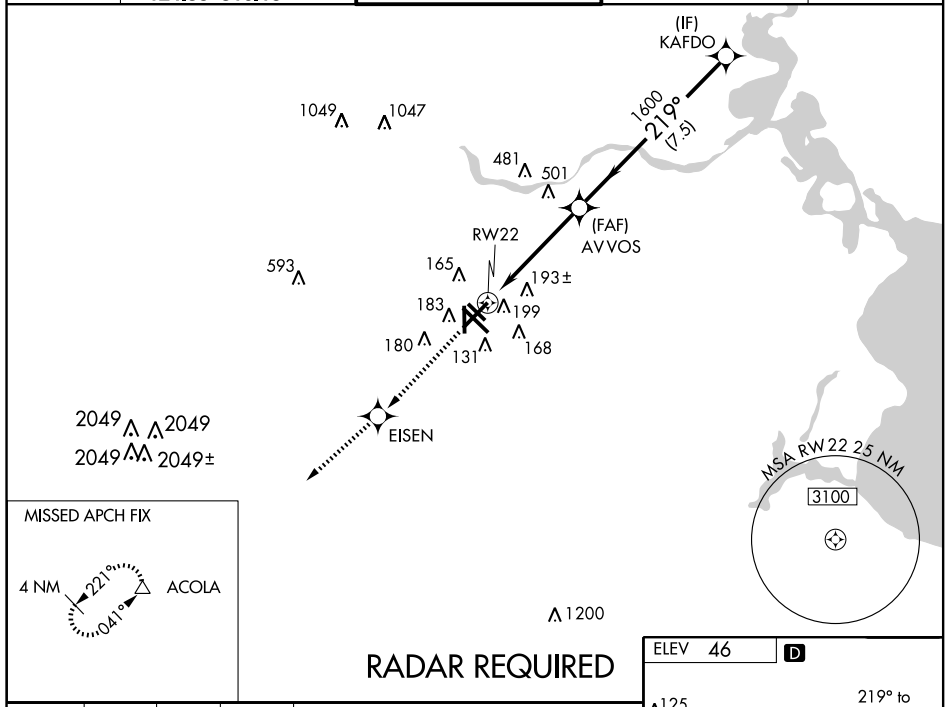
HOUSTON/ WILLIAM P. HOBBY (HOU)

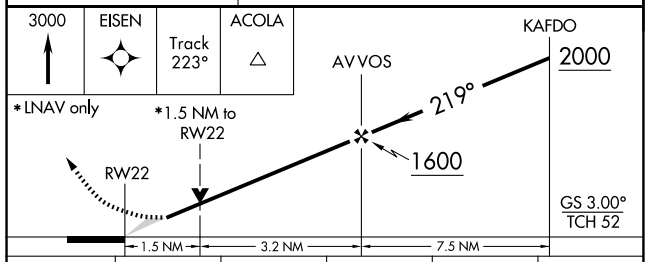
▼ ▲ Inoperative table does not apply to LPV, LNAV/VNAV all Cats, and LNAV Cat C. When VGSI inop, circling to Rwy 35 NA at night. DME/DME RNP -0.3 NA. Baro-VNAV NA below -15° C (5° F).

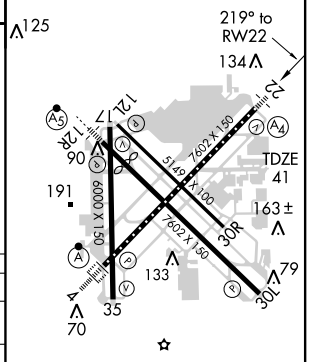
MALS (A4)

MISSED APPROACH: Climb to 3000 direct EISEN and via 223° track to ACOLA and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45







CATEGORY	A	B	C	D	E
LPV DA	360-1 319 (400-1)				
LNAV/VNAV DA	480-1½ 439 (500-1½)				
LNAV MDA	580-¾ 539 (600-¾)		580-1½ 539 (600-1½)	580-1¾ 539 (600-1¾)	580-2 539 (600-2)
CIRCLING	580-1½ 534 (600-1½)			600-2 554 (600-2)	860-3 814 (900-3)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 7602
CH 77510	309°	TDZE 43
W30A		Apt Elev 46

RNAV (GPS) RWY 30L

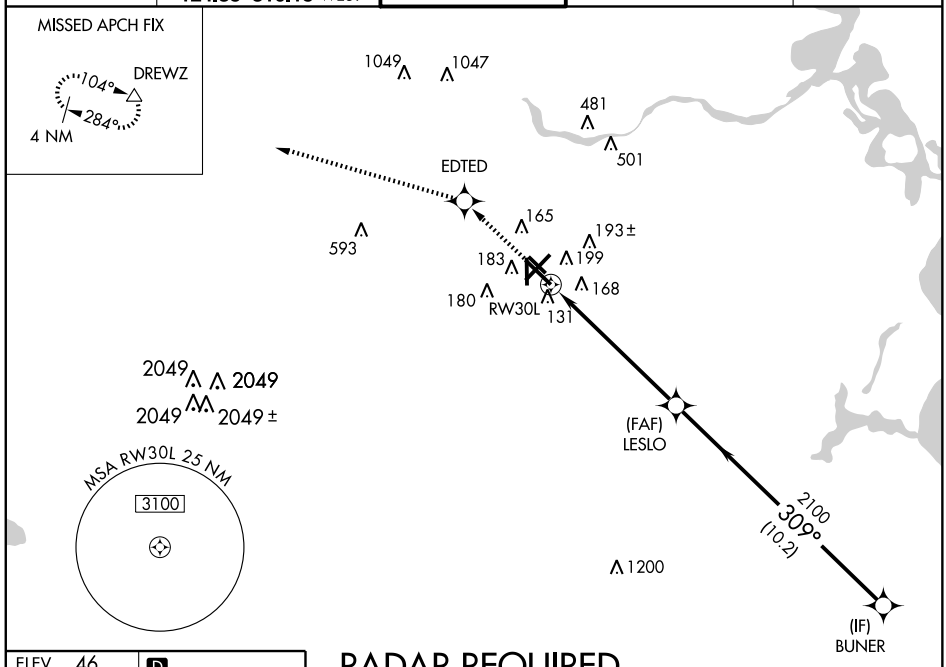
HOUSTON/ WILLIAM P. HOBBY (HOU)

When VGSI inop, circling to Rwy 35 NA at night.
Baro-VNAV NA below -15° C (5° F).
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct EDTED and via 281° track to DREWZ and hold.

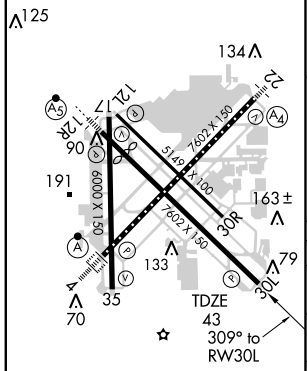
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

MISSED APCH FIX

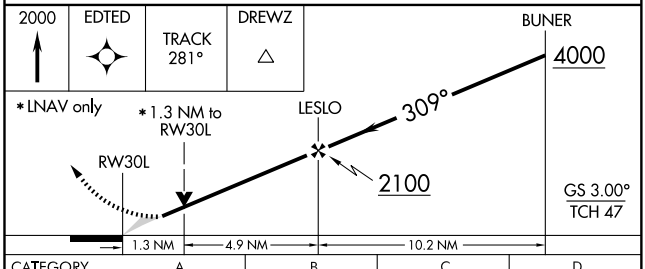


ELEV 46 D

RADAR REQUIRED



REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L



CATEGORY	A	B	C	D
LPV DA	310/50 267 (300-1)			
LNAV/VNAV DA	520-1¾ 477 (500-1¾)			
LNAV MDA	500/50 457 (500-1)		500/60 457 (500-1¼)	500-1½ 457 (500-1½)
CIRCLING	520-1¾ 474 (500-1¾)			600-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6000
354°	TDZE	46
	Apt Elev	46

RNAV (GPS) RWY 35

HOUSTON/ WILLIAM P. HOBBY (HOU)

Baro-VNAV NA below -15°C (5°F).
NA GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 1600 direct RAYCI and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED

1049 1047 481 501 593 165 193± 183 199 180 168 RW35 131

2049 2049 2049 2049±

(FAF) NAPSY

354° (5) 2000

1200

OHGOK

MSA RW35 25 NM 3100

MISSED APCH FIX

4 NM 039° 219° RAYCI

1600 RAYCI

OHGOK 3000 NAPSY 354° 2000 RW35 3.05° TCH 41

5.9 NM 5 NM

ELEV 46 D

125 134 12 12L 7 7R 90 191 163± 30R 79 30L 133 35 TDZE 46 70

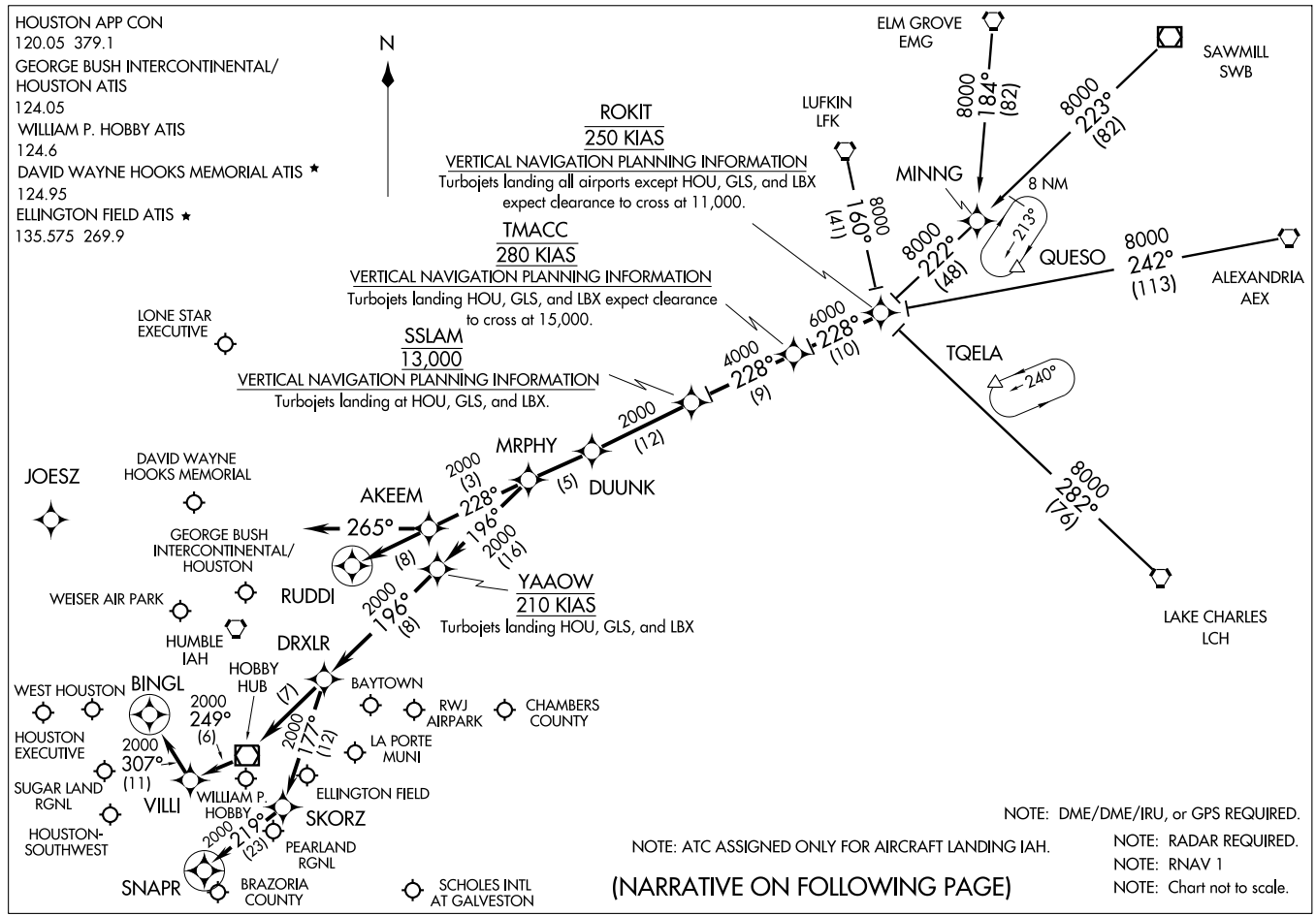
7602 X 150 5149 X 100 6000 X 150 7602 X 150

354° to RW35

REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35
TDZ/CL Rwys 4, 12R and 30L

CATEGORY	A	B	C	D
LNAV MDA	560-1	514 (600-1)	560-1½ 514 (600-1½)	560-1¾ 514 (600-1¾)
CIRCLING	560-1	514 (600-1)	560-1½ 514 (600-1½)	600-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

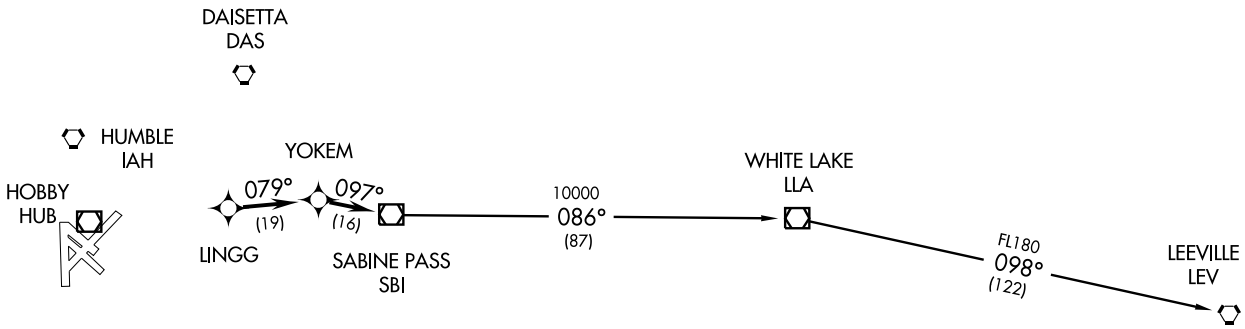
FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 124.6
CLNC DEL 125.45
GND CON 121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075



Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft,
BPT and LCH must be operational.

TAKE-OFF MINIMUMS:
Rwy 12L, 12R, 30L, 30R, 35 Standard.
Rwy 4, 300-1 or standard with minimum climb of 270' per NM to 300.
Rwy 17, 300-1 or standard with minimum climb of 827' per NM to 300.
Rwy 22, standard with minimum climb of 290' per NM to 1500'.

NOTE: Chart not to scale.

(NARRATIVE CONTINUED ON FOLLOWING PAGE)

SABINE PASS ONE DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LINGG, maintain 5000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

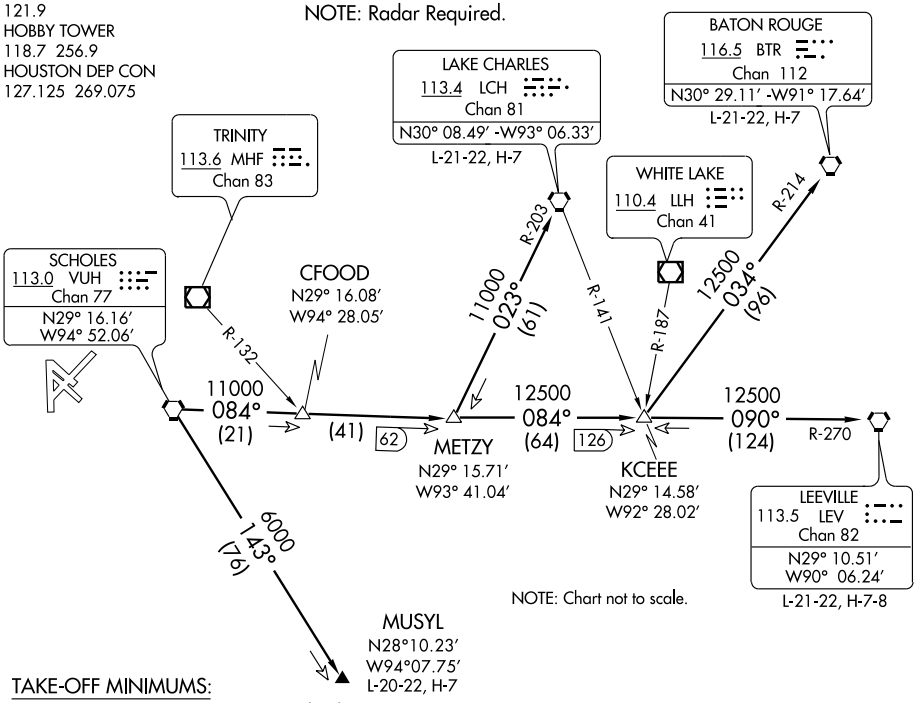
TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL.
Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL.
Building 3990′ from DER, 1223′ right of centerline, 139′ AGL/174′ MSL.
Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.
Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL.
Rwy 12R, Vehicle on road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL.
Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL.
Fence 85′ from DER, 492′ left of centerline, 4′ AGL/45′ MSL.
Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL.
Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL.
Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.
Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL.
Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL.
Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL.
Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL.
Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.
Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL.
Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL.
Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL.
Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL.
Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL.
Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.
Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL.
Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL.
Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL.
Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL.
Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 124.6
CLNC DEL
125.45
HOUSTON GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
Rwys 12L, 12R, 30L, 30R, 35 standard.
Rwy 4, 300-1 or standard with minimum climb of 270′ per NM to 300′.
Rwy 17, 300-1 or standard with minimum climb of 827′ per NM to 300′.
Rwy 22, standard with a minimum climb of 290′ per NM to 1500′.

(TAKE-OFF NOTES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to VUH VORTAC, maintain 5000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′ right of centerline, 139′ AGL/174′ MSL. Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/85′ MSL

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′ AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/ 45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

Rwy 22, Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL. Antenna on light pole 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL.

Rwy 30L, Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

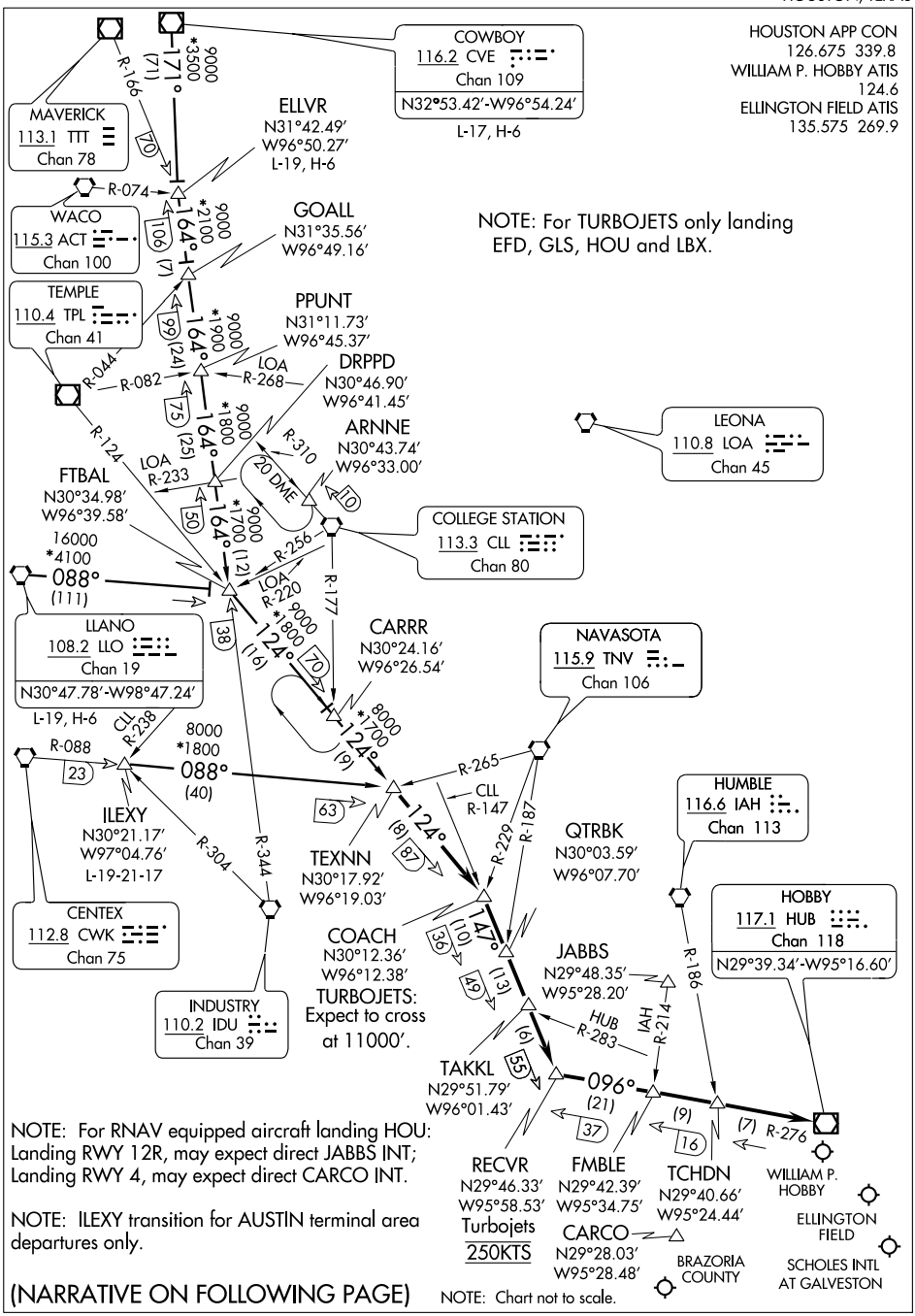
Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline, 33′ AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′ AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

WILLIAM P. HOBBY
HOUSTON, TEXAS



(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

TEXNN FOUR ARRIVAL (TEXNN.TEXNN4)

ARRIVAL DESCRIPTION

COWBOY TRANSITION (CVE.TEXNN4): From over CVE VOR/DME via CVE R-171 to ELLVR INT, then via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ELLVR TRANSITION (ELLVR.TEXNN4): From over ELLVR INT via IDU R-344 to FTBAL INT, then via TPL R-124 to TEXNN INT. Thence . . . .

ILEXY TRANSITION (ILEXY.TEXNN4): From over ILEXY INT via CWK R-088 to TEXNN INT. Thence . . . .

LLANO TRANSITION (LLO.TEXNN4): From over LLO VORTAC via LLO R-088 to FTBAL INT, then via TPL R-124 to CARRR INT, then to TEXNN INT. Thence . . . .

. . . . From over TEXNN INT via TPL R-124 to COACH INT/87 DME, then via CLL R-147 to RECVR INT/55 DME, then via HUB R-276 to TCHDN INT, then via HUB R-276 to HUB VOR. Expect vectors to final approach course at or prior to TCHDN INT.

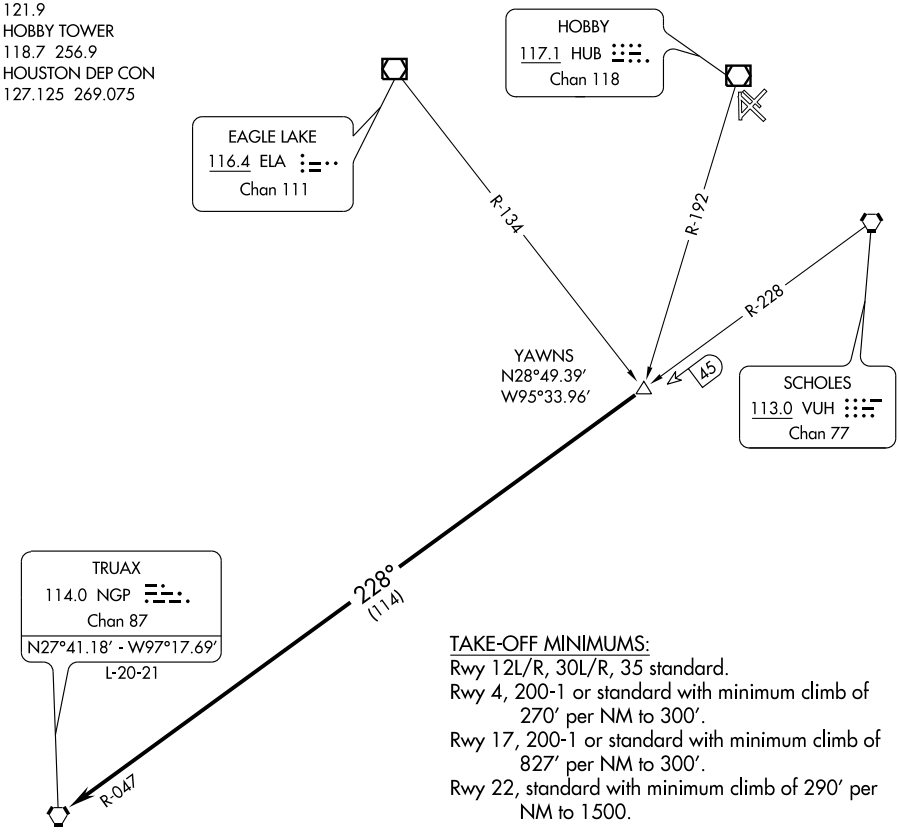
. . . . LANDING RWY 22: Expect vectors to final approach course at or prior to HUB VOR.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE

HOUSTON/ WILLIAM P. HOBBY (HOU)
HOUSTON, TEXAS

ATIS
124.6
CLNC DEL
125.45
GND CON
121.9
HOBBY TOWER
118.7 256.9
HOUSTON DEP CON
127.125 269.075



TAKE-OFF MINIMUMS:
Rwy 12L/R, 30L/R, 35 standard.
Rwy 4, 200-1 or standard with minimum climb of 270′ per NM to 300′.
Rwy 17, 200-1 or standard with minimum climb of 827′ per NM to 300′.
Rwy 22, standard with minimum climb of 290′ per NM to 1500.

Note: For aircraft filed FL180 and above to Rio Grande Valley area or for aircraft filed FL180 and above overflying NGP VORTAC to international destinations.

NOTE: Chart not to scale.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Radar Required.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to YAWNS INT, maintain 5000′, expect filed altitude 10 minutes after departure. Thence. . . .

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 4, Pole 4403′ from DER, 1069′ right of centerline, 121′ AGL/166′ MSL. Light on building 1562′ from DER, 859′ right of centerline, 59′ AGL/103′ MSL. Building 3990′ from DER, 1223′ right of centerline, 139′ AGL/174′ MSL. Light on flagpole 4618′ from DER, 768′ right of centerline, 117′ AGL/161′ MSL.

Rwy 12L, Antenna on hangar 1548′ from DER, 424′ left of centerline, 45′ AGL/ 85′ MSL.

Rwy 12R, Vehicle and road 514′ from DER, 543′ right of centerline, 17′ AGL/55′ MSL. Tree 1217′ from DER, 756′ right of centerline, 43′AGL/89′ MSL. Fence 85′ from DER, 492′ left of centerline, 4′ AGL/45′ MSL. Vehicle and road 176′ from DER, 497′ left of centerline, 17′ AGL/55′ MSL. Pole 1011′ from DER, 696′ left of centerline, 33′ AGL/73′ MSL. Tree 1256′ from DER, 783′ left of centerline, 38′ AGL/78′ MSL.

Rwy 17, Multiple poles beginning 606′ from DER, 393′ right of centerline, up to 79′ AGL/124′ MSL. Crane 1795′ from DER, 689′ right of centerline, 100′ AGL/150′ MSL. Antenna on building 620′ from DER, 312′ left of centerline, 27′ AGL/72′ MSL. Multiple trees beginning 721′ from DER, 260′ left of centerline, up to 71′ AGL/116′ MSL. Radar reflector 1214′ from DER, 258′ left of centerline, 32′ AGL/77′ MSL.

Rwy 22, Antenna on light pole, 1805′ from DER, 968′ right of centerline, 60′ AGL/109′ MSL. Pole 727′ from DER, 626′ right of centerline, 28′ AGL/77′ MSL. Tree 1310′ from DER, 679′ right of centerline, 27′ AGL/76′ MSL.

Rwy 30L, Multiple poles beginning 341′ from DER, 501′ left of centerline, up to 39′ AGL/84′ MSL. Antenna on building 547′ from DER, 274′ right of centerline, 23′ AGL/69′ MSL. Multiple trees beginning 1392′ from DER, 466′ left of centerline, up to 78′ AGL/118′ MSL.

Rwy 30R, Pole 1096′ from DER, 785′ right of centerline, 29′ AGL/75′ MSL. Antenna on building 500′ from DER, 525′ left of centerline, 33′AGL/69′ MSL.

Rwy 35, Antenna on light pole 738′ from DER, 519′ right of centerline, 40′AGL/86′ MSL. Light pole 1119′ from DER, 353′ right of centerline, 31′ AGL/77′ MSL. Antenna on building 66′ from DER, 471′ left of centerline, 33′ AGL/69′ MSL.

VOR/DME HUB	APP CRS	Rwy Idg	N/A
117.1	154°	TDZE	N/A
Chan 118		Apt Elev	46

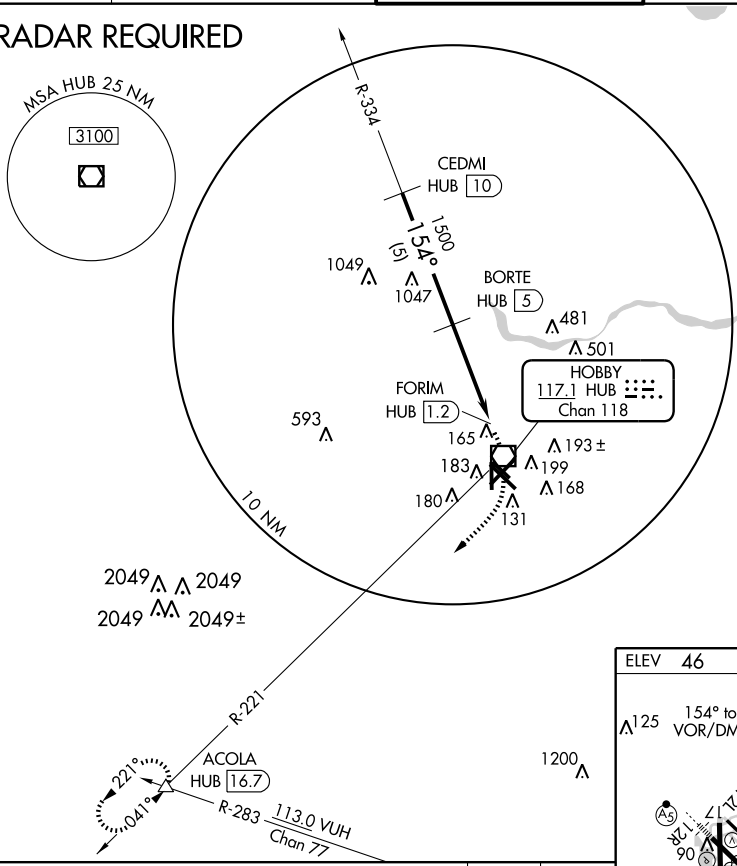
VOR/DME-E

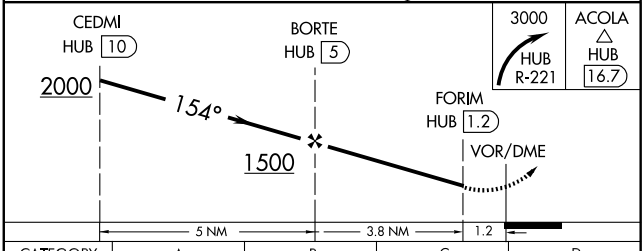
HOUSTON/WILLIAM P. HOBBY (HOU)

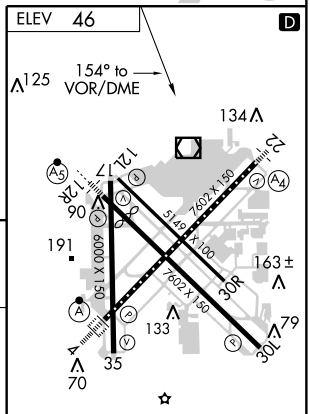
MISSED APPROACH: Climbing right turn to 3000 via HUB R-221 to ACOLA Int/HUB 16.7 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED







TDZ/CL Rwys 4, 12R and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

CATEGORY	A	B	C	D
CIRCLING	600-1¾ 554(600-1¾)			600-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME HUB	APP CRS	Rwy Idg	7602
117.1	027°	TDZE	44
Chan 118		Apt Elev	46

VOR/DME RWY 4

HOUSTON/ WILLIAM P. HOBBY (HOU)

For inoperative MALSR, increase Cat D S-4 visibility to RVR 6000.

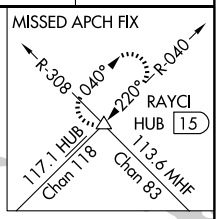
ALSF-2

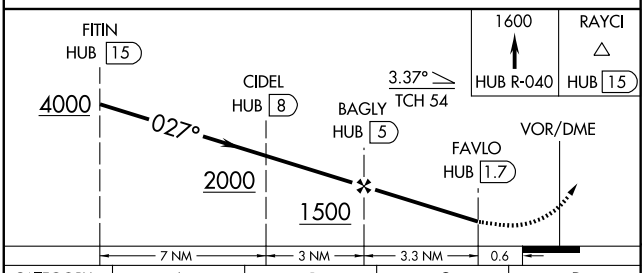
MISSED APPROACH: Climb to 1600 via HUB R-040 to RAYCI Int/HUB 15 DME and hold.

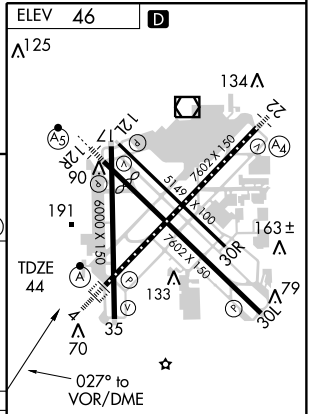
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45

RADAR REQUIRED









CATEGORY	A	B	C	D
S-4	460/40 416 (500-¾)			460/50 416 (500-1)
CIRCLING	520-1 474 (500-1)		520-1½ 474 (500- 1½)	600-2 554 (600-2)

TDZ/CL Rwys 4, 12R and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

SC-5, 17 DEC 2009 to 14 JAN 2010

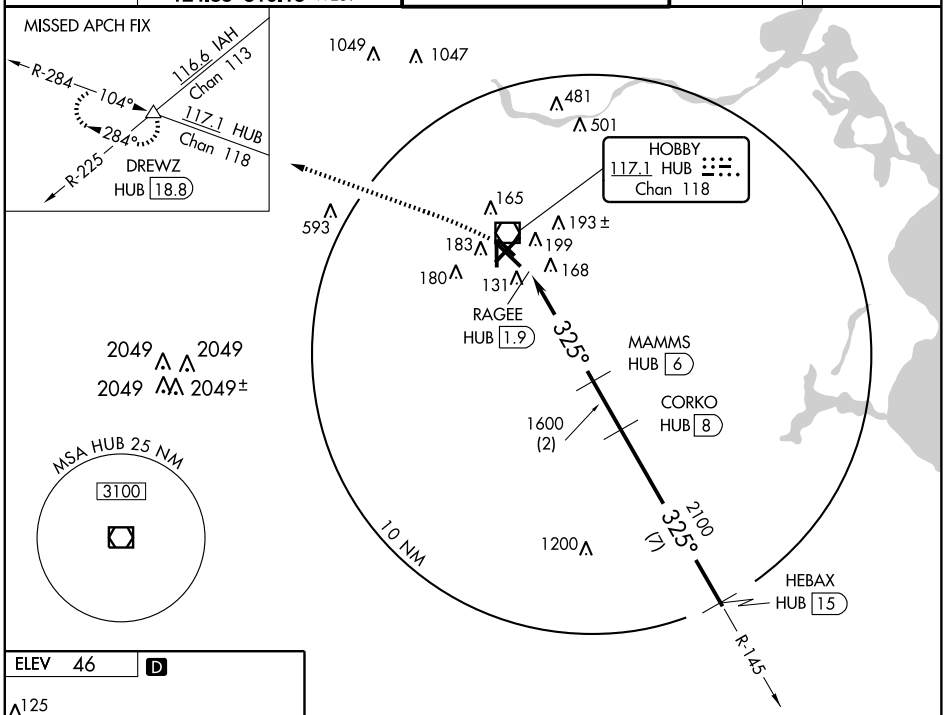
VOR/DME HUB	APP CRS	Rwy Idg	7602
117.1	325°	TDZE	43
Chan 118		Apt Elev	46

VOR/DME RWY 30L

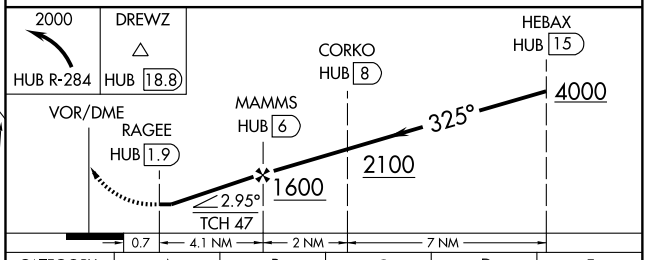
HOUSTON/ WILLIAM P. HOBBY (HOU)

MISSED APPROACH: Climbing left turn to 2000 via HUB R-284 to DREWZ Int/HUB 18.8 DME and hold.

ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45



RADAR REQUIRED



CATEGORY	A	B	C	D	E
S-30L	440/50 397 (400-1)			440/60 397 (400-1¼)	440-1½ 397 (400-1½)
CIRCLING	520-1 474 (500-1)		520-1½ 474 (500-1½)	600-2 554 (600-2)	860-3 814 (900-3)

TDZ/CL Rwys 4, 12R and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

SC-5, 17 DEC 2009 to 14 JAN 2010

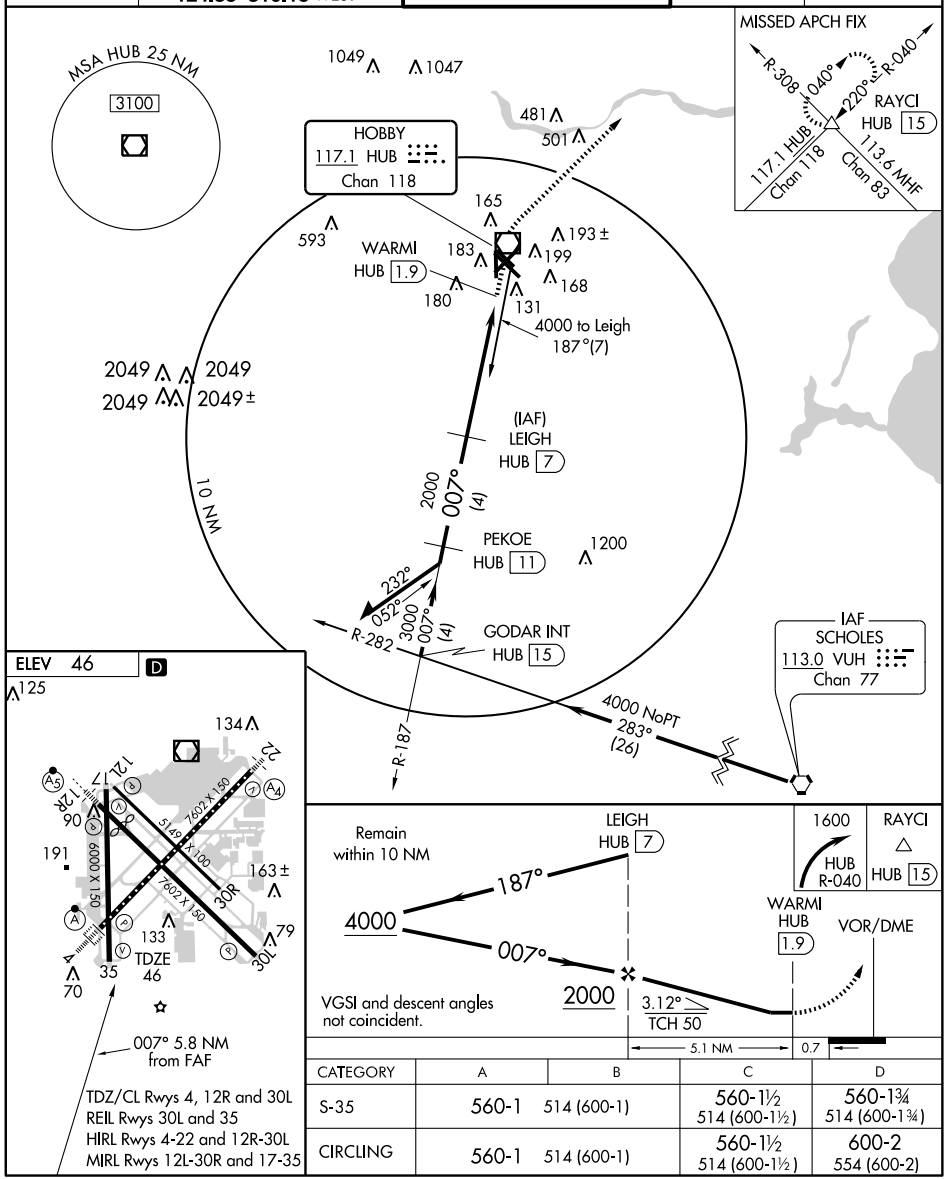
VOR/DME HUB	APP CRS	Rwy Idg	6000
117.1	007°	TDZE	46
Chan 118		Apt Elev	46

VOR/DME RWY 35

HOUSTON/WILLIAM P. HOBBY (HOU)

MISSED APPROACH: Climbing right turn to 1600 via HUB VOR/DME R-040 to RAYCI/HUB 15 DME and hold.

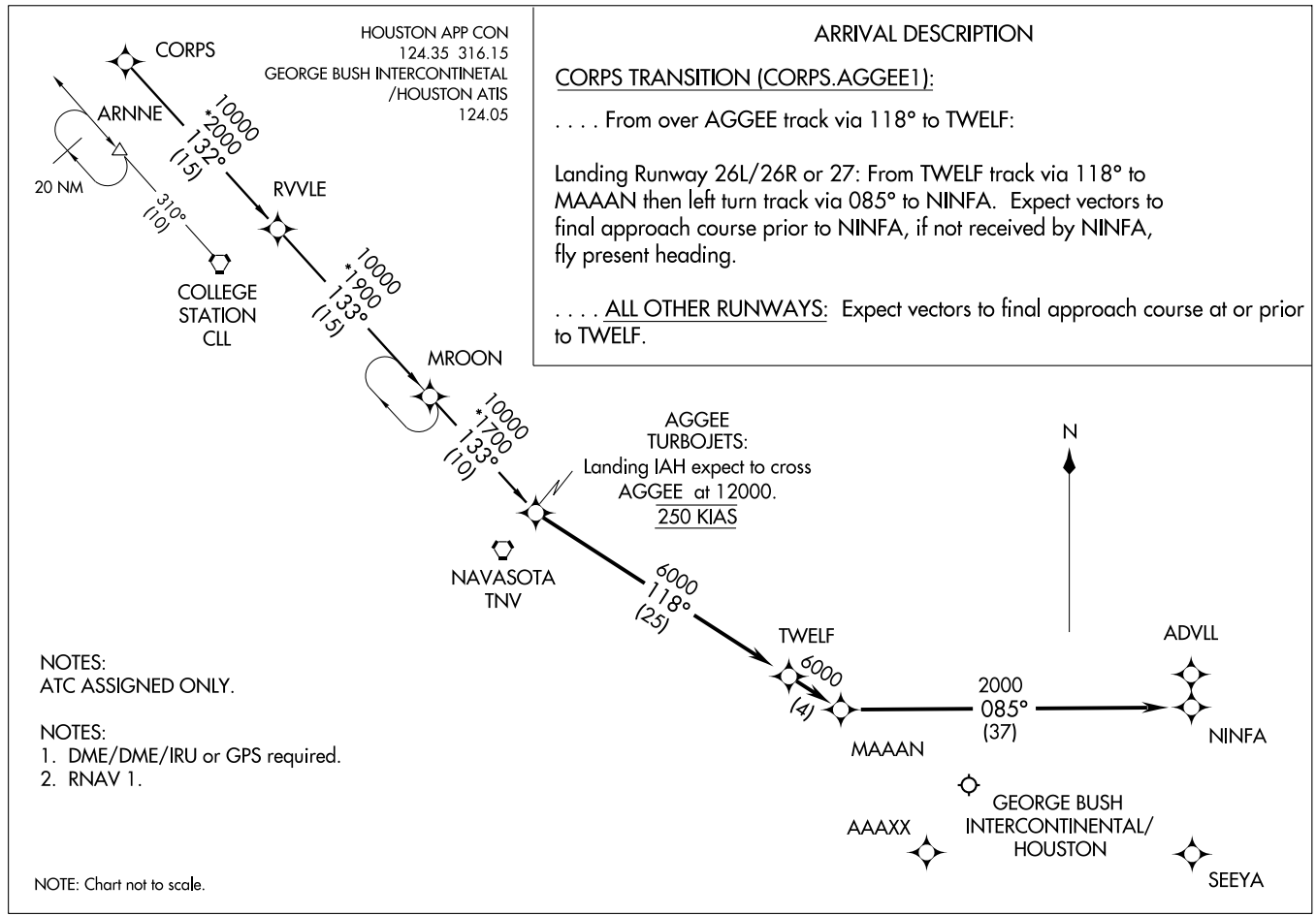
ATIS	HOUSTON APP CON	HOBBY TOWER	GND CON	CLNC DEL
124.6	120.05 379.1 EAST 124.35 316.15 WEST	118.7 256.9	121.9	125.45



TDZ/CL Rwys 4, 12R and 30L
REIL Rwys 30L and 35
HIRL Rwys 4-22 and 12R-30L
MIRL Rwys 12L-30R and 17-35

CATEGORY	A	B	C	D
S-35	560-1	514 (600-1)	560-1½ 514 (600-1½)	560-1¾ 514 (600-1¾)
CIRCLING	560-1	514 (600-1)	560-1½ 514 (600-1½)	600-2 554 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

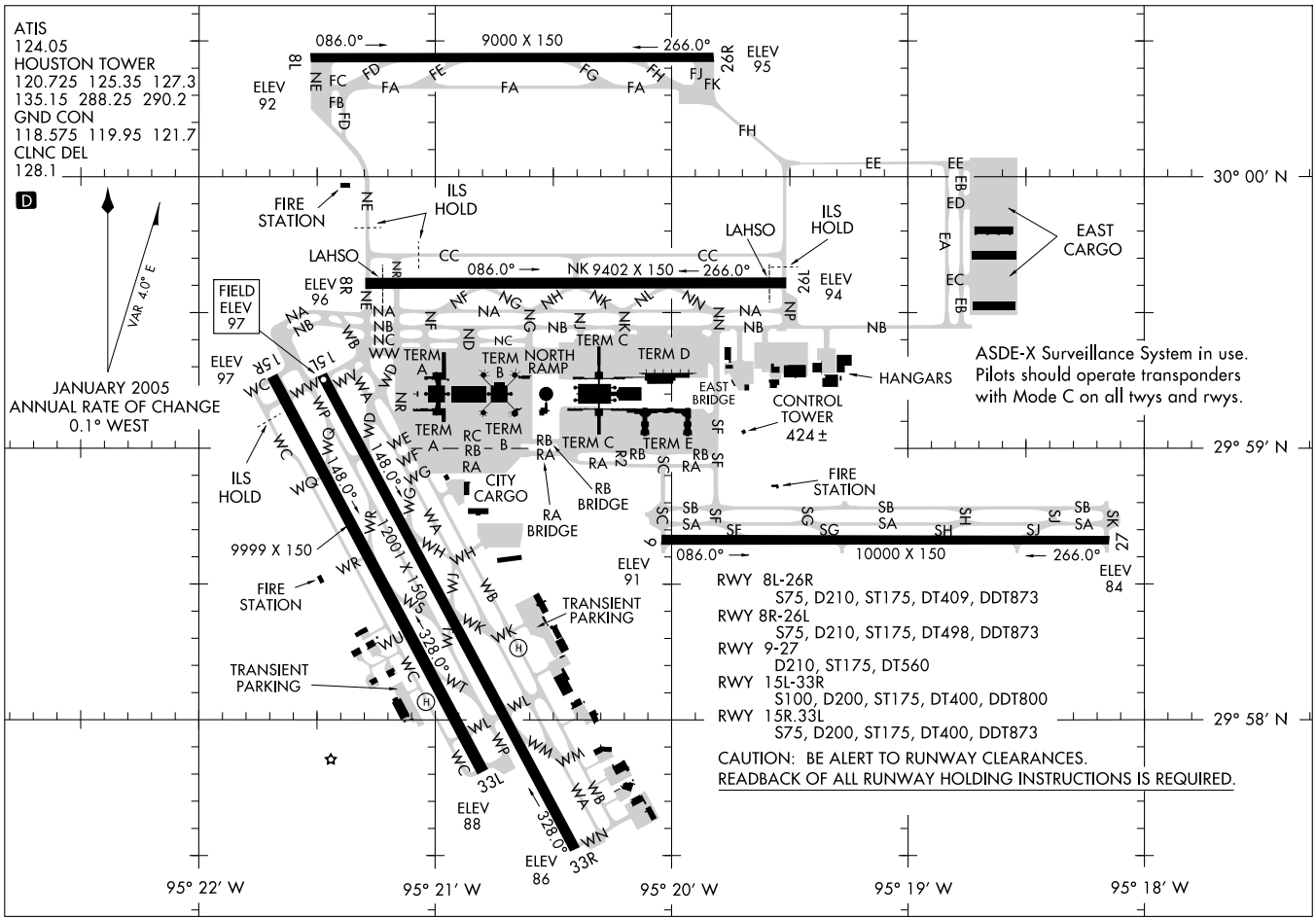


AGGEE ONE ARRIVAL (RNAV)

(AGGEE.AGGEE1) 09071

ST-5461 (FAA)

HOUSTON, TEXAS



09331

AIRPORT DIAGRAM

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

AL-5461 (FAA)

HOUSTON, TEXAS

TAKE-OFF MINIMUMS:
All rwys, standard.

TAKE-OFF OBSTACLES:
Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

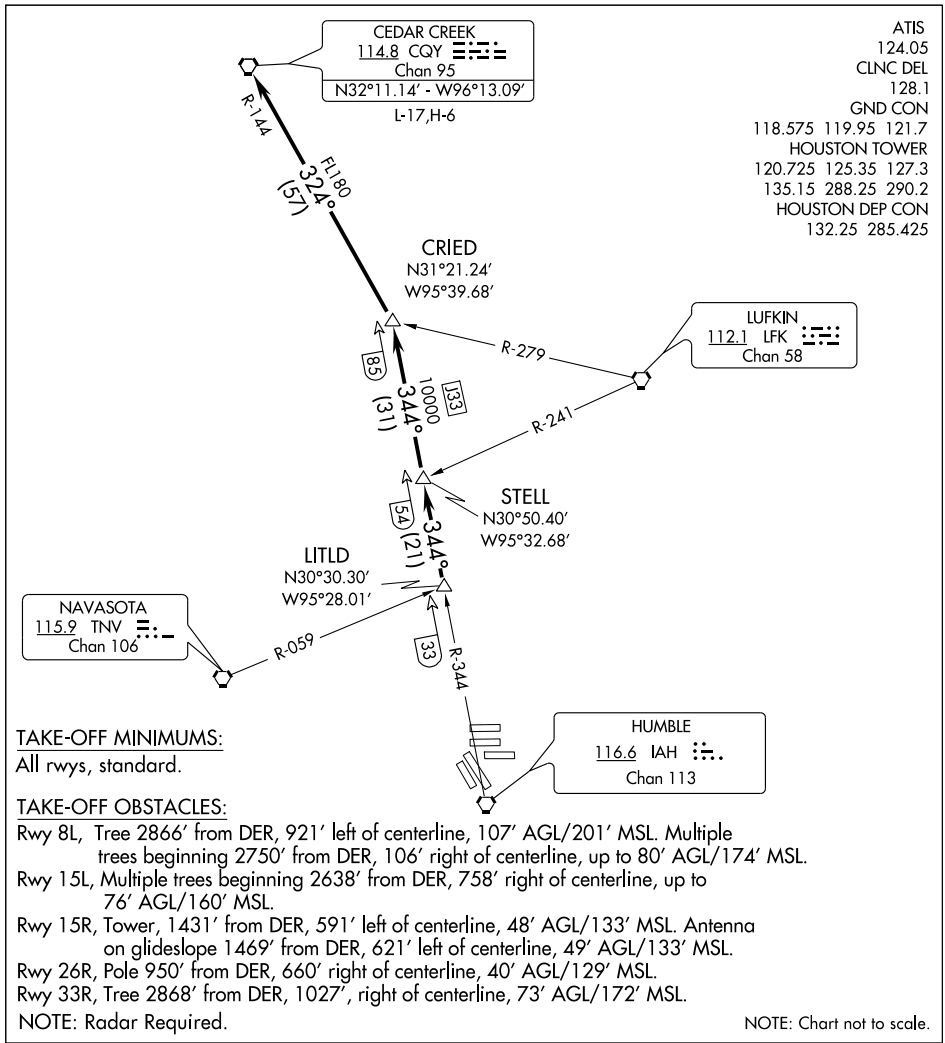
CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE



TAKE-OFF MINIMUMS:
All rwys, standard.

TAKE-OFF OBSTACLES:
Rwy 8L, Tree 2866' from DER, 921' left of centerline, 107' AGL/201' MSL. Multiple trees beginning 2750' from DER, 106' right of centerline, up to 80' AGL/174' MSL.
Rwy 15L, Multiple trees beginning 2638' from DER, 758' right of centerline, up to 76' AGL/160' MSL.
Rwy 15R, Tower, 1431' from DER, 591' left of centerline, 48' AGL/133' MSL. Antenna on glideslope 1469' from DER, 621' left of centerline, 49' AGL/133' MSL.
Rwy 26R, Pole 950' from DER, 660' right of centerline, 40' AGL/129' MSL.
Rwy 33R, Tree 2868' from DER, 1027', right of centerline, 73' AGL/172' MSL.
NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

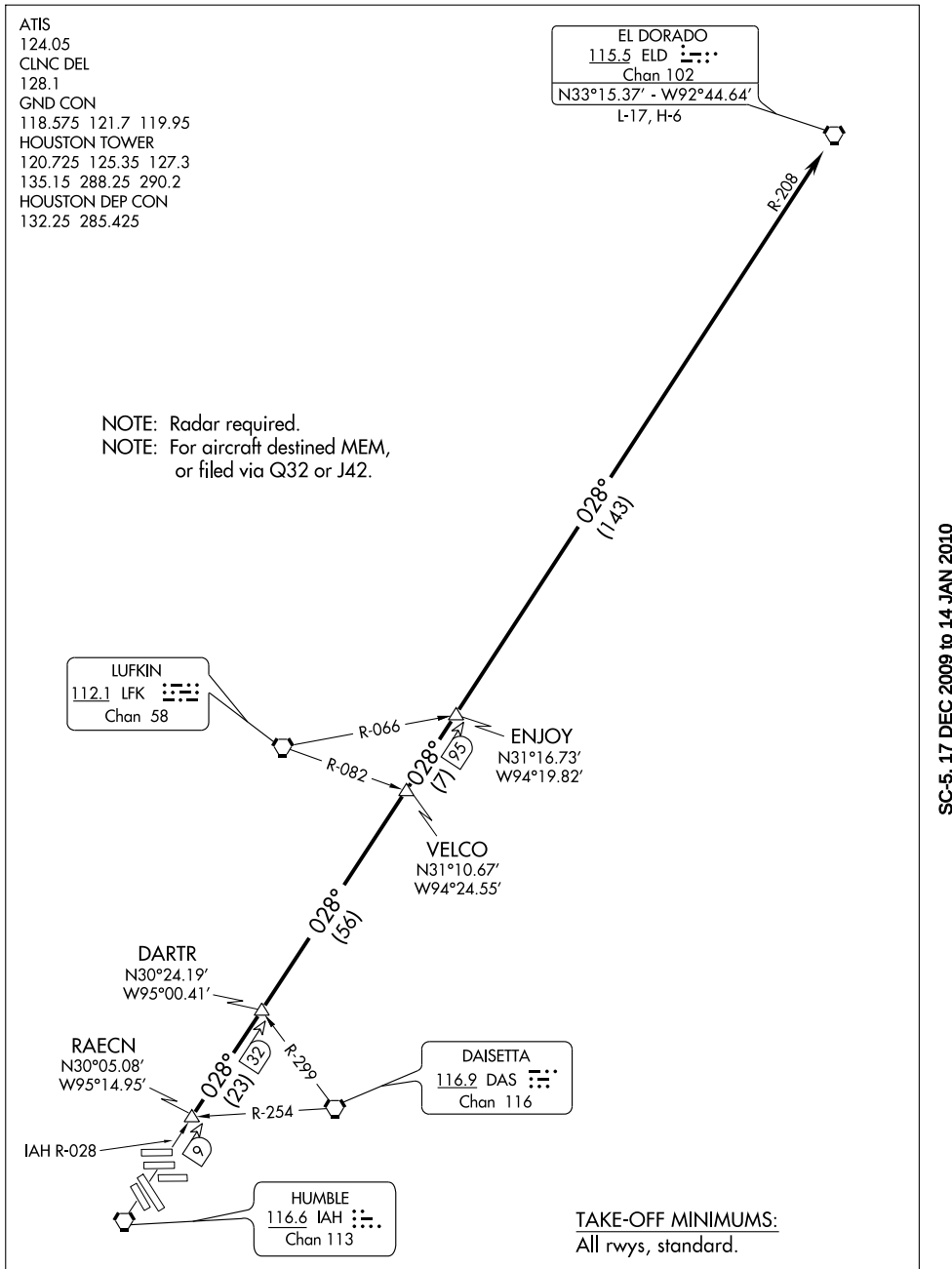
FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE SL-5461 (FAA)



SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE SL-5461 (FAA)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL.
Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL.
Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL..
Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.

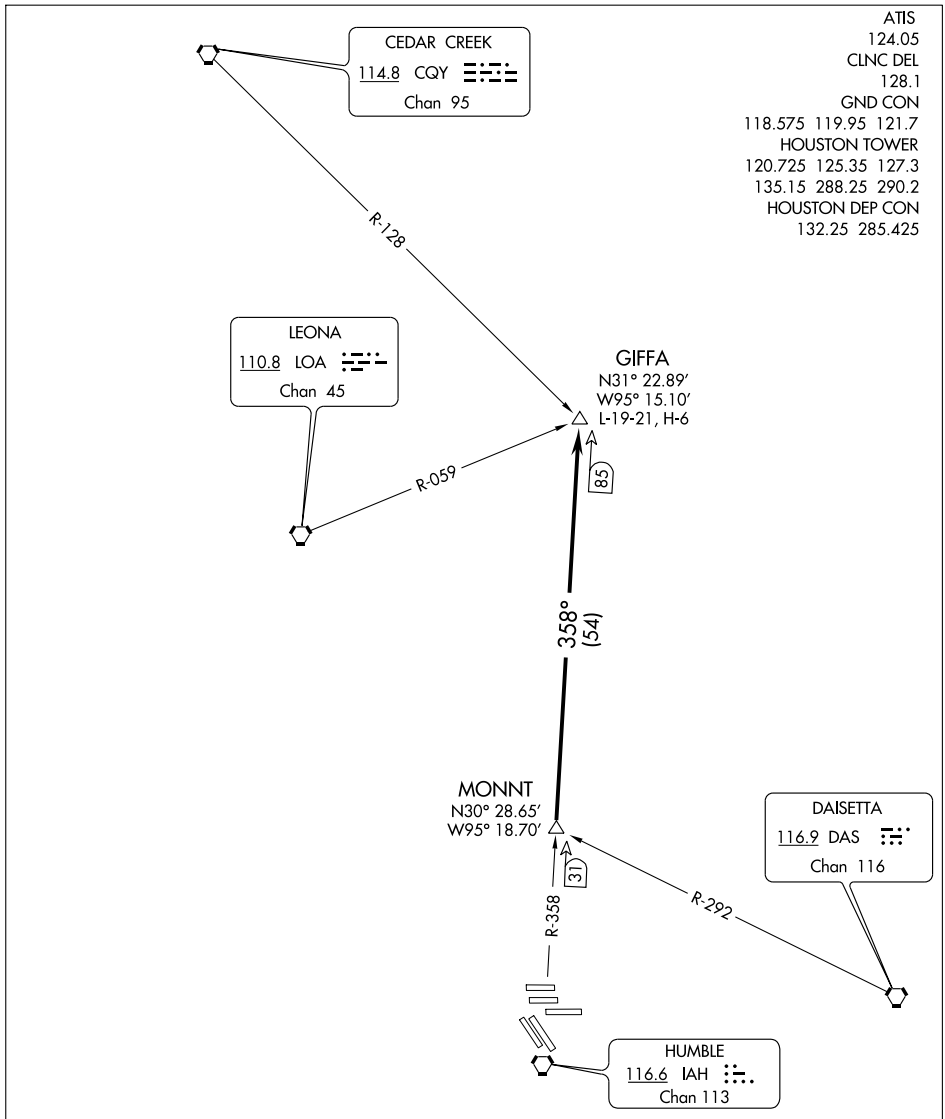
SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

GIFFA THREE DEPARTURE

SL-5461 (FAA)

HOUSTON, TEXAS



NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

TAKE-OFF MINIMUMS:
All runways, standard.

SC-5, 17 DEC 2009 to 14 JAN 2010

▼

DEPARTURE ROUTE DESCRIPTION

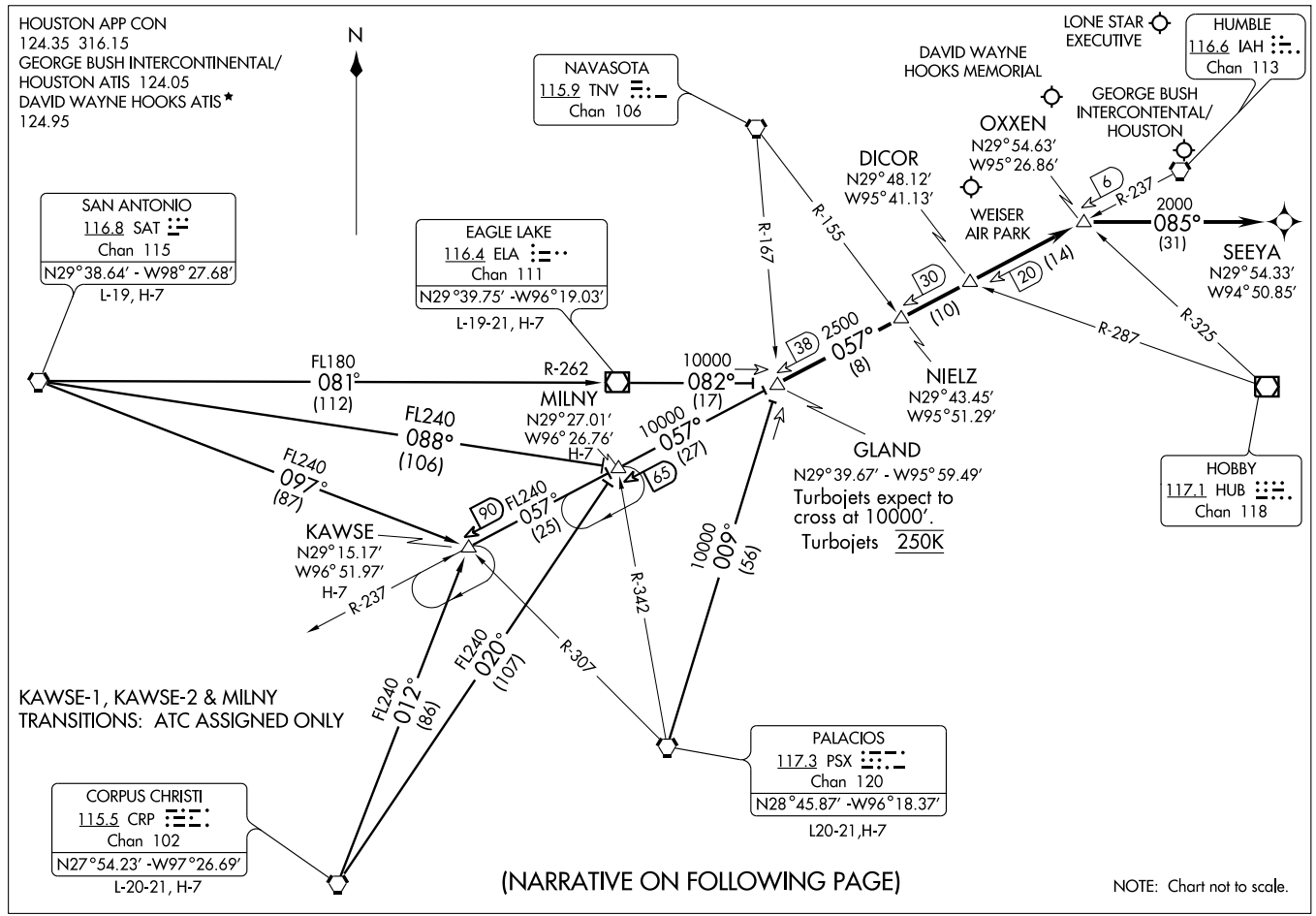
Expect vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/ 201′ MSL.
Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL.
Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from DER, 660 ′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



07298

GLAND THREE ARRIVAL (GLAND.GLAND3)

ST-5461 (FAA)

HOUSTON, TEXAS

GLAND THREE ARRIVAL (GLAND.GLAND3) HOUSTON, TEXAS

ARRIVAL DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.GLAND3): From over CRP VORTAC via CRP R-020 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

EAGLE LAKE TRANSITION (ELA.GLAND3): From over ELA VOR/DME via ELA R-082 to GLAND INT. Thence. . . .

KAWSE-1 TRANSITION (KAWSE-1.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-097 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

KAWSE-2 TRANSITION (KAWSE-2.GLAND3): (ATC assigned.) From over CRP VORTAC via CRP R-012 to KAWSE INT, then via IAH R-237 to GLAND INT. Thence. . . .

MILNY TRANSITION (MILNY.GLAND3): (ATC assigned.) From over SAT VORTAC via SAT R-088 to MILNY INT, then via IAH R-237 to GLAND INT. Thence. . . .

PALACIOS TRANSITION (PSX.GLAND3): From over PSX VORTAC via PSX R-009 to GLAND INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.GLAND3): From over SAT VORTAC via R-081 and ELA R-262 to ELA VOR/DME, then via ELA R-082 to GLAND INT. Thence. . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH): From over GLAND INT via IAH R-237 to OXXEN INT, landing runways 26 L/R or 27 fly heading 085° for vectors to final approach course. For /E, /F, /G, /R (RNP-2.0), equipped aircraft: from over OXXEN INT direct SEEYA WP, expect vector to final approach course prior to SEEYA WP, if not received by SEEYA WP fly present heading. All other runways, expect vectors to final approach course at or prior to OXXEN INT.

FOR ALL OTHER AIRPORTS: From over GLAND INT via IAH R-237 to OXXEN INT. Expect vectors to final approach course at or prior to OXXEN INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 124.05
CLNC DEL
128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
133.6 257.2

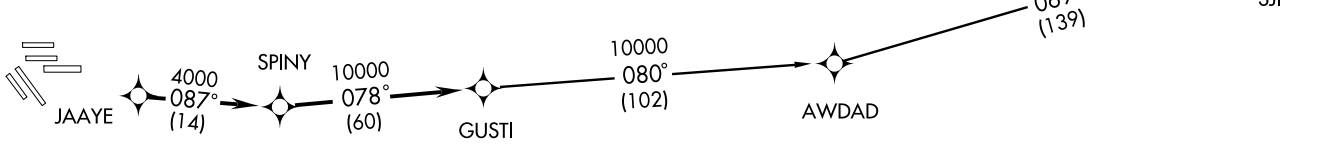
DEPARTURE ROUTE DESCRIPTION

Expect vectors to JAAYE, then via 087° track to SPINY, then via 078° track to GUSTI, thence . . . .

. . . . via (transition). Maintain 4000, expect clearance to filed altitude/flight level 10 minutes after departure.

AWDAD TRANSITION (GUSTI1.AWDAD)

SEMMES TRANSITION (GUSTI1.SJI)



TAKE-OFF OBSTACLES:

Rwy 8L, Tree 2866′ from departure end of runway, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple trees beginning 2750′ from departure end of runway, 106′ right of centerline, up to 80′ AGL/174′ MSL.

Rwy 15L, Multiple trees beginning 2638′ from departure end of runway, 758′ right of centerline, up to 76′ AGL/160′ MSL.

Rwy 15R, Tower 1431′ from departure end of runway, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from departure end of runway, 621′ left of centerline, 49′ AGL/133′ MSL.

Rwy 26R, Pole 950′ from departure end of runway, 660′ right of centerline, 40′ AGL/129′ MSL.

Rwy 33R, Tree 2868′ from departure end of runway, 1027′ right of centerline, 73′ AGL/172′ MSL.

N

TAKE-OFF MINIMUMS:

All runways standard.

NOTE: RNAV 1.
NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS REQUIRED.
NOTE: For NON-GPS equipped aircraft; SBI, BPT, LCH, LFT, LLA, and HRV must be operational.

NOTE: Chart not to scale.

GUSTI ONE DEPARTURE (RNAV)

(GUSTI1.GUSTI) 09071

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

SI-5461 (FAA)

HOUSTON, TEXAS

LOC/DME I-BZU	APP CRS	Rwy Idg	9000
111.55	087°	TDZE	96
Chan 52 (Y)		Apt Elev	97

ILS or LOC RWY 8L

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

For inoperative ALSF increase S-ILS 8L Cat E visibility to RVR 4000, and S-LOC 8L Cat E visibility to 1¾. Simultaneous approach authorized with Rwy 8R and Rwy 9.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 via IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

ALTERNATE MISSED APCH FIX
R-003 R-019 IAH
183° 003°
116.6 Chan 113
R-278
116.9 DAS Chan 116
CLEEP
HUB 38.6
117.1 HUB Chan 118

MISSED APCH FIX
R-003 R-019 IAH
019° 199°
116.6 Chan 113
R-278
116.9 DAS Chan 116
CLEEP
IAH 22.1
117.1 HUB Chan 118

LOCALIZER 111.55
I-BZU
Chan 52 (Y)

10 NM

115.9 TNV Chan 106

(IAF) MAAKO INT I-BZU 27.8
R-130
KABBY INT I-BZU 22.8
(IF) KICKM INT I-BZU 17.2
FLIBZ I-BZU 10.7 RADAR
JACEN I-BZU 7.4 RADAR
R-019 IAH

267°
3000 087° (5)
3000 087° (5.6)
*3000 087° (6.4)
2000 087° (3.4)

320 210 281 247± 629
264 203 IM
237 636 270 396 303 208± 230 368
530 659 923 646

115.9 TNV Chan 106
R-141
117.1 HUB Chan 118
R-312

HUMBLE
116.6 IAH
Chan 113

MSA IAH 25 NM
195°
2400
3100
050°

*When assigned by ATC, intercept glidepath at 3000.

600	4000 IAH R-019 116.6	CLEEP △ IAH 22.1

MAAKO INT I-BZU 27.8 — KABBY INT I-BZU 22.8 — KICKM INT I-BZU 17.2 — FLIBZ I-BZU 10.7 RADAR — JACEN I-BZU 7.4 RADAR — I-BZU 3.1 — I-BZU 1.7

3000 087° 3000 — 3000 — *3000 — 2000 — IM

GS 3.00° TCH 59

2000

5 NM — 5.6 NM — 6.4 NM — 3.4 NM — 4.3 NM — 1.3 — 0.1

ELEV 97 D

087° 5.7 NM from FAF

TDZE 96

9000 X 150 26R
9402 X 150 8L
8R 129± 26L 193 142
9999 X 150 9R
9L 259 189 422 207
10000 X 150 27
201 X 150 33L
125 247 133 203 196 33R 172

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

CATEGORY	A	B	C	D	E
S-ILS 8L	296/18 200 (200-½)				
S-LOC 8L	600/24 504 (600-½)		600/50 504 (600-1)	600/60 504 (600-1¼)	

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-IAH	APP CRS	Rwy Idg	9402
109.7	087°	TDZE	97
Chan 34		Apt Elev	97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

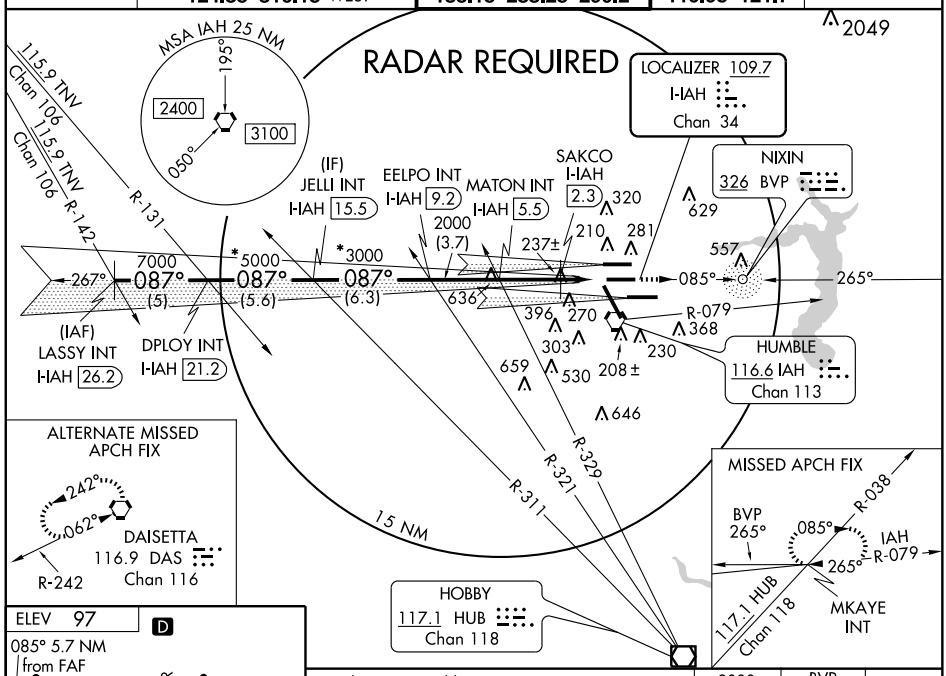
ILS or LOC RWY 8R

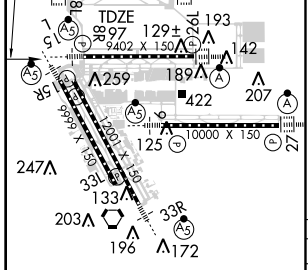
ADF Required. Simultaneous approach authorized with Rwy 8L and Rwy 9. For inoperative MALSR, increase S-ILS-8R Cat E visibility to RVR 4000, and S-LOC-8R Cat E visibility to 3 miles. SAKCO Fix Minimums: For inoperative MALSR, increase S-LOC-8R Cat E visibility to 1½ miles.

MALSR

MISSED APPROACH: Climb to 3000 via BVP NDB bearing 085° to MKAYE INT and hold.

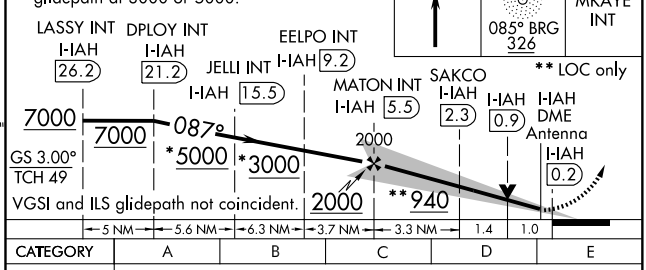
ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1





TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54



CATEGORY	A	B	C	D	E
S-ILS 8R	297/18 200 (200-½)				
S-LOC 8R	940/24 843 (900-½)	940/40 843 (900-¾)	940-2 843 (900-2)	940-2¼ 843 (900-2¼)	940-2½ 843 (900-2½)
	SAKCO FIX MINIMUMS				
S-LOC 8R	500/24 403 (500-½)		500/40 403 (500-¾)		500/50 403 (500-1)

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-UYO	APP CRS	Rwy Idg	10000
110.9	087°	TDZE	92
Chan 46		Apt Elev	97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS or LOC RWY 9

For inoperative MALSR increase S-ILS 9 Cat E visibility to RVR 4000, and S-LOC 9 Cat E visibility to 1¾. Simultaneous approach authorized with Rwy 8L/R.
** RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 580, then climbing right turn to 3000 via IAH R-130 to JEBOX INT/IAH 18.3 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 110.9 I-UYO Chan 46

10 NM

115.9 TNV Chan 106

(IAF) URANG INT I-UYO 27.3

(IF) MEDIC INT I-UYO 16.6

SAYNO INT I-UYO 10.4

HYWAY INT I-UYO 5.6

5000 087° (5) | *4000 087° (5.6) | *3000 087° (6.3) | 2000 087° (4.8)

265° R-143 115.9 TNV Chan 106

CHILT INT I-UYO 22.3

R-133 R-130 R-320 R-331 R-309

HUMBLE 116.6 IAH Chan 113

MISSED APCH FIX
JEBOX INT
IAH 18.3
R-296 R-057 113.6 MHF Chan 83
310° 130° R-130 IAH
117.1 HUB Chan 118

ALTERNATE MISSED APCH FIX
JEBOX INT
MHF 21.7
R-296 R-057 113.6 MHF Chan 83
296° 116° R-130 IAH
117.1 HUB Chan 118

HOBBY 117.1 HUB Chan 118

MSA IAH 25 NM
190°
2400
3100
050°

ELEV 97 D

9000 X 150 26R 8L
9402 X 150 8R 26L
9999 X 150 9L 27R
12001 X 150 15L 33R
10000 X 150 15R 33L
TDZE 92
129± 193 142 259 189 422 207 125 133 203 196 172
247° 087° 5.7 NM from FAF

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

580 | 3000 IAH R-130 116.6 | JEBOX IAH 18.3

URANG INT I-UYO 27.3 | CHILT INT I-UYO 22.3 | MEDIC INT I-UYO 16.6 | SAYNO INT I-UYO 10.4 | HYWAY INT I-UYO 5.6 | I-UYO DME Antenna | I-UYO 1.2 | I-UYO 0.2

5000 | 5000 | 087° | *4000 | 2000 | 2000

VGSI and ILS glidepath not coincident.
GS 3.00° TCH 56
*When assigned *3000 by ATC, intercept glidepath at 3000 or 4000.

5 NM | 5.6 NM | 6.3 NM | 4.8 NM | 4.4 | 1.3

CATEGORY	A	B	C	D	E
S-ILS 9	** 292/24	200 (200-½)			
S-LOC 9	580/24	488 (500-½)	580/40 488 (500-¾)	580/50 488 (500-1)	580/60 488 (500-1¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-5461 (FAA)

ILS or LOC RWY 15R

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

LOC I-LKM	APP CRS	Rwy Idg	9999
111.15	147°	TDZE	97
		Apt Elev	97

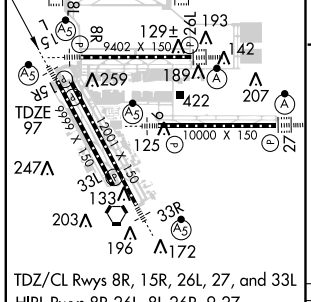
Radar or DME required. For inoperative MALSR, increase S-ILS Cat E visibility to RVR 4000, and S-LOC Cat E visibility to 1¾.

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 via IAH R-085 to COSBI INT/IAH 21.8 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

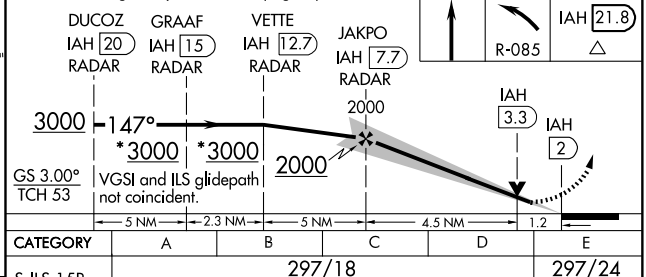
RADAR REQUIRED



TDZ/CL Rwys 8R, 15R, 26L, 27, and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27,
15L-33R and 15R-33L

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54



CATEGORY	A	B	C	D	E
S-ILS 15R	297/18 200 (200-½)				297/24 200 (200-½)
S-LOC 15R	560/24 463 (500-½)		560/40 463 (500-¾)	560/50 463 (500-1)	560/60 463 (500-1¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS AL-5461 (FAA)

LOC/DME I-JYV	APP CRS	Rwy Idg	9402
109.7	267°	TDZE	97
Chan 34		Apt Elev	97

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS or LOC RWY 26L

Simultaneous approach authorized with Rwy 26R and Rwy 27. For inoperative ALSF, increase S-ILS-26L Cat E visibility to RVR 4000, S-LOC 26L Cat E visibility to 2 ¾ miles. SOROY Fix Minimums: For inoperative ALSF, increase S-LOC-26L Cat E visibility to RVR 6000.

ALSF-2

MISSED APPROACH: Climb to 3000 then left turn via heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 109.7 I-JYV Chan 34

MSA IAH 25 NM: 195° 2400, 050° 3100

10 NM

116.9 DAS Chan 116

SOROY I-JYV 4

JEPNI INT I-JYV 7.5

KERNS INT I-JYV 10.9

GRIEG INT I-JYV 17.4

MKAYE INT I-JYV 23.1

VANNN INT I-JYV 28.1

(IF) (IAF)

IAH R-079

R-270 R-004 R-013 R-028 R-038 R-133 R-213 R-225 087°

2000 267° (3.5)

*3000 267° (6.5)

*5000 267° (5.7)

7000 267° (5)

HUMBLE 116.6 IAH Chan 113

MISSED APCH FIX

115.9 TNV Chan 106 R-133 LUCEP INT IAH 22.9 R-270 090° 270° 116.6 IAH Chan 113

117.1 HUB Chan 118

ALTERNATE MISSED APCH FIX

115.9 TNV Chan 106 R-133 LUCEP INT 326 BVP 085° 265°

3000 HDG 240° IAH R-270 116.6 LUCEP INT IAH 22.9

* When assigned by ATC, intercept glidepath at 3000 or 5000.

VGSI and ILS glidepath not coincident.

** LOC only

I-JYV 1.7 I-JYV 2.6 IM MM SOROY I-JYV 4 JEPNI INT I-JYV 7.5 KERNS INT I-JYV 10.9 GRIEG INT I-JYV 17.4 MKAYE INT I-JYV 23.1 VANNN INT I-JYV 28.1

880** 2000 3000* 5000* 7000 7000 GS 3.00° TCH 56

0.1 0.4 0.4 1.4 NM 3.5 NM 3.5 NM 6.5 NM 5.7 NM 5 NM

ELEV 97 D

267° 5.7 NM from FAF

9000 X 150 26R 18L 1 15 8R 9402 X 150 26L 129± 193 TDZE 97 142 189 259 422 207 9999 X 150 9R 27L 125 10000 X 150 27R 247 33L 133 203 196 33R 172

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L. HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

CATEGORY	A	B	C	D	E
S-ILS 26L	297/18 200 (200-½)				
S-LOC 26L	880/24 783 (800-½)	880/40 783 (800-¾)	880-1¾ 783 (800-1¾)	880-2 783 (800-2)	880-2¼ 783 (800-2¼)
SOROY FIX MINIMUMS					
S-LOC 26L	440/24 343 (400-½)			440/40 343 (400-¾)	

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-OND	APP CRS	Rwy Idg	9000
111.55	267°	TDZE	97
Chan 52 (Y)		Apt Elev	97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS or LOC RWY 26R

For inoperative ALSF, increase S-ILS 26R Cat E visibility to RVR 4000 and S-LOC 26R Cat E visibility to 1¾ mile. Simultaneous approach authorized with Rwy 26L and Rwy 27. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 via IAH R-344 to PEPBI INT/IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

MISSED APCH FIX
R-344 PEPBI INT IAH 20
164° 344°
115.9 TNV Chan 106
R-082
116.6 IAH Chan 113

ALTERNATE MISSED APCH FIX
R-344 PEPBI INT HUB 38.4
164° 344°
115.9 TNV Chan 106
R-082
117.1 HUB Chan 118

10 NM

629
OWELL I-OND 7.4 RADAR
CHUBS INT I-OND 11.1
RAIDS INT I-OND 17.6
NEWLY INT I-OND 23.3
(IAF) ZAPPO INT I-OND 28.3

IAH and HUB R-344
320 281 210 214± 270 303 396 530 659 208± 230 368 646
IM
255± 557 2000 267° (3.8)
*2000 267° (6.4)
*3000 267° (5.7)
3000 267° (5)
087°

R-227 R-215 R-013 R-027 R-344

116.9 DAS Chan 116

HUMBLE 116.6 IAH Chan 113

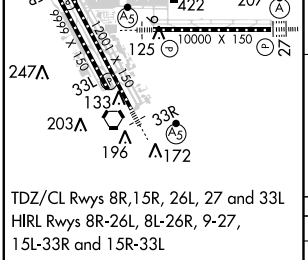
LOCALIZER 111.55 I-OND Chan 52 (Y)

117.1 HUB Chan 118

RADAR REQUIRED

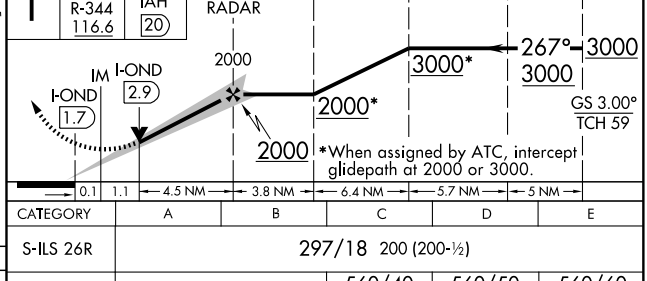
MSA IAH 25 NM
195°
2400
3100
050°

ELEV 97
D
TDZE 97
267° 5.7 NM from FAF



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54



CATEGORY	A	B	C	D	E
S-ILS 26R	297/18 200 (200-½)				
S-LOC 26R	560/24 463 (500-½)	560/40 463 (500-¾)	560/50 463 (500-1)	560/60 463 (500-1¼)	

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-GHI	APP CRS	Rwy Idg 10000
110.9	267°	TDZE 88
Chan 46		Apt Elev 97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS or LOC RWY 27

For inoperative ALSF, increase S-ILS 27 Cat E visibility to RVR 4000 and S-LOC 27 Cat E visibility to 1½. Simultaneous approach authorized with runway 26L/R.

ALSF-2

MISSED APPROACH: Climb to 520, then climbing left turn to 3000 via IAH R-215 to TICOY INT/ IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 110.9
I-GHI
Chan 46

10 NM

DAISETTA
116.9 DAS
Chan 116

(IF)
DENTO INT
I-GHI 16.2

(IAF)
SILLS INT
I-GHI 27

TRANN INT
I-GHI 22

FESTA INT
I-GHI 10

REDOC INT
I-GHI 6

IM

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

MSA IAH 25 NM
195°
2400
3100
050°

MISSED APCH FIX
TICOY INT
IAH 20
116.6 IAH
R-215
Chan 113
R-274
117.1 HUB
Chan 118
035°
215°
R-215

ALTERNATE
MISSED APCH FIX
TICOY INT
R-274
117.1 HUB
Chan 118
035°
215°
SGR 388
215°

ELEV 97

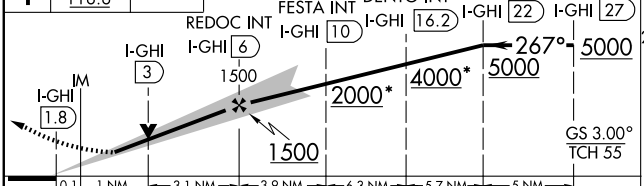
9000 X 150
9402 X 150
10000 X 150
9999 X 150

TDZE 88

520	3000	TICOY INT
	IAH R-215 116.6	IAH 20

VGSI and ILS glidepath not coincident.

* When assigned by ATC, intercept glidepath at 2000 or 4000.



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

267° 4.2 NM from FAF

CATEGORY	A	B	C	D	E
S-ILS 27	288/18 200 (200-½)				
S-LOC 27	520/24 432 (500-½)		520/40 432 (500-¾)	520/50 432 (500-1)	

FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS AL-5461 (FAA)

ILS or LOC RWY 33R

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

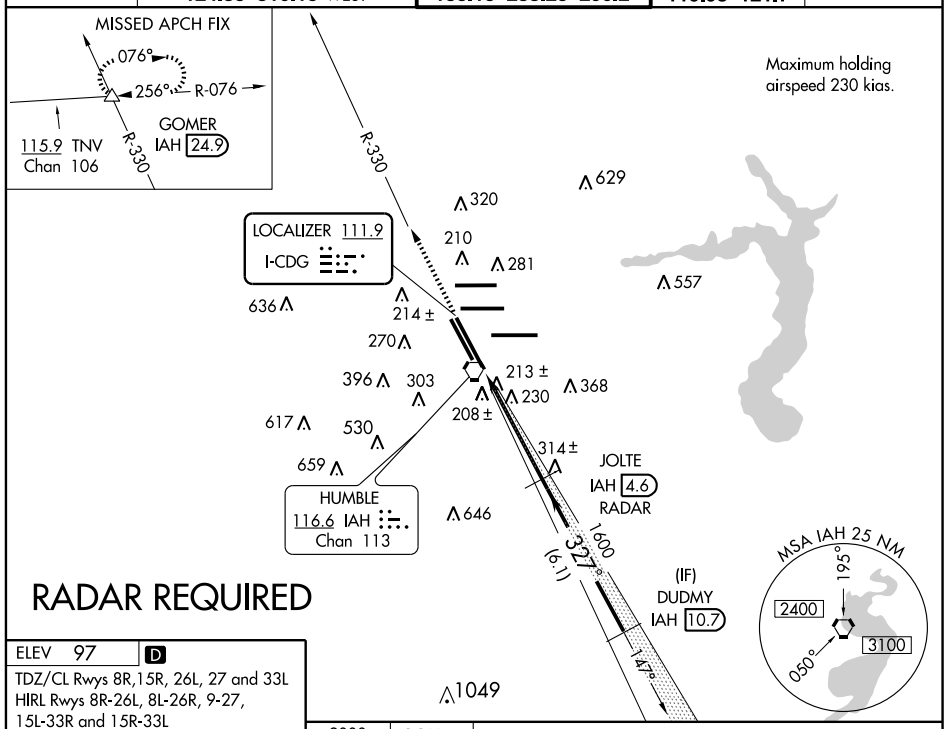
LOC I-CDG	APP CRS	Rwy 33R Idg	12001	Rwy 33L Idg	9999
111.9	327°	TDZE	89	TDZE	91
		Apt Elev	97	Apt Elev	97

DME from IAH VORTAC. Simultaneous reception of I-CDG and IAH DME required. DME or RADAR REQUIRED. For inoperative MALSR, increase S-ILS 33R Cat E visibility to RVR 4000 and S-LOC 33R Cat E visibility to 1½. **RVR 1800 authorized with the use of FD or AP or HUD to DA.

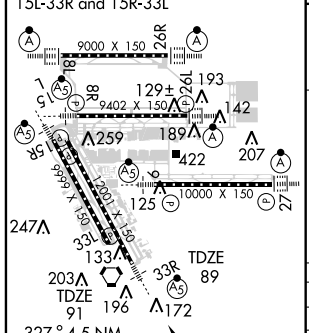
MALSR

MISSED APPROACH: Climb to 2000 via IAH R-330 to GOMER INT / IAH 24.9 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

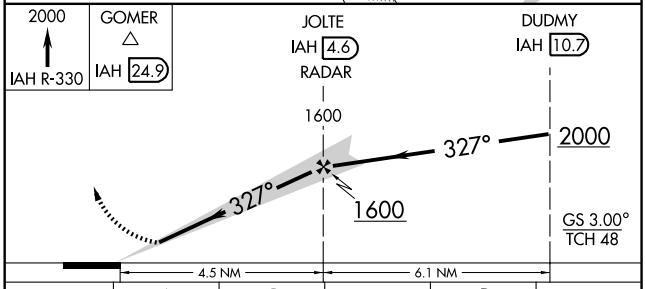


RADAR REQUIRED



FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



CATEGORY	A	B	C	D	E
S-ILS 33R	** 289/24 200 (200-½)				
S-LOC 33R	540/24 451 (500-½)				540/50 451 (500-1)
SIDESTEP Rwy 33L	540-1 449 (500-1)		540-1½ 449 (500-1½)	540-2 449 (500-2)	NA
CIRCLING	NA				

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-5461 (FAA)

LOC/DME I-BZU	APP CRS	Rwy Idg	9000
111.55	087°	TDZE	96
Chan 52 (Y)		Apt Elev	97

ILS RWY 8L (CAT II)

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

Simultaneous approach authorized with Rwy 8R and Rwy 9.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 via IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

ALTERNATE MISSED APCH FIX
R-003 R-019 IAH
183° 003°
116.6 Chan 113
R-278
116.9 DAS Chan 116
CLEEP
HUB 38.6
117.1 HUB Chan 118

MISSED APCH FIX
R-003 R-019 IAH
196° 019°
116.6 Chan 113
R-278
116.9 DAS Chan 116
CLEEP
IAH 22.1
117.1 HUB Chan 118

LOCALIZER 111.55
I-BZU
Chan 52 (Y)

10 NM

115.9 TNV Chan 106

(IAF) MAAKO INT I-BZU 27.8

R-130

KABBY INT I-BZU 22.8

(IF) KICKM INT I-BZU 17.2

FLIBZ I-BZU 10.7 RADAR

JACEN I-BZU 7.4 RADAR

R-019 IAH

267°

3000 087° (5)

3000 087° (5.6)

*3000 087° (6.4)

2000 087° (3.4)

264 203 IM 320 210 281 247± 629

636 237 270 396 303 208± 230 368

530 659 923 646

115.9 TNV Chan 106

R-141

117.1 HUB R-312 Chan 118

HUMBLE 116.6 IAH Chan 113

MSA IAH 25 NM
195°
2400
3100
050°

ELEV 97 D

TDZE 96

9000 X 150 26R 8L

9402 X 150 8R 26L

9999 X 150 9L 27R

10000 X 150 15L 33R

129± 193 142 259 189 422 207 125 247 133 203 196 172

* When assigned by ATC, intercept glidepath at 3000.

600	4000 IAH R-019 116.6	CLEEP △ IAH 22.1

MAAKO INT I-BZU 27.8 — KABBY INT I-BZU 22.8 — KICKM INT I-BZU 17.2 — FLIBZ I-BZU 10.7 RADAR — JACEN I-BZU 7.4 RADAR

3000 087° 3000 — 3000 — *3000 — 2000 — DH RA 104 — IM — 96 MSL

GS 3.00° TCH 59

2000

5 NM — 5.6 NM — 6.4 NM — 3.4 NM — 5.6 NM — 866′ — 1140′

CATEGORY	A	B	C	D
S-ILS 8L	RA 104/12 100 DA 196			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-BZU	APP CRS	Rwy Idg	9000
111.55	087°	TDZE	96
Chan 52 (Y)		Apt Elev	97

ILS RWY 8L (CAT III)

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

Simultaneous approach authorized with Rwy 8R and Rwy 9.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 via IAH VORTAC R-019 to CLEEP INT/IAH 22.1 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

ALTERNATE MISSED APCH FIX
R-003 R-019 IAH
183° 003° 116.6 Chan 113
R-278 116.9 DAS Chan 116
CLEEP HUB 38.6 117.1 HUB Chan 118

MISSED APCH FIX
R-003 R-019 IAH
190° 019° 116.6 Chan 113
R-278 116.9 DAS Chan 116
CLEEP IAH 22.1 117.1 HUB Chan 118

LOCALIZER 111.55
I-BZU
Chan 52 (Y)

10 NM

115.9 TNV Chan 106

(IAF) MAAKO INT I-BZU 27.8 — R-130 — KABBY INT I-BZU 22.8 — (IF) KICKM INT I-BZU 17.2 — FLIBZ I-BZU 10.7 RADAR — JACEN I-BZU 7.4 RADAR

267° 3000 087° (5) 3000 087° (5.6) *3000 087° (6.4) 2000 087° (3.4)

320 210 281 247± 264 203 IM 237 270 396 303 208± 230 368 636 530 659 923 646

R-019 IAH 629

115.9 TNV Chan 106 R-141

117.1 HUB Chan 118 R-312

MSA IAH 25 NM
195° 2400 3100 050°

HUMBLE 116.6 IAH Chan 113

ELEV 97 D

TDZE 96

9000 X 150 26R 8L

9402 X 150 26L 8R

9999 X 150 15L 33R

10000 X 150 15R 27

129± 193 142 259 189 422 207 125 247 133 203 196 172

* When assigned by ATC, intercept glidepath at 3000.

MAAKO INT I-BZU 27.8	KABBY INT I-BZU 22.8	KICKM INT I-BZU 17.2	FLIBZ I-BZU 10.7 RADAR	JACEN I-BZU 7.4 RADAR
3000	3000	3000	*3000	2000

087°

GS 3.00° TCH 59

2000 IM 190 96 MSL

5 NM — 5.6 NM — 6.4 NM — 3.4 NM — 5.6 NM — 810′ — 1140′

600 ↑ 4000 IAH R-019 116.6 CLEEP △ IAH 22.1

CATEGORY	A	B	C	D
S-ILS 8L		CAT IIIa	RVR 07	
S-ILS 8L		CAT IIIb	RVR 06	
S-ILS 8L		CAT IIIc	NA	

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-JYV	APP CRS	Rwy Idg	9402
109.7	267°	TDZE	97
Chan 34		Apt Elev	97

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 26L (CAT II)

Simultaneous approach authorized with Rwy 26R and Rwy 27.

ALSF-2

MISSED APPROACH: Climb to 3000 then left turn via heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 109.7 I-JYV Chan 34

MSA IAH 25 NM: 195° 2400 3100 050°

10 NM

JEPNI INT I-JYV 7.5

KERNS INT I-JYV 10.9

GRIEG INT I-JYV 17.4 (IF)

MKAYE INT I-JYV 23.1

VANNN INT I-JYV 28.1 (IAF)

IAH R-079

116.9 DAS Chan 116

HUMBLE 116.6 IAH Chan 113

MISSED APCH FIX: LUCEP INT IAH 22.9; 115.9 TNV Chan 106 R-133; R-270 090° 270°; 116.6 IAH Chan 113

ALTERNATE MISSED APCH FIX: LUCEP INT; 326 BVP; 115.9 TNV Chan 106 R-133; 085° 265°

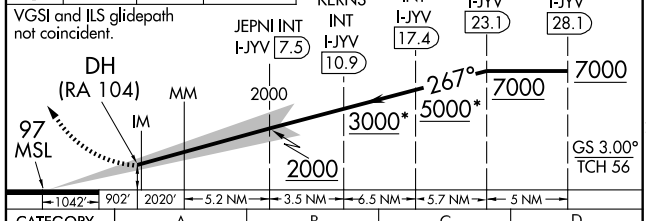
117.1 HUB Chan 118

R-004 R-013 R-028 R-038 R-213 R-225 R-270

3000 HDG 240° | IAH R-270 116.6 | LUCEP INT IAH 22.9

VGSI and ILS glidepath not coincident.

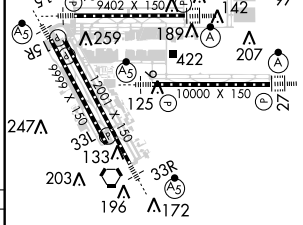
* When assigned by ATC, intercept glidepath at 3000 or 5000.



CATEGORY	A	B	C	D
S-ILS 26L	RA 104/12 100 DA 197			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L. HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-5461 (FAA)

LOC/DME I-JYV	APP CRS	Rwy Idg	9402
109.7	267°	TDZE	97
Chan 34		Apt Elev	97

HOUSTON/ GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 26L (CAT III)

Simultaneous approach authorized with Rwy 26R and Rwy 27.

ALSF-2

MISSED APPROACH: Climb to 3000 then left turn via heading 240° and IAH VORTAC R-270 to LUCEP INT/IAH 22.9 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 109.7
I-JYV
Chan 34

MSA IAH 25 NM
195°
2400
3100
050°

10 NM

629
320
210
281
574±
214 ±
585±
270
183±
IM MM
R-270
303
396
530
208 ±
230
368
667

JEPNI INT
I-JYV 7.5
2000
267°
(3.5)

KERNS INT
I-JYV 10.9
*3000
267°
(6.5)

*5000
267°
(5.7)

7000
267°
(5)
087°

IAH
R-079

116.9 DAS
Chan 116

R-225
R-213

MKAYE INT
I-JYV 23.1

(IF)
GRIEG INT
I-JYV 17.4

(IAF)
VANNN INT
I-JYV 28.1

R-004
R-013
R-028
R-038

HUMBLE
116.6 IAH
Chan 113

117.1 HUB
Chan 118

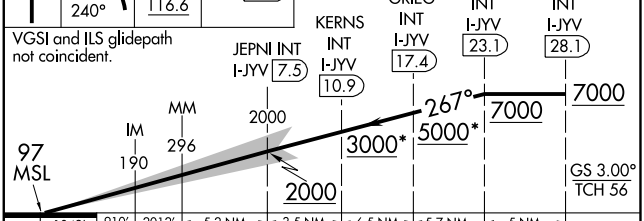
MISSED APCH FIX
115.9 TNV
R-133
Chan 106
LUCEP INT
IAH 22.9
R-270
090°
116.6 IAH
Chan 113
270°

ALTERNATE MISSED APCH FIX
115.9 TNV
R-133
Chan 106
LUCEP INT
326 BVP
085°
085°
265°

3000
HDG
240°
IAH
R-270
116.6
LUCEP INT
IAH 22.9

* When assigned by ATC, intercept glidepath at 3000 or 5000.

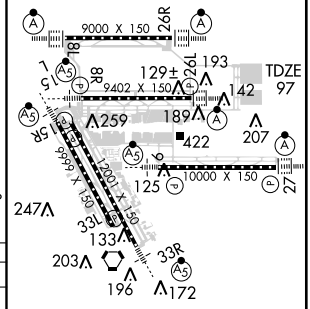
VGSI and ILS glidepath not coincident.



CATEGORY	A	B	C	D
S-ILS 26L	CAT IIIa	RVR 07		
S-ILS 26L	CAT IIIb	RVR 06		
S-ILS 26L	CAT IIIc	NA		

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L. HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-5461 (FAA)

LOC/DME I-OND	APP CRS	Rwy Idg	9000
111.55	267°	TDZE	97
Chan 52 (Y)		Apt Elev	97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 26R (CAT II)

Simultaneous approach authorized with Rwy 26L and 27. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 600, then climbing right turn to 3000 via IAH R-344 to PEPBI INT/IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

MISSED APCH FIX
R-344
PEPBI INT
IAH 20
164°
344°
115.9 TNV
Chan 106
R-082
116.6 IAH
Chan 113

ALTERNATE MISSED APCH FIX
R-344
PEPBI INT
HUB 38.4
164°
344°
115.9 TNV
Chan 106
R-082
117.1 HUB
Chan 118

10 NM

629
OWELL
I-OND 7.4
RADAR

CHUBS INT
I-OND 11.1

RAIDS INT
I-OND 17.6

NEWLY INT
I-OND 23.3

(IAF)
ZAPPO INT
I-OND 28.3

IAH and HUB R-344

320 281 210 IM 214± 270 303 396 530 659 208± 230 368 646

255± 557 2000 *2000 *3000 3000
267° 267° 267° 267°
(3.8) (6.4) (5.7) (5)
087°

DAISETTA
116.9 DAS
Chan 116

R-227
R-215
R-013
R-027
R-344

HUMBLE
116.6 IAH
Chan 113

LOCALIZER 111.55
I-OND
Chan 52 (Y)

117.1 HUB
Chan 118

RADAR REQUIRED

MSA IAH 25 NM
195°
2400
3100
050°

ELEV 97
D
TDZE 97
9000 X 150
9402 X 150
10000 X 150
8R 26R 8L 26L 15L 15R 9L 27R 33L 33R
129± 193 142 259 189 422 207 125 247 133 203 196 172

600
3000
IAH
R-344
116.6
PEPBI INT
IAH 20
OWELL I-OND 7.4 RADAR
CHUBS INT I-OND 11.1
RAIDS INT I-OND 17.6
NEWLY INT I-OND 23.3
ZAPPO INT I-OND 28.3

DH (RA 101)
2000
IM
97 MSL
2000*
3000*
267° 3000
3000
GS 3.00°
TCH 59
When assigned by ATC, intercept glidepath at 2000 or 3000.

1140' 807' 5.6 NM 3.8 NM 6.4 NM 5.7 NM 5 NM

CATEGORY	A	B	C	D
S-ILS-26R	RA 101/12 100 DA 197			

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-5461 (FAA)

LOC/DME I-OND	APP CRS	Rwy Idg	9000
111.55	267°	TDZE	97
Chan 52 (Y)		Apt Elev	97

HOUSTON/
GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 26R(CAT III)

Simultaneous approach authorized with Rwy 26L and 27. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 600, then climbing right turn to 3000 via IAH R-344 to PEPBI INT/IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

MISSED APCH FIX
R-344
PEPBI INT
IAH 20
164°
344°
115.9 TNV
Chan 106
R-082
116.6 IAH
Chan 113

ALTERNATE MISSED APCH FIX
R-344
PEPBI INT
HUB 38.4
164°
344°
115.9 TNV
Chan 106
R-082
117.1 HUB
Chan 118

RADAR REQUIRED
10 NM

629
OWELL
I-OND 7.4
RADAR

CHUBS INT
I-OND 11.1

RAIDS INT
I-OND 17.6

NEWLY INT
I-OND 23.3

ZAPPO INT
I-OND 28.3

(IAF)

IAH and HUB R-344
320
281
210
IM
214±
270
303
396
530
659
208±
230
368
646
255±
557
2000
267°
(3.8)
*2000
267°
(6.4)
*3000
267°
(5.7)
3000
267°
(5)
087°
R-227
R-215
116.9 DAS
Chan 116
R-013
R-027
R-344

HUMBLE
116.6 IAH
Chan 113

LOCALIZER 111.55
I-OND
Chan 52 (Y)

117.1 HUB
Chan 118

MSA IAH 25 NM
195°
2400
3100
050°

ELEV 97
D
TDZE
97
9000 X 150
9402 X 150
10000 X 150
8R
26R
8L
26L
15L
15R
33L
33R
27
129±
193
142
259
189
422
207
125
247
133
203
196
172

600	3000	PEPBI INT	OWELL I-OND 7.4 RADAR	CHUBS INT I-OND 11.1	RAIDS INT I-OND 17.6	NEWLY INT I-OND 23.3	ZAPPO INT I-OND 28.3
	IAH R-344 116.6	IAH 20					

2000
2000*
3000*
267° 3000
3000
97 MSL
IM
GS 3.00°
TCH 59
When assigned by ATC, intercept glidepath at 2000 or 3000.

1140' | 780' | 5.6 NM | 3.8 NM | 6.4 NM | 5.7 NM | 5 NM

CATEGORY	A	B	C	D
S-ILS-26R	CAT IIIa	RVR 07		
S-ILS-26R	CAT IIIb	RVR 06		
S-ILS-26R	CAT IIIc	NA		

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-GHI	APP CRS	Rwy Idg / TDZE / Apt Elev	HOUSTON/
110.9 Chan 46	267°	10000 / 88 / 97	GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 27 (CAT II)

Simultaneous approach authorized with runway 26L/R.

ALSF-2

MISSED APPROACH: Climb to 520, then climbing left turn to 3000 via IAH R-215 to TICOY INT/ IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 110.9 I-GHI Chan 46

10 NM

DAISETTA 116.9 DAS Chan 116

(IF) DENTO INT I-GHI 16.2

(IAF) SILLS INT I-GHI 27

TRANN INT I-GHI 22

FESTA INT I-GHI 10

REDOC INT I-GHI 6

IM

HUMBLE 116.6 IAH Chan 113

HOBBY 117.1 HUB Chan 118

R-003 R-014 R-029 R-223 R-210 R-215

MSA IAH 25 NM 195° 2400 3100 050° 087°

MISSED APCH FIX TICOY INT IAH 20 116.6 IAH Chan 113 R-215 R-274 117.1 HUB Chan 118 035° 215° R-215

ALTERNATE MISSED APCH FIX TICOY R-274 117.1 HUB Chan 118 035° 215° SGR 388 215°

ELEV 97

9000 X 150 26R

9402 X 150 8R-26L

10000 X 150 15L-33R

9999 X 150 15R-33L

* When assigned by ATC, intercept glidepath at 2000 or 4000.

VGSI and ILS glidepath not coincident.

520 3000 IAH R-215 116.6 TICOY INT IAH 20

REDOC INT I-GHI 6 FESTA INT I-GHI 10 DENTO INT I-GHI 16.2 TRANN INT I-GHI 22 SILLS INT I-GHI 27

DA RA 101 1500 2000* 4000* 267° 5000 5000

GS 3.00° TCH 55

88 MSL

1035' 901' 4.1 NM 3.9 NM 6.3 NM 5.7 NM 5 NM

CATEGORY	A	B	C	D
S-ILS-27	RA 101/12 100 DA 188			

267° 4.2 NM from FAF

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-GHI	APP CRS	Rwy Idg / TDZE / Apt Elev	HOUSTON/
110.9 Chan 46	267°	10000 / 88 / 97	GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

ILS RWY 27 (CAT III)

Simultaneous approach authorized with runway 26L/R.

ALSF-2

MISSED APPROACH: Climb to 520, then climbing left turn to 3000 via IAH R-215 to TICOY INT/ IAH 20 DME and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

LOCALIZER 110.9 I-GHI Chan 46

10 NM

REDOC INT I-GHI 6

FESTA INT I-GHI 10

(IF) DENTO INT I-GHI 16.2

TRANN INT I-GHI 22

(IAF) SILLS INT I-GHI 27

DAISETTA 116.9 DAS Chan 116

267° (3.9) 267° (6.3) 267° (5.7) 267° (5)

*2000 *4000 5000

IM

HUMBLE 116.6 IAH Chan 113

HOBBY 117.1 HUB Chan 118

R-003 R-014 R-029 R-215 R-223 R-210

MSA IAH 25 NM 195° 2400 3100 050°

MISSED APCH FIX

TICOY INT IAH 20

116.6 IAH R-215 Chan 113

R-274 117.1 HUB Chan 118

035° 215° R-215

ALTERNATE MISSED APCH FIX

TICOY

R-274 117.1 HUB Chan 118

SGR 388 215° 035° 215°

ELEV 97

9000 X 150 26R

9402 X 150 8R-26L

10000 X 150 27

TDZE 88

520 | 3000 IAH R-215 116.6 | TICOY INT IAH 20

VGSI and ILS glidepath not coincident.

* When assigned by ATC, intercept glidepath at 2000 or 4000.

DENTO INT TRANN INT SILLS INT

REDOC INT I-GHI 6 FESTA INT I-GHI 10 I-GHI 16.2 I-GHI 22 I-GHI 27

88 MSL IM 185 1500 1500 267° 2000* 4000* 267° 5000 5000

GS 3.00° TCH 55

1035' 901 4.1 NM 3.9 NM 6.3 NM 5.7 NM 5 NM

267° 4.2 NM from FAF

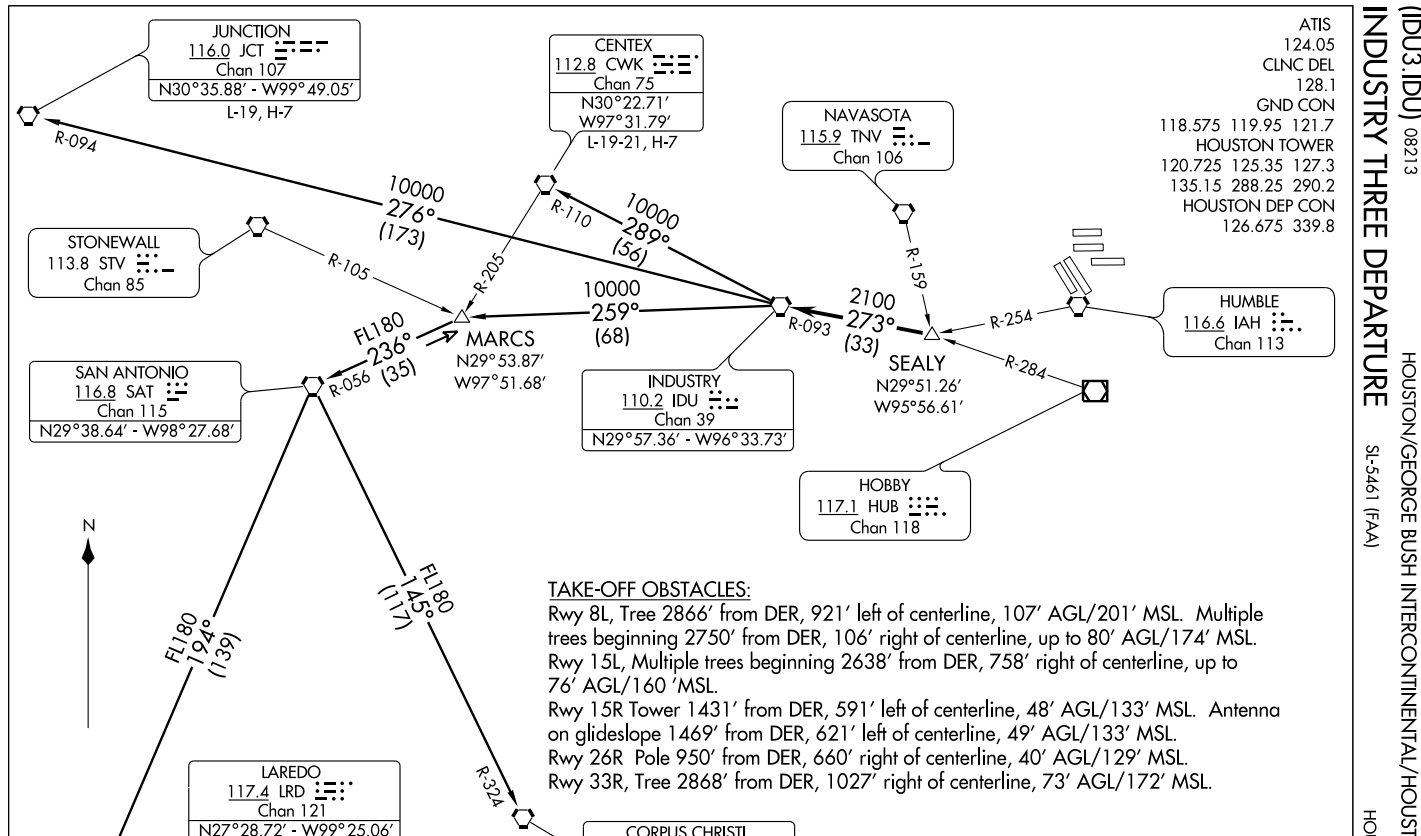
CATEGORY	A	B	C	D
S-ILS-27	CAT IIIa	RVR 07		
S-ILS-27	CAT IIIb	RVR 06		
S-ILS-27	CAT IIIc	NA		

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-5, 17 DEC 2009 to 14 JAN 2010


ATIS
124.05
CLNC DEL
128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
126.675 339.8
JUNCTION
116.0 JCT
Chan 107
N30°35.88' - W99°49.05'
L-19, H-7
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
L-19-21, H-7
NAVASOTA
115.9 TNV
Chan 106
STONEWALL
113.8 STV
Chan 85
HUMBLE
116.6 IAH
Chan 113
SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64' - W98°27.68'
MARCS
N29°53.87'
W97°51.68'
INDUSTRY
110.2 IDU
Chan 39
N29°57.36' - W96°33.73'
SEALY
N29°51.26'
W95°56.61'
HOBBY
117.1 HUB
Chan 118
LAREDO
117.4 LRD
Chan 121
N27°28.72' - W99°25.06'
L-20, H-7
CORPUS CHRISTI
115.5 CRP
Chan 102
N27°54.23' - W97°26.69'
L-20-21, H-7
R-094
10000
276°
(173)
R-110
10000
289°
(56)
R-105
R-205
10000
259°
(68)
R-093
2100
273°
(33)
R-159
R-254
R-284
FL180
236°
(35)
R-056
FL180
194°
(139)
FL180
145°
(117)
R-012
R-324
N
TAKE-OFF OBSTACLES:
Rwy 8L, Tree 2866' from DER, 921' left of centerline, 107' AGL/201' MSL. Multiple trees beginning 2750' from DER, 106' right of centerline, up to 80' AGL/174' MSL.
Rwy 15L, Multiple trees beginning 2638' from DER, 758' right of centerline, up to 76' AGL/160 'MSL.
Rwy 15R Tower 1431' from DER, 591' left of centerline, 48' AGL/133' MSL. Antenna on glideslope 1469' from DER, 621' left of centerline, 49' AGL/133' MSL.
Rwy 26R Pole 950' from DER, 660' right of centerline, 40' AGL/129' MSL.
Rwy 33R, Tree 2868' from DER, 1027' right of centerline, 73' AGL/172' MSL.
TAKE-OFF MINIMUMS:
All rwys, standard.
NOTE: Radar Required.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to SEALY INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

JUNCTION SIX DEPARTURE

SL-5461 (FAA)

HOUSTON, TEXAS

ATIS 124.05
CLNC DEL 128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
126.675 339.8

TAKE-OFF OBSTACLES:

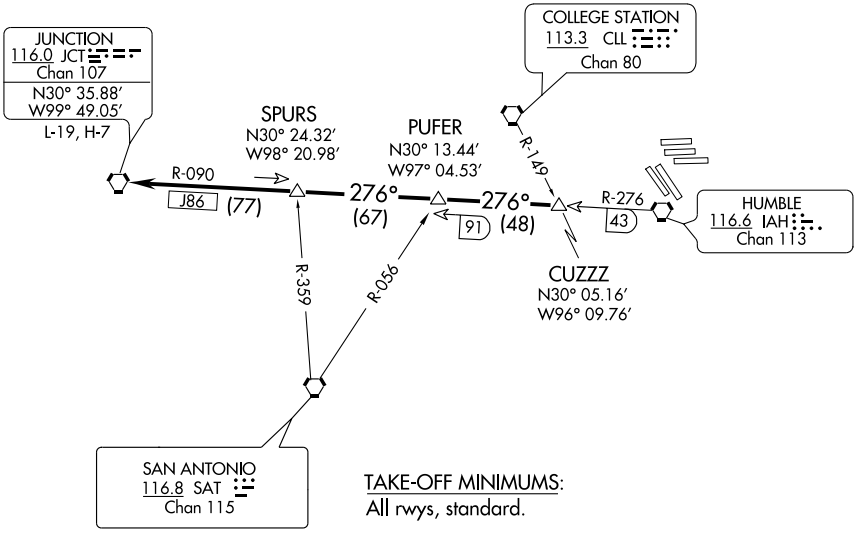
Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.

Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.

Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.

Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.

Rwy 33R, tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.



TAKE-OFF MINIMUMS:
All rwys, standard.

NOTE: RADAR REQUIRED.

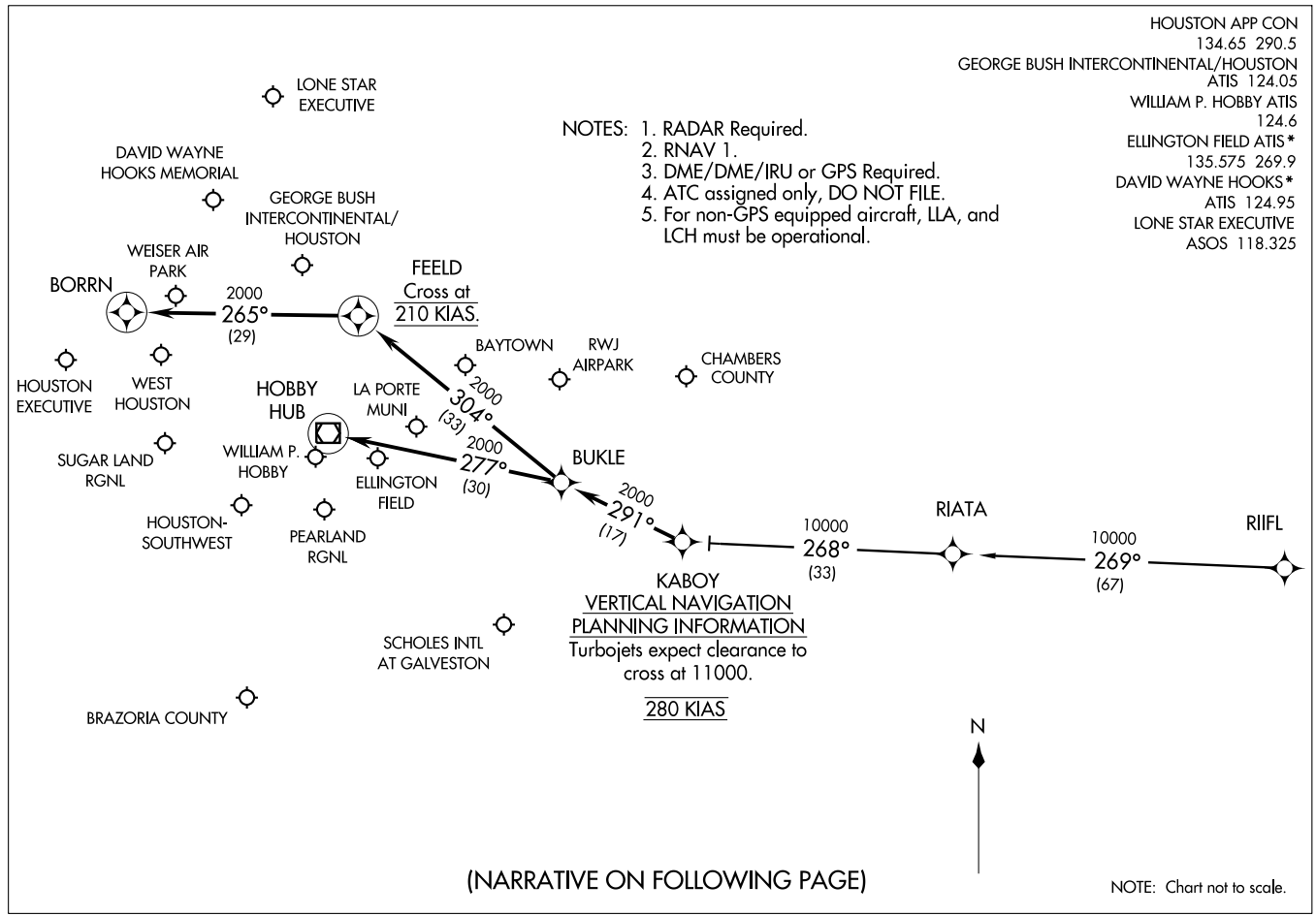
NOTE: For aircraft overflying JCT VORTAC via J86 filing FL240 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to CUZZZ INT, maintain 4,000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-276 and JCT R-090 to JCT VORTAC.


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

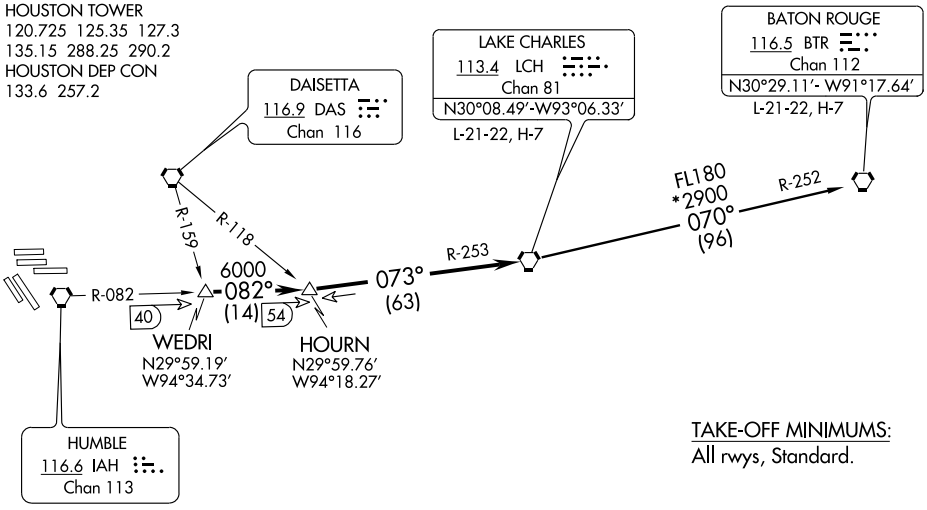
DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LAKE CHARLES ONE DEPARTURE SL-5461 (FAA)

ATIS 124.05
CLNC DEL 128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
133.6 257.2



TAKE-OFF MINIMUMS:
All rwys, Standard.

NOTE: Radar Required

NOTE: Chart not to scale.

TAKE-OFF OBSTACLES

Rwy 8L, Tree 2866' from DER, 921' left of centerline, 107' AGL/201' MSL. Multiple trees beginning 2750' from DER, 106' right of centerline, up to 80' AGL/174' MSL.
Rwy 15L, Multiple trees beginning 2638' from DER, 758' right of centerline, up to 76' AGL/160' MSL.
Rwy 15R, Tower 1431' from DER, 591' left of centerline, 48' AGL/133' MSL. Antenna on glideslope 1469' from DER, 621' left of centerline, 49' AGL/133' MSL.
Rwy 26R, Pole 950' from DER, 660' right of centerline, 40' AGL/129' MSL.
Rwy 33R, tree 2868' from DER, 1027' right of centerline, 73' AGL/172' MSL.

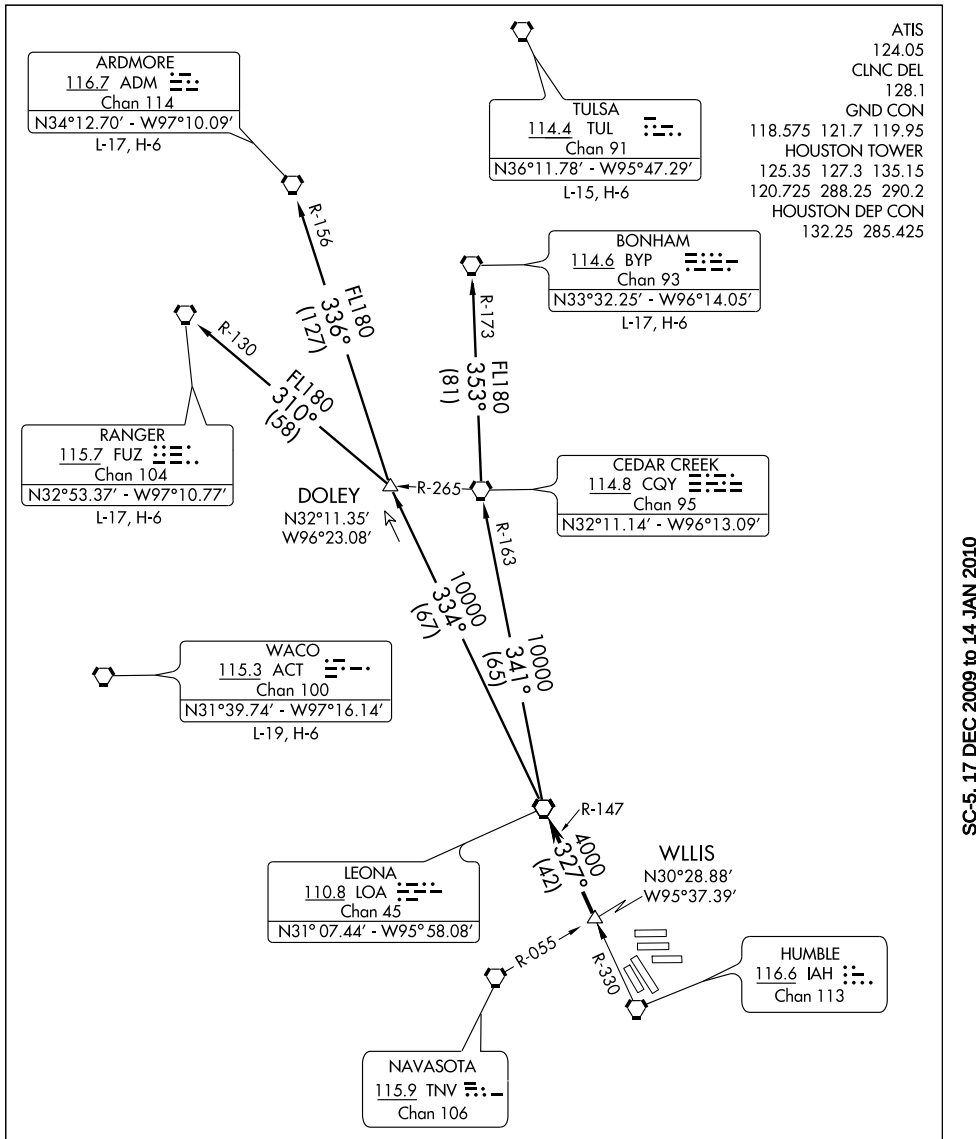
DEPARTURE ROUTE DESCRIPTION

Expect vectors to WEDRI INT, maintain 4000, expect filed altitude 10 minutes after departure.
Thence . . . .

. . . . via IAH R-082 to HOURN INT, then via LCH R-253 to LCH VORTAC.

BATON ROUGE TRANSITION (LCH1.BTR): From over LCH VORTAC via LCH R-070 and BTR R-252 to BTR VORTAC.

LEONA SIX DEPARTURE



TAKE-OFF MINIMUMS:

Rwy 8L/R, 9, 15L/R, 26L/R, 27, 33L/R standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Expect vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

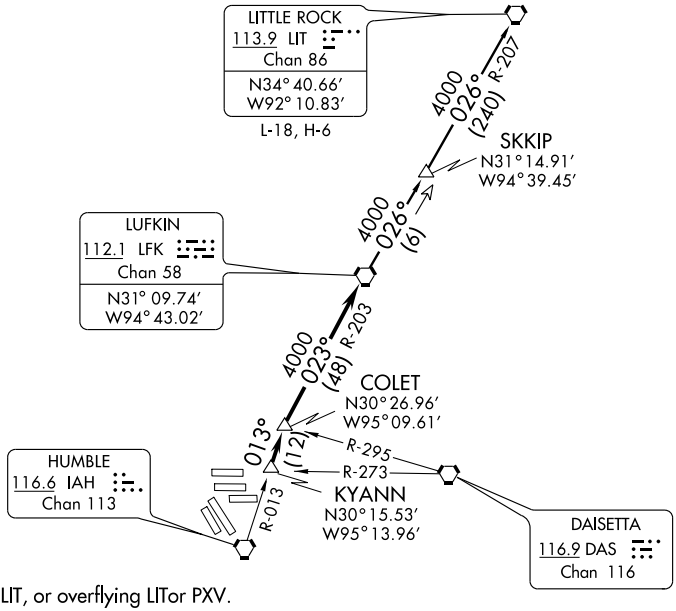
TAKE-OFF OBSTACLES

Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

ATIS
124.05
CLNC DEL
128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
132.25 285.425



TAKE-OFF MINIMUMS:
All Rwys, standard.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LITor PXV.

TAKE-OFF OBSTACLES:

Rwy 8L, Tree 2866′ from departure end of runway, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple Trees beginning 2750′ from departure end of runway, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple Trees 2638′ from departure end of runway, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from depature end of runway, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from departure end of runway, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from departure end of runway, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from departure end of runway, 1027′ right of centerline, 73′ AGL/172′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

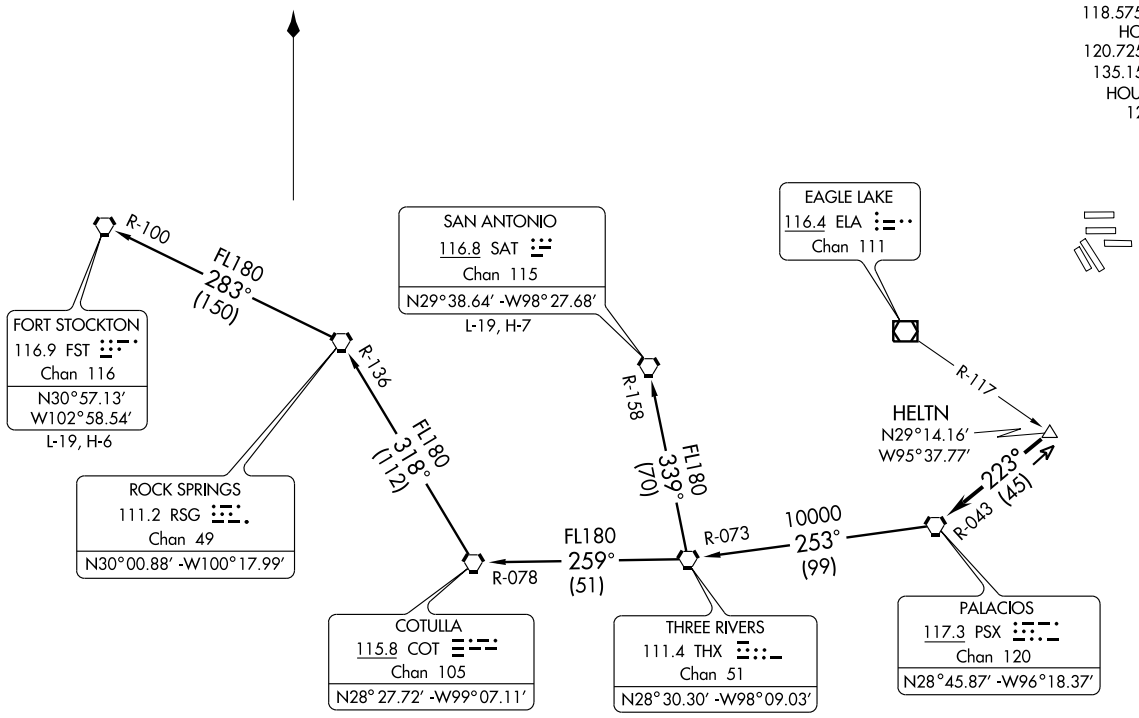
Expect vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

ATIS 124.05
CLNC DEL
128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
127.125 269.075



TAKE-OFF MINIMUMS:
All runways standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

Expect vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

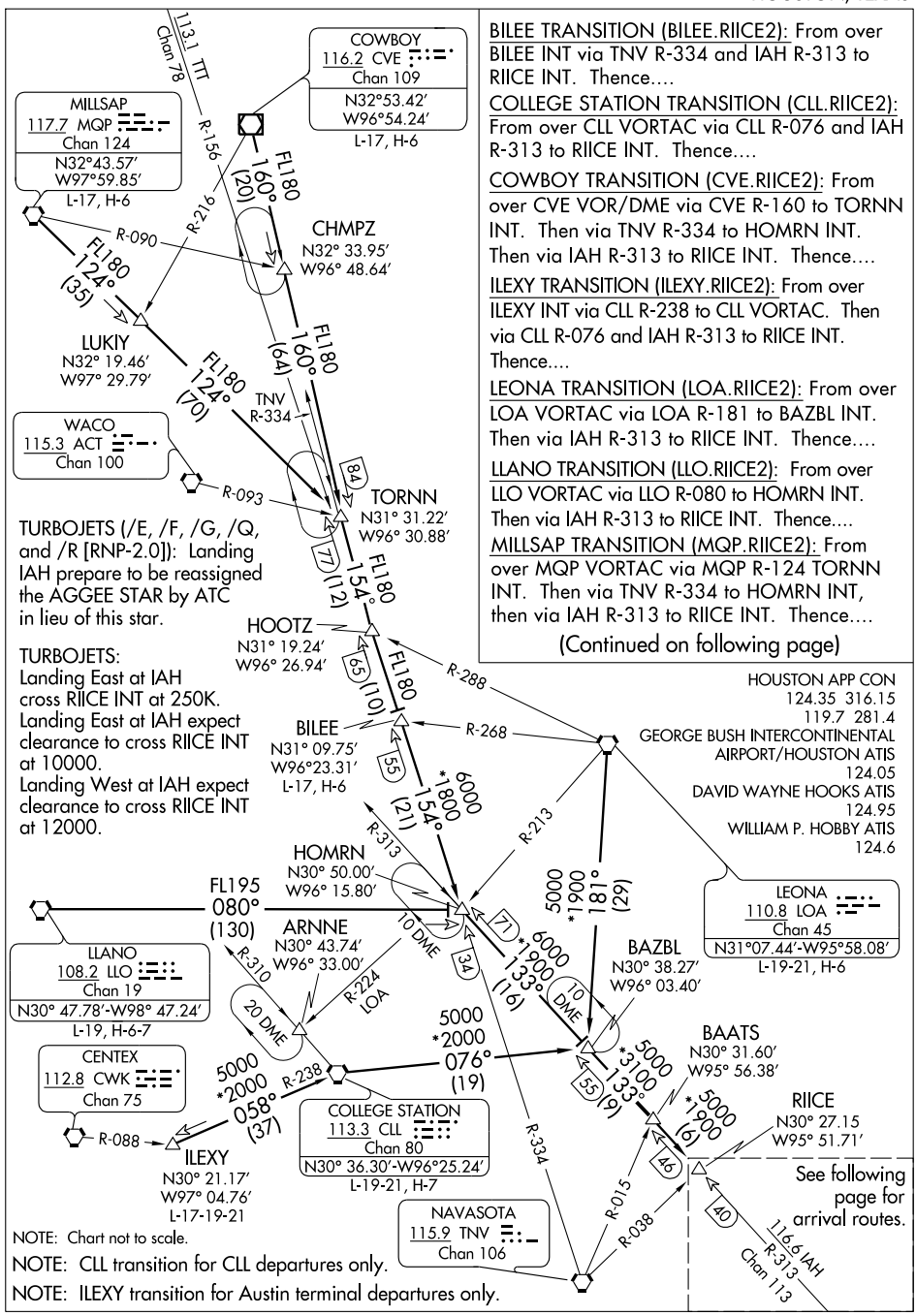
TAKE-OFF OBSTACLES:

Rwy 8L, Tree 2866' from DER, 921' left of centerline, 107' AGL/201' MSL.
Multiple trees beginning 2750' from DER, 106' right of centerline, up to 80' AGL/174' MSL.
Rwy 15L, Multiple trees beginning 2638' from DER, 758' right of centerline, up to 76' AGL/160'MSL.
Rwy 15R, Tower 1431' from DER, 591' left of centerline, 48' AGL/133' MSL.
Antenna on glideslope 1469' from DER, 621' left of centerline, 49' AGL/133' MSL.
Rwy 26R, Pole 950' from DER, 660' right of centerline, 40' AGL/129' MSL.
Rwy 33R, Tree 2868' from DER, 1027' right of centerline, 73' AGL/172' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

RIICE TWO ARRIVAL Transition Routes

HOUSTON, TEXAS



BILEE TRANSITION (BILEE.RIICE2): From over BILEE INT via TNV R-334 and IAH R-313 to RIICE INT. Thence....

COLLEGE STATION TRANSITION (CLL.RIICE2): From over CLL VORTAC via CLL R-076 and IAH R-313 to RIICE INT. Thence....

COWBOY TRANSITION (CVE.RIICE2): From over CVE VOR/DME via CVE R-160 to TORNN INT. Then via TNV R-334 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

ILEXY TRANSITION (ILEXY.RIICE2): From over ILEXY INT via CLL R-238 to CLL VORTAC. Then via CLL R-076 and IAH R-313 to RIICE INT. Thence....

LEONA TRANSITION (LOA.RIICE2): From over LOA VORTAC via LOA R-181 to BAZBL INT. Then via IAH R-313 to RIICE INT. Thence....

LLANO TRANSITION (LLO.RIICE2): From over LLO VORTAC via LLO R-080 to HOMRN INT. Then via IAH R-313 to RIICE INT. Thence....

MILLSAP TRANSITION (MQP.RIICE2): From over MQP VORTAC via MQP R-124 TORNN INT. Then via TNV R-334 to HOMRN INT, then via IAH R-313 to RIICE INT. Thence....

(Continued on following page)

NOTE: Chart not to scale.

NOTE: CLL transition for CLL departures only.

NOTE: ILEXY transition for Austin terminal departures only.

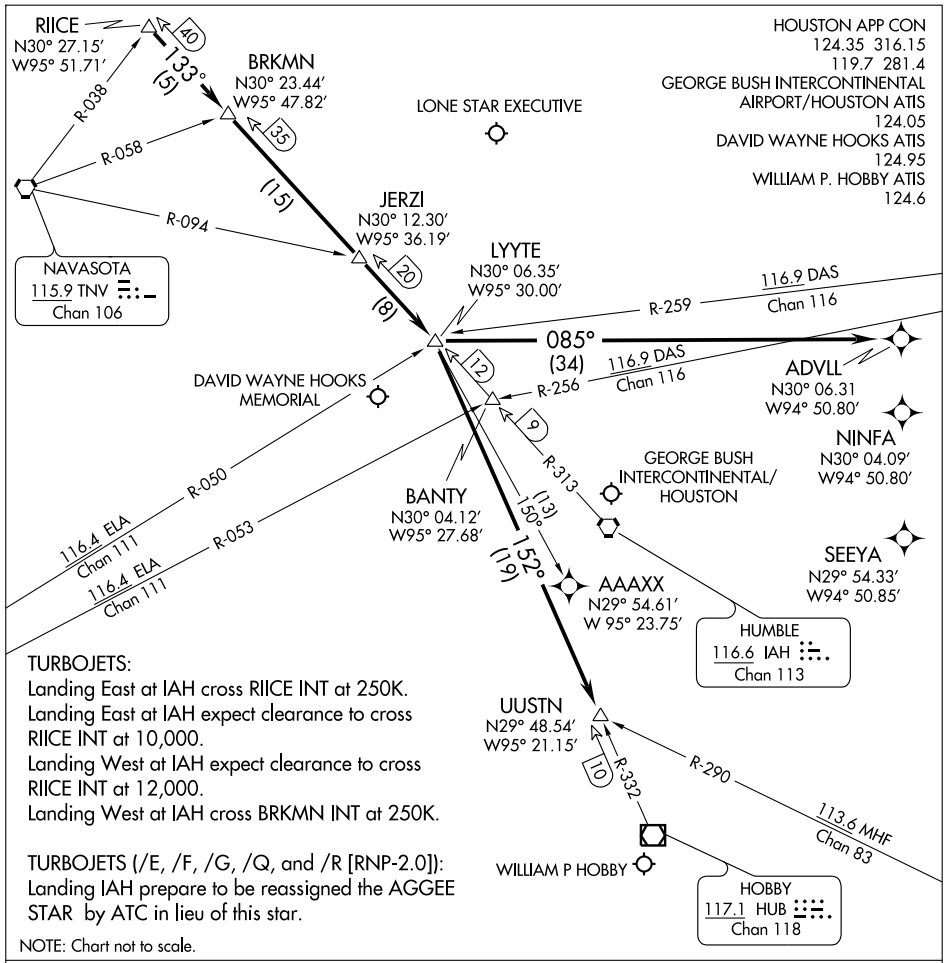
SC-5, 17 DEC 2009 to 14 JAN 2010

(RIICE.RIICE2) 08213

ST-5461 (FAA)

RIICE TWO ARRIVAL Arrival Routes

HOUSTON, TEXAS



TURBOJETS:
Landing East at IAH cross RIICE INT at 250K.
Landing East at IAH expect clearance to cross RIICE INT at 10,000.
Landing West at IAH expect clearance to cross RIICE INT at 12,000.
Landing West at IAH cross BRKMN INT at 250K.

TURBOJETS (/E, /F, /G, /Q, and /R [RNP-2.0]):
Landing IAH prepare to be reassigned the AGGEE STAR by ATC in lieu of this star.

NOTE: Chart not to scale.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
....From over RIICE INT via IAH R-313 to LYYTE INT. Landing Runway 26L/26R or 27; fly heading 085° for vectors to final approach course. For /E, /F, /G, /Q and /R (RNP-2.0), equipped aircraft from LYYTE INT direct ADVLL WP, expect vectors to final approach course prior to ADVLL WP; if not received by ADVLL WP, fly present heading.

WILLIAM P. HOBBY (HOU) (ATC ASSIGNED):
....From over RIICE INT via IAH R-313 to LYYTE INT, then via HUB R-332 to UUSTN INT, expect vectors to final approach course at or prior to UUSTN INT.

DAVID WAYNE HOOKS MEMORIAL (DWH) and LONE STAR EXCUTIVE (CXO):
....From over RIICE INT via IAH R-313 to LYYTE INT, expect vectors to final approach course at or prior to LYYTE INT.

ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to LYYTE INT.

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	9999
Ch 97599	147°	TDZE	97
W15A		Apt Elev	97

RNAV (GPS) RWY 15R

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

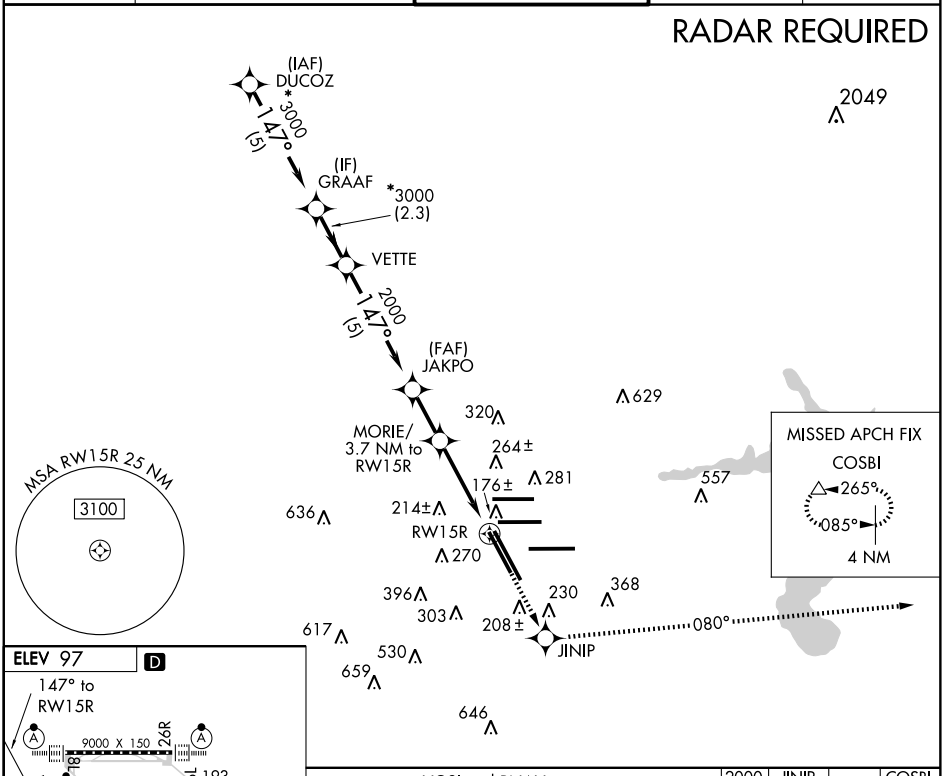
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). For inoperative MALSR, increase LPV visibility to RVR 4000 all Cats, LNAV/VNAV Cat E visibility to RVR 6000, and LNAV Cat E visibility to 1¾.

MALSR

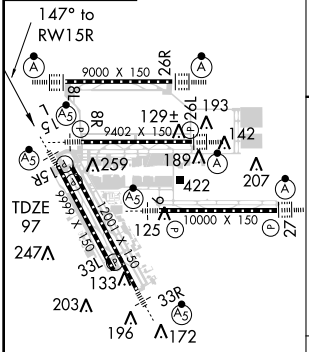
MISSED APPROACH: Climb to 2000 direct JINIP and left turn via 080° track to COSBI and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

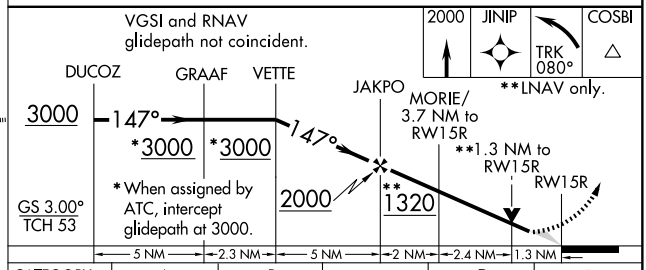
RADAR REQUIRED



ELEV 97 D



TDZ/CL Rwys 8R, 15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27
15L-33R and 15R-33L



CATEGORY	A	B	C	D	E
LPV DA	347/24 250 (300-½)				
LNAV/VNAV DA	463/40 366 (400-¾)				
LNAV MDA	580/24 483 (500-½)		580/40 483 (500-¾)	580/50 483 (500-1)	580/60 483 (500-1¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS AL-5461 (FAA)

WAAS	APP CRS	Rwy 33R		Rwy 33L	
CH 57902	327°	Rwy Idg	12001	Rwy Idg	9999
W33A		TDZE	89	TDZE	91
		Apt Elev	97	Apt Elev	97

HOUSTON/ GEORGE BUSH

RNAV (GPS) RWY 33R

INTERCONTINENTAL/HOUSTON (IAH)

DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems LNAV/VNAV NA below -15°C (5°F) or above 48°C (119°F). For inoperative MALSR increase LPV all Cats visibility to RVR 6000, LNAV/VNAV Cat E visibility to 1½, and LNAV Cat E visibility to 1¾.

MALSR

MISSED APPROACH: Climb to 2000 direct NALIE and 331° track to GOMER and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

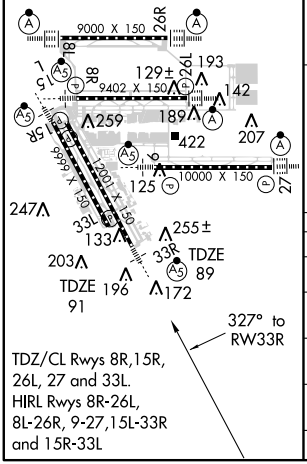
MISSED APCH FIX
079° 4 NM
259°
GOMER

Maximum holding airspeed 230 kias.

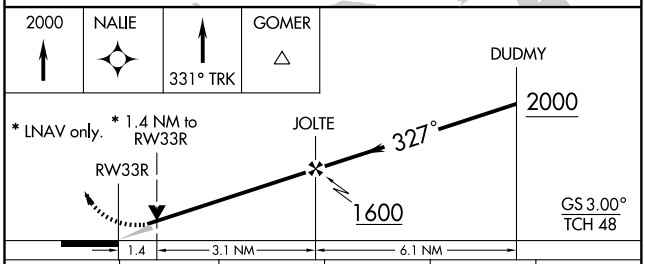
NALIE
320
629
210
281
203
224±
557
636
237
270
396
RW33R
396
208±
230
368
303
617
530
659
314±
(FAF)
JOLTE
646
1600
327°
(6.1)
(IF)
DUDMY
1049

MSA RW33R 25 NM
3100

ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L.
HIRL Rwys 8R-26L, 8L-26R, 9-27,15L-33R and 15R-33L



CATEGORY	A	B	C	D	E
LPV DA	451/40 362 (400-¾)				
LNAV/ VNAV DA	520/50 431 (500-1)				
LNAV MDA	580/24 491 (500-½)		580/40 491 (500-¾)	580/50 491 (500-1)	580/60 491 (500-1¼)
SIDESTEP 33L*	580-1 489 (500-1)		580-1½ 489 (500-1½)	580-2 489 (500-2)	
CIRCLING	NA				

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9000
085°	TDZE	96
	Apt Elev	97

RNAV (GPS) Z RWY 8L

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

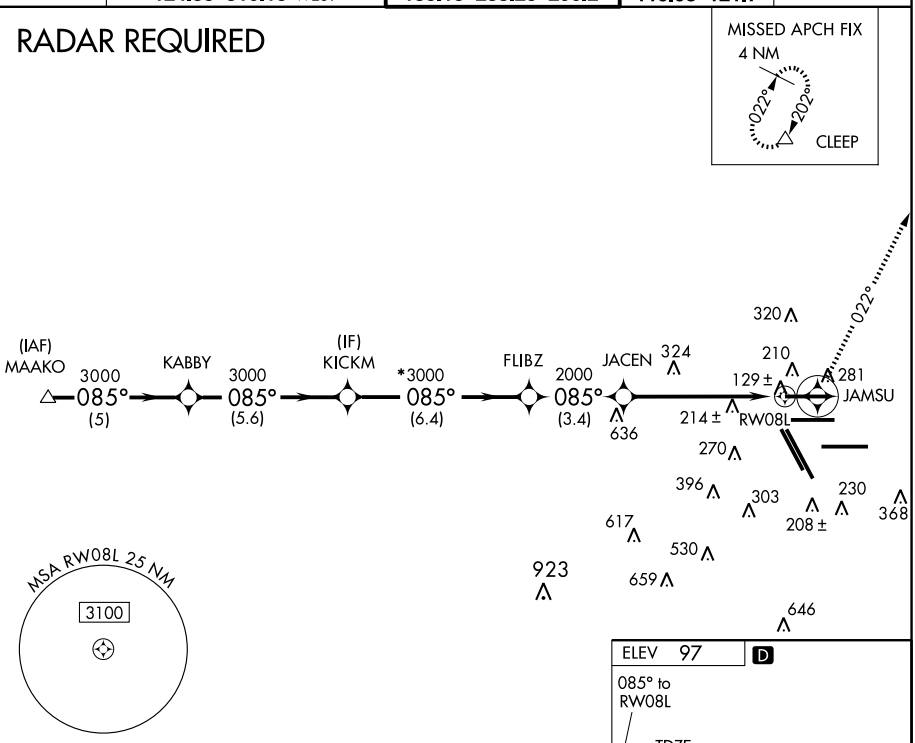
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LNAV/VNAV Cat E visibility to RVR 6000 and LNAV Cat E to 1¾.

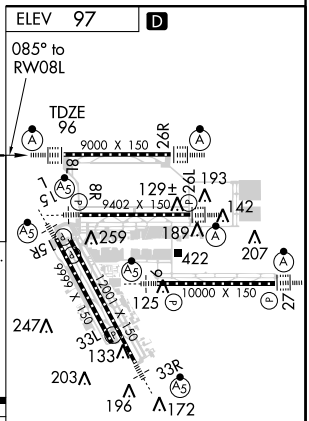
ALSF-2

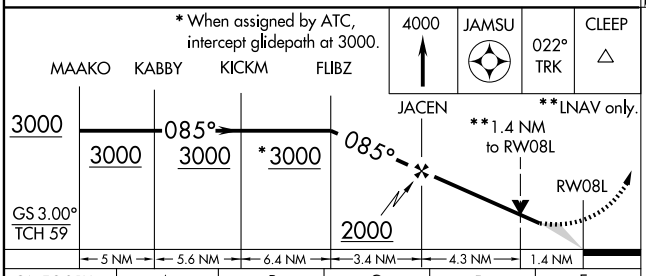
MISSED APPROACH: Climb to 4000 direct JAMSU and via 022° track to CLEEP and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED







CATEGORY	A	B	C	D	E
LNAV/VNAV DA	434/40 338 (400-¾)				
LNAV MDA	580/24 484 (500-½)		580/40 484 (500-¾)	580/50 484 (500-1)	580/60 484 (500-1¼)

TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9402
085°	TDZE	97
	Apt Elev	97

RNAV (GPS) Z RWY 8R

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP -0.3 NA. For inoperative MALSR, increase LNAV/VNAV Cat E visibility to 1½ miles, LNAV Cat D visibility to RVR 6000, and Cat E visibility to 1½ miles.

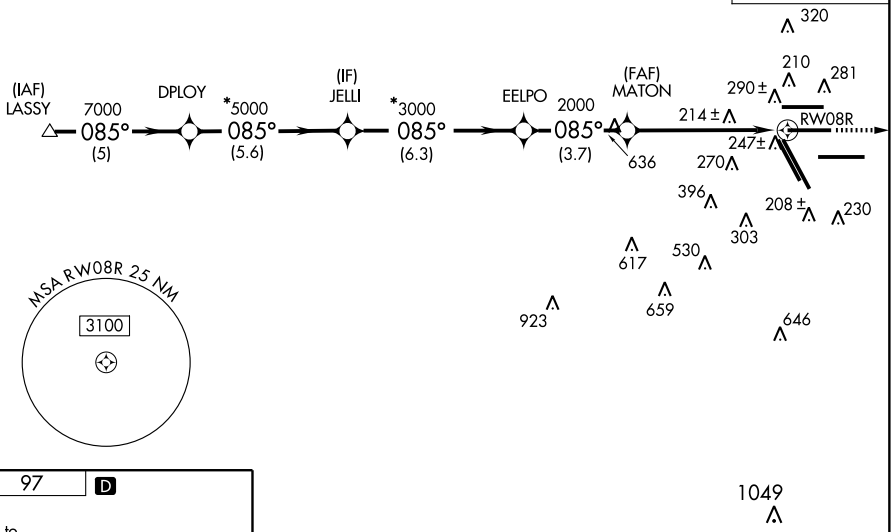
MALSR

MISSED APPROACH: Climb to 3000 direct MKAYE and hold.

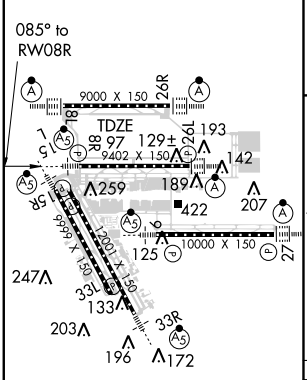
ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED

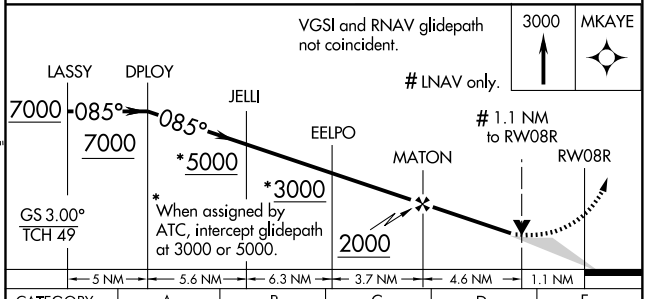
MISSED APCH FIX
4 NM
085°
265°
MKAYE



ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L



CATEGORY	A	B	C	D	E
LNAV/VNAV DA	544/50 447 (500-1)				
LNAV MDA	520/24 423 (500-½)		520/40 423 (500-¾)	520/50 423 (500-1)	

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	10000
085°	TDZE	92
	Apt Elev	97

RNAV (GPS) Z RWY 9

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

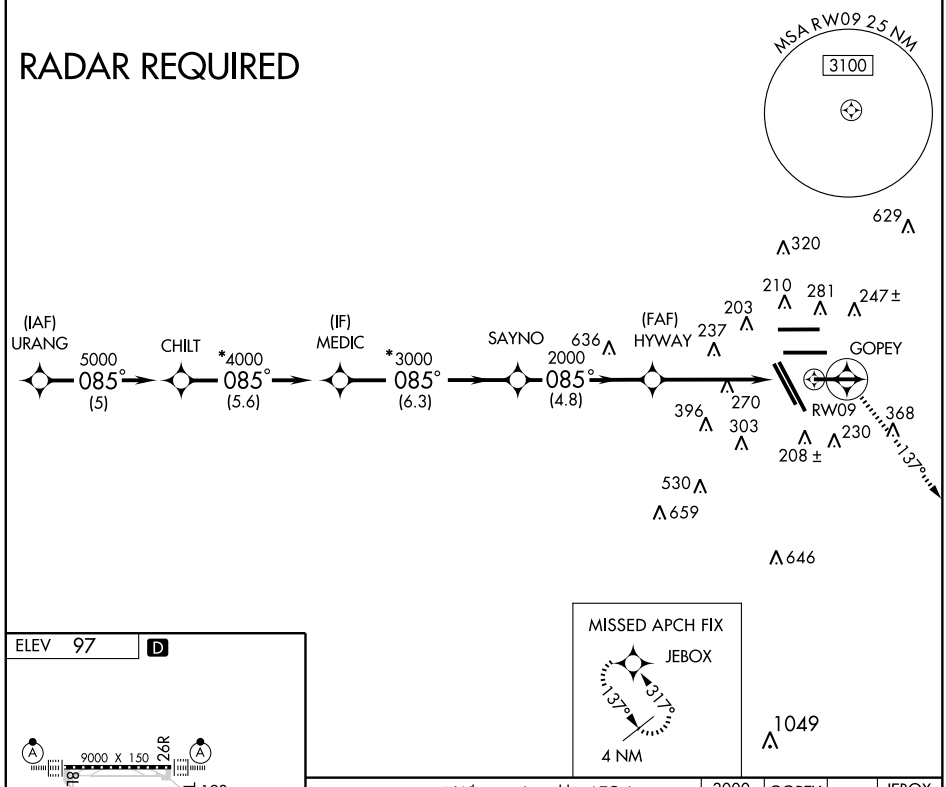
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. For inoperative MALSR increase LNAV/VNAV Cat E visibility to 1½ and LNAV Cat E visibility to 2.

MALSR

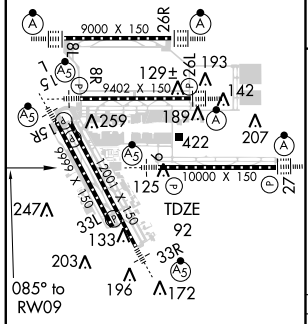
MISSED APPROACH: Climb to 3000 direct GOPEY and via 137° track to JEBOX and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

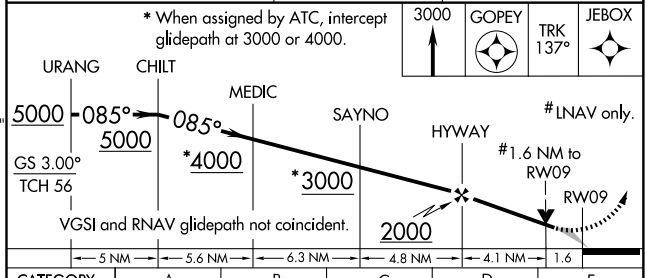
RADAR REQUIRED



ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L. HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L



CATEGORY	A	B	C	D	E
LNAV/VNAV DA	547/50 455 (500-1)				
LNAV MDA	680/24 588 (600-½)		680/50 588 (600-1)	680/60 588 (600-1¼)	680-1½ 588 (600-1½)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9402
265°	TDZE	97
	Apt Elev	97

RNAV (GPS) Z RWY 26L

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

For uncompensated Baro-VNAV sytems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. For inoperative ALSF, increase LNAV/VNAV Cat E visibility to 1¾ miles and LNAV Cat E visibility to 2 miles.

ALSF-2

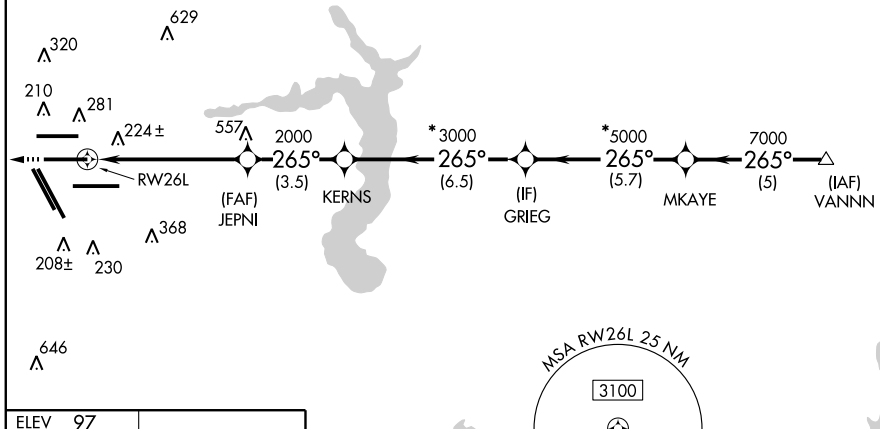
MISSED APPROACH: Climb to 3000 direct LUCEP and hold.

ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

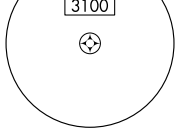
995

RADAR REQUIRED

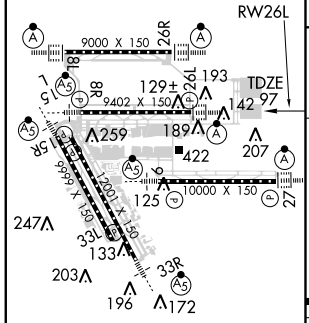
MISSED APCH FIX
LUCEP
085°
265°
4 NM



646



ELEV 97

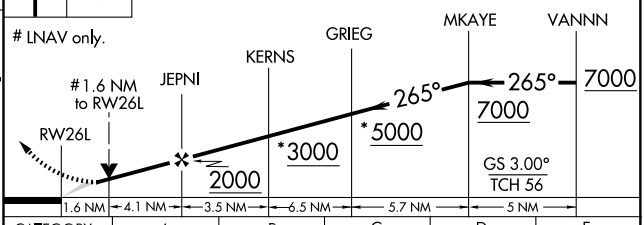


TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R,9-27, 15L-33R and 15R-33L

3000 LUCEP

*When assigned by ATC, intercept glidepath at 3000 or 5000.

VGSI and RNAV glidepath not coincident.



CATEGORY	A	B	C	D	E
LNAV/VNAV DA	580/60 483 (500-1¼)				
LNAV MDA	680/24 583 (600-½)		680/50 583 (600-1)	680/60 583 (600-1¼)	680-1½ 583 (600-1½)

APP CRS	Rwy Idg	9000
265°	TDZE	97
	Apt Elev	97

RNAV (GPS) Z RWY 26R

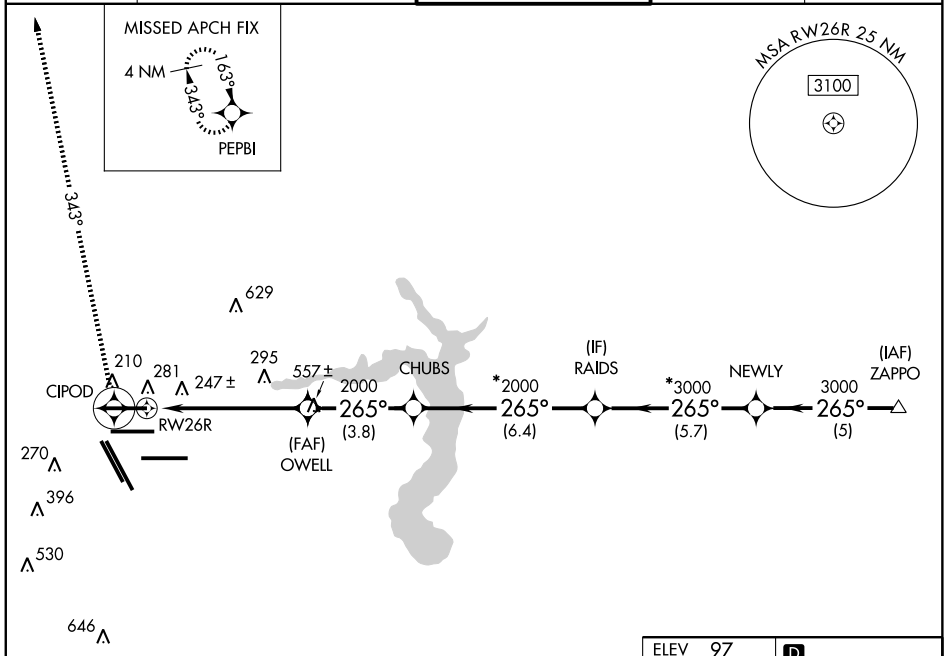
HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

For inoperative ALSF, increase LNAV/VNAV Cat E and LNAV Cat E visibility to 1¾ miles. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA.

ALSF-2

MISSED APPROACH: Climb to 3000 direct CIPOD and via 343° track to PEPBI and hold.

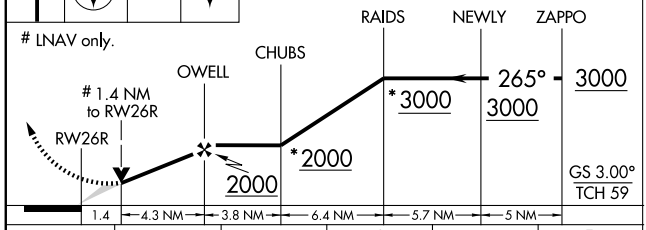
ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1



RADAR REQUIRED

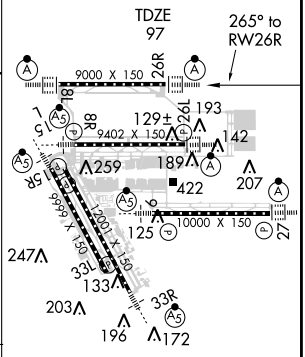
3000	CIPOD	343° TRK	PEPBI

* When assigned by ATC, intercept glidepath at 2000 or 3000.



CATEGORY	A	B	C	D	E
LNAV/VNAV DA	598/60 501 (600-1¼)				
LNAV MDA	600/24 503 (600-½)		600/50 503 (600-1)		600/60 503 (600-1¼)

ELEV 97 D



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R,9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	10000
265°	TDZE	88
	Apt Elev	97

RNAV (GPS) Z RWY 27

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)

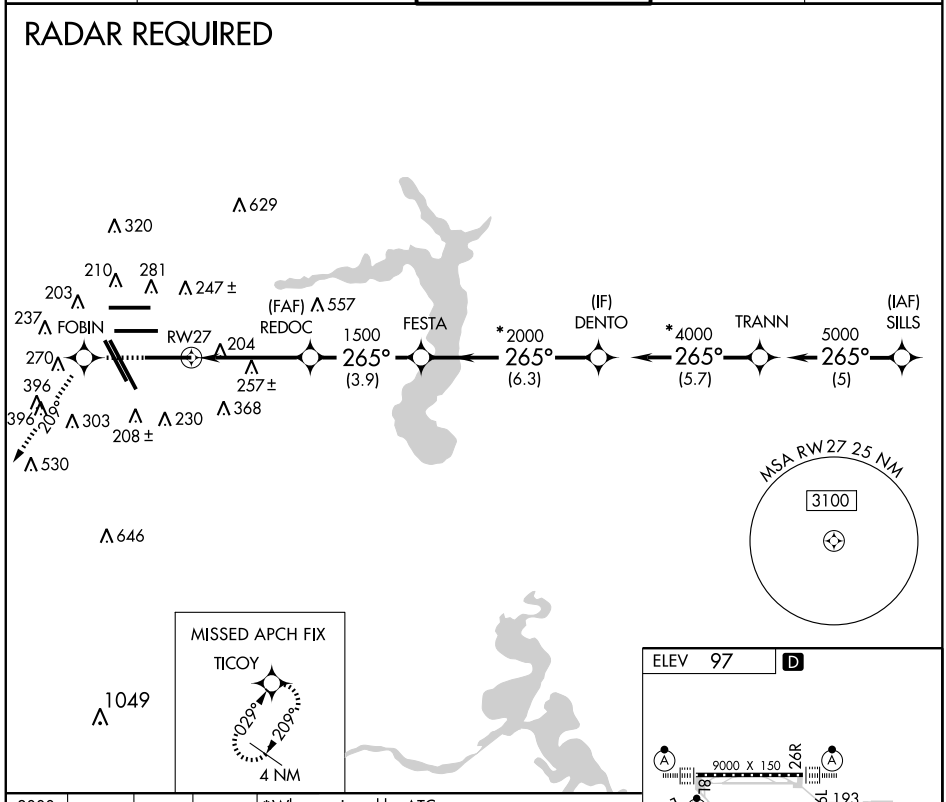
For inoperative ALSF, increase LNAV/VNAV and LNAV Cat E visibility to 1½. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA.

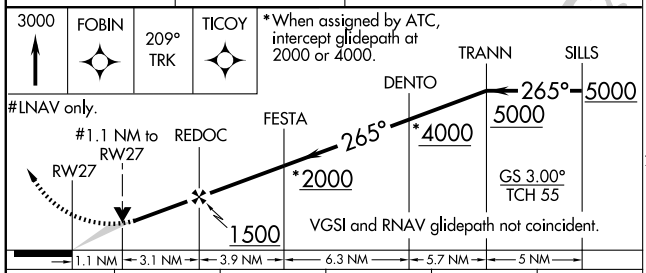
ALSF-2

MISSED APPROACH: Climb to 3000 direct FOBIN and via 209° track to TICOY and hold.

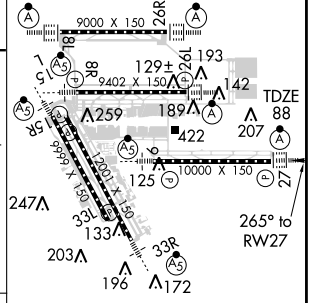
ATIS	HOUSTON APP CON	HOUSTON TOWER	GND CON	CLNC DEL
124.05	120.05 379.1 EAST 124.35 316.15 WEST	120.725 125.35 127.3 135.15 288.25 290.2	118.575 119.95 121.7	128.1

RADAR REQUIRED



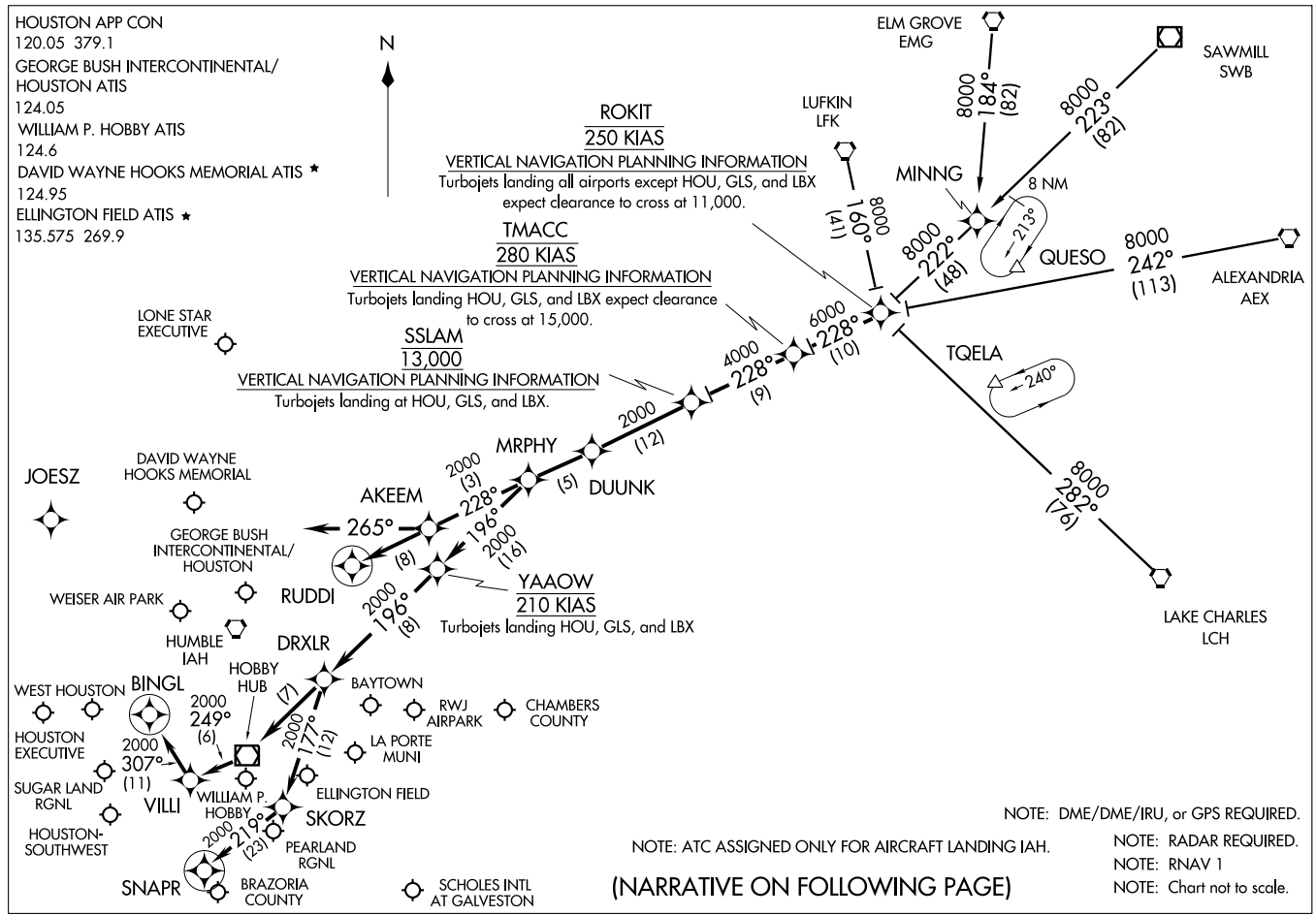


CATEGORY	A	B	C	D	E
LNAV/VNAV DA	540/50 452 (500-1)				
LNAV MDA	520/24 432 (500-½)		520/40 432 (500-¾)	520/50 432 (500-1)	



TDZ/CL Rwys 8R,15R, 26L, 27 and 33L
HIRL Rwys 8R-26L, 8L-26R, 9-27, 15L-33R and 15R-33L

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

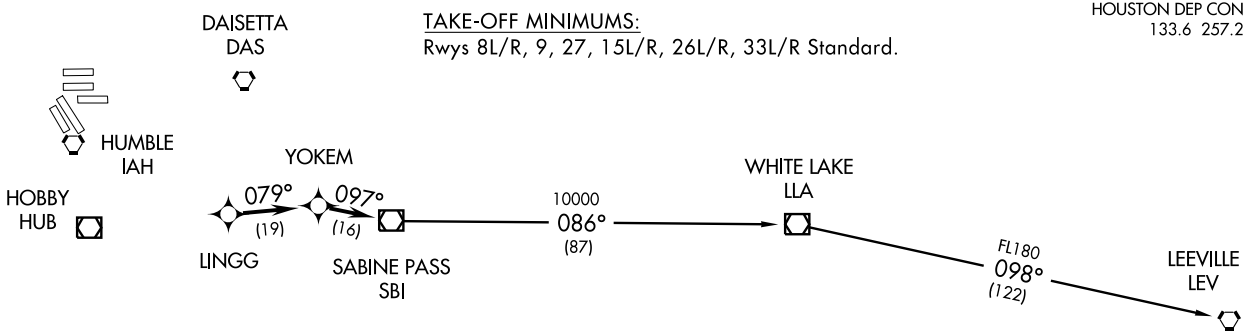
SC-5, 17 DEC 2009 to 14 JAN 2010

NOTE: Chart not to scale.

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ATIS
124.05
CLNC DEL
128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
133.6 257.2

TAKE-OFF MINIMUMS:
Rwys 8L/R, 9, 27, 15L/R, 26L/R, 33L/R Standard.



TAKE-OFF OBSTACLES:
Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL. Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower, 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL. Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′, right of centerline, 73′ AGL/172′ MSL.

DEPARTURE ROUTE DESCRIPTION

Expect vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBI) 09071

HOUSTON/GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)
HOUSTON, TEXAS

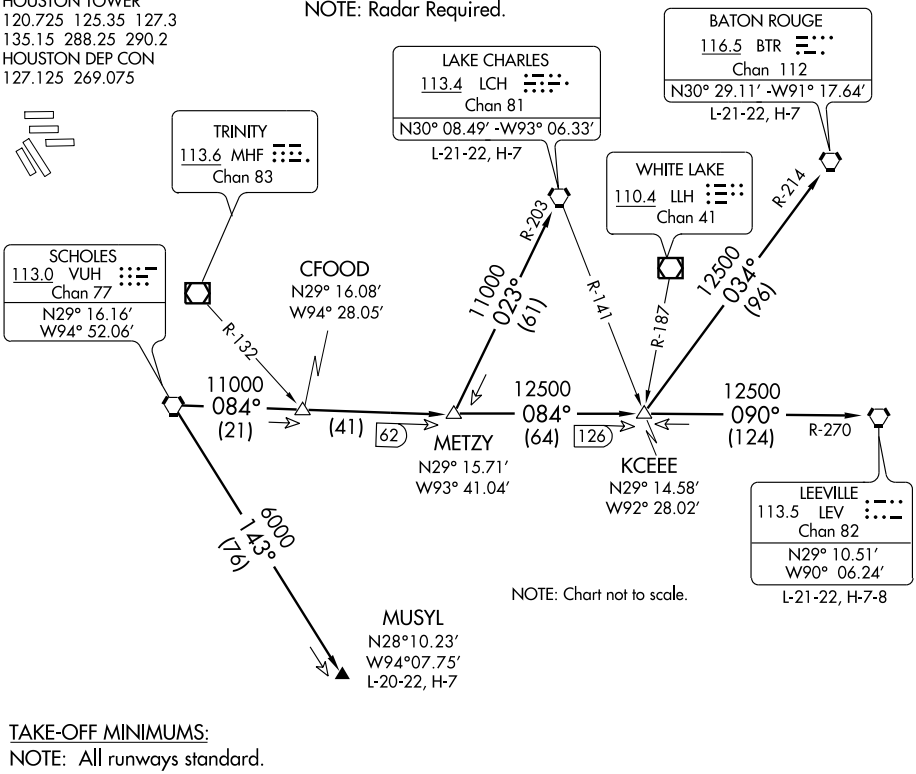
SI-5461 (FAA)

SCHOLES THREE DEPARTURE

SL-5461 (FAA) HOUSTON, TEXAS

ATIS 124.05
CLNC DEL 128.1
GND CON
118.575 119.95 121.7
HOUSTON TOWER
120.725 125.35 127.3
135.15 288.25 290.2
HOUSTON DEP CON
127.125 269.075

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
NOTE: All runways standard.

(TAKE-OFF OBSTACLES ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

Expect vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

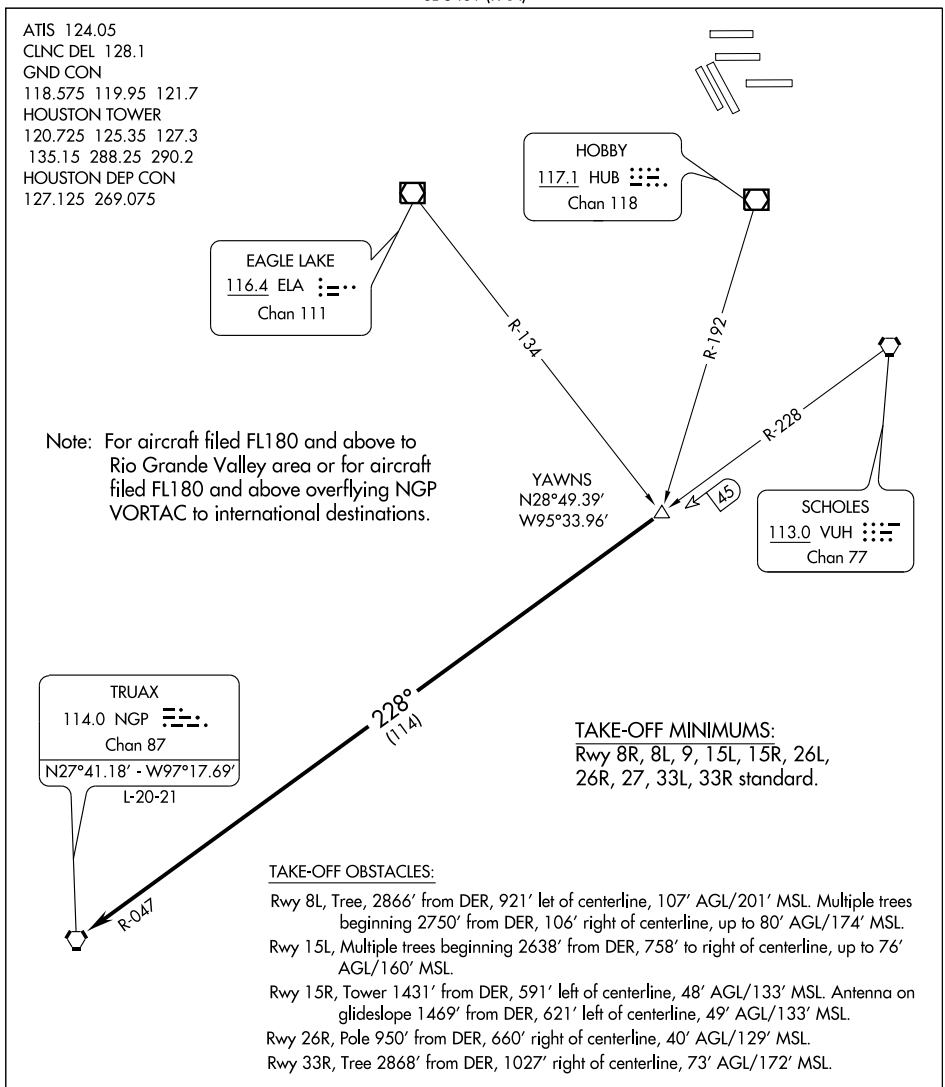
TAKE-OFF OBSTACLES:

Rwy 8L, Tree 2866′ from DER, 921′ left of centerline, 107′ AGL/201′ MSL.
Multiple trees beginning 2750′ from DER, 106′ right of centerline, up to 80′ AGL/174′ MSL.
Rwy 15L, Multiple trees beginning 2638′ from DER, 758′ right of centerline, up to 76′ AGL/160′ MSL.
Rwy 15R, Tower 1431′ from DER, 591′ left of centerline, 48′ AGL/133′ MSL.
Antenna on glideslope 1469′ from DER, 621′ left of centerline, 49′ AGL/133′ MSL.
Rwy 26R, Pole 950′ from DER, 660′ right of centerline, 40′ AGL/129′ MSL.
Rwy 33R, Tree 2868′ from DER, 1027′ right of centerline, 73′ AGL/172′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE

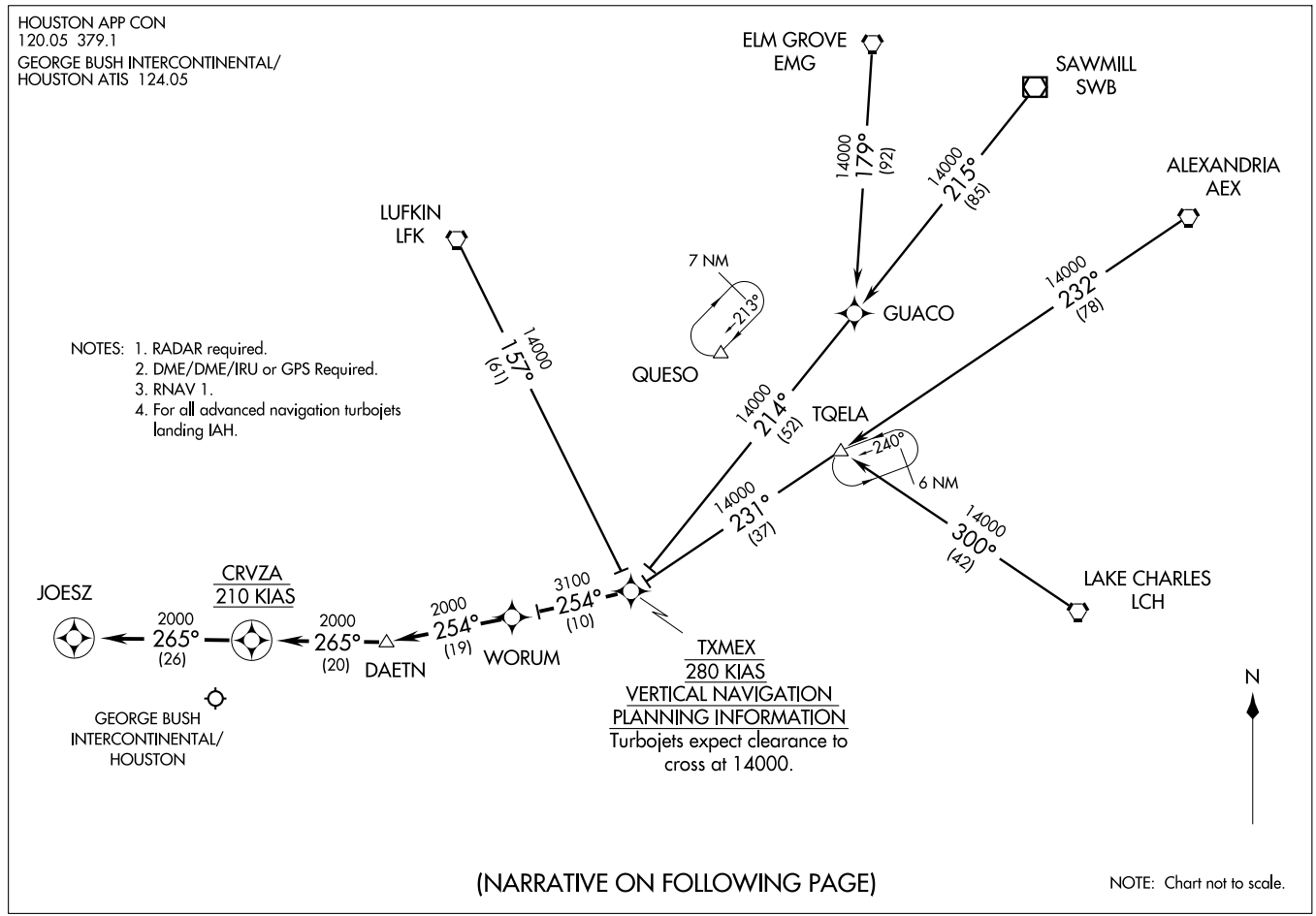
SL-5461 (FAA)



DEPARTURE ROUTE DESCRIPTION

Expect vectors to YAWNS INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence. . . .

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.


HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
ELM GROVE
EMG
SAWMILL
SWB
ALEXANDRIA
AEX
LUFKIN
LFK
14000
179°
(92)
14000
215°
(85)
14000
232°
(78)
14000
157°
(61)
7 NM
213°
QUESO
GUACO
14000
214°
(52)
TQELA
240°
6 NM
14000
231°
(37)
14000
300°
(42)
LAKE CHARLES
LCH
NOTES: 1. RADAR required.
2. DME/DME/IRU or GPS Required.
3. RNAV 1.
4. For all advanced navigation turbojets landing IAH.
JOESZ
CRVZA
210 KIAS
2000
265°
(26)
2000
265°
(20)
DAETN
2000
254°
(19)
WORUM
3100
254°
(10)
TXMEX
280 KIAS
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 14000.
GEORGE BUSH
INTERCONTINENTAL/
HOUSTON
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.TXMEX1): (For non-GPS equipped aircraft LCH, SWB, AEX, BPT and DAS must be operational.)
ELM GROVE TRANSITION (EMG.TXMEX1): (For non-GPS equipped aircraft SWB, EMG, LFK, DAS and BPT must be operational.)
LAKE CHARLES TRANSITION (LCH.TXMEX1): (For non-GPS equipped aircraft AEX, BPT and DAS must be operational.)
LUFKIN TRANSITION (LFK.TXMEX1): (For non-GPS equipped aircraft TNV, BPT, DAS and LFK must be operational.)
SAWMILL TRANSITION (SWB.TXMEX1): (For non-GPS equipped aircraft AEX, SWB, LCH, LFK, BPT and DAS must be operational.)

From TXMEX via 254° track to WORUM, thence as depicted to CRVZA.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R or 9: From CRVZA via 265° track to JOESZ. Expect vectors to final approach course prior to JOESZ, if not received by JOESZ, fly present heading.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course prior to CRVZA.

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS
124.05
DAVID WAYNE HOOKS MEMORIAL ATIS
124.95
LONE STAR EXECUTIVE ATIS
118.325

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.WOLDE2):

KLAMS TRANSITION (KLAMS.WOLDE2):

LEEVILLE TRANSITION (LEV.WOLDE2):

SABINE PASS TRANSITION (SBI.WOLDE2):

SEMMES TRANSITION (SJI.WOLDE2):

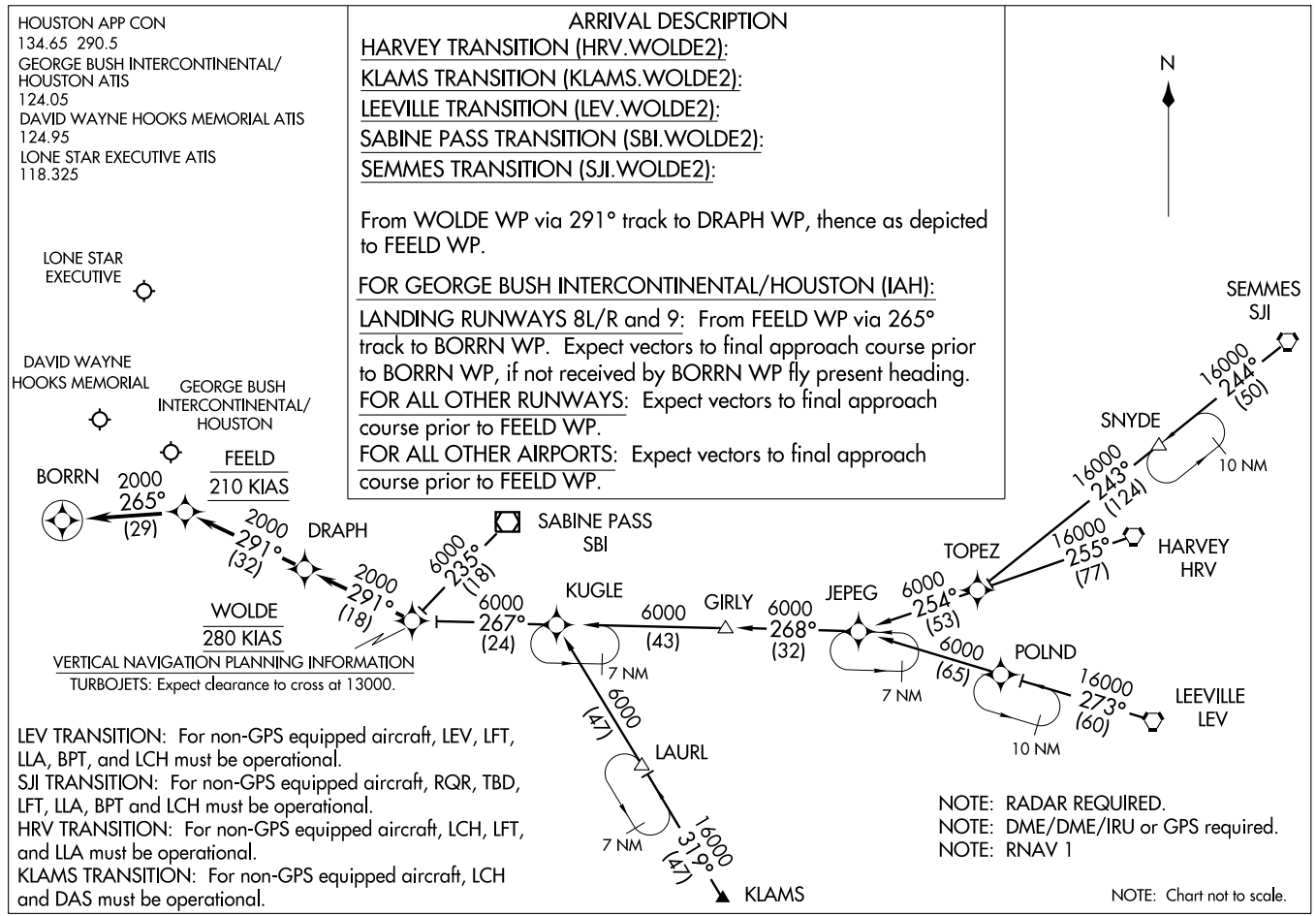
From WOLDE WP via 291° track to DRAPH WP, thence as depicted to FEELD WP.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/R and 9: From FEELD WP via 265° track to BORRN WP. Expect vectors to final approach course prior to BORRN WP, if not received by BORRN WP fly present heading.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course prior to FEELD WP.

FOR ALL OTHER AIRPORTS: Expect vectors to final approach course prior to FEELD WP.



VERTICAL NAVIGATION PLANNING INFORMATION
TURBOJETS: Expect clearance to cross at 13000.

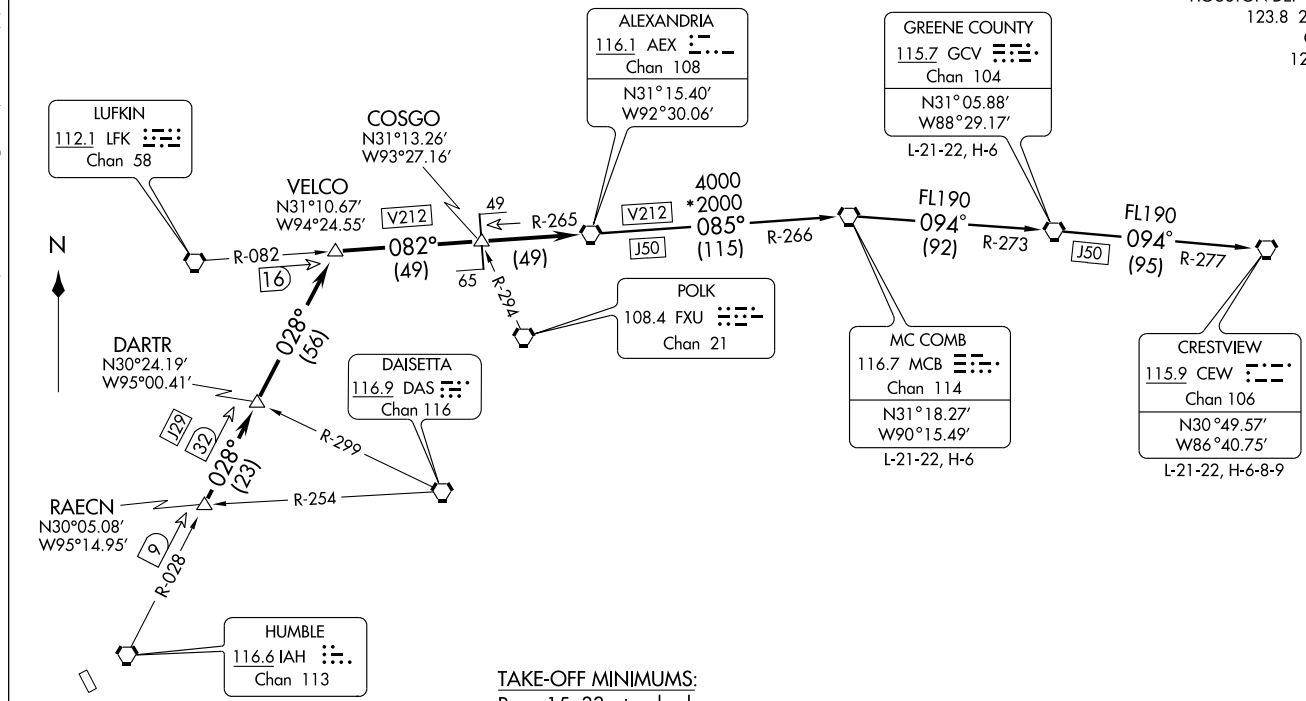
LEV TRANSITION: For non-GPS equipped aircraft, LEV, LFT, LLA, BPT, and LCH must be operational.
SJI TRANSITION: For non-GPS equipped aircraft, RQR, TBD, LFT, LLA, BPT and LCH must be operational.
HRV TRANSITION: For non-GPS equipped aircraft, LCH, LFT, and LLA must be operational.
KLAMS TRANSITION: For non-GPS equipped aircraft, LCH and DAS must be operational.

NOTE: RADAR REQUIRED.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1

NOTE: Chart not to scale.

(WOLDE.WOLDE2) 09183
WOLDE TWO ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05



TAKE-OFF MINIMUMS:
Rwys 15, 33, standard.

TAKE-OFF OBSTACLES:
Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL.
Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSL.
Rwy 33, Building 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

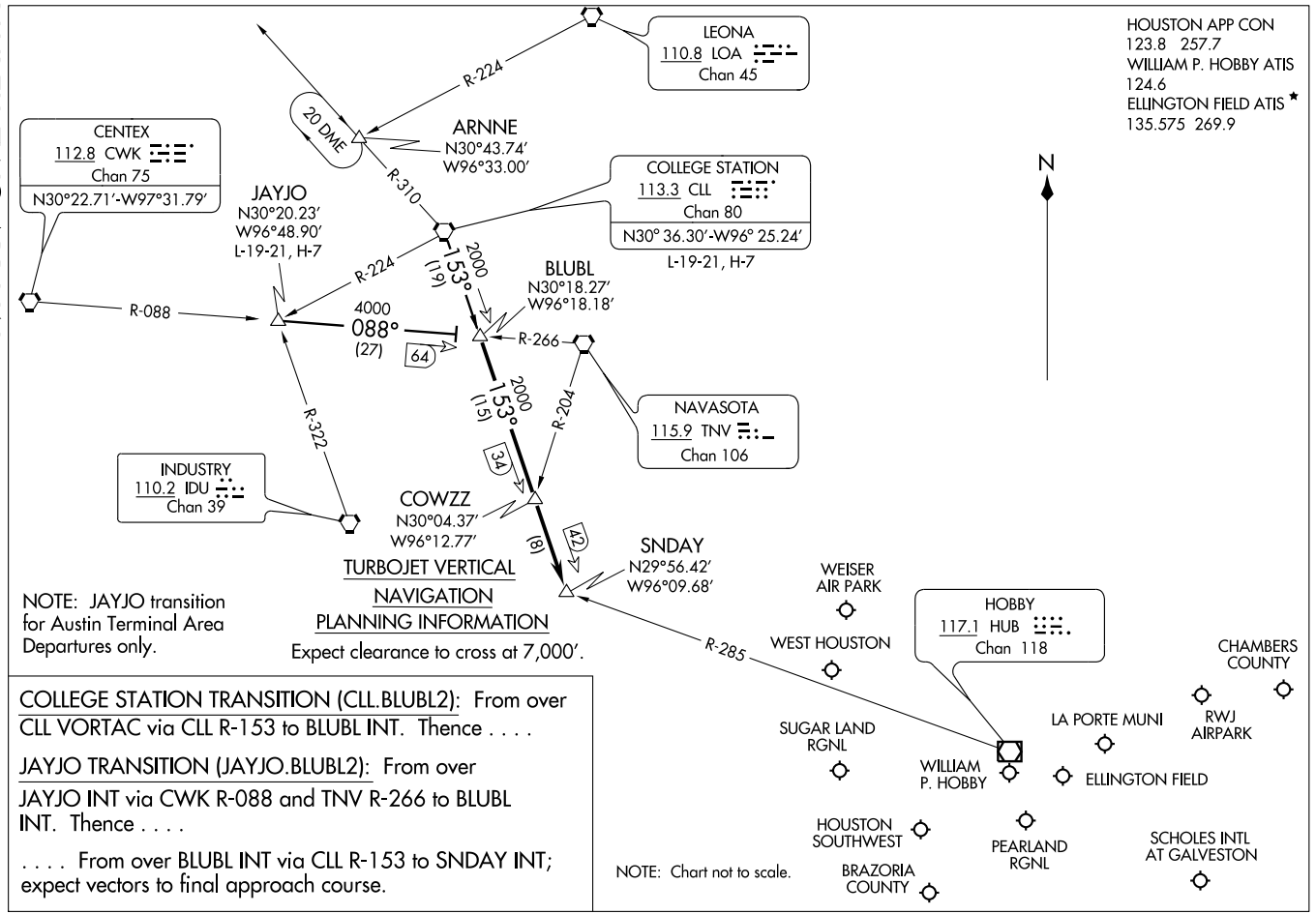
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

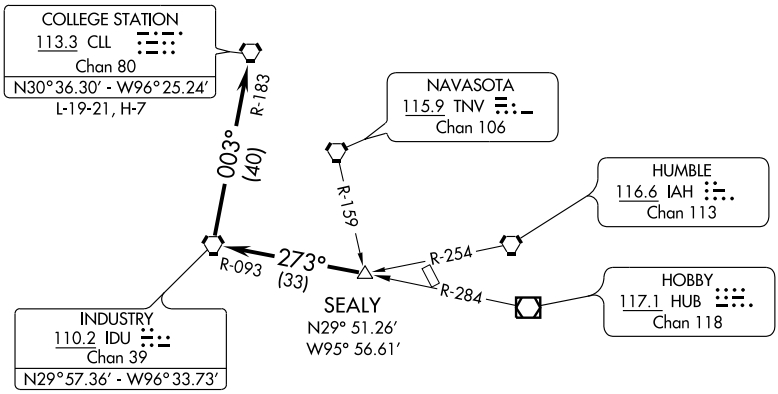
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05



TAKE-OFF MINIMUMS:
Rwys 15, 33 standard.

TAKE-OFF OBSTACLES:
Rwy 15, Road plus vehicle beginning 50' from DER, 57' left of centerline, 15' AGL/138' MSL. Road plus vehicle 280' from DER, 317' right of centerline, 15' AGL/124' MSL.
Rwy 33, Bldg 265' from DER, 365' left of centerline, 33' AGL/143' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

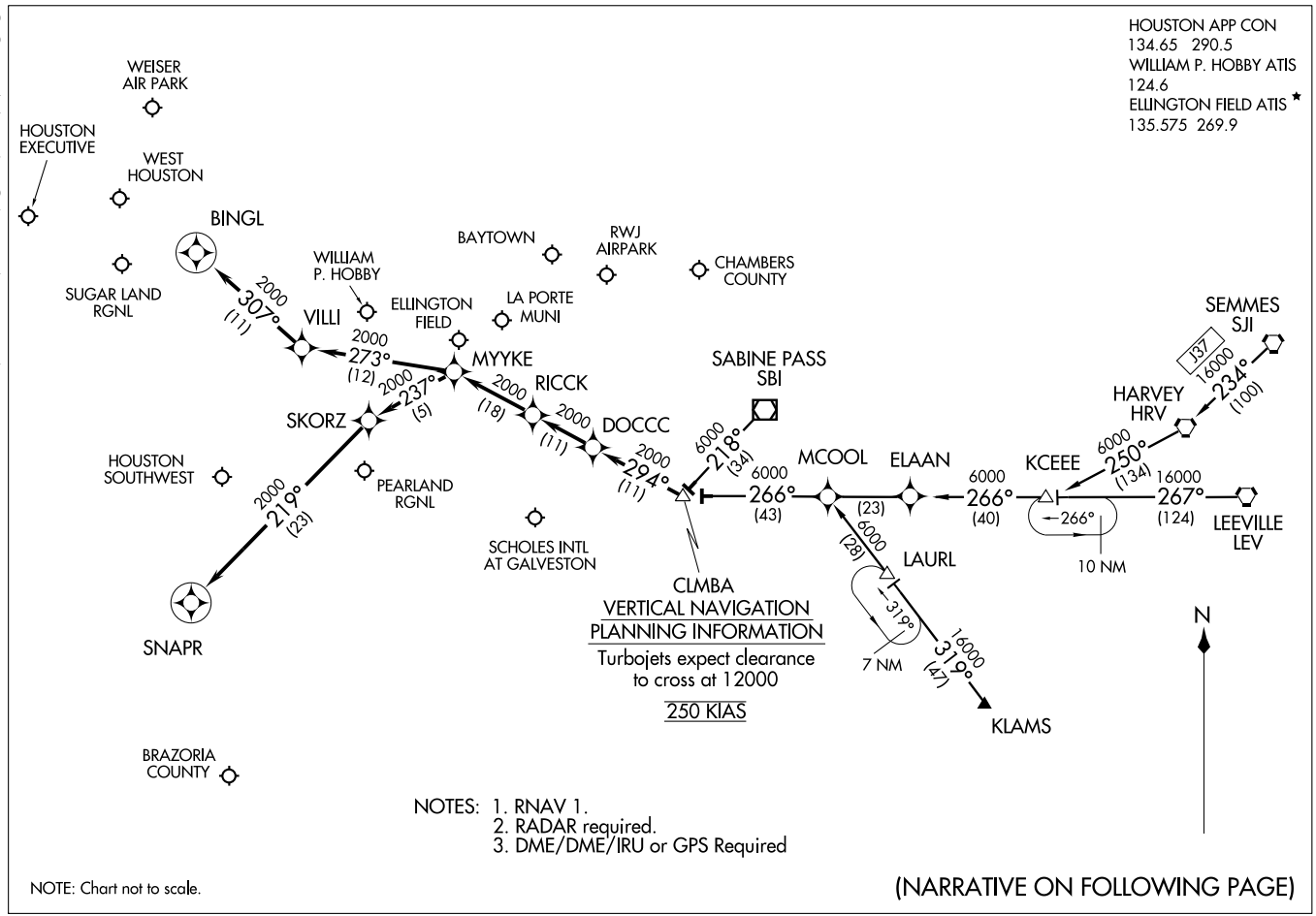
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

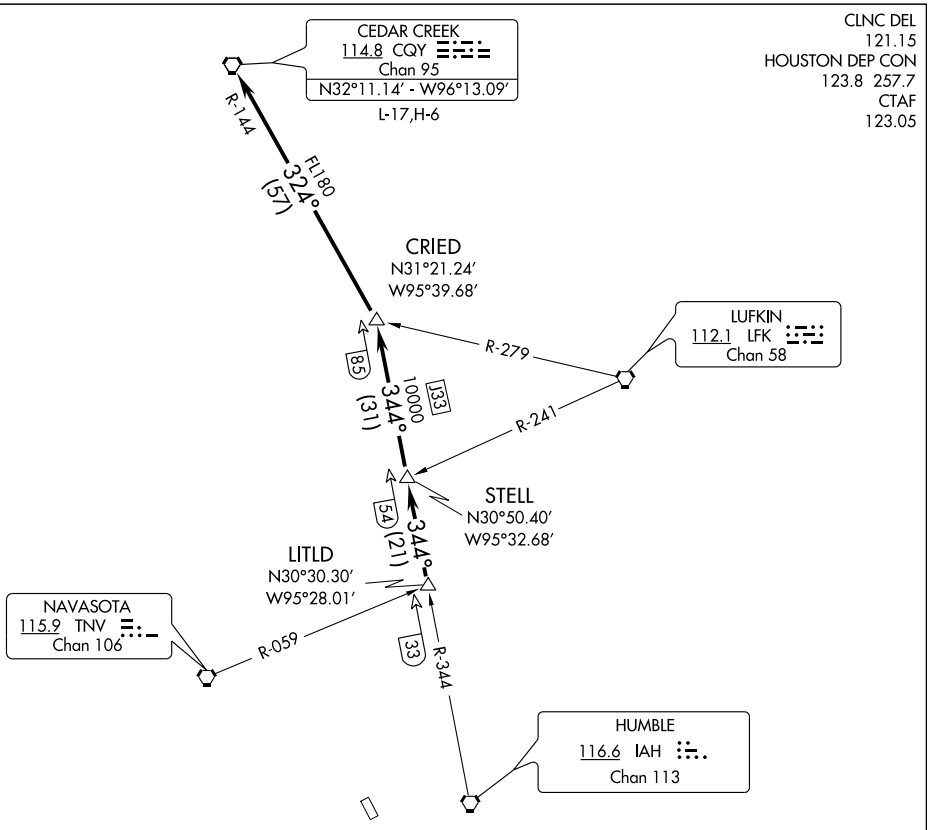
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 15, 33, standard.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES

Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL.
Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSL.
Rwy 33, Building, 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
93

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwy 15, 33, standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

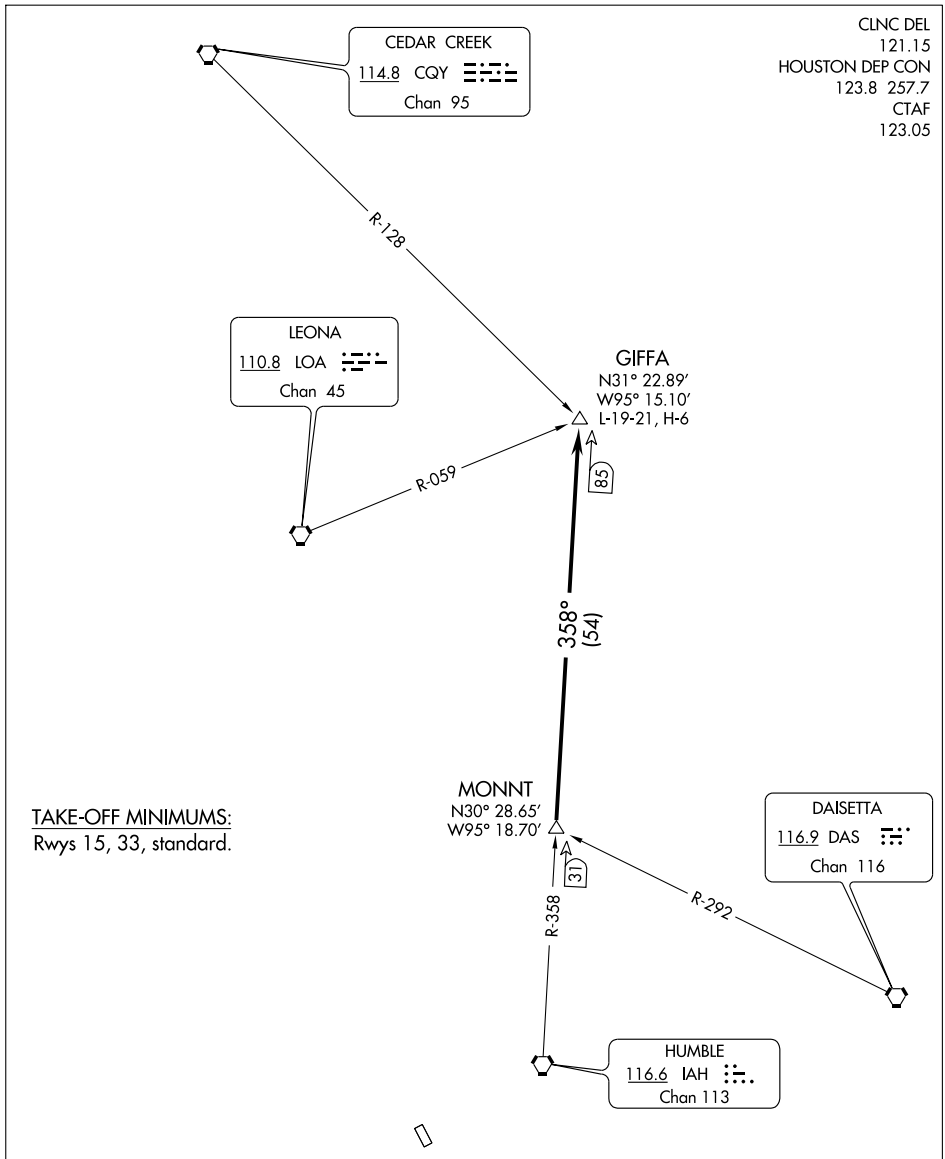
Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/ 138′ MSL. Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/ 124′ MSL.
Rwy 33, Bulding 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwys 15, 33, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

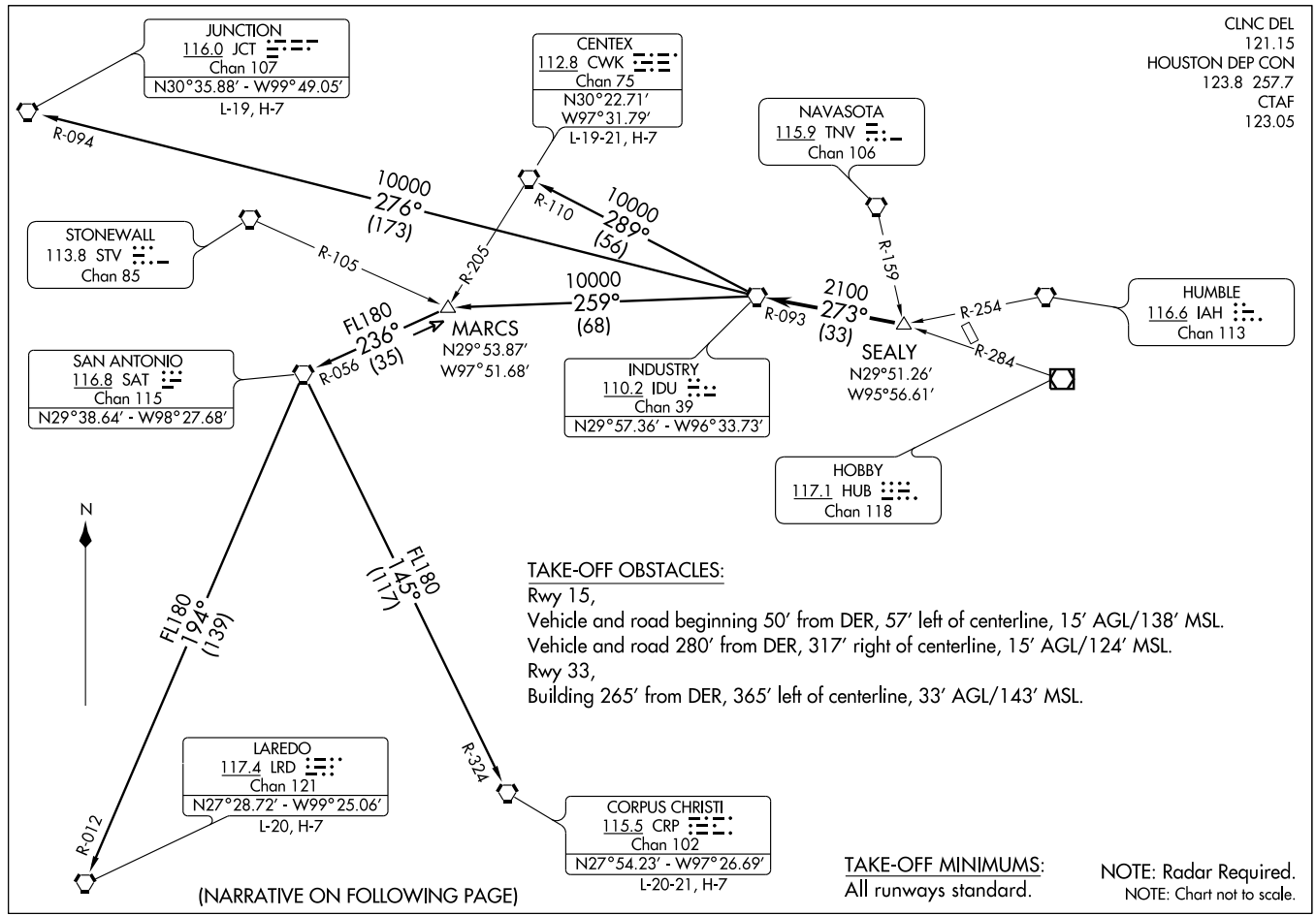
When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL.
Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSI.
Rwy 33, Building 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SL-6079 (FAA)

HOUSTON/WEST HOUSTON (IWS)

HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

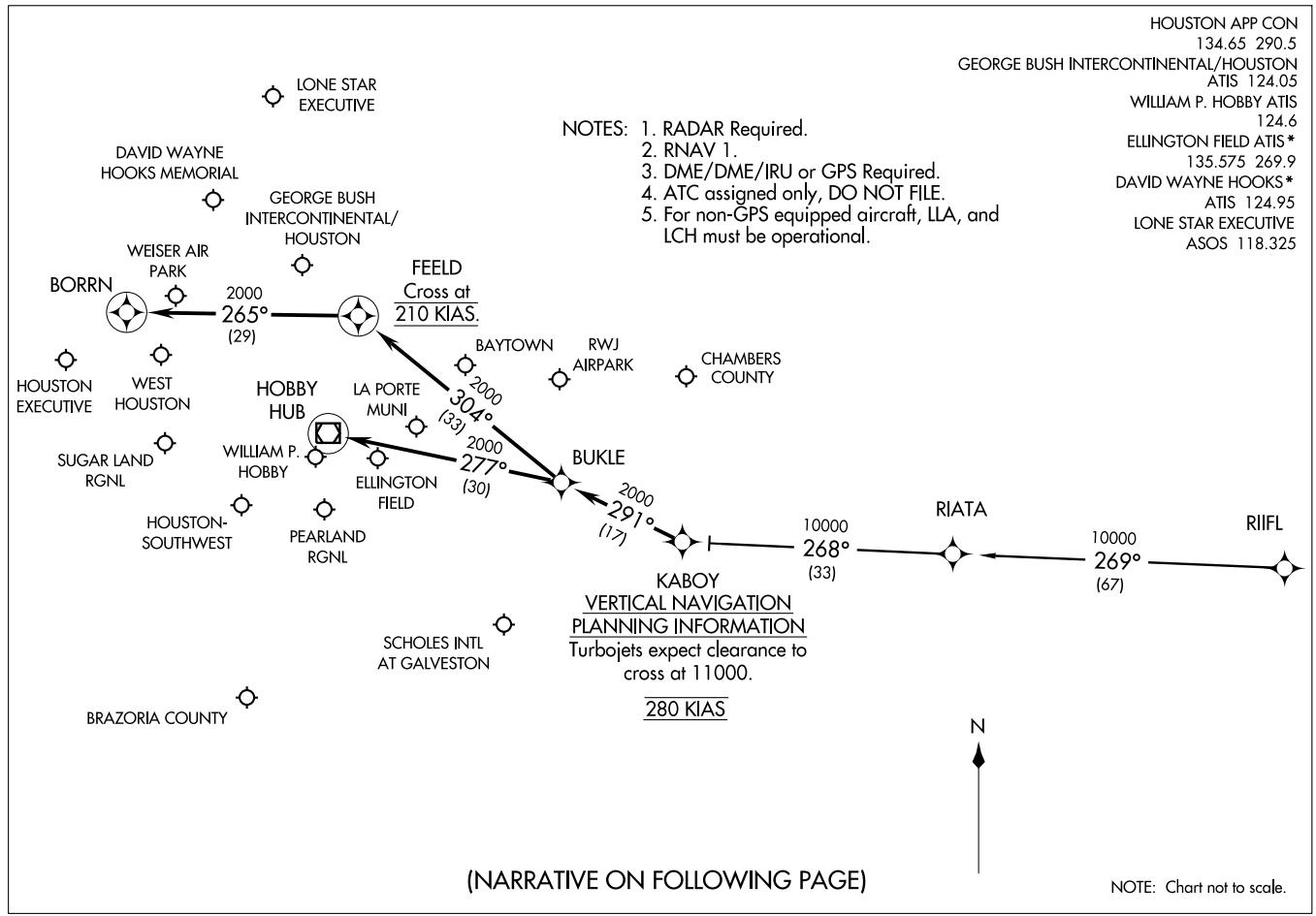
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

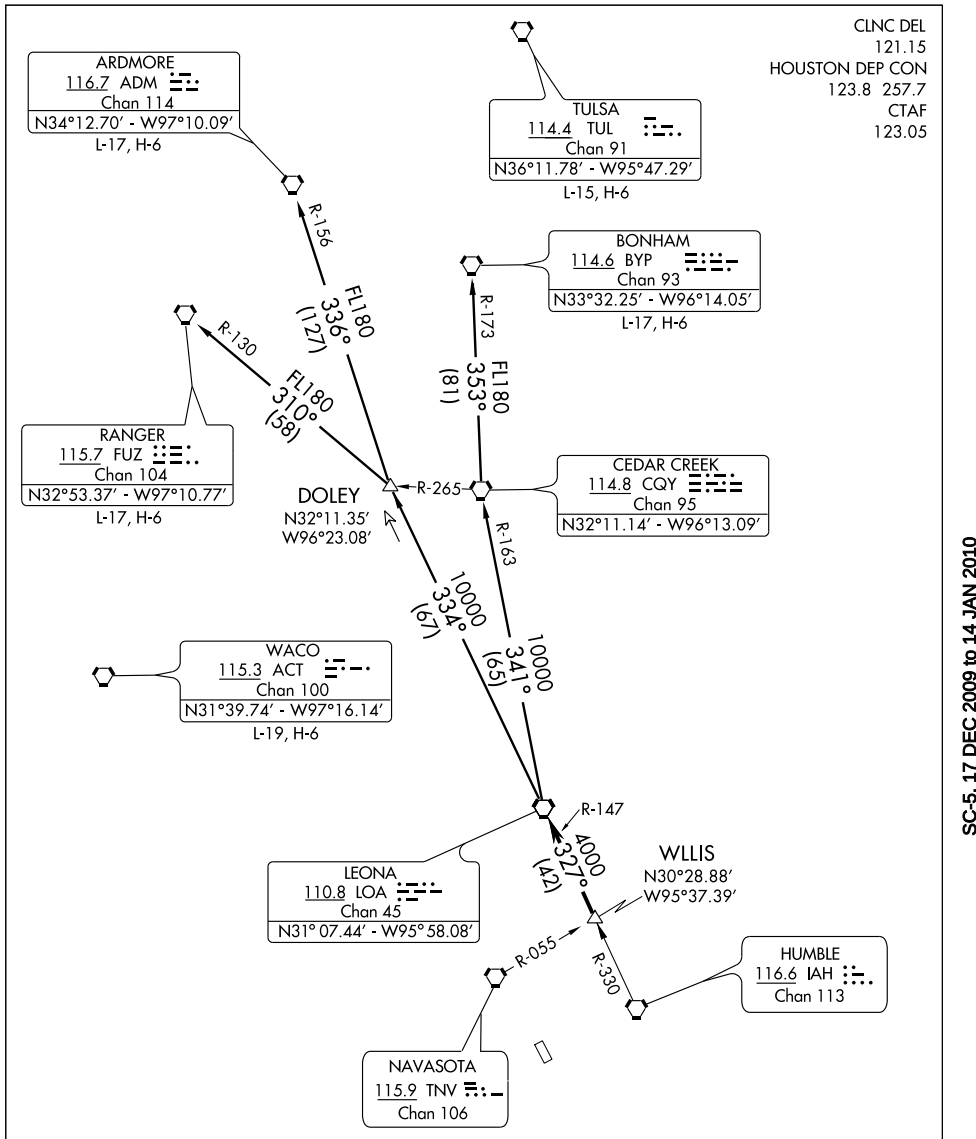
ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 15, 33 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

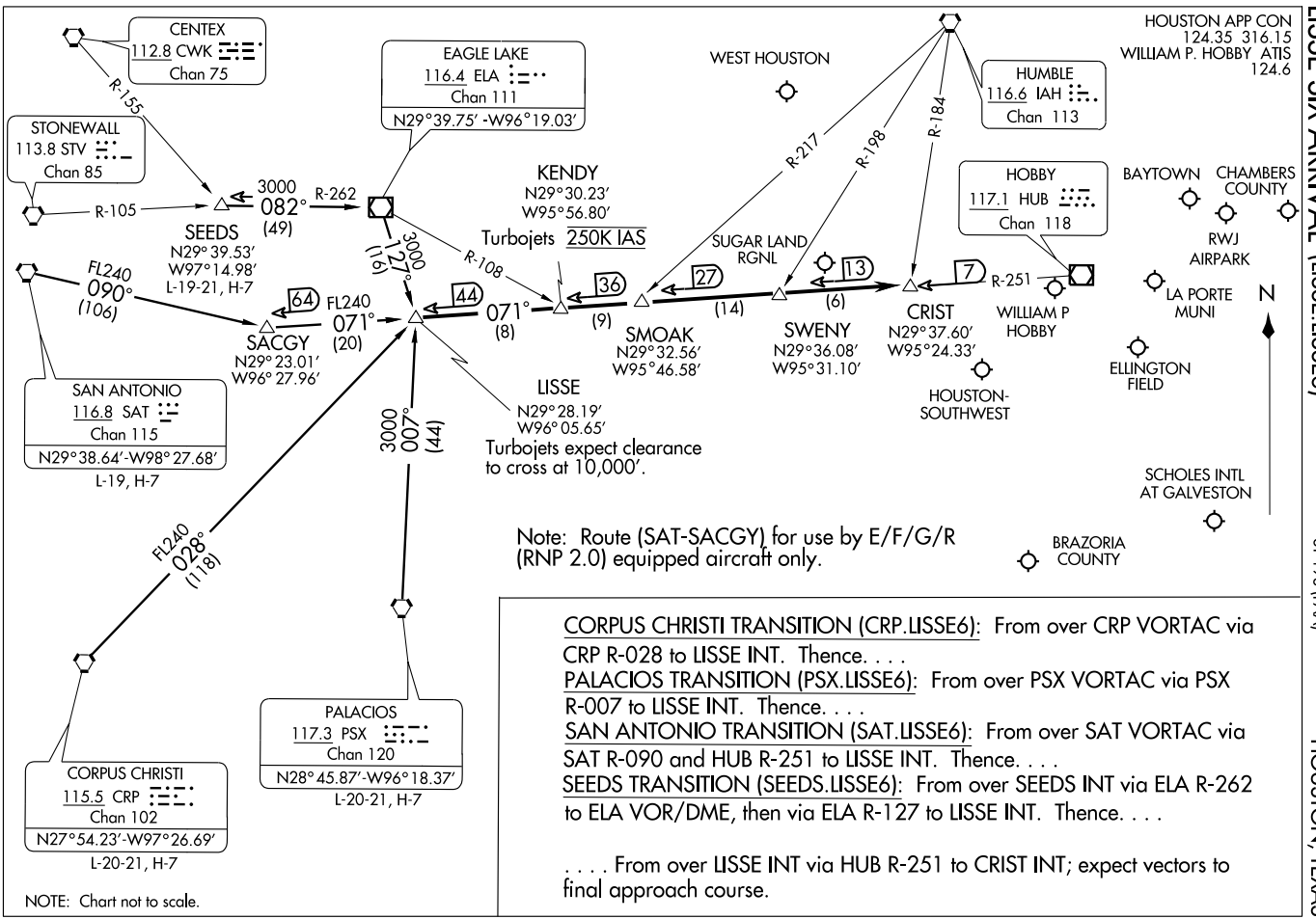
TAKE-OFF OBSTACLES

Rwy 15, Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSL.
Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL.
Rwy 33, Building 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

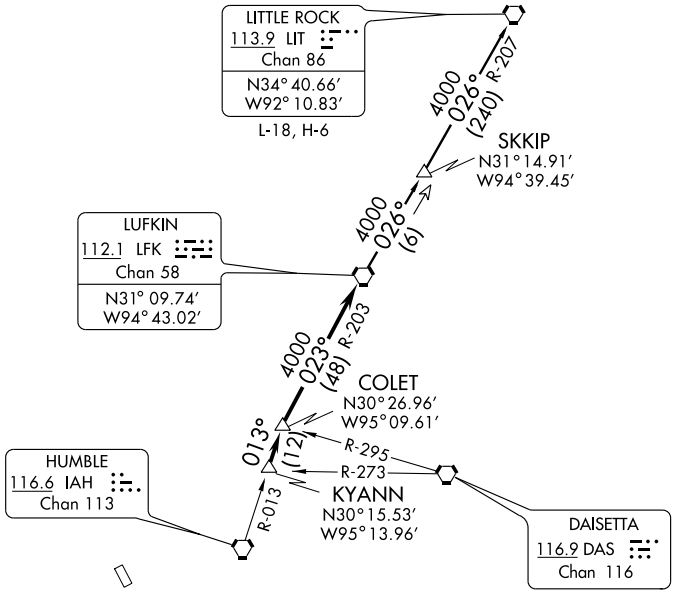
. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

SL-6079 (FAA)

HOUSTON/ WEST HOUSTON (IWS)
HOUSTON, TEXAS

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05



TAKE-OFF MINIMUMS:
Rwy 15, 33, standard.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:
Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL. Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSL.
Rwy 33, Bldg 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

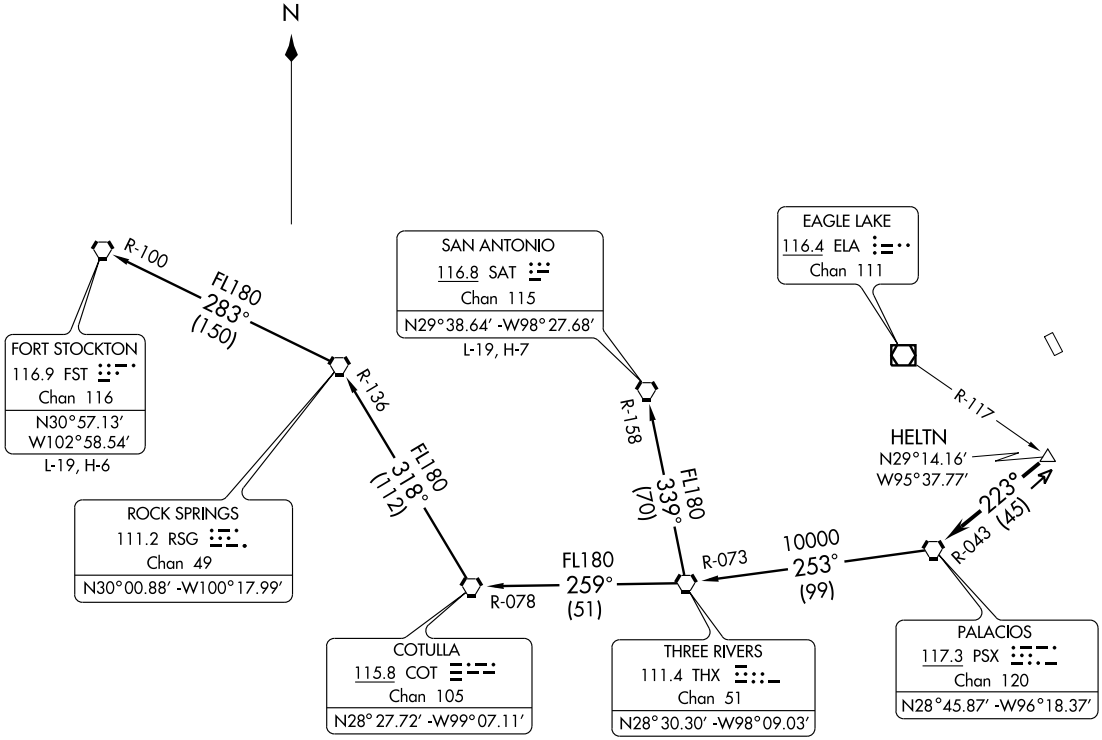
. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE (PSX3.PSX) 08157

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05



TAKE-OFF MINIMUMS:
Rwys 15, 33, standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 15, Vehicle and road beginning 50' from DER, 57' left of centerline, 15' AGL/138' MSL.
Vehicle and road 280' from DER, 317' right of centerline, 15' AGL/124' MSL.
Rwy 33, Building 265' from DER, 365' left of centerline, 33' AGL/143' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3953
150°	TDZE	111
	Apt Elev	111

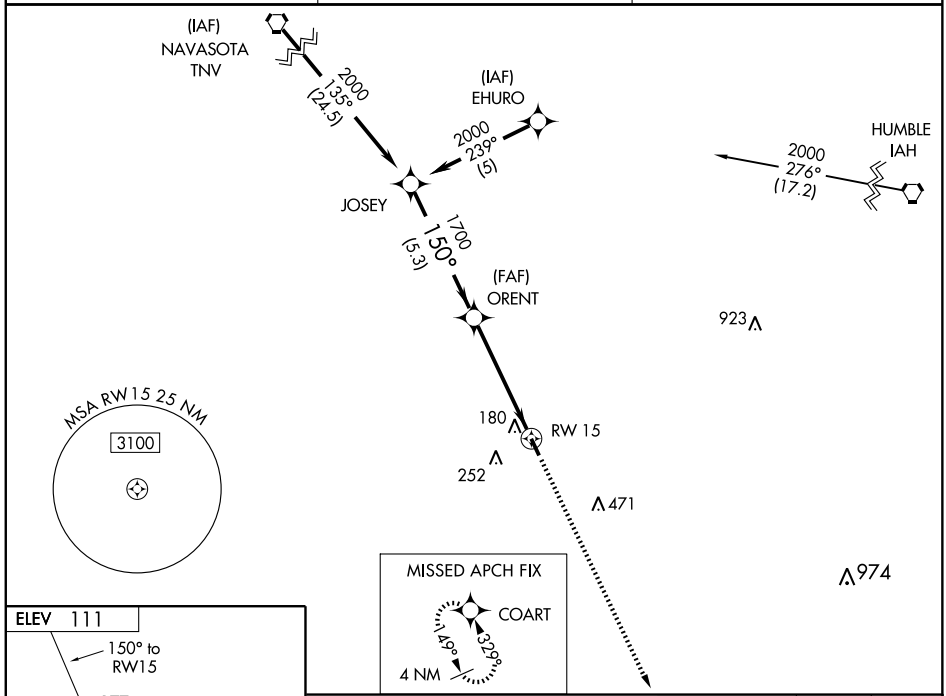
RNAV (GPS) RWY 15

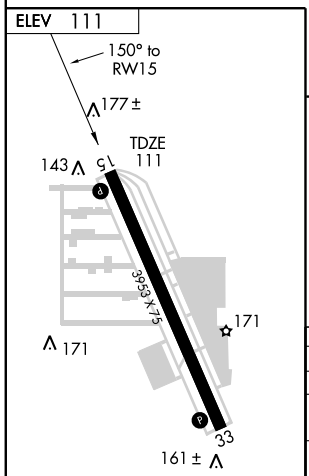
HOUSTON/ WEST HOUSTON (IWS)

BARO-VNAV NA below -15°C (5°F).
GPS or RNP -0.3 required. DME/DME RNP -0.3 NA.
BARO-VNAV NA with George Bush Intercontinental/Houston altimeter setting.
Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/ Houston altimeter setting and increase all MDAs 60 feet and CAT C visibility 1/4 mile.

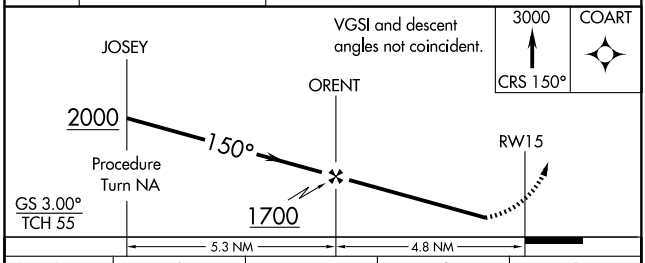
MISSED APPROACH: Climb to 3000 via 150° course to COART and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L





REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	400-1 289 (300-1)			NA
LNAV MDA	480-1 369 (400-1)			NA
CIRCLING	480-1 369 (400-1)	580-1 469 (500-1)	580-1½ 469 (500-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3953
330°	TDZE	111
	Apt Elev	111

RNAV (GPS) Y RWY 33

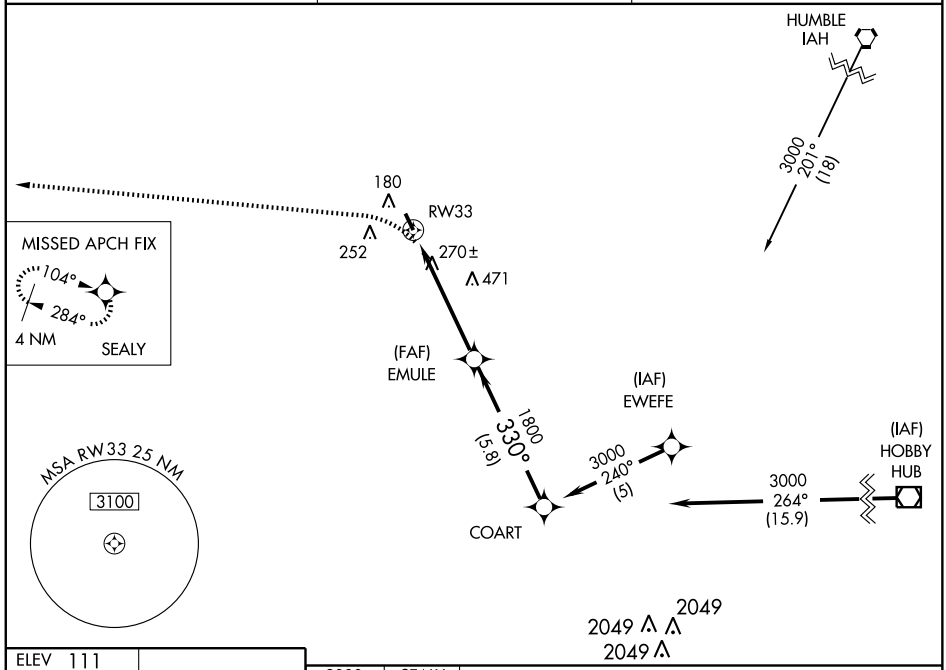
HOUSTON/ WEST HOUSTON (IWS)

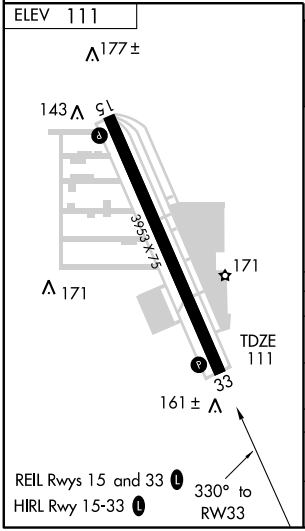
Obtain local altimter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting. GPS or RNP -0.3 required. DME/DME RNP -0.3 NA.

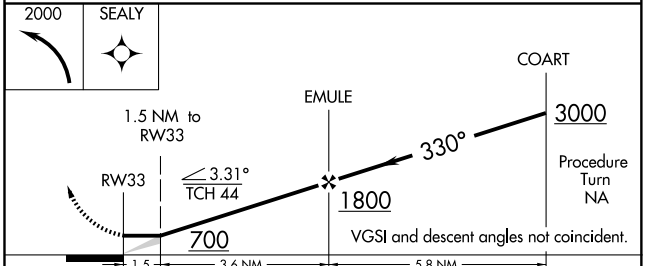
NA

MISSED APPROACH: Climbing left turn to 2000 direct SEALY and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	580-1 469 (500-1)		580-1¼ 469 (500-1¼)	NA
CIRCLING	580-1 469 (500-1)		620-1½ 509 (600-1½)	NA
GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING MINIMUMS				
LNAV MDA	620-1 509 (600-1)		620-1½ 509 (600-1½)	NA
CIRCLING	620-1 509 (600-1)		680-1½ 569 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3953
330°	TDZE	111
	Apt Elev	111

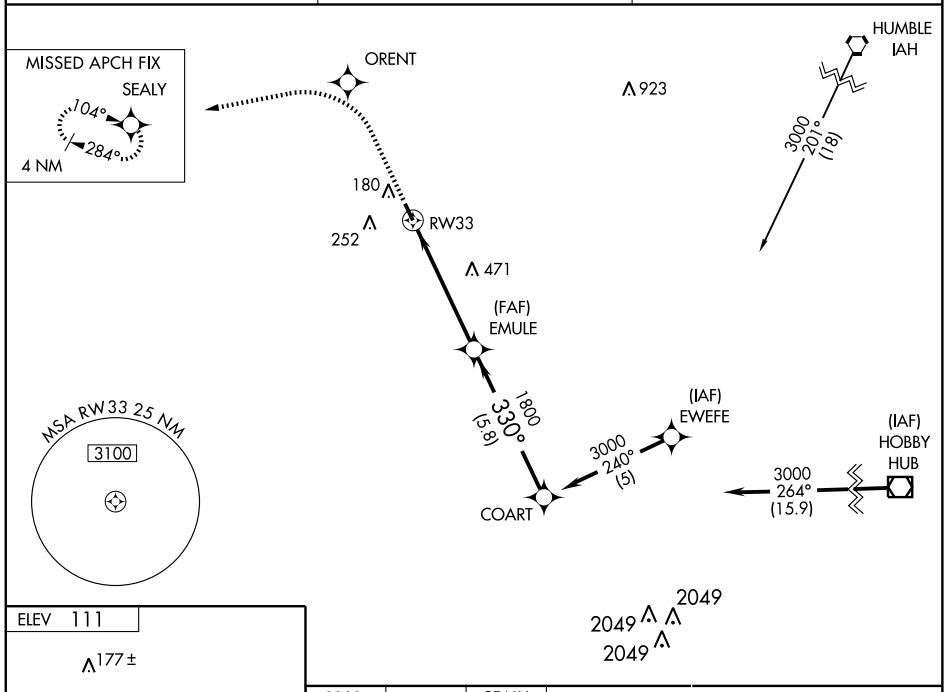
RNAV (GPS) Z RWY 33

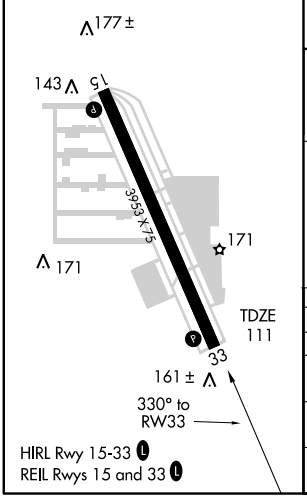
HOUSTON/ WEST HOUSTON (IWS)

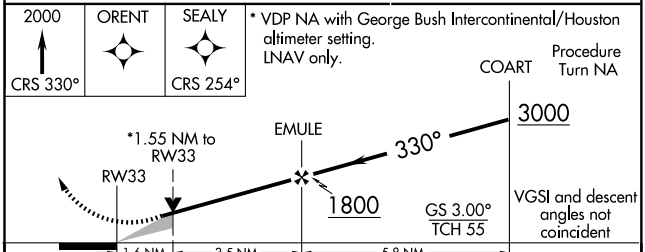
BARO-VNAV NA below -15°C (5°F).
GPS or RNP -0.3 required. DME/DME RNP -0.3 NA.
NA BARO-VNAV NA with George Bush Intercontinental/Houston altimeter setting. Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting and increase all MDAs 60 feet and Cat C visibility 1/4 mile.

MISSED APPROACH: Climb to 2000 via 330° course to ORENT, then via 254° course to SEALY and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L

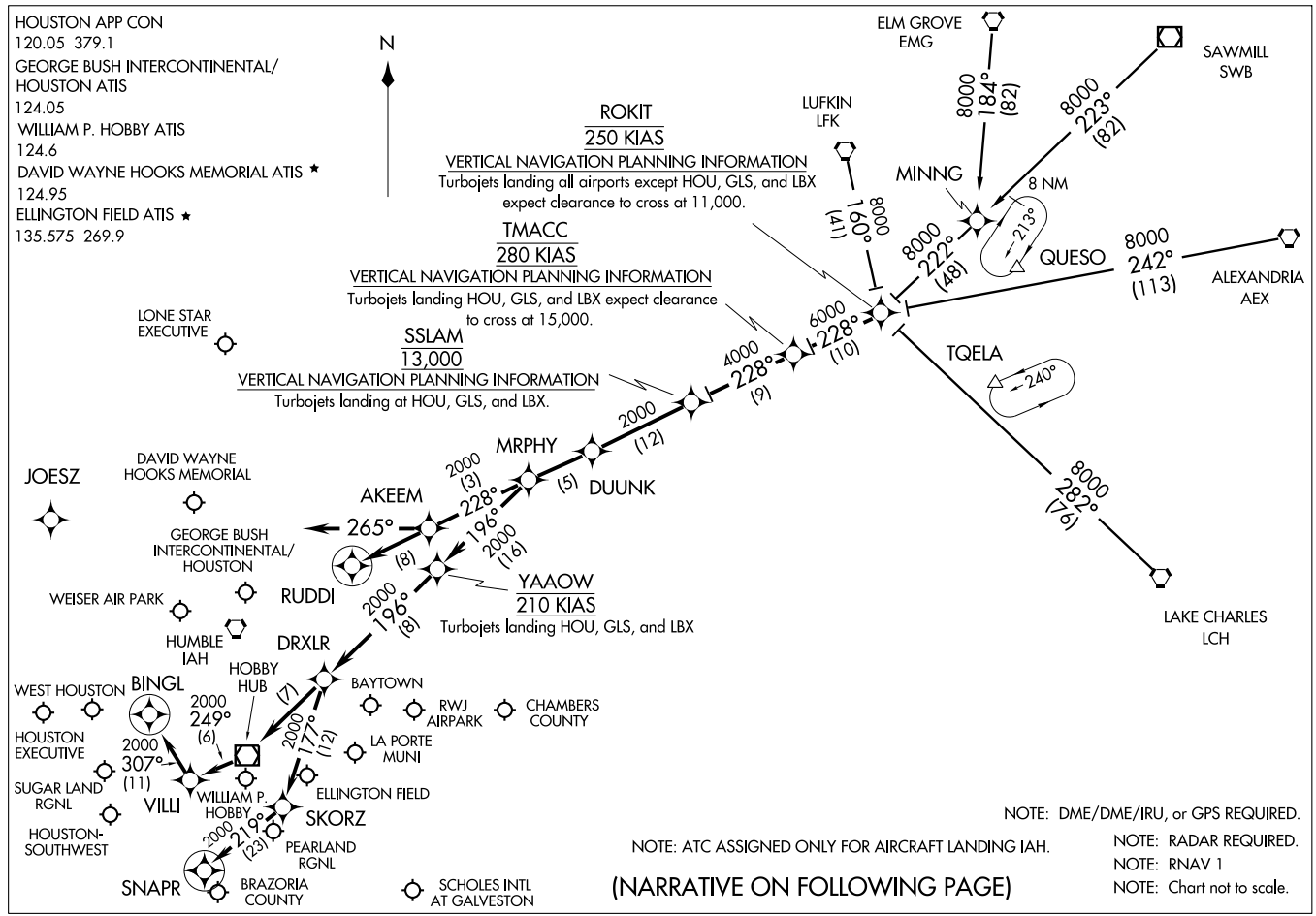






CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/ VNAV DA	400-1 289 (300-1)			NA
LNAV MDA	640-1 529 (600-1)		640-1½ 529 (600-1½)	NA
CIRCLING	640-1 529 (600-1)		640-1½ 529 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

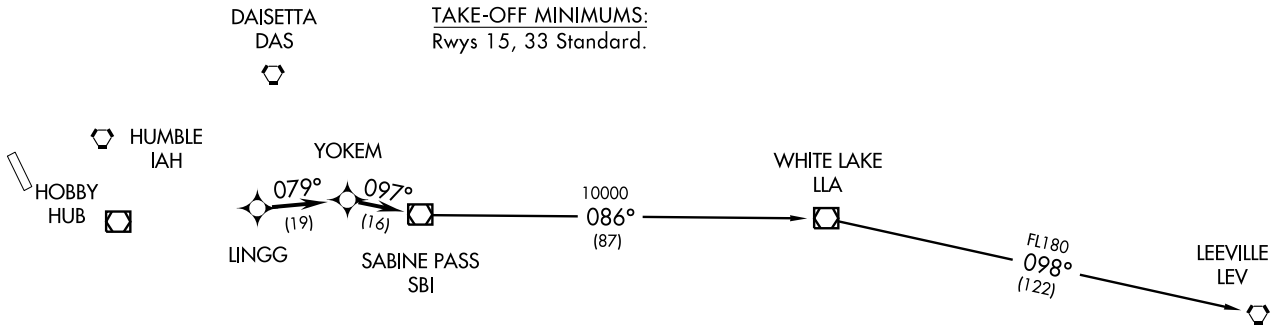
FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05

TAKE-OFF MINIMUMS:
Rwys 15, 33 Standard.



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES:
Rwy 15, Vehicle and road beginning 50' from DER, 57' left of centerline, 15' AGL/138' MSL. Vehicle and road 280' from DER, 317' right of centerline, 15' AGL/124' MSL.
Rwy 33, Bldg 265' from DER, 365' left of centerline, 33' AGL/143' MSL.

NOTE: Chart not to scale.

SABINE PASS ONE DEPARTURE (RNAV)

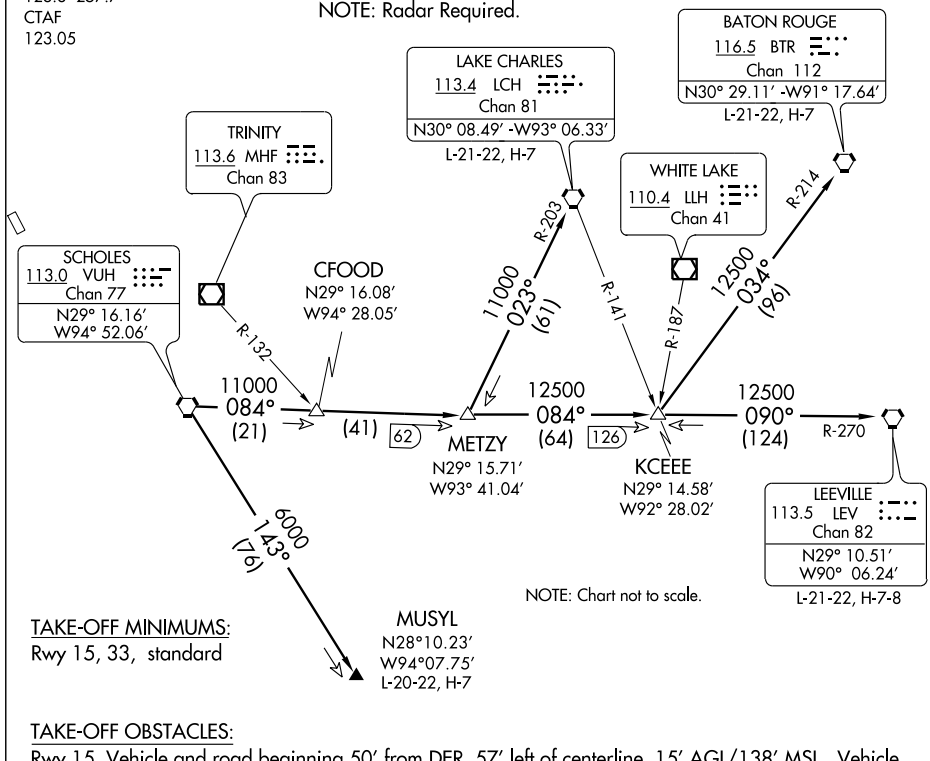
(SBI1.SBI) 09071
SL-6079 (FAA)

HOUSTON/WEST HOUSTON (IWS)
HOUSTON, TEXAS

SCHOLES THREE DEPARTURE

CLNC DEL
121.15
HOUSTON DEP CON
123.8 257.7
CTAF
123.05

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
Rwy 15, 33, standard

TAKE-OFF OBSTACLES:
Rwy 15, Vehicle and road beginning 50′ from DER, 57′ left of centerline, 15′ AGL/138′ MSL. Vehicle and road 280′ from DER, 317′ right of centerline, 15′ AGL/124′ MSL.
Rwy 33, Bldg 265′ from DER, 365′ left of centerline, 33′ AGL/143′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC IAH	APP CRS	Rwy Idg	NA
116.6	239°	TDZE	NA
Chan 113		Apt Elev	111

VOR-D

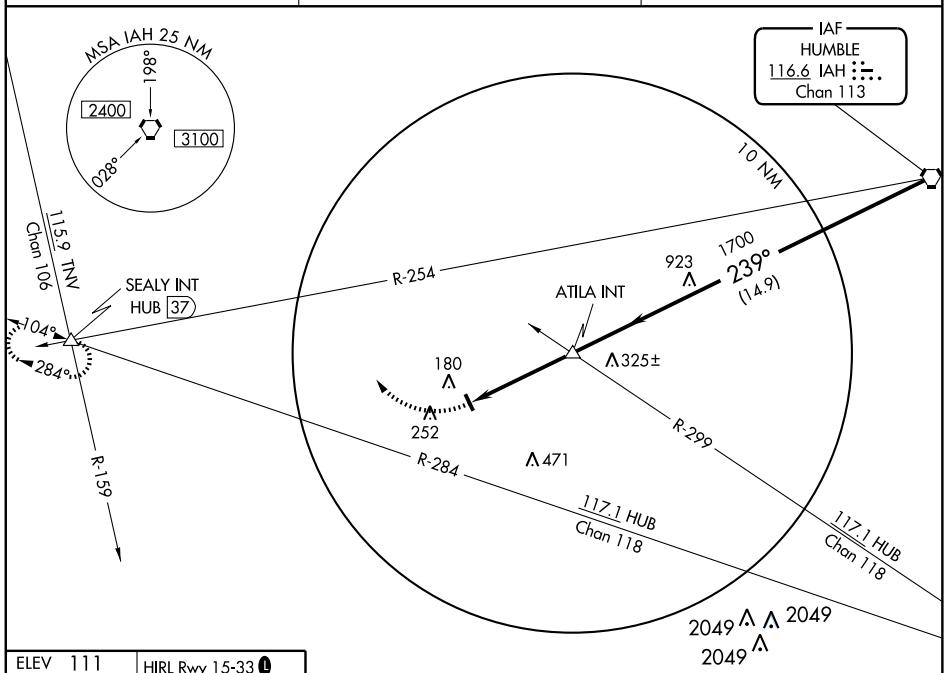
HOUSTON/ WEST HOUSTON (IWS)

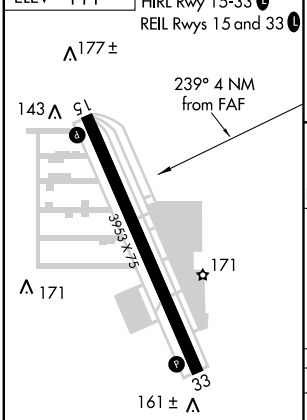
Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting.

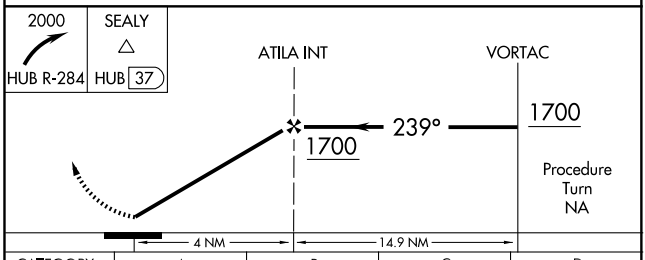
NA

MISSED APPROACH: Climbing right turn to 2000 via HUB VOR/DME R-284 to SEALY INT/HUB 37 DME and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	540-1 429 (500-1)	580-1 469 (500-1)	580-1½ 469 (500-1½)	NA

GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING

CIRCLING	600-1 489 (500-1)		600-1½ 489 (500-1½)	NA

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-6079 (FAA)

VORTAC IAH	APP CRS	Rwy Idg	3953
116.6	150°	TDZE	111
Chan 113		Apt Elev	111

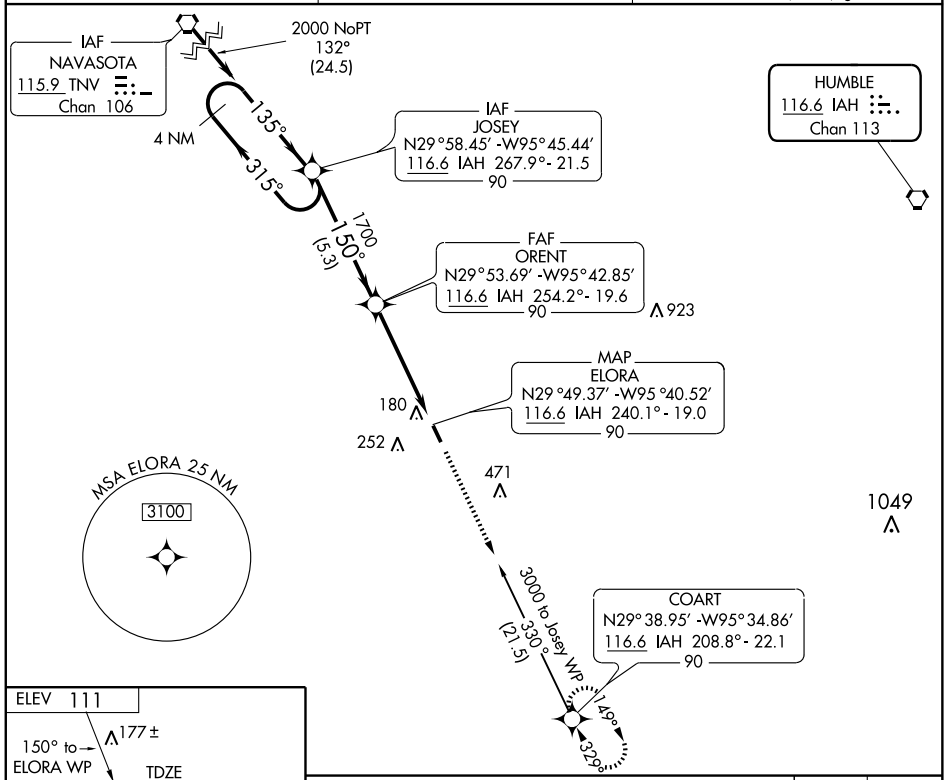
VOR/DME RNAV RWY 15

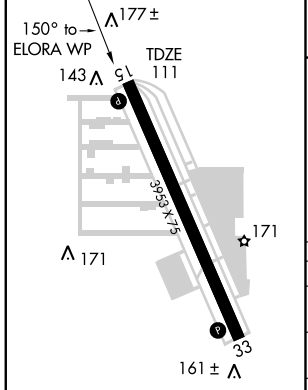
HOUSTON/ WEST HOUSTON (IWS)

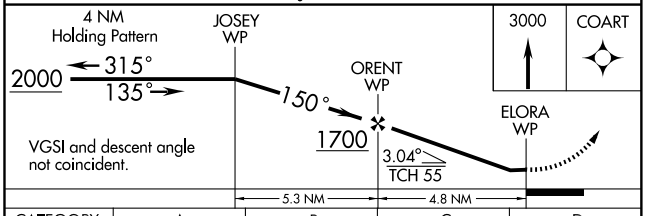
Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting.

MISSED APPROACH: Climb to 3000 direct COART and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L







CATEGORY	A	B	C	D
S-15	900-1 789 (800-1)	900-1¼ 789 (800-1¼)	900-2¼ 789 (800-2¼)	NA
CIRCLING	900-1 789 (800-1)	900-1¼ 789 (800-1¼)	900-2¼ 789 (800-2¼)	NA
GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING MINIMUMS				
S-15	960-1 849 (900-1)	960-1¼ 849 (900-1¼)	960-2½ 849 (900-2½)	NA
CIRCLING	960-1 849 (900-1)	960-1¼ 849 (900-1¼)	960-2½ 849 (900-2½)	NA

REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC IAH	APP CRS	Rwy Idg	3953
116.6	330°	TDZE	111
Chan 113		Apt Elev	111

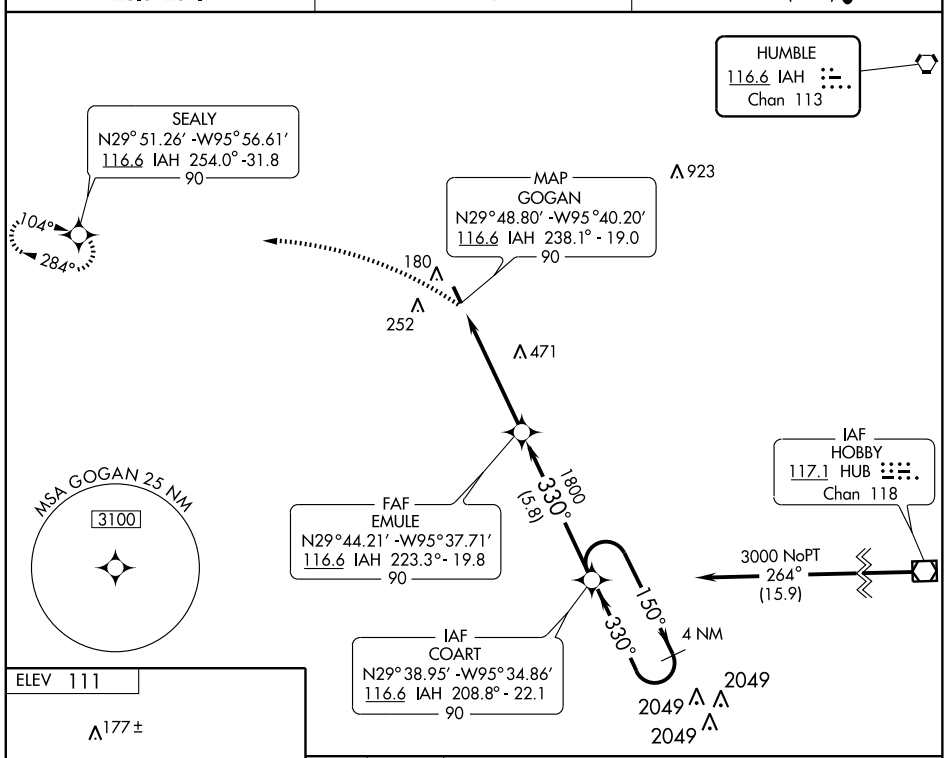
VOR/DME RNAV RWY 33

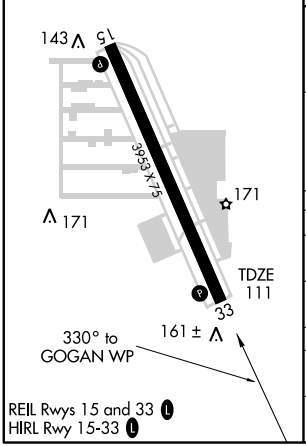
HOUSTON/ WEST HOUSTON (IWS)

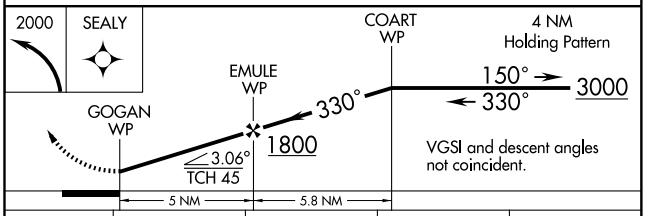
Obtain local altimeter setting on CTAF; when not received, use George Bush Intercontinental/Houston altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 direct SEALY and hold

HOUSTON APP CON	CLNC DEL	UNICOM
123.8 257.7	121.15	123.05 (CTAF) L

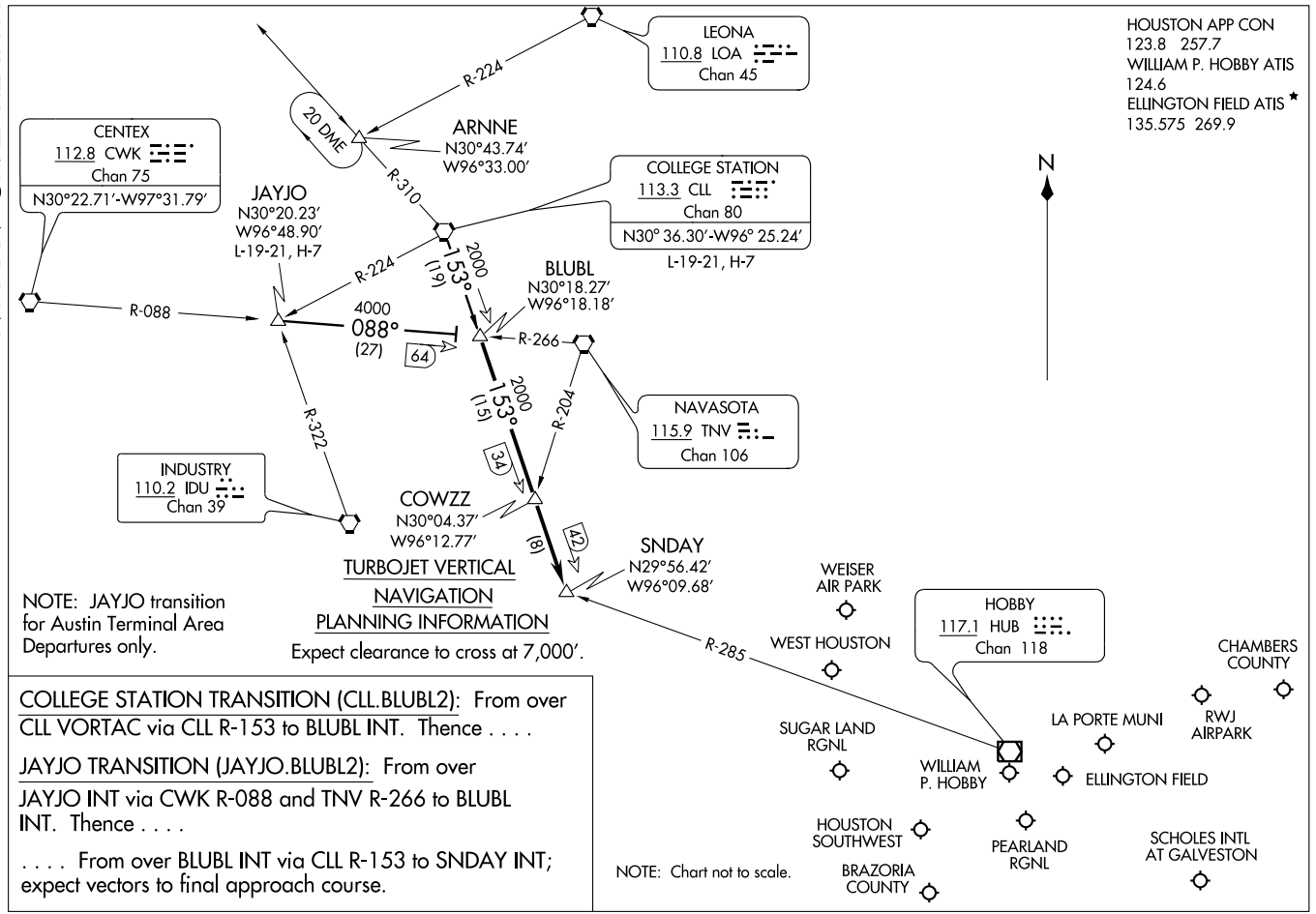






CATEGORY	A	B	C	D
S-33	860-1 749 (800-1)	860-1¼ 749 (800-1¼)	860-2¼ 749 (800-2¼)	NA
CIRCLING	860-1 749 (800-1)	860-1¼ 749 (800-1¼)	860-2¼ 749 (800-2¼)	NA
GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING MINIMUMS				
S-33	900-1 789 (800-1)	900-1¼ 789 (800-1¼)	900-2¼ 789 (800-2¼)	NA
CIRCLING	900-1 789 (800-1)	900-1¼ 789 (800-1¼)	900-2¼ 789 (800-2¼)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010



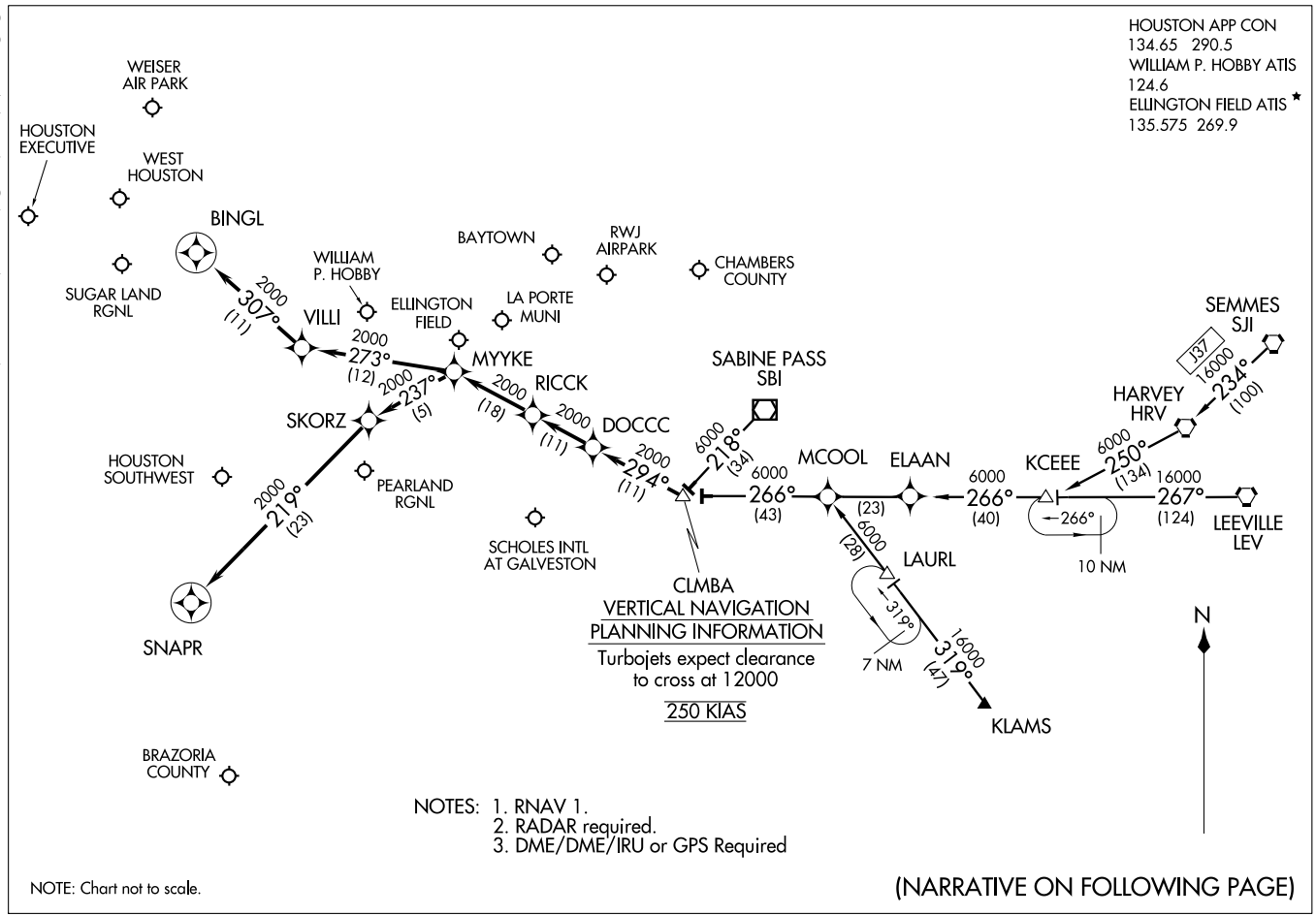
COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

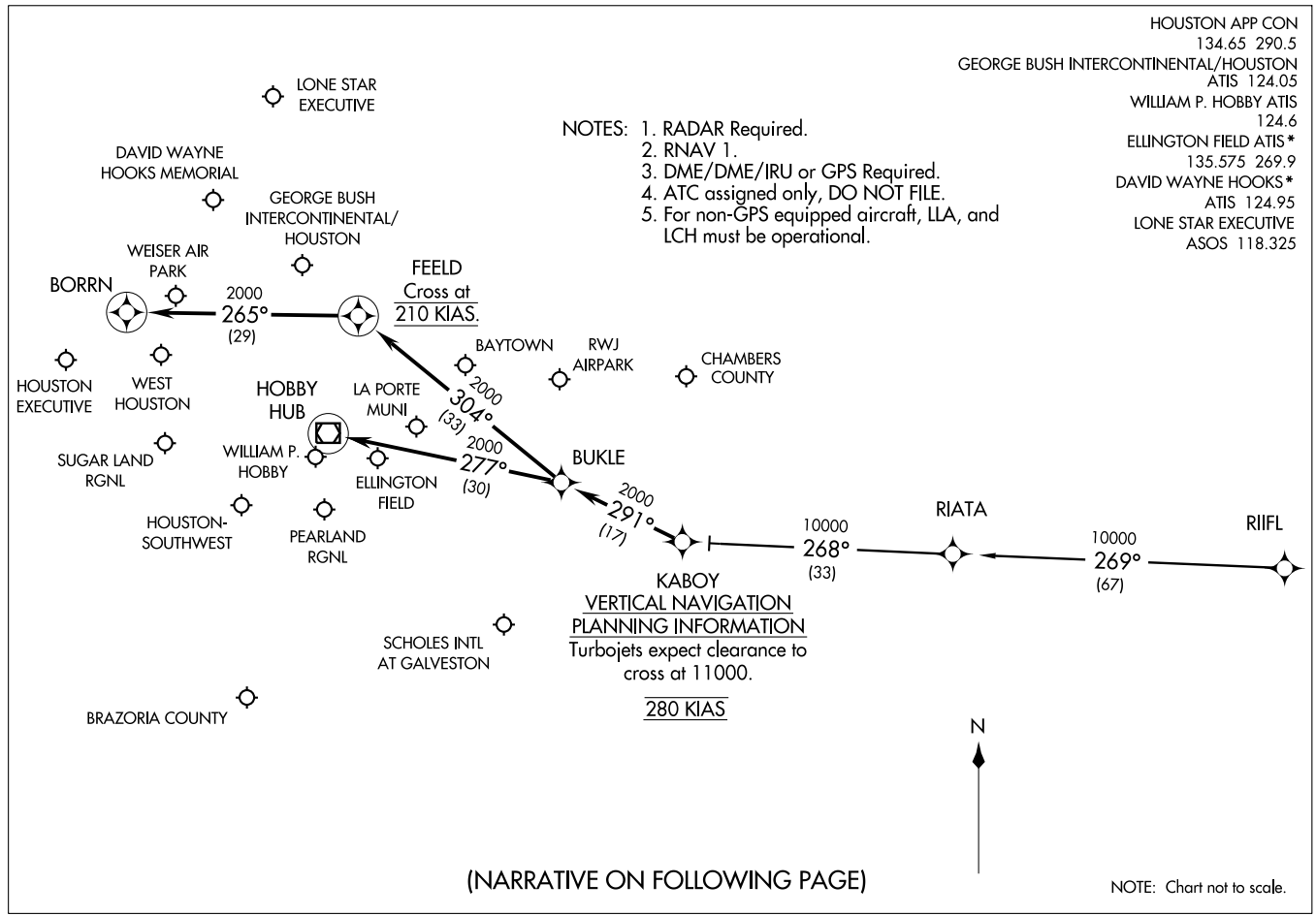
. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4313
309°	TDZE	43
	Apt Elev	44

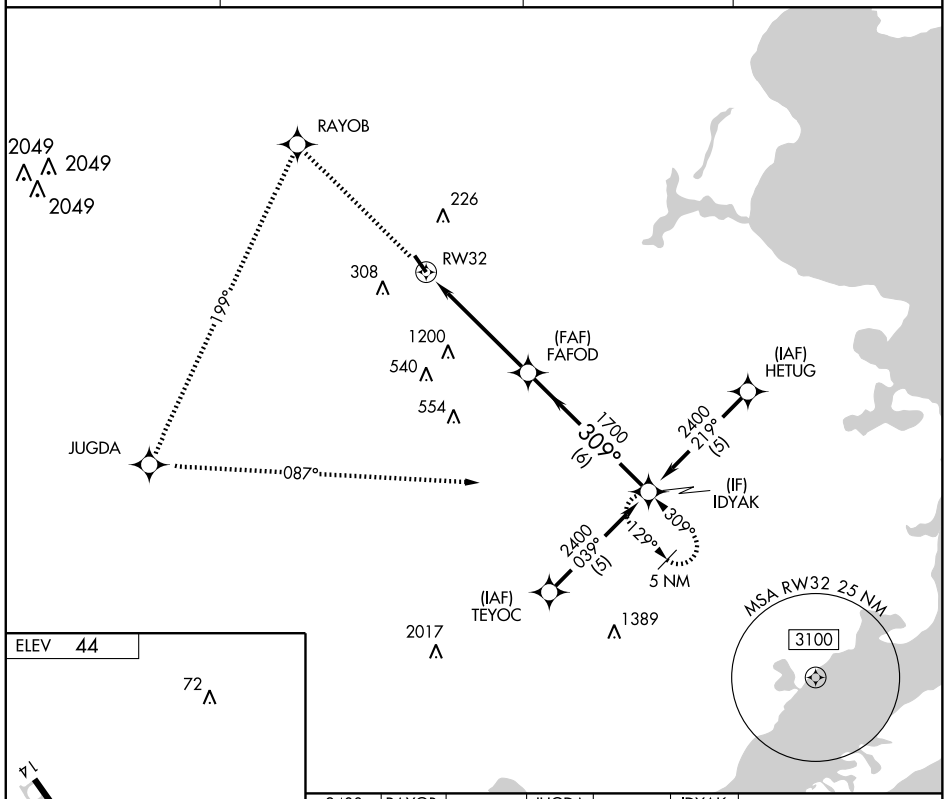
RNAV (GPS) RWY 32

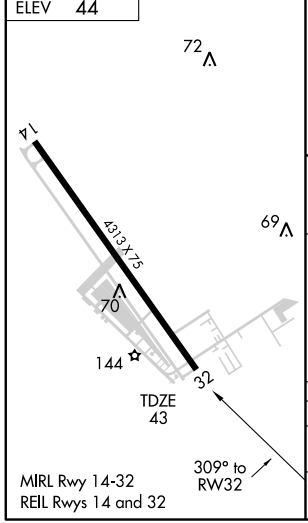
HOUSTON/ PEARLAND RGNL (LVJ)

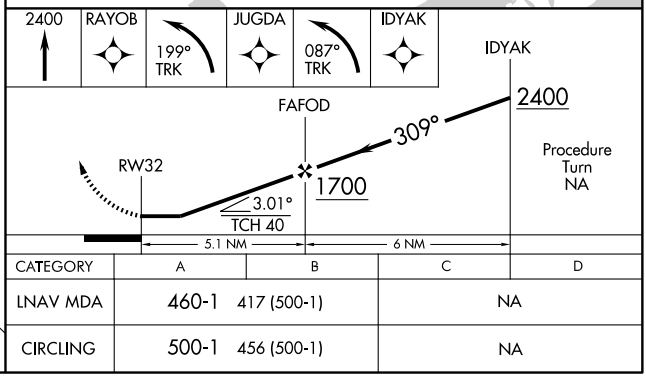
If local altimeter setting not received, use Houston/William P. Hobby altimeter setting and increase all MDAs 20 feet.
Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2400 direct RAYOB and left turn via 199° track to JUGDA and left turn via 087° track to IDYAK and hold.

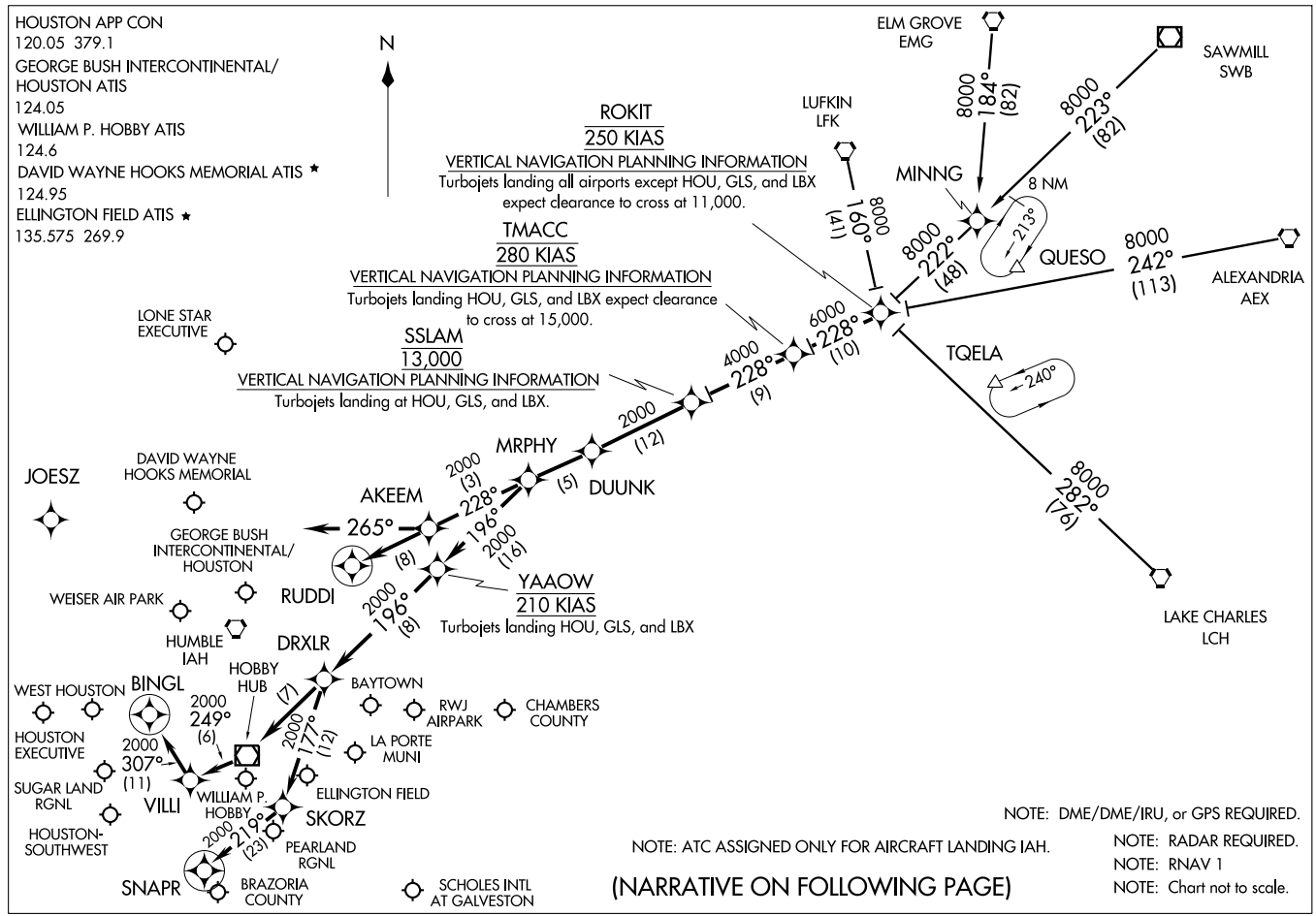
ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
118.525	134.45 284.0	124.0	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	460-1	417 (500-1)	NA	
CIRCLING	500-1	456 (500-1)	NA	



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-6460 (FAA)

VOR/DME MHF	APP CRS	Rwy Idg	N/A
113.6	260°	TDZE	N/A
Chan 83		Apt Elev	44

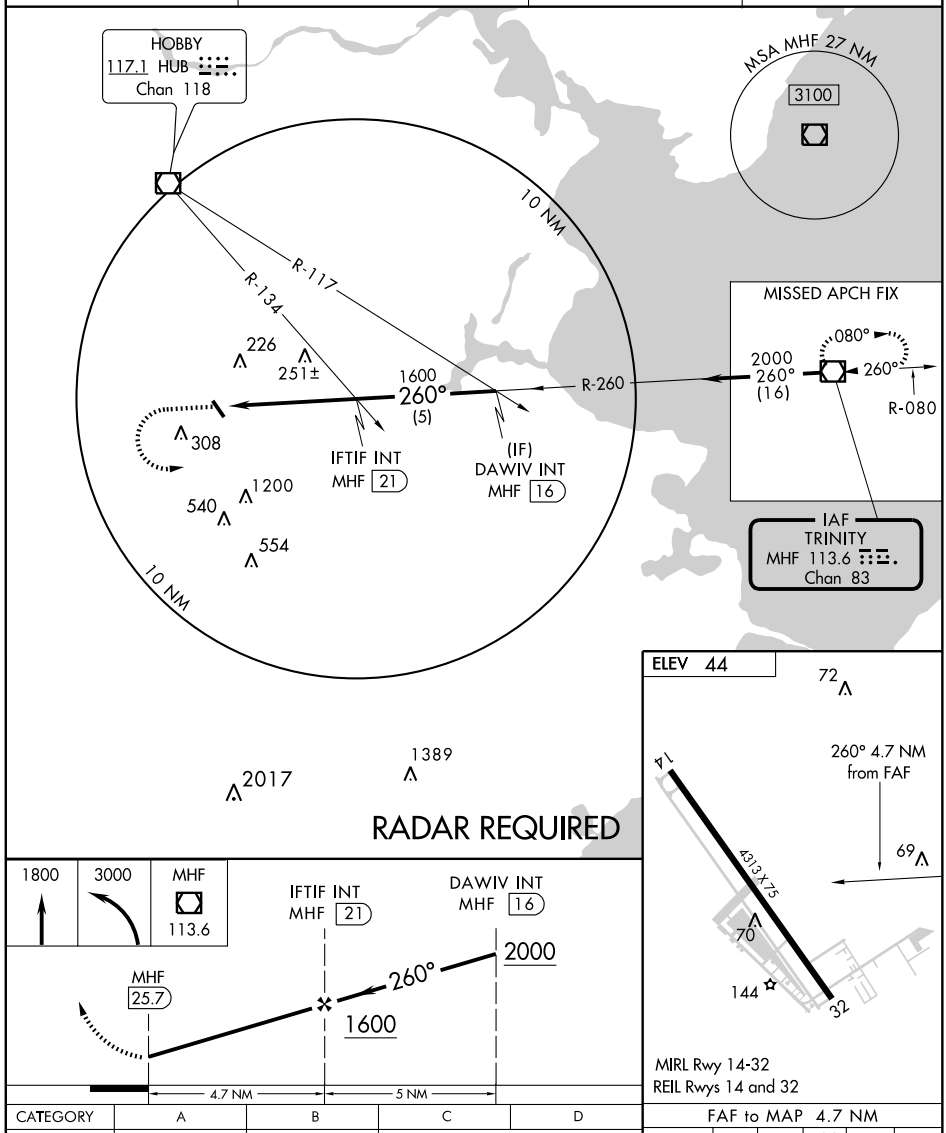
VOR-B

HOUSTON/ PEARLAND RGNL (LVJ)

If local altimeter setting not received, use Houston/William P. Hobby altimeter setting and increase all MDAs 20 feet.

MISSED APPROACH: Climb to 1800 then climbing left turn to 3000 direct MHF VOR/DME and hold.

ASOS	HOUSTON APP CON	CLNC DEL	UNICOM
118.525	134.45 284.0	124.0	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	520-1 476 (500-1)	520-1¼ 476 (500-1¼)	NA	

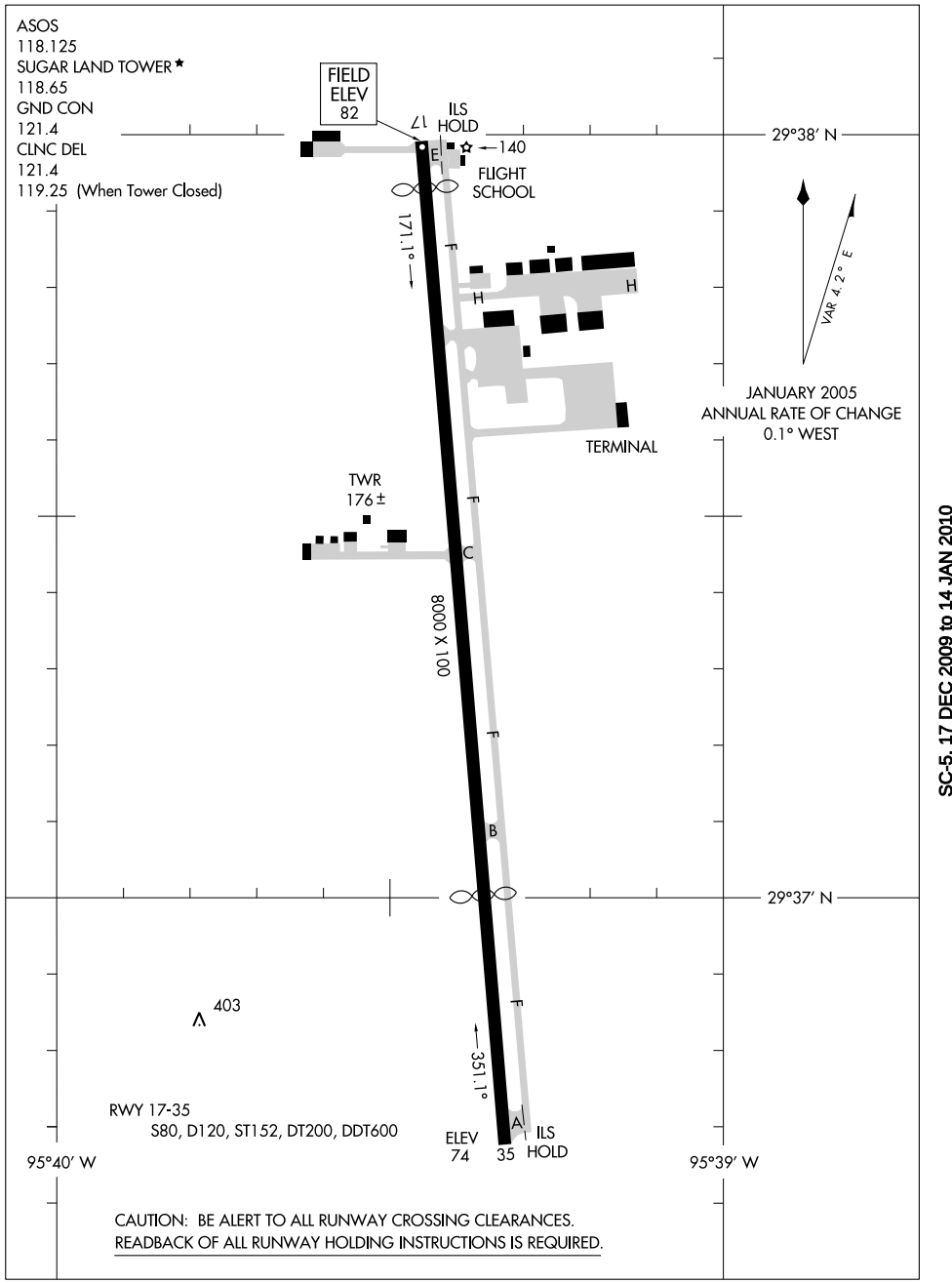
FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-5, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-5537 (FAA)

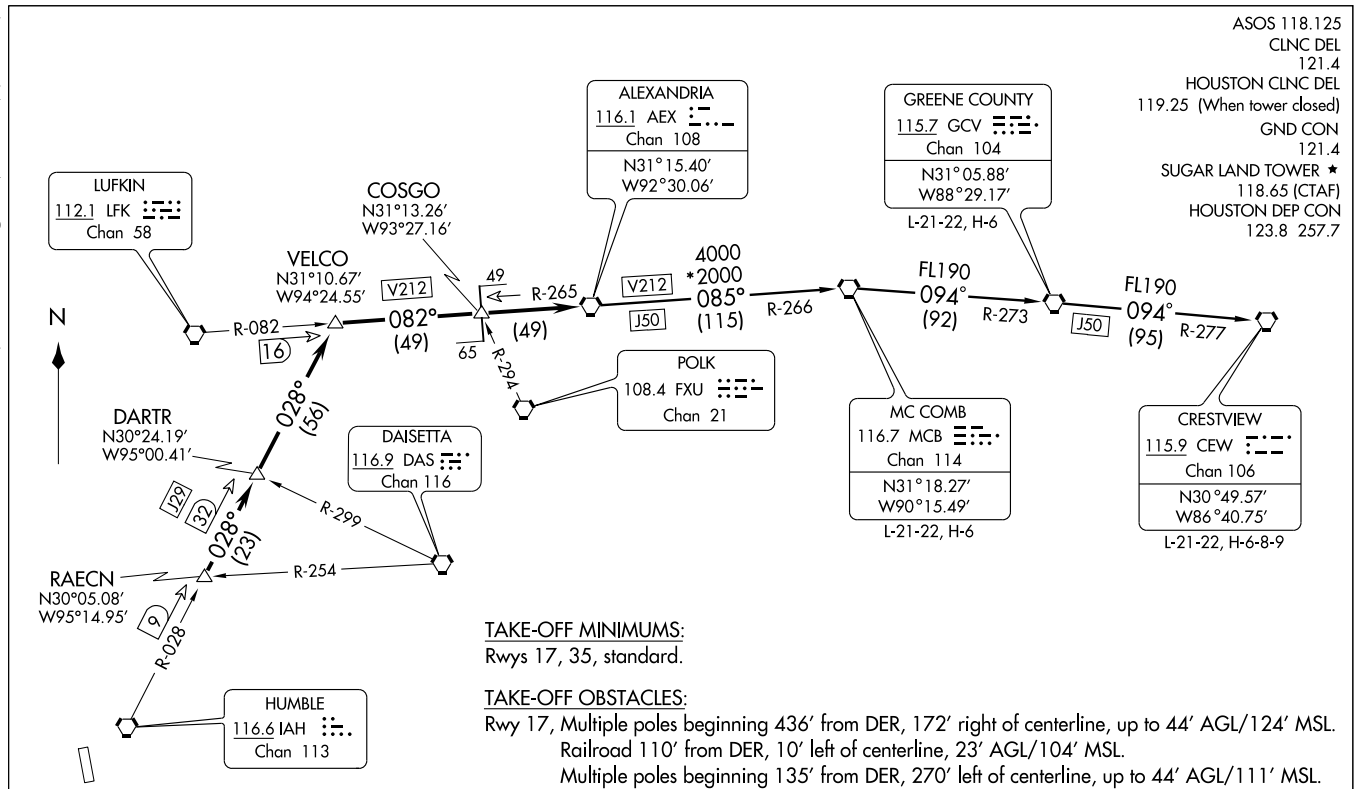
HOUSTON/ SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS



CAUTION: BE ALERT TO ALL RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-5, 17 DEC 2009 to 14 JAN 2010

ASOS 118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7



TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.

TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436′ from DER, 172′ right of centerline, up to 44′ AGL/124′ MSL.
Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL.
Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.
Rwy 35, Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL.
Multiple trees beginning 37′ from DER, 275′ right of centerline, up to 81′ AGL/164′ MSL.
DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL.
Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

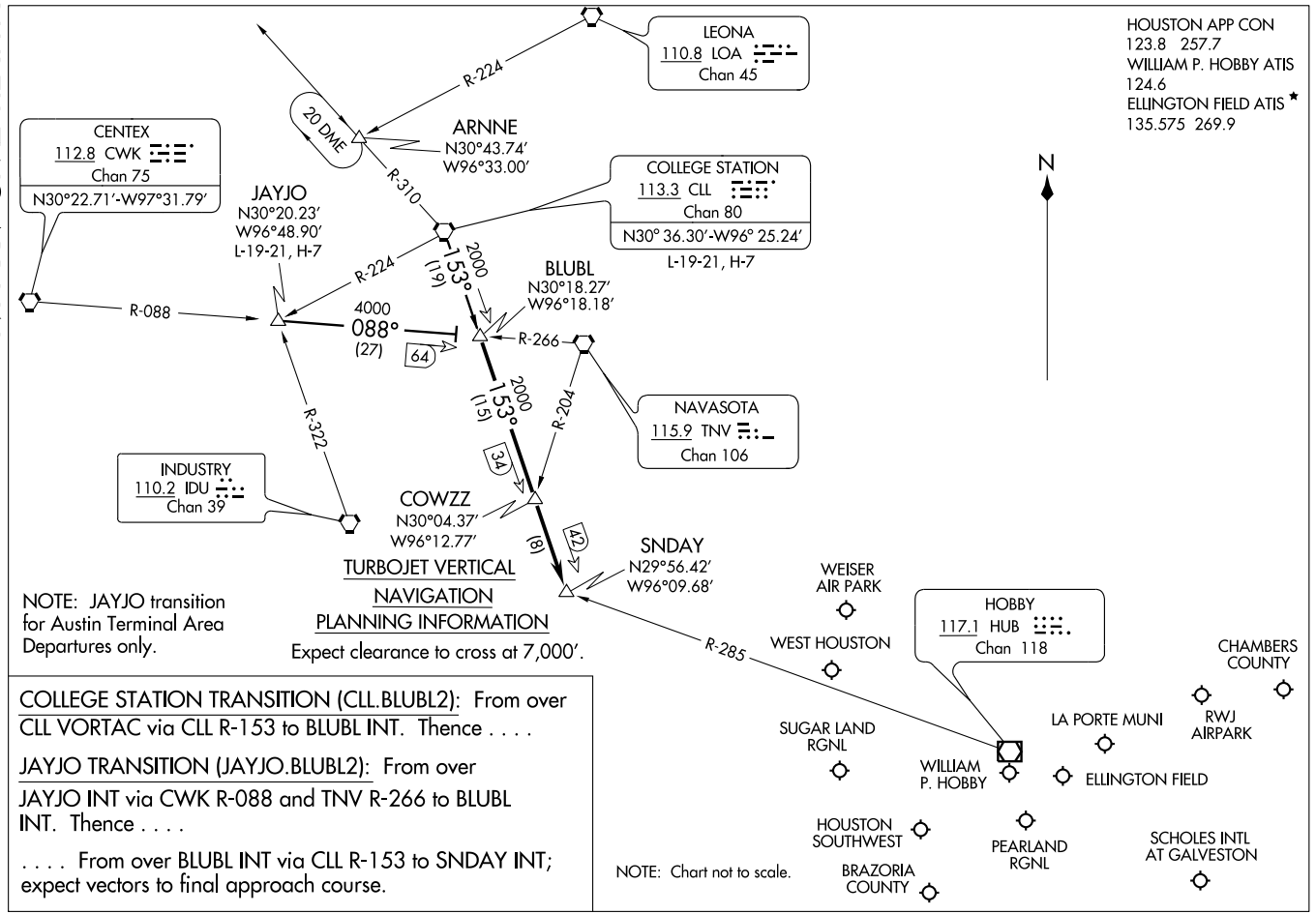
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

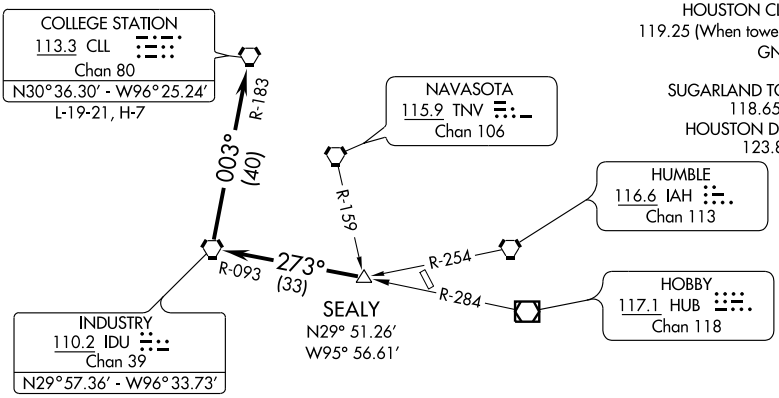
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-5537 (FAA)

HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGARLAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7



TAKE-OFF MINIMUMS:
Rwys 17, 35 standard.

TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL. Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL. Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.
Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL. Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL. DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL. Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

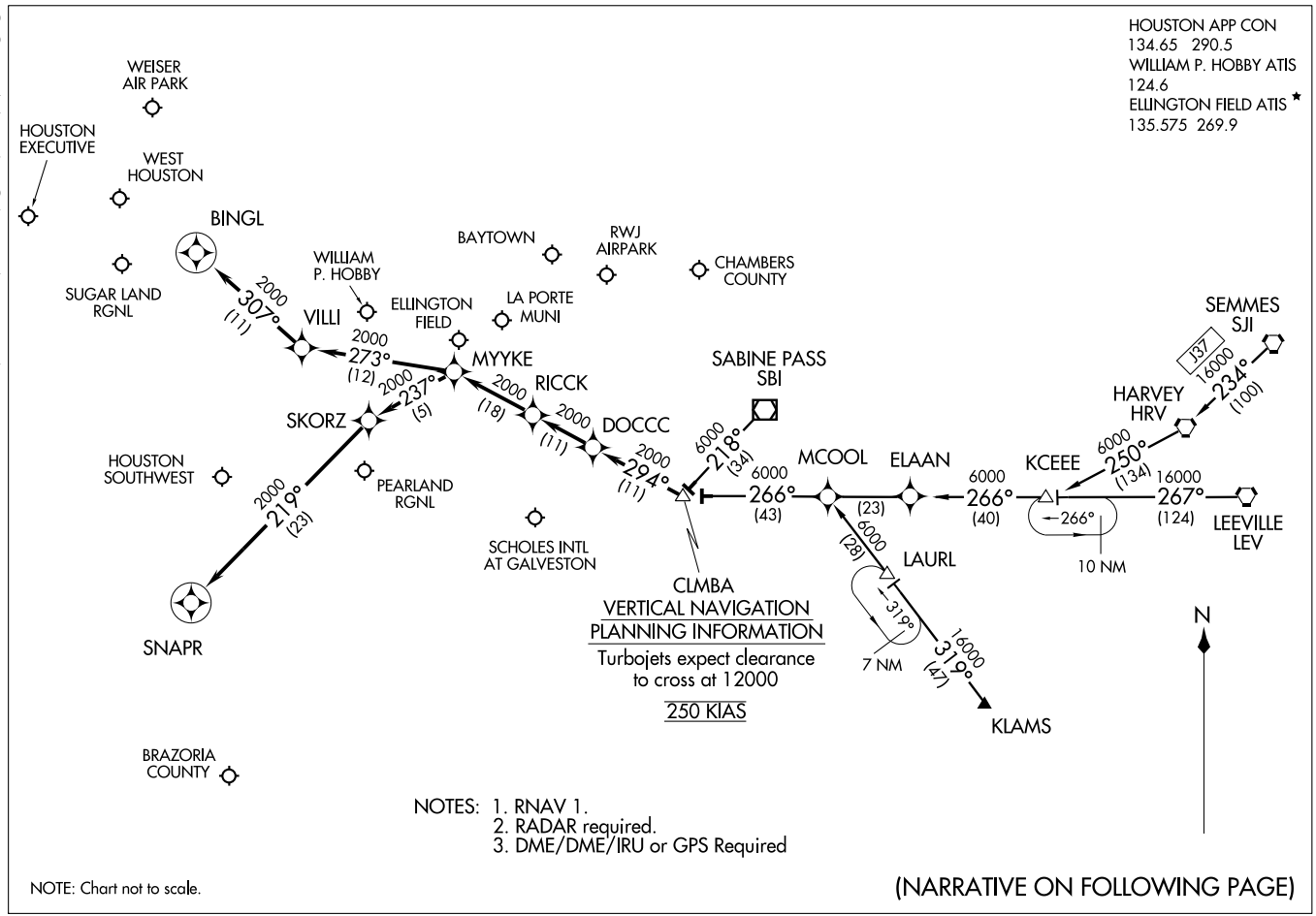
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

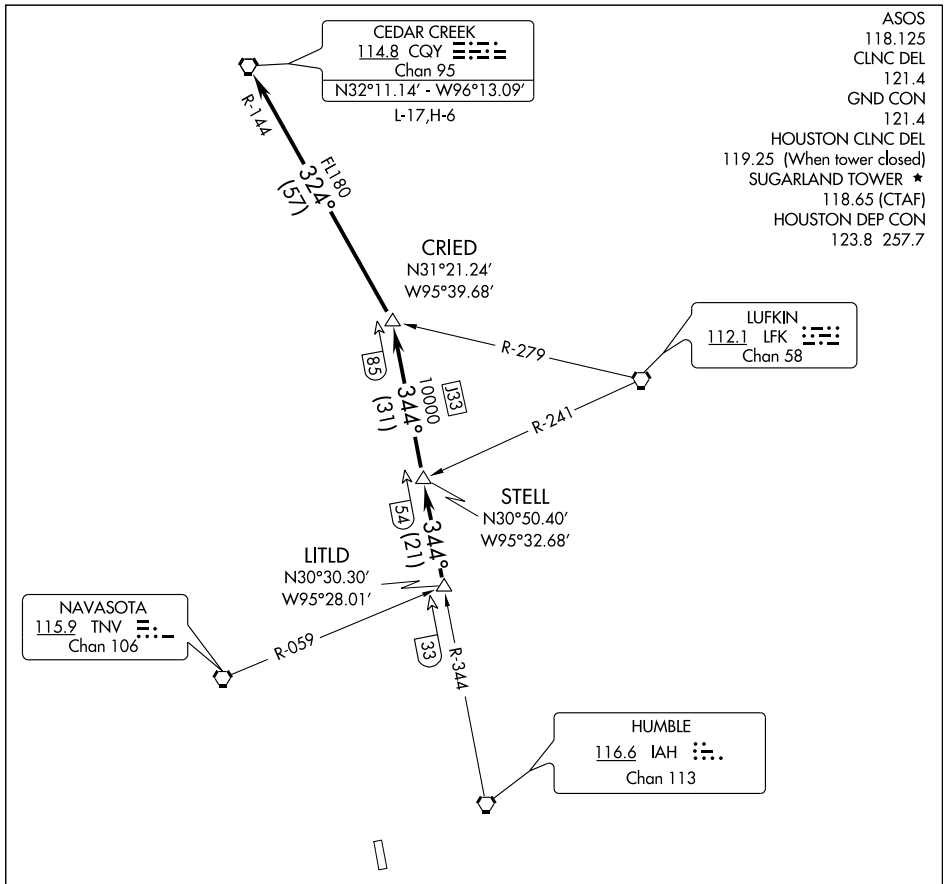
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-5537 (FAA)

HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

TAKE-OFF OBSTACLES:

Rwy 17, Multiple poles beginning 436' from DER, 172 right of centerline, up to 44' AGL/124' MSL. Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL. Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.

Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL. Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL. DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL. Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

SL-5537 (FAA)

HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

ASOS
118.125
CLNC DEL
121.4
GND CON
121.4
HOUSTON CLNC DEL ★
119.25 (When tower closed)
SUGARLAND TOWER
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
9.5

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 17, Multiple poles beginning 436′ from DER, 172′ right of centerline, up to 44′ AGL/ 124′ MSL. Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL. Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.

Rwy 35, Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL. Multiple trees beginning 37′ from DER, 275′ right of centerlline, up to 81′ AGL/ 164′ MSL. DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL. Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-5537 (FAA)

HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGARLAND TOWER*
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7

CEDAR CREEK
114.8 CQY
Chan 95

R-128

LEONA
110.8 LOA
Chan 45

GIFFA
N31° 22.89′
W95° 15.10′
L-19-21, H-6

R-059

85

358°
(54)

MONNT
N30° 28.65′
W95° 18.70′

31

R-358

DAISETTA
116.9 DAS
Chan 116

R-292

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:

Rwy 17, Multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL. Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL.
Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.

Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL.
Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL.
DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL.
Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

LOC I-TXH	APP CRS	Rwy Idg	6016
110.7	350°	TDZE	79
Chan 44		Apt Elev	82

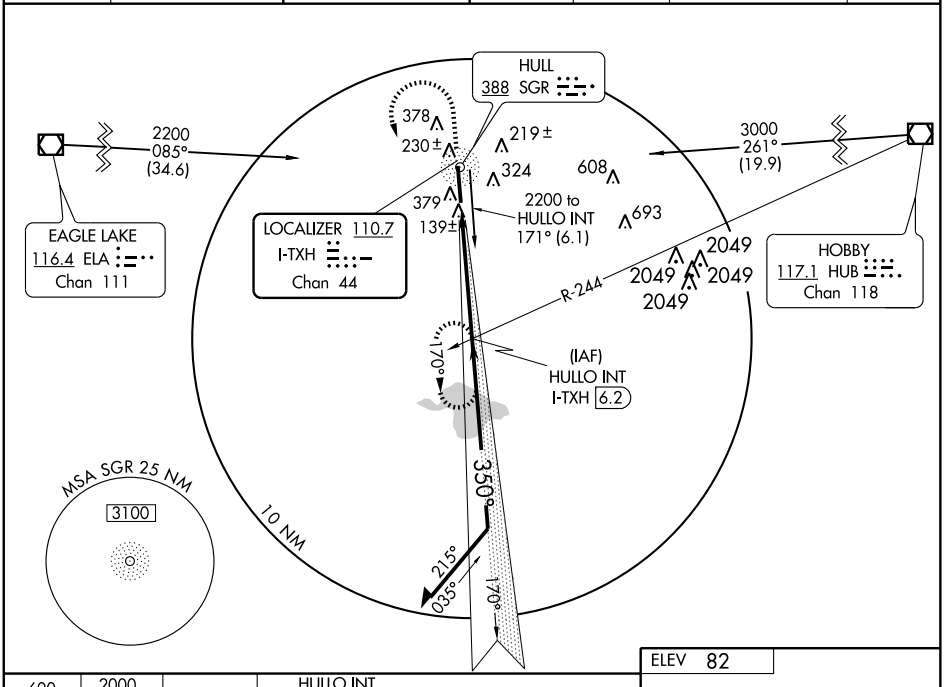
ILS RWY 35

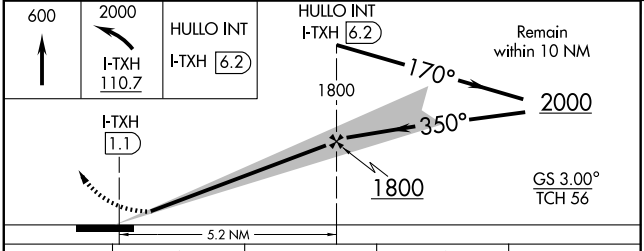
HOUSTON/ SUGAR LAND RGNL (SGR)

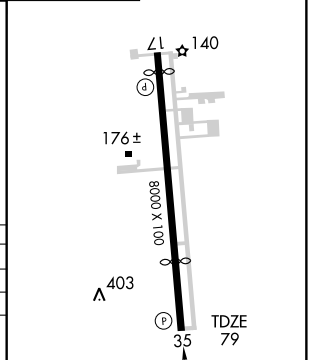
When local altimeter setting not received, use Houston, TX (William P. Hobby) altimeter setting.

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 via I-TXH south course to HULLO Int/I-TXH 6.2 DME and hold.

ASOS	HOUSTON APP CON	SUGAR LAND TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25 (When tower closed)	122.95





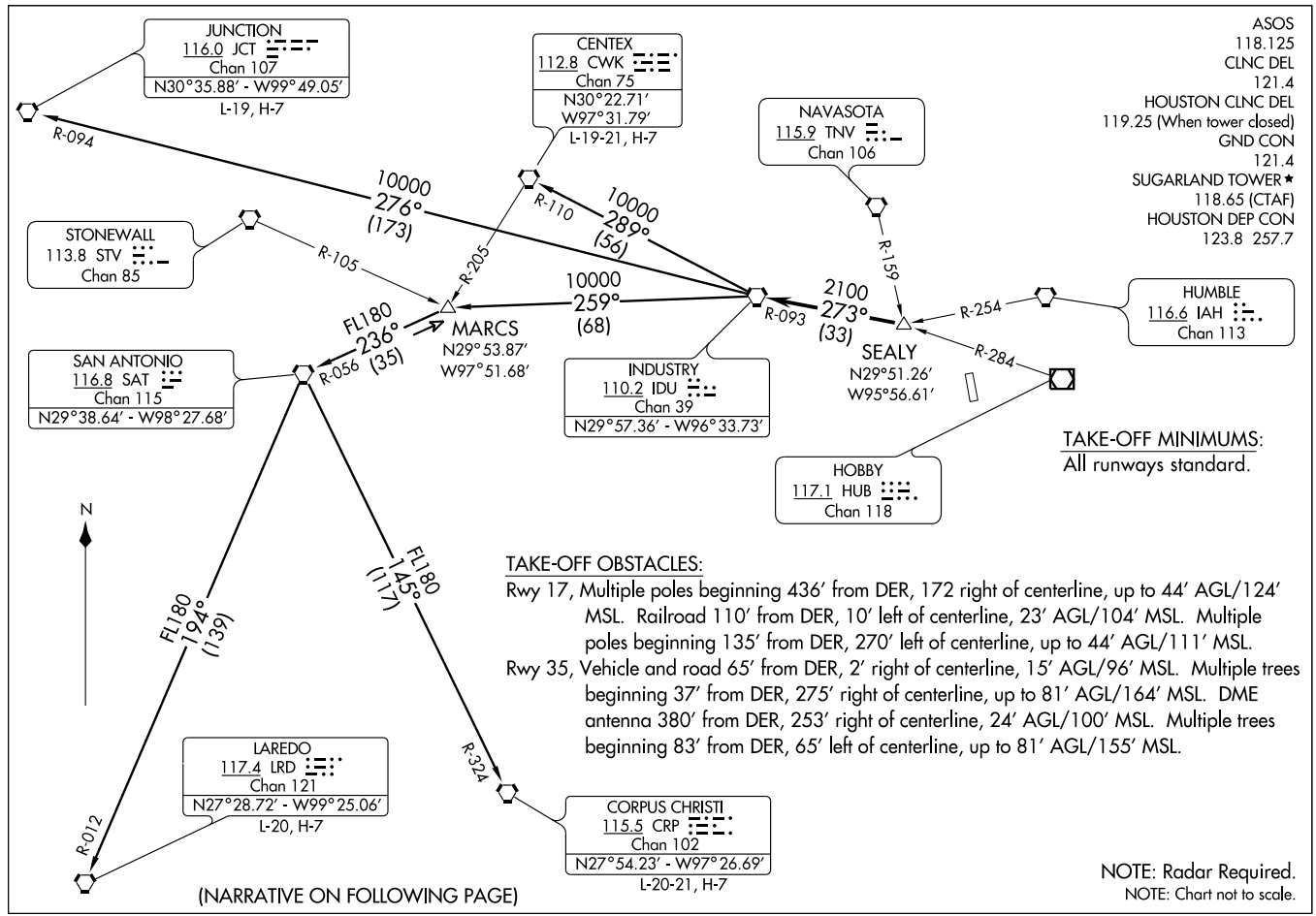


CATEGORY	A	B	C	D
S-ILS 35	279-¾ 200 (200-¾)			
S-LOC 35	400-1 321 (400-1)			
CIRCLING	720-1 638 (700-1)		720-2 638 (700-2)	
HOUSTON, TX (WILLIAM P. HOBBY) ALTIMETER SETTING MINIMUMS				
S-ILS 35	330-¾ 251 (300-¾)			
S-LOC 35	440-1 361 (400-1)		440-1¼ 361 (400-1¼)	
CIRCLING	760-1 678 (700-1)		760-2 678 (700-2)	760-2¼ 678 (700-2¼)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-5, 17 DEC 2009 to 14 JAN 2010


JUNCTION
116.0 JCT
Chan 107
N30°35.88′ - W99°49.05′
L-19, H-7
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVASOTA
115.9 TNV
Chan 106
STONEWALL
113.8 STV
Chan 85
SAN ANTONIO
116.8 SAT
Chan 115
N29°38.64′ - W98°27.68′
MARCS
N29°53.87′
W97°51.68′
INDUSTRY
110.2 IDU
Chan 39
N29°57.36′ - W96°33.73′
SEALY
N29°51.26′
W95°56.61′
HUMBLE
116.6 IAH
Chan 113
HOBBY
117.1 HUB
Chan 118
LAREDO
117.4 LRD
Chan 121
N27°28.72′ - W99°25.06′
L-20, H-7
CORPUS CHRISTI
115.5 CRP
Chan 102
N27°54.23′ - W97°26.69′
L-20-21, H-7
R-094
10000
276°
(173)
R-110
10000
289°
(56)
R-105
R-205
10000
259°
(68)
R-093
2100
273°
(33)
R-159
R-254
R-284
FL180
236°
(35)
R-056
FL180
194°
(139)
FL180
145°
(117)
R-012
R-324
N
ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGARLAND TOWER★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7
TAKE-OFF MINIMUMS:
All runways standard.
TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436′ from DER, 172 right of centerline, up to 44′ AGL/124′ MSL. Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL. Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.
Rwy 35, Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL. Multiple trees beginning 37′ from DER, 275′ right of centerline, up to 81′ AGL/164′ MSL. DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL. Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.
NOTE: Radar Required.
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

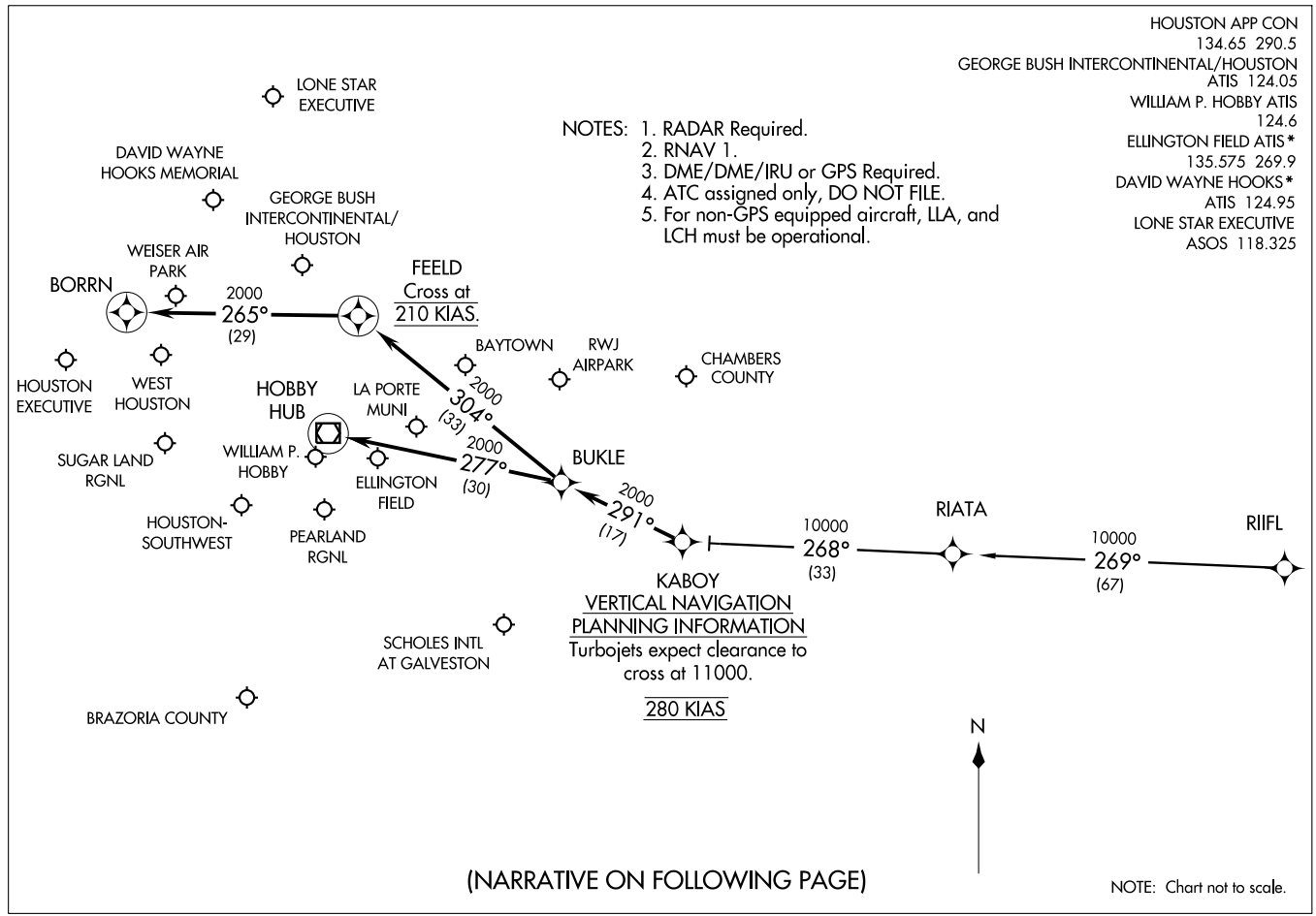
. . . . VIA IDU R-093 to IDU VORTAC.

CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

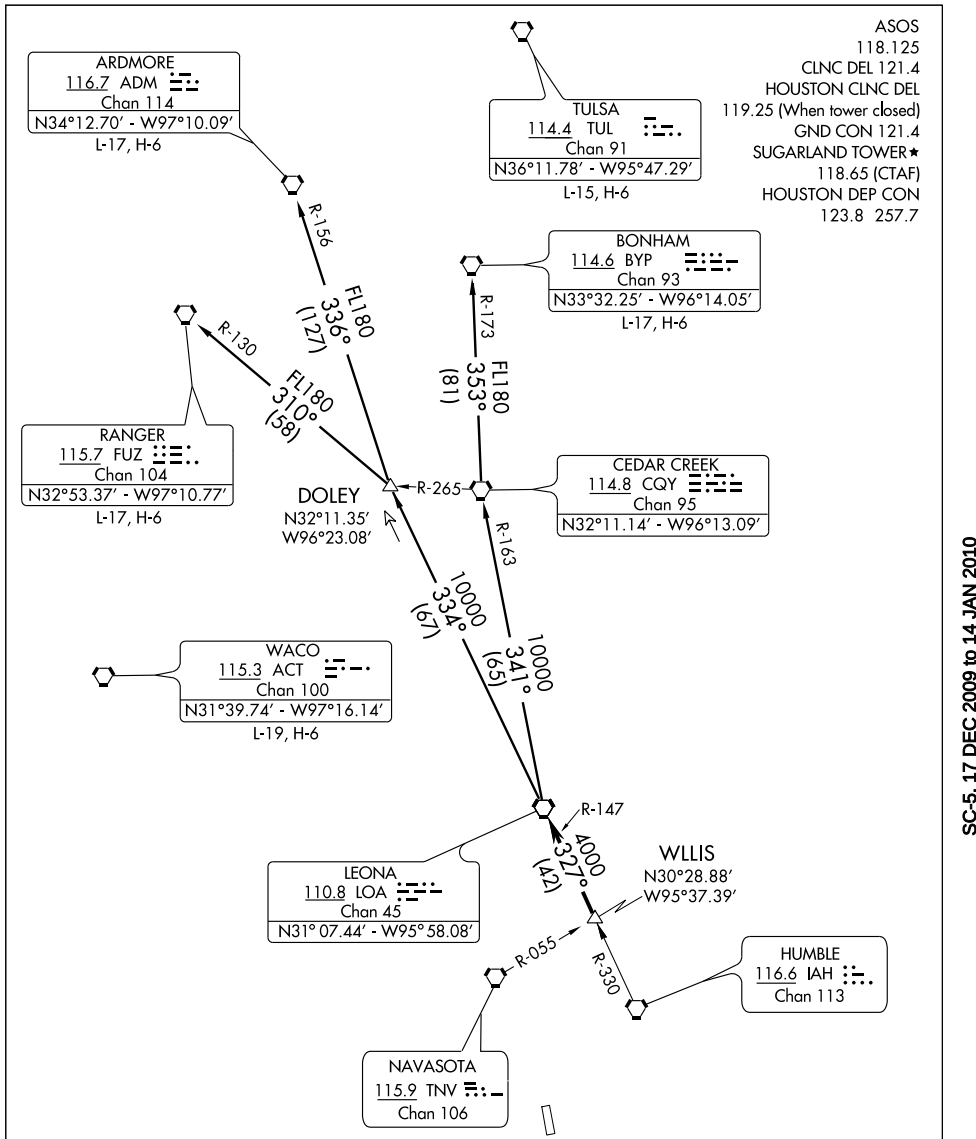
ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE



TAKE-OFF MINIMUMS:
Rwy 17, 35 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

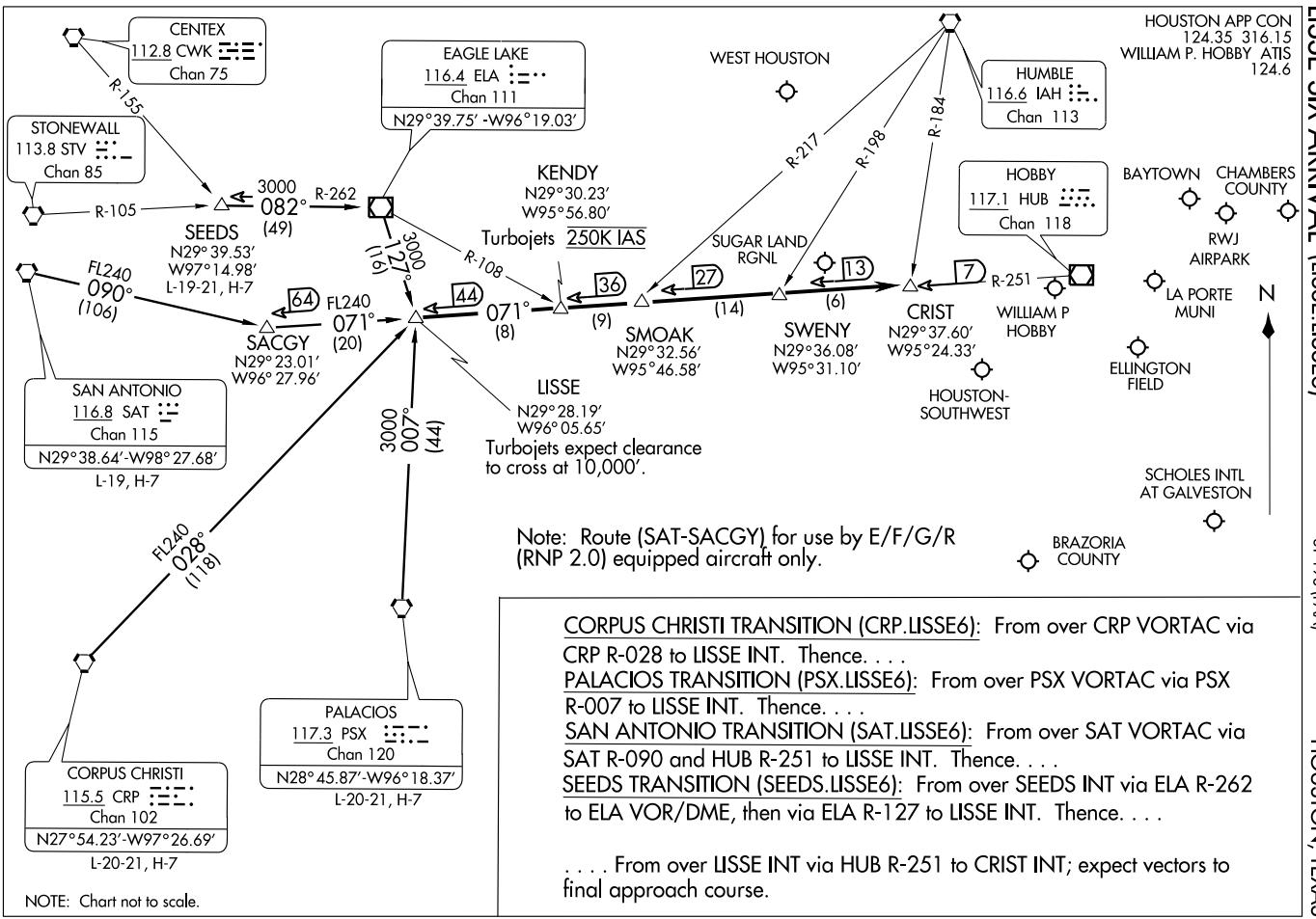
TAKE-OFF OBSTACLES

Rwy 17, Multiple poles 436′ from DER, 172′ right of centerline, up to 44′ AGL/124′ MSL. Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL. Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.
Rwy 35, Multiple trees beginning 37′ from DER, 275′ right of centerline, up to 81′ AGL/164′ MSL. Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL. DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL. Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

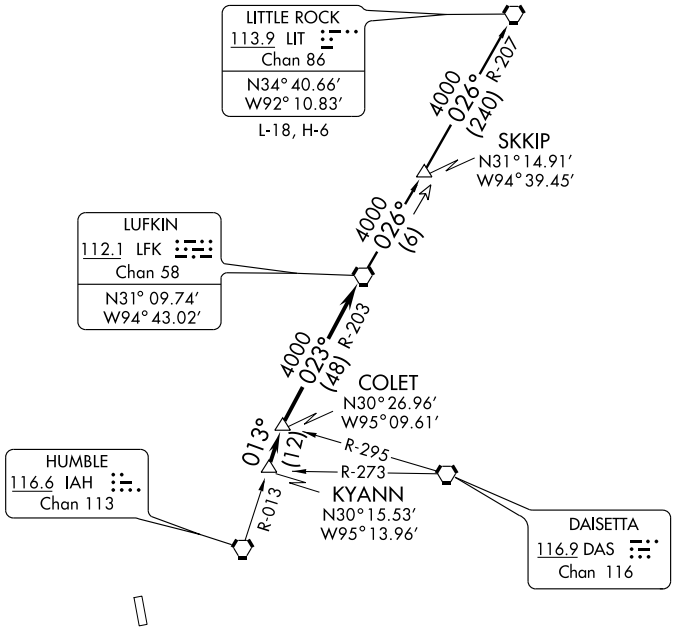
. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

SL-5537 (FAA)

HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65 (CTAF)
HOUSTON DEP CON
123.8 257.7



TAKE-OFF MINIMUMS:

Rwy 17, 35, standard.

NOTE: Radar Required.

NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:

Rwy 17, Multiple poles beginning 436′ from DER, 172′ right of centerline, up to 44′ AGL/124′ MSL. Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL. Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.

Rwy 35, Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL. Multiple trees beginning 37′ from DER, 275′ right of centerline, up to 81′ AGL/164′ MSL. DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL. Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB SGR	APP CRS	Rwy Idg	7620
388	168°	TDZE	82
		Apt Elev	82

NDB RWY 17

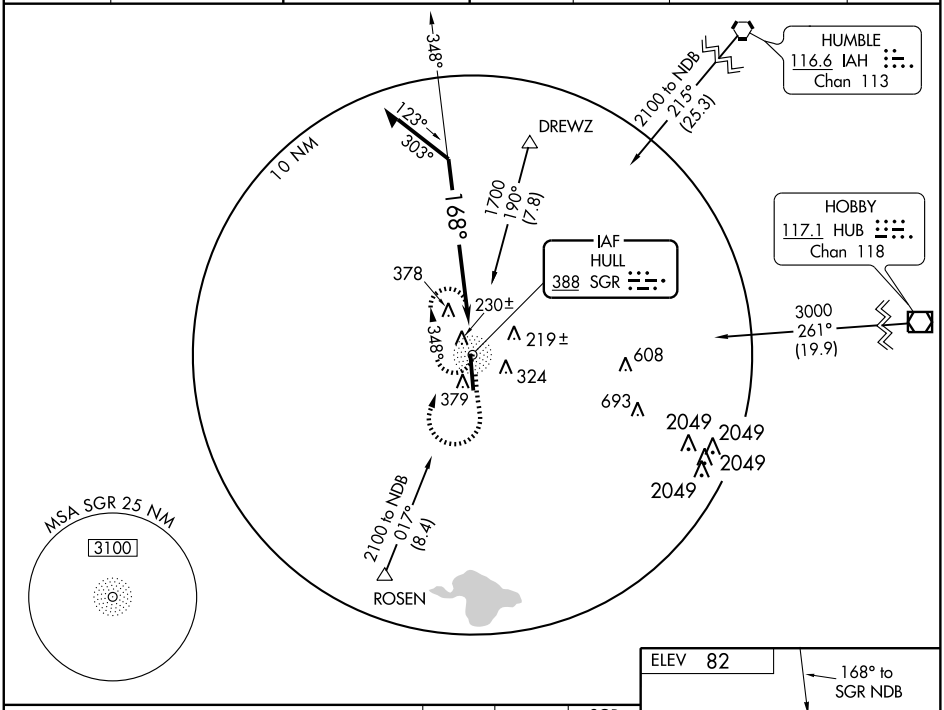
HOUSTON/ SUGAR LAND RGNL (SGR)

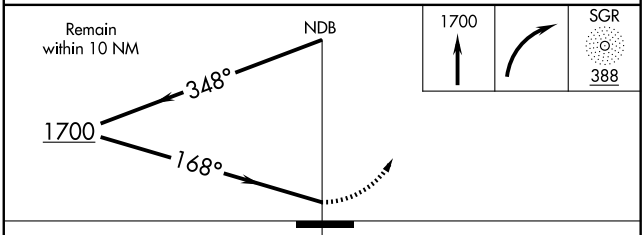
When local altimeter setting not received, use Houston, TX (William P. Hobby) altimeter setting.

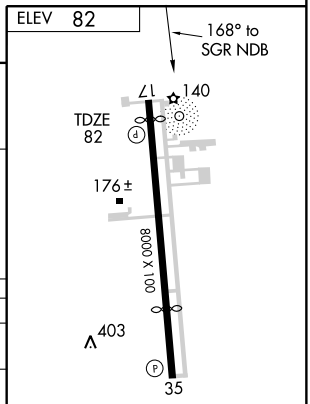
NA

MISSED APPROACH: Climb to 1700 then right turn direct SGR NDB and hold.

ASOS	HOUSTON APP CON	SUGAR LAND TOWER ★	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25 (When tower closed)	122.95





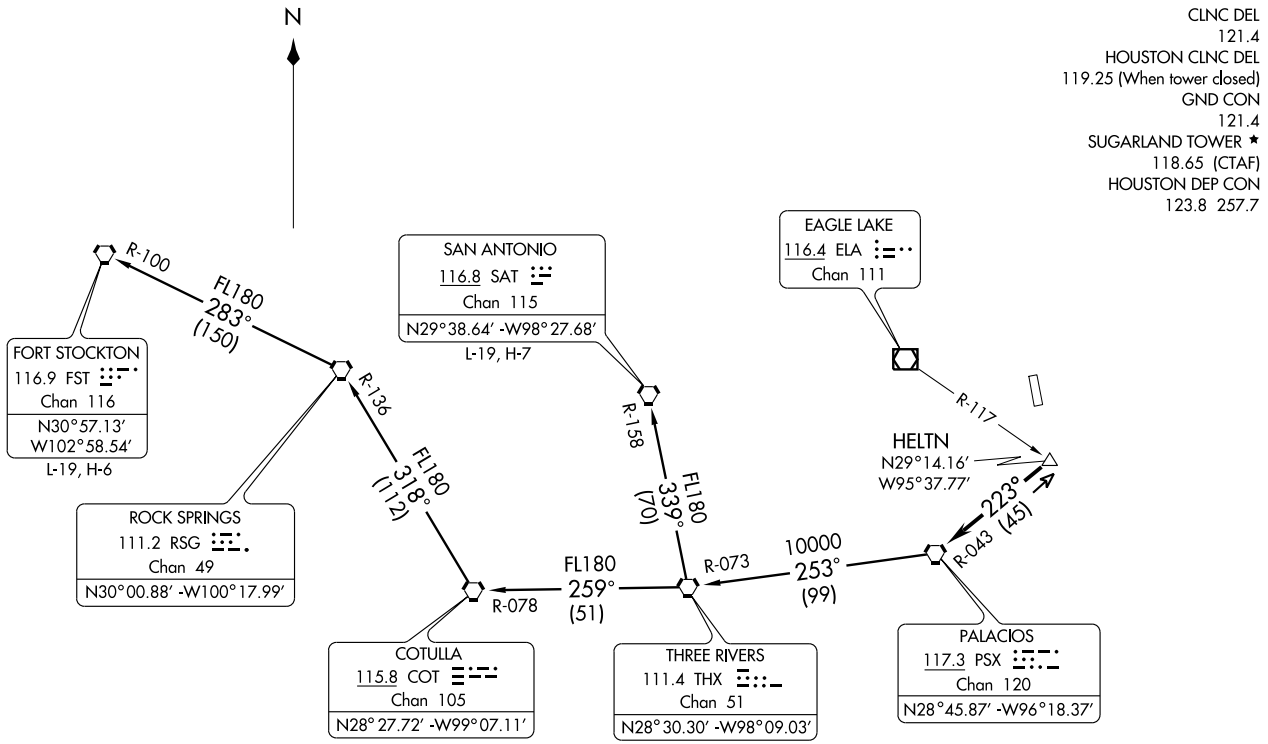


CATEGORY	A	B	C	D
S-17	840-1 758 (800-1)	840-1¼ 758 (800-1¼)	840-2¼ 758 (800-2¼)	840-2½ 758 (800-2½)
CIRCLING	840-1 758 (800-1)	840-1¼ 758 (800-1¼)	840-2¼ 758 (800-2¼)	840-2½ 758 (800-2½)
HOUSTON, TX (WILLIAM P. HOBBY) ALTIMETER SETTING MINIMUMS				
S-17	900-1 818 (900-1)	900-1¼ 818 (900-1¼)	900-2½ 818 (900-2½)	900-2¾ 818 (900-2¾)
CIRCLING	900-1 818 (900-1)	900-1¼ 818 (900-1¼)	900-2½ 818 (900-2½)	900-2¾ 818 (900-2¾)

REIL Rwys 17 and 35 L

HIRL Rwy 17-35 L

SC-5, 17 DEC 2009 to 14 JAN 2010



TAKE-OFF MINIMUMS:
Rwys 17, 35, standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 17, Multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL.
Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL.
Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.
Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL.
Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL.
DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL.
Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

WAAS	APP CRS	Rwy Idg	7620
CH 82513	170°	TDZE	82
W17A		Apt Elev	82

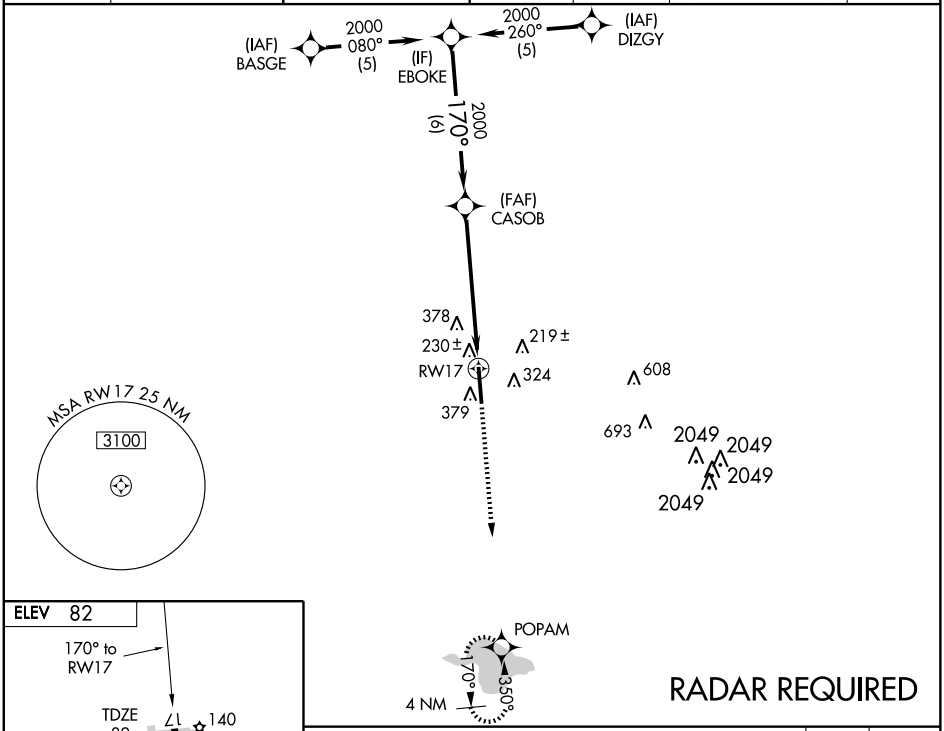
RNAV (GPS) RWY 17

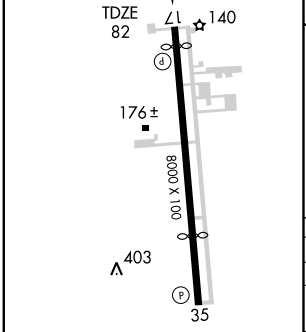
HOUSTON/ SUGAR LAND RGNL (SGR)

Baro-VNAV NA when using Houston (William P. Hobby) altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Houston (William P. Hobby) altimeter setting and increase all DA/MDA 60 feet, increase LPV all Cats, LNAV/VNAV all Cats, LNAV Cats C/D and Circling Cats C/D visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct POPAM and hold.

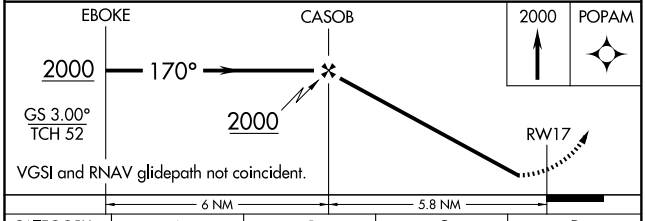
ASOS	HOUSTON APP CON	SUGAR LAND TOWER *	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25 (When tower closed)	122.95





REIL Rwys 17 and 35 L
HIRL Rwy 17-35 L

RADAR REQUIRED



CATEGORY	A	B	C	D
LPV DA	398-1 316 (400-1)			
LNAV/VNAV DA	696-2 614 (700-2)			
LNAV MDA	640-1 558 (600-1)		640-1½ 558 (600-1½)	640-1¾ 558 (600-1¾)
CIRCLING	720-1 638 (700-1)		720-1¾ 638 (700-1¾)	720-2 638 (700-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 56219 W35A	APP CRS 350°	Rwy Idg 6016 TDZE 79 Apt Elev 82

RNAV (GPS) RWY 35

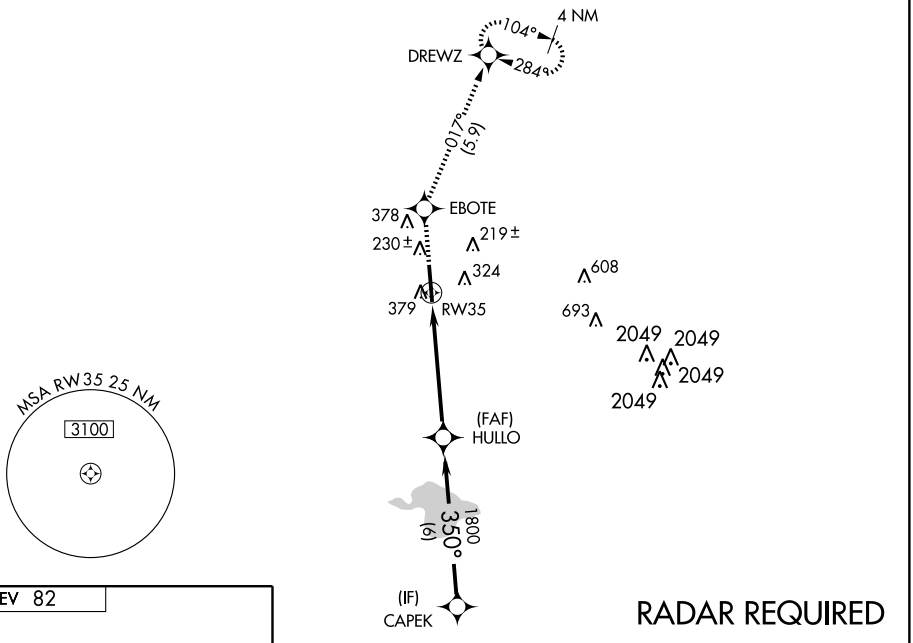
HOUSTON/ SUGAR LAND RGNL (SGR)

DME/DME RNP-0.3 NA.
When local altimeter setting not received, use Houston (William P. Hobby) altimeter setting and increase all DAs/MDAs 60 feet.
Baro-VNAV NA below -15°C (5°F).
Baro-VNAV and VDP NA when using Houston (William P. Hobby) altimeter setting.

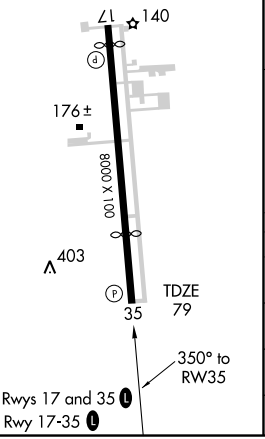
NA

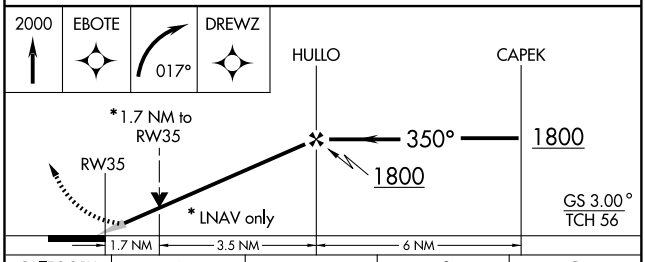
MISSED APPROACH: Climb to 2000 direct EBOTE and right turn via 017° track to DREWZ and hold.

ASOS	HOUSTON APP CON	SUGAR LAND TOWER*	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25 (When tower closed)	122.95



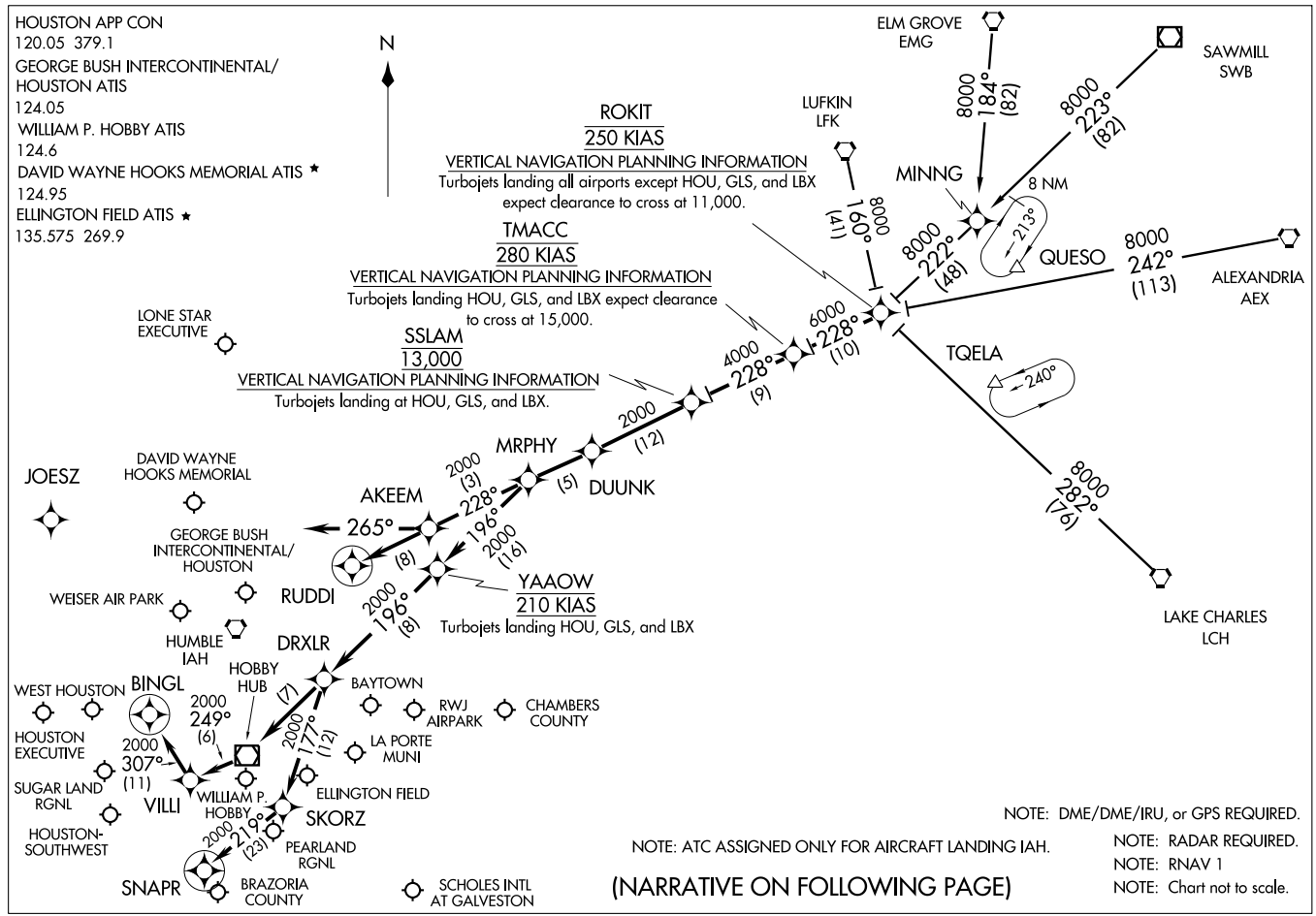
ELEV 82





CATEGORY	A	B	C	D
LPV DA	330-¾ 251 (300-¾)			
LNAV/ VNAV DA	660-2 581 (600-2)			
LNAV MDA	660-1 581 (600-1)		660-1½ 581 (600-1½)	660-1¾ 581 (600-1¾)
CIRCLING	720-2 638 (700-2)			

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

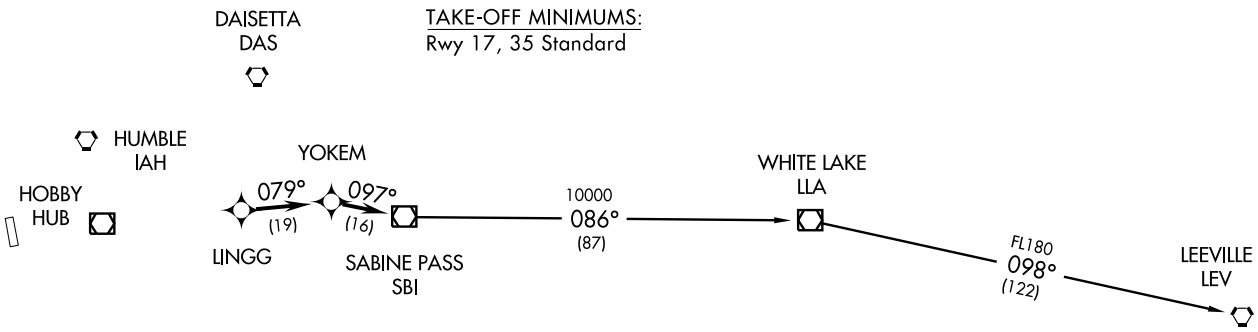
FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

ASOS 118.125
CLNC DEL 121.4
GND CON 121.4
HOUSTON CLNC DEL 119.25 (When tower closed)
SUGARLAND TOWER ★ 118.65 (CTAF)
HOUSTON DEP CON 123.8 257.7

TAKE-OFF MINIMUMS:
Rwy 17, 35 Standard



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL. Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL. Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.
Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL. Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL. DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL. Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

NOTE: Chart not to scale.

SABINE PASS ONE DEPARTURE (RNAV)

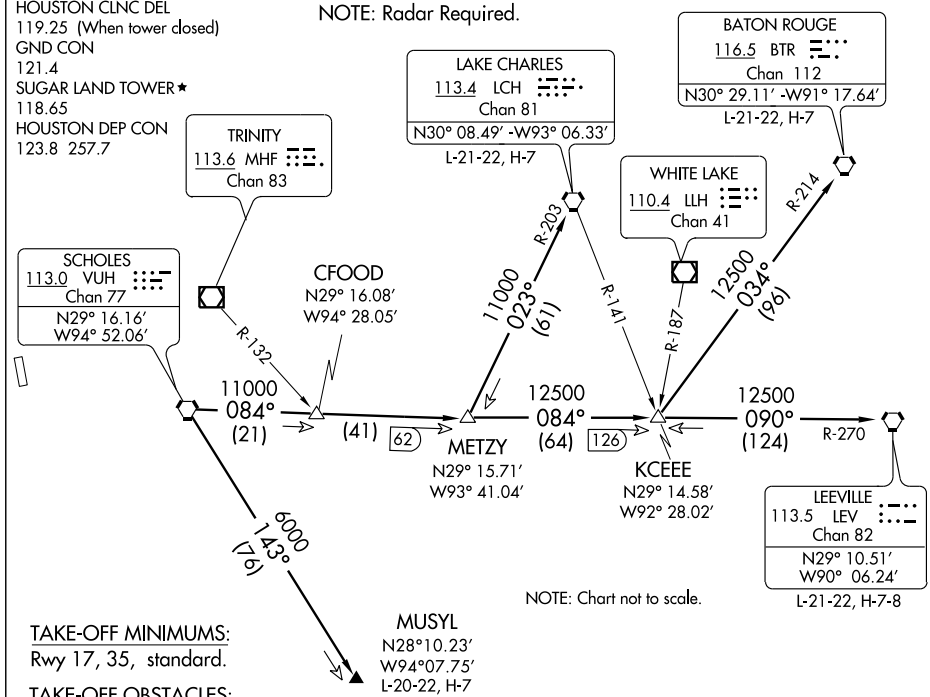
(SBI1.SBI) 09071
SI-5537 (FAA)
HOUSTON/SUGAR LAND RGNL (SGR)
HOUSTON, TEXAS

SCHOLES THREE DEPARTURE

SL-5537 (FAA)

ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGAR LAND TOWER★
118.65
HOUSTON DEP CON
123.8 257.7

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436′ from DER, 172′ right of centerline, up to 44′ AGL/124′ MSL. Railroad 110′ from DER, 10′ left of centerline, 23′ AGL/104′ MSL. Multiple poles beginning 135′ from DER, 270′ left of centerline, up to 44′ AGL/111′ MSL.
Rwy 35, Vehicle and road 65′ from DER, 2′ right of centerline, 15′ AGL/96′ MSL. Multiple trees beginning 37′ from DER, 275′ right of centerline, up to 81′ AGL/164′ MSL. DME antenna 380′ from DER, 253′ right of centerline, 24′ AGL/100′ MSL. Multiple trees beginning 83′ from DER, 65′ left of centerline, up to 81′ AGL/155′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

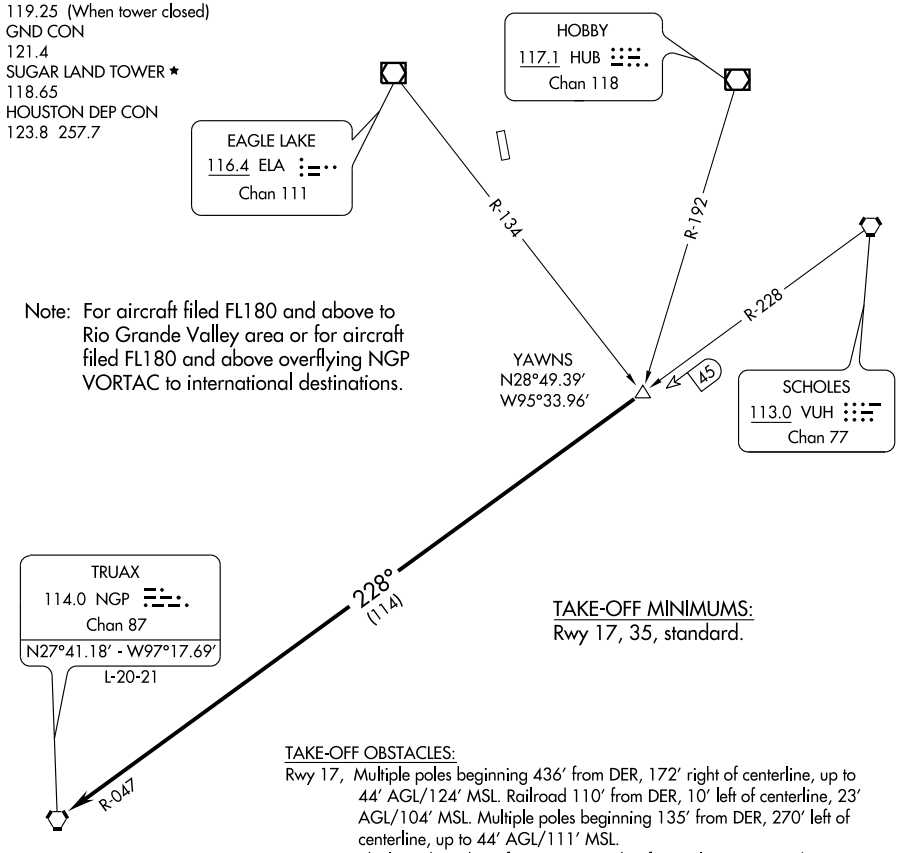
MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

TRUAX TWO DEPARTURE

SL-5537 (FAA)

ASOS
118.125
CLNC DEL
121.4
HOUSTON CLNC DEL
119.25 (When tower closed)
GND CON
121.4
SUGAR LAND TOWER ★
118.65
HOUSTON DEP CON
123.8 257.7



Note: For aircraft filed FL180 and above to Rio Grande Valley area or for aircraft filed FL180 and above overflying NGP VORTAC to international destinations.

TAKE-OFF MINIMUMS:
Rwy 17, 35, standard.

TAKE-OFF OBSTACLES:
Rwy 17, Multiple poles beginning 436' from DER, 172' right of centerline, up to 44' AGL/124' MSL. Railroad 110' from DER, 10' left of centerline, 23' AGL/104' MSL. Multiple poles beginning 135' from DER, 270' left of centerline, up to 44' AGL/111' MSL.
Rwy 35, Vehicle and road 65' from DER, 2' right of centerline, 15' AGL/96' MSL. Multiple trees beginning 37' from DER, 275' right of centerline, up to 81' AGL/164' MSL. DME antenna 380' from DER, 253' right of centerline, 24' AGL/100' MSL. Multiple trees beginning 83' from DER, 65' left of centerline, up to 81' AGL/155' MSL.

NOTE: Chart not to scale.

NOTE: Radar Required.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to YAWNS INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence....

. . . . via VUH R-228 and NGP R-047 to NGP VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME HUB	APP CRS	Rwy Idg	N/A
117.1	080°	TDZE	N/A
Chan 118		Apt Elev	82

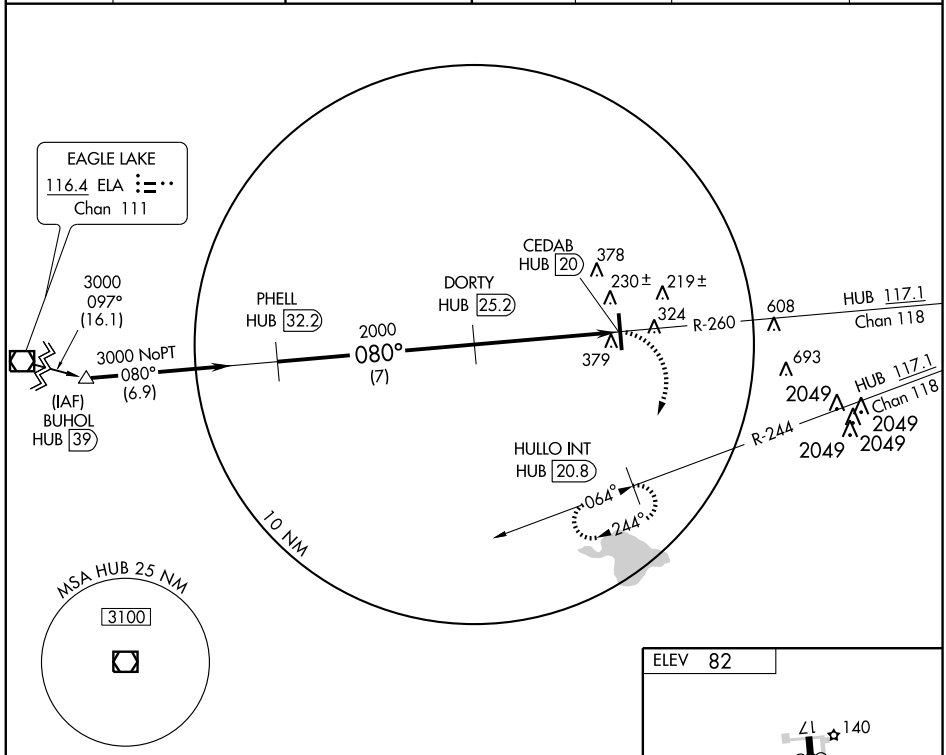
VOR/DME-A

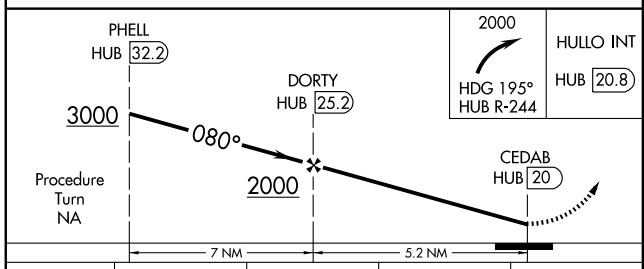
HOUSTON/ SUGAR LAND RGNL (SGR)

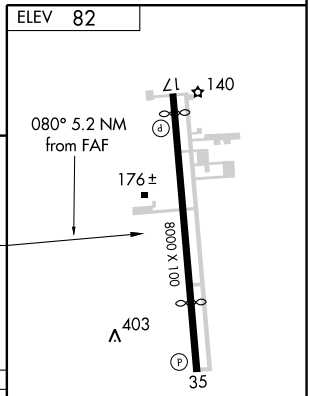
▼ NA — When local altimeter setting not received, use Houston, TX (William P. Hobby) altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 via heading 195° and HUB R-244 to HULLO Int/HUB 20.8 DME and hold.

ASOS	HOUSTON APP CON	SUGAR LAND TOWER*	GND CON	CLNC DEL	HOUSTON CLNC DEL	UNICOM
118.125	123.8 257.7	118.65 (CTAF) L	121.4	121.4	119.25 (When tower closed)	122.95







CATEGORY	A	B	C	D
CIRCLING	720-1 638 (700-1)		720-1¾ 638 (700-1¾)	720-2 638 (700-2)
HOUSTON (WILLIAM P. HOBBY) ALTIMETER SETTING MINIMUMS				
CIRCLING	760-1 678 (700-1)		760-2 678 (700-2)	760-2¼ 678 (700-2¼)

REIL Rwys 17 and 35 L
HIRL Rwy 17-35 L

SC-5, 17 DEC 2009 to 14 JAN 2010

HOUSTON, TEXAS

AL-6727 (FAA)

VORTAC TNV	APP CRS	Rwy Idg	N/A
115.9	118°	TDZE	N/A
Chan 106		Apt Elev	166

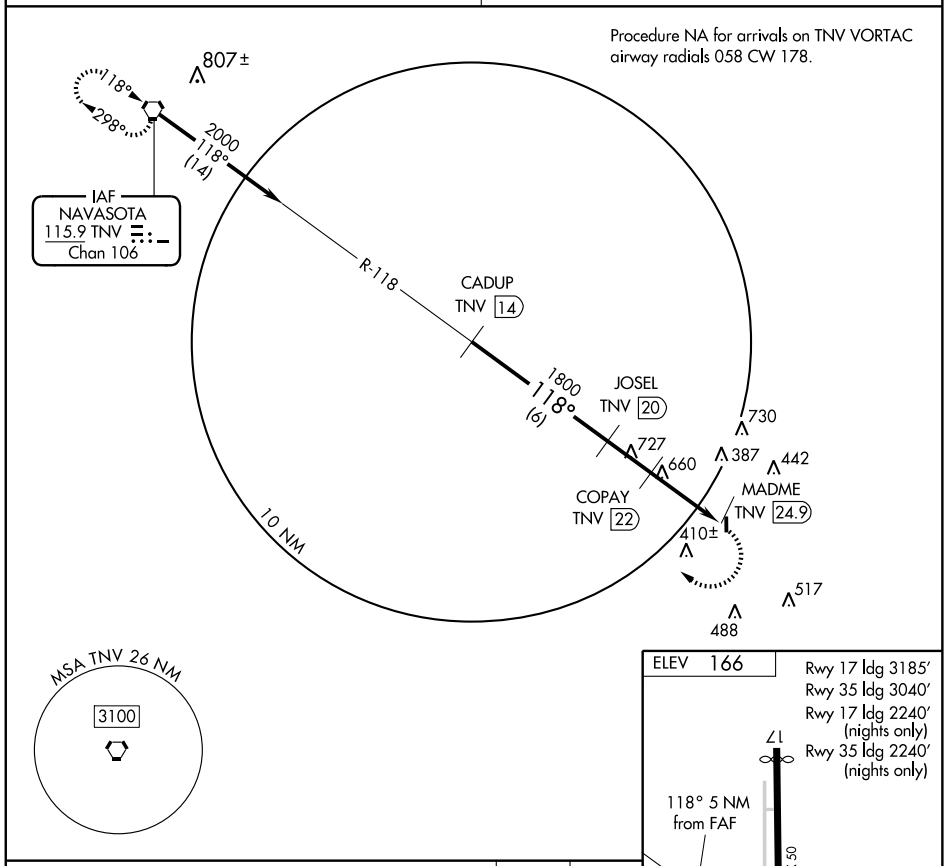
VOR/DME-C

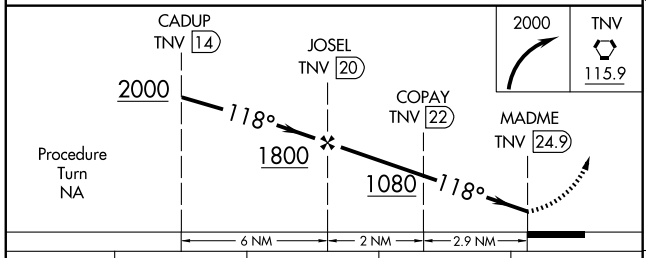
HOUSTON/DAN JONES INTL (T51)

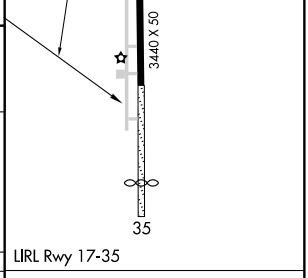
NA Use George Bush Intercontinental/Houston altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 direct to TNV VORTAC and hold.

HOUSTON APP CON	UNICOM
119.7 281.4	122.8 (CTAF)







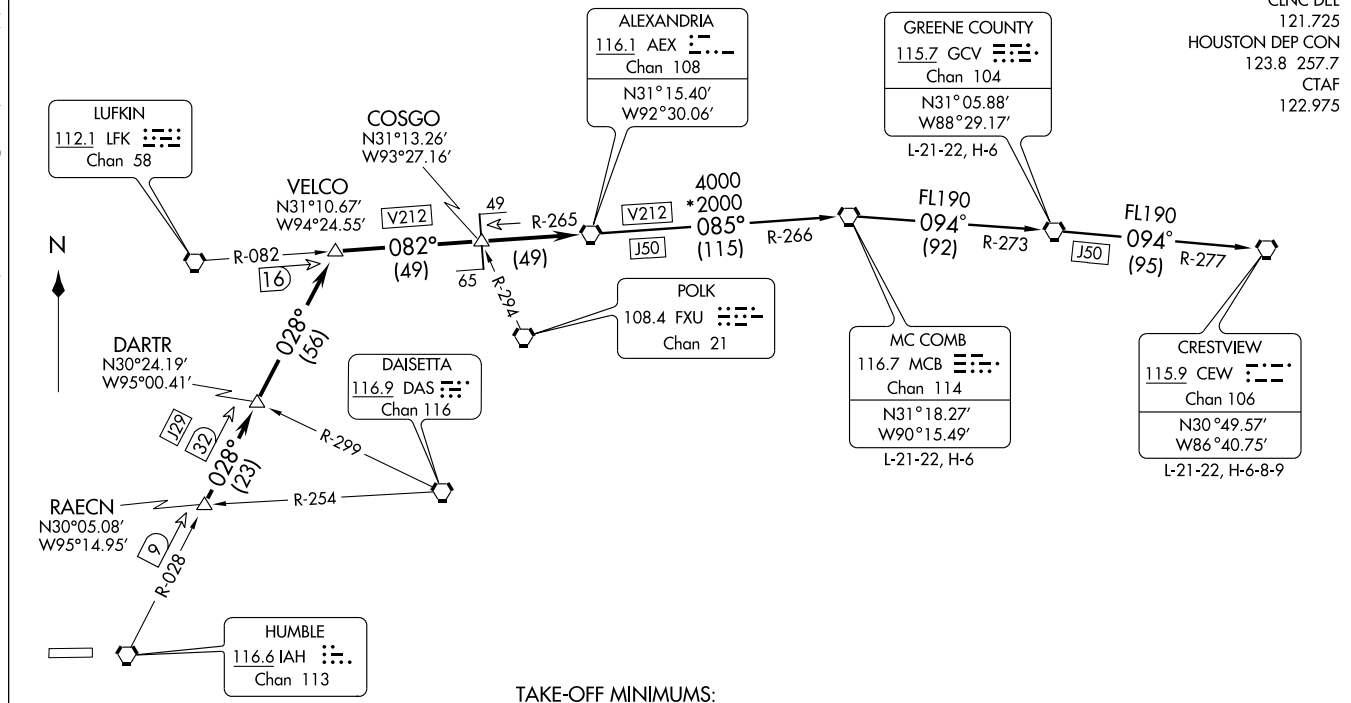
CATEGORY	A	B	C	D
CIRCLING	960-1 794 (800-1)	960-1¼ 794 (800-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

ALEXANDRIA FOUR DEPARTURE

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975



TAKE-OFF MINIMUMS:
Rwys 18, 36, standard.

TAKE-OFF OBSTACLE:
Rwy 36, Power poles from left to right beginning 703′ from DER, 623′ left to 685′ right of centerline, up to 32′ AGL/196′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

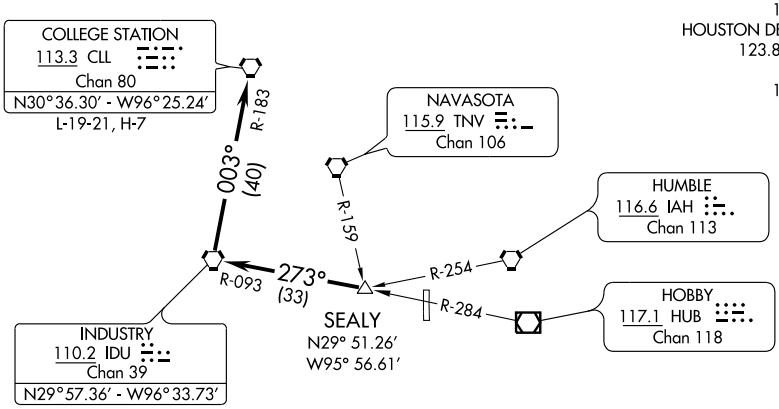
SC-5, 17 DEC 2009 to 14 JAN 2010

COLLEGE TWO DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS

ASOS-A
118.325
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975



TAKE-OFF MINIMUMS:
Rwy 18, 36 standard.

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

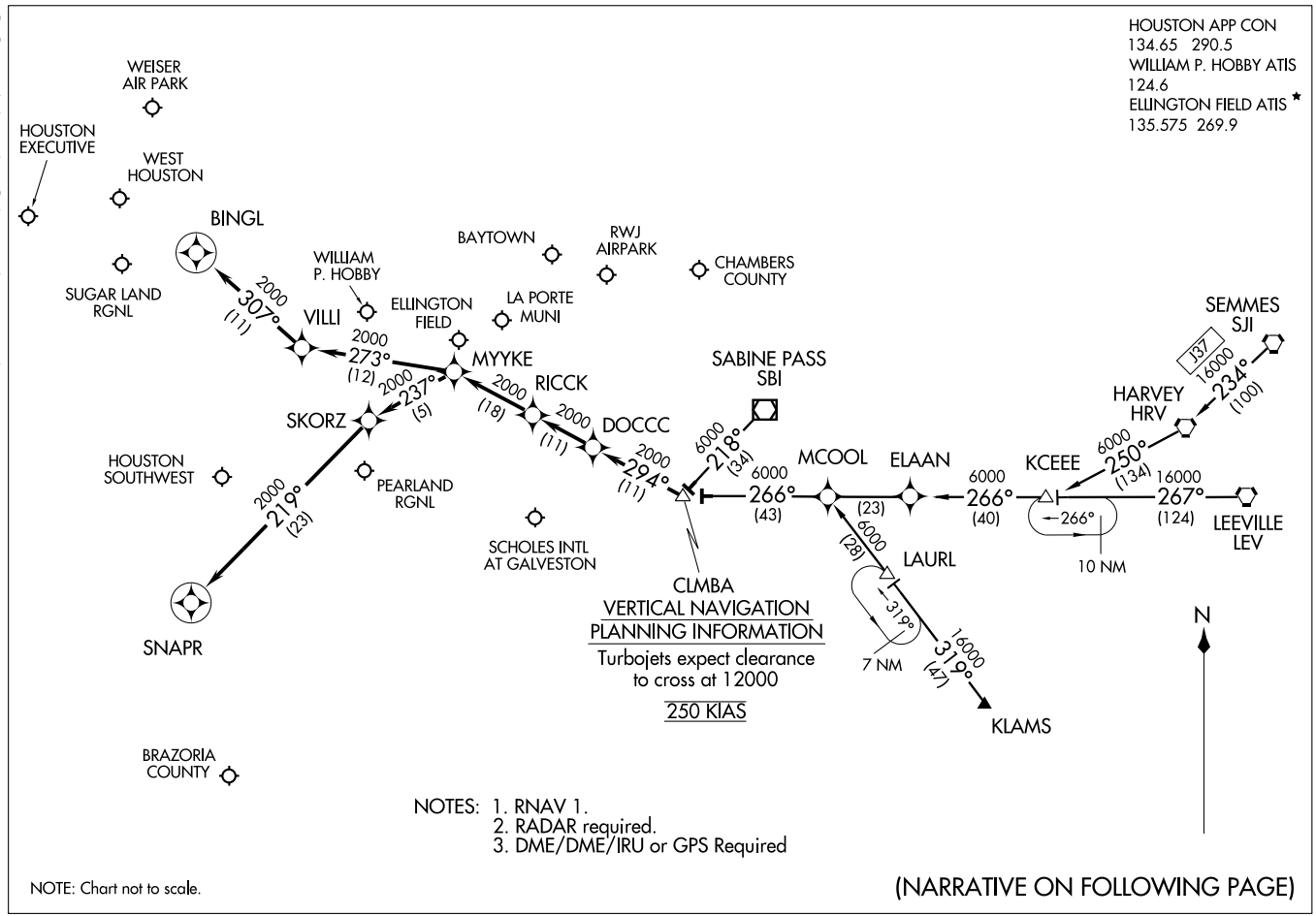
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure, Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

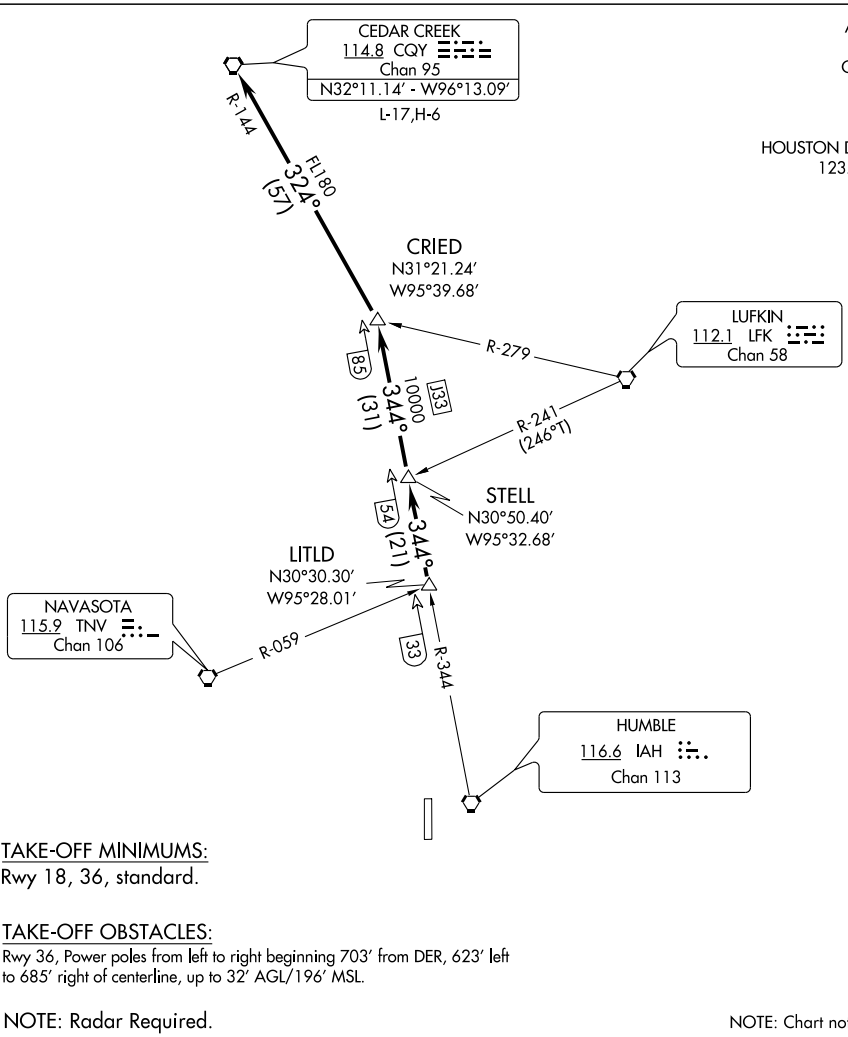
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 18, 36, standard.

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975

EL DORADO
115.5 ELD
Chan 102
N33°15.37′ - W92°44.64′
L-17, H-6

R-208

028° (143)

NOTE: Radar required.
NOTE: For aircraft destined MEM, or filed via Q32 or J42.

LUFKIN
112.1 LFK
Chan 58

R-066
R-082

ENJOY
N31°16.73′
W94°19.82′

028° (7)
9

VELCO
N31°10.67′
W94°24.55′

028° (56)

DARTR
N30°24.19′
W95°00.41′

RAECN
N30°05.08′
W95°14.95′

028° (23)
32

R-299

DAISETTA
116.9 DAS
Chan 116

R-254

9

R-028

HUMBLE
116.6 IAH
Chan 113

TAKE-OFF MINIMUMS:
Rwy 18, 36, standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

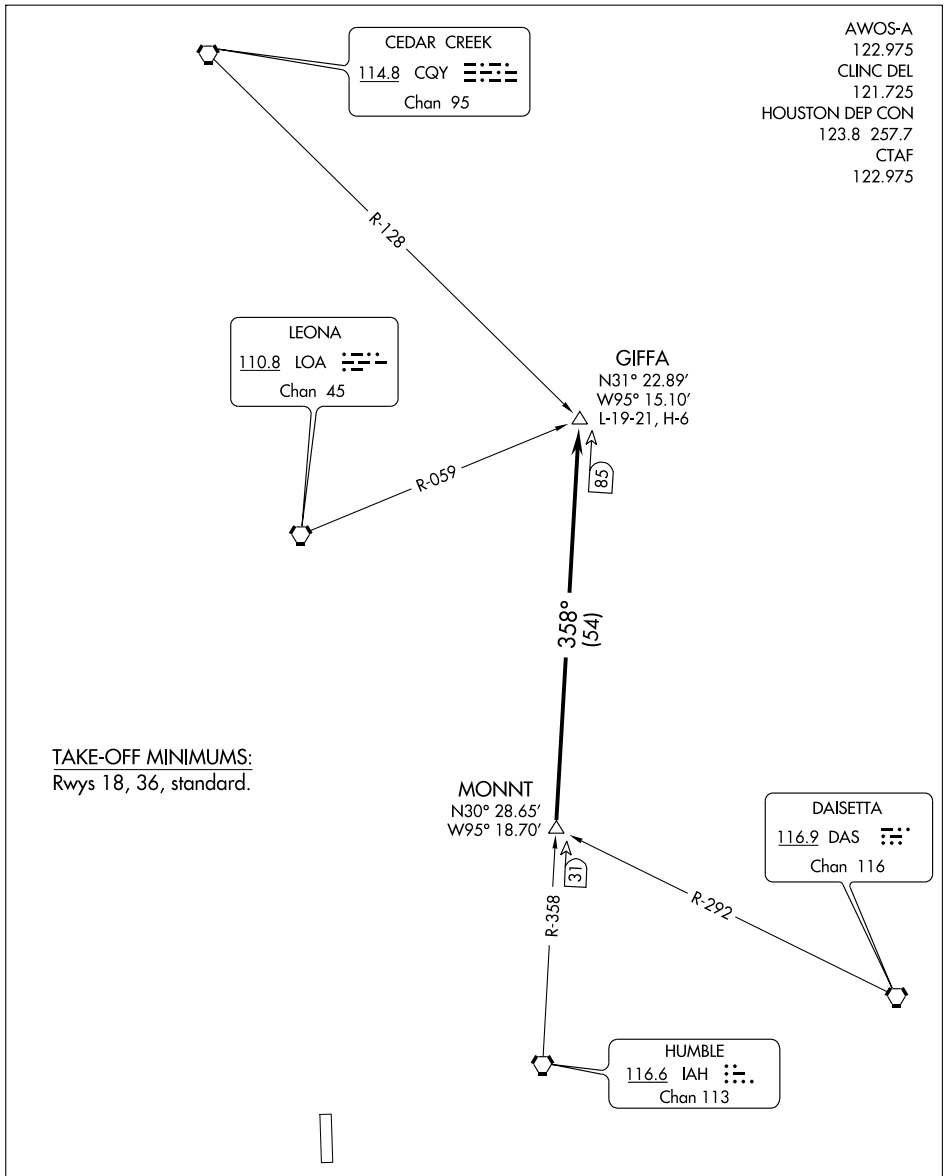
Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

GIFFA THREE DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwys 18, 36, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

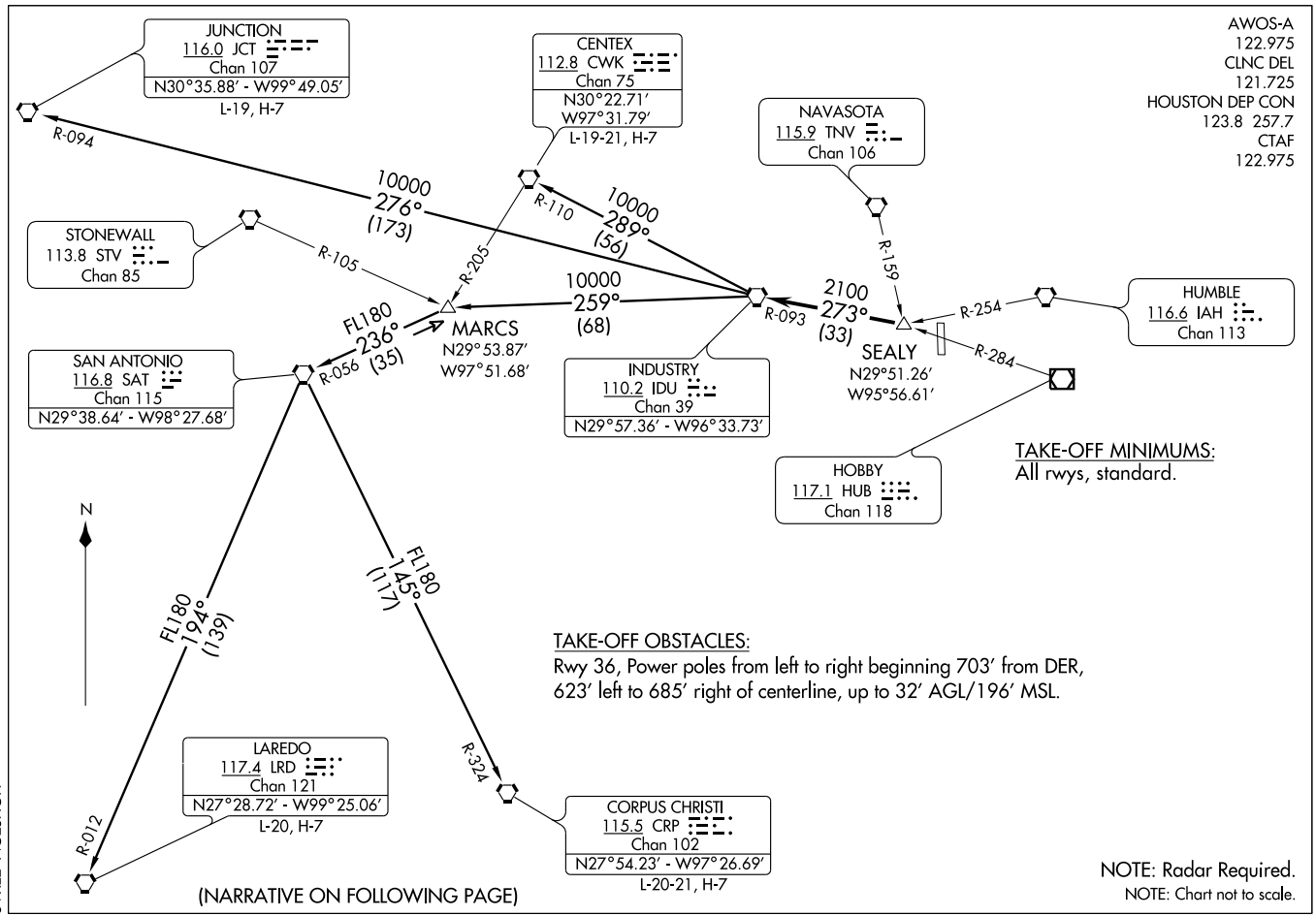
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SI-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

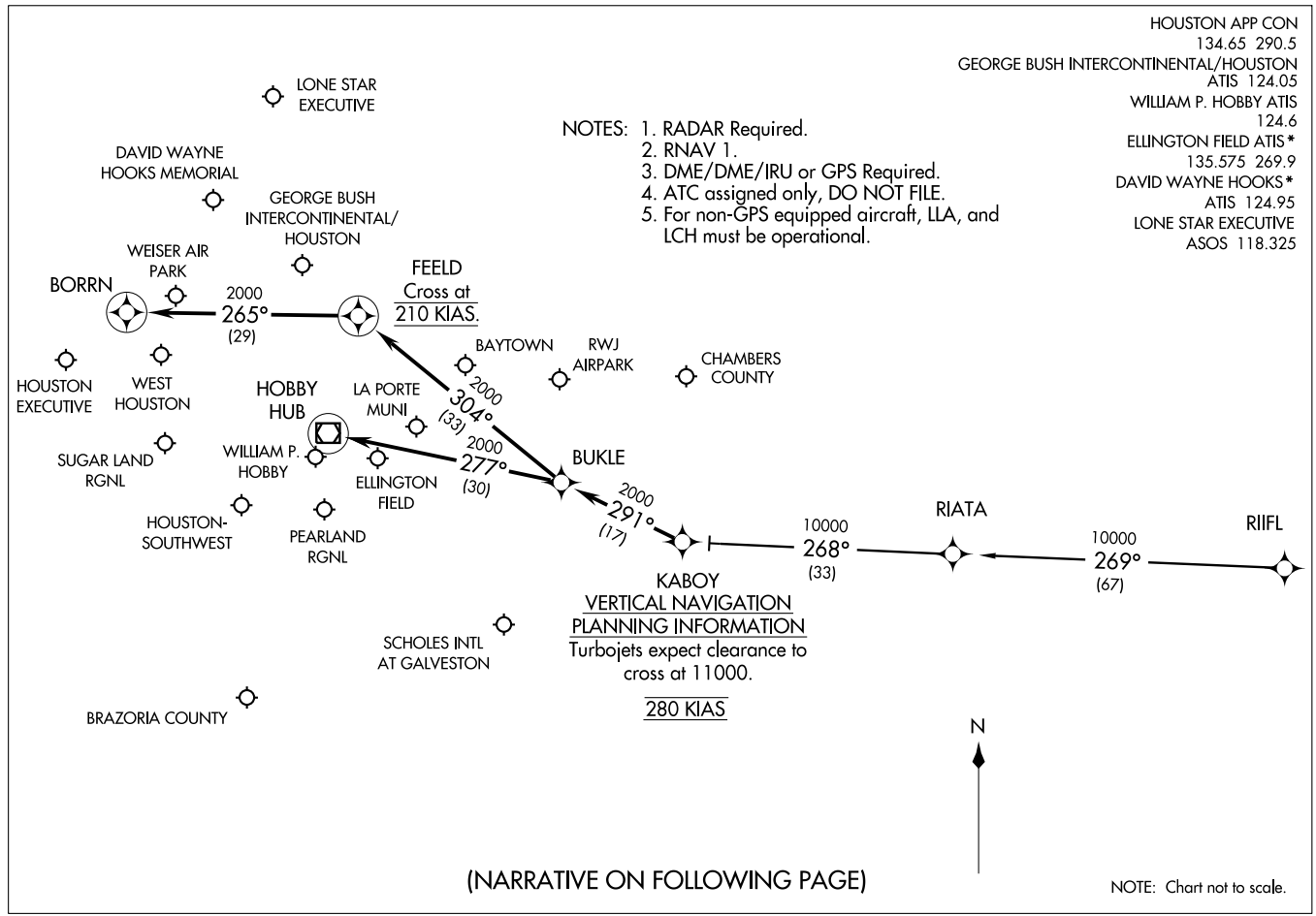
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

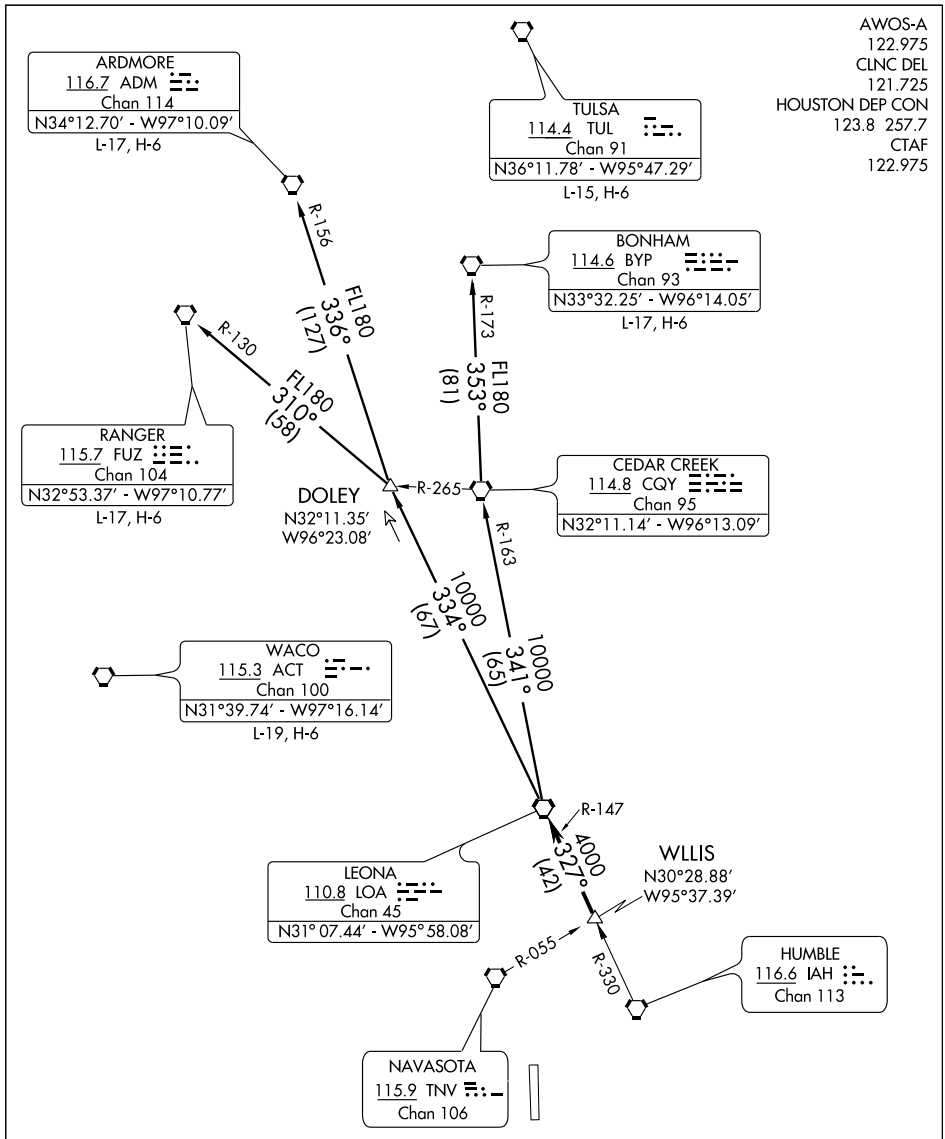
SC-5, 17 DEC 2009 to 14 JAN 2010

(LOA6.LOA) 09351

LEONA SIX DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS



TAKE-OFF MINIMUMS:
Rwy 18, 36 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

TAKE-OFF OBSTACLES

Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

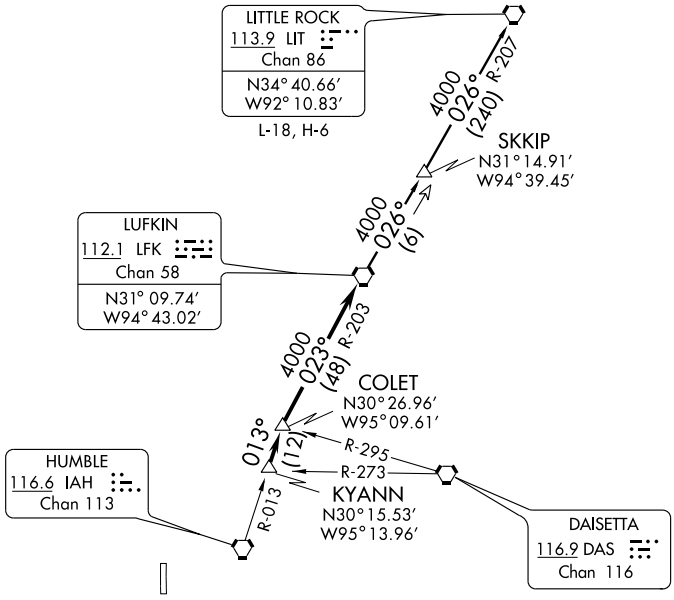
SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN FIVE DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975



TAKE-OFF MINIMUMS:
Rwy 18, 36 standard.

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703′ from DER, 623′ left to 685′ right of centerline, up to 32′ AGl/196′ MSL.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

PALACIOS THREE DEPARTURE

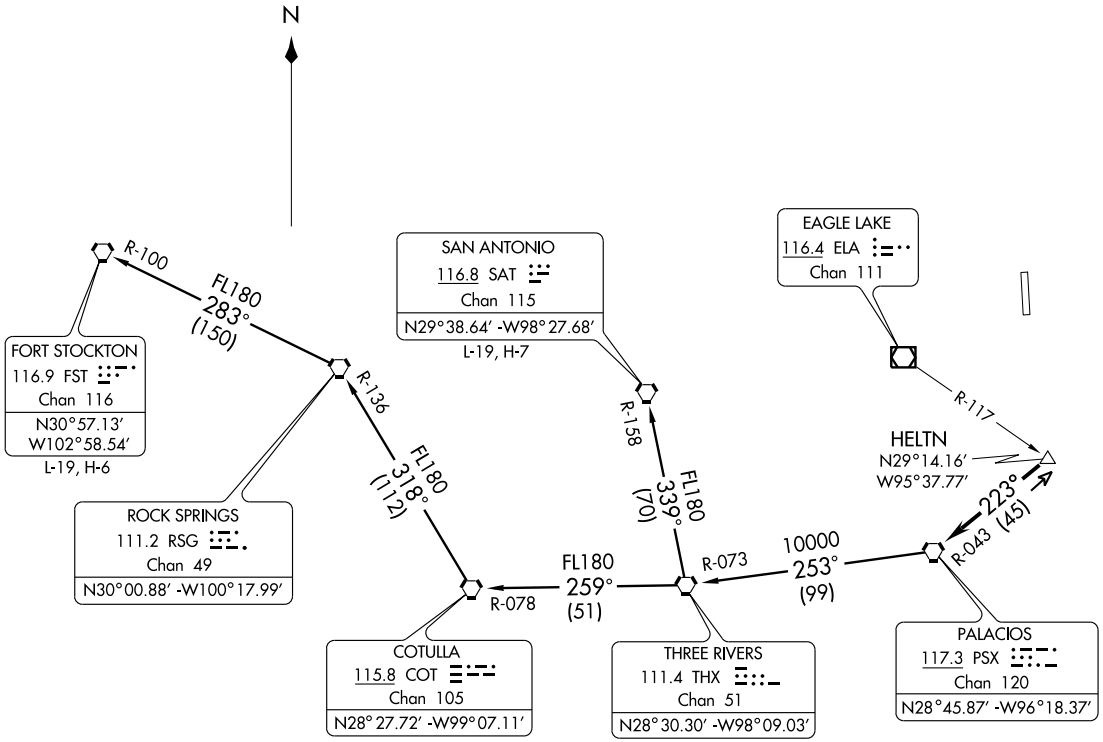
(PSX3.PSX) 08157

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)

HOUSTON, TEXAS

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975



TAKE-OFF MINIMUMS:
Rwy 18, 36, standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

WAAS CH 49004 W18A	APP CRS 175°	Rwy Idg 6610 TDZE 168 Apt Elev 168

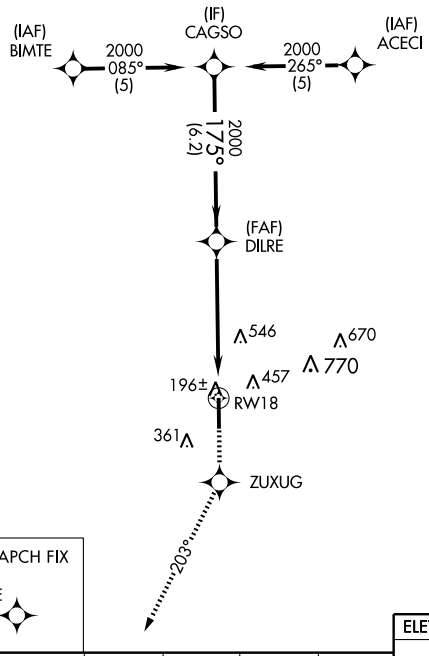
RNAV (GPS) RWY 18
HOUSTON EXECUTIVE (TME)

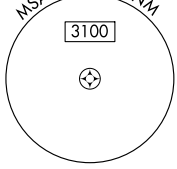
▼ NA

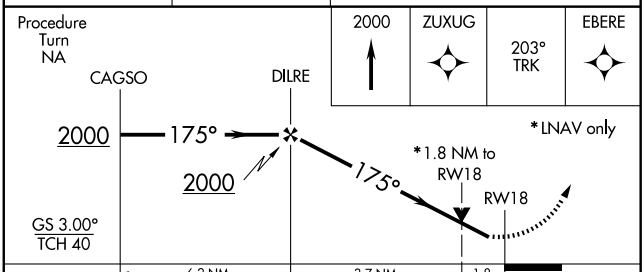
Baro-VNAV NA when using David Wayne Hooks Memorial altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using David Wayne Hooks Memorial altimeter setting. If local altimeter setting not received, use David Wayne Hooks Memorial altimeter setting and increase LPV DA to 475 feet, LNAV/VNAV DA to 950 feet; increase all MDAs 60 feet.

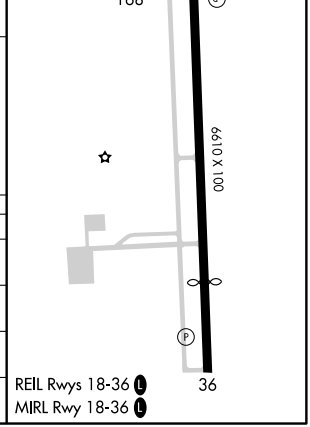
MISSED APPROACH: Climb to 2000 direct ZUXUG and via 203° track to EBERE and hold.

AWOS-A	HOUSTON APP CON	UNICOM	GCO
122.975	123.8 257.7	122.975 (CTAF) L	121.725









CATEGORY	A	B	C	D
LPV DA	418-1 250 (300-1)			
LNAV/VNAV DA	708-2 540 (600-2)			
LNAV MDA	780-1 612 (700-1)		780-1¾ 612 (700-1¾)	780-2 612 (700-2)
CIRCLING	820-1 652 (700-1)		820-1¾ 652 (700-1¾)	860-2¼ 692 (700-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97504 W36A	APP CRS 355°	Rwy Idg 5050 TDZE 164 Apt Elev 166

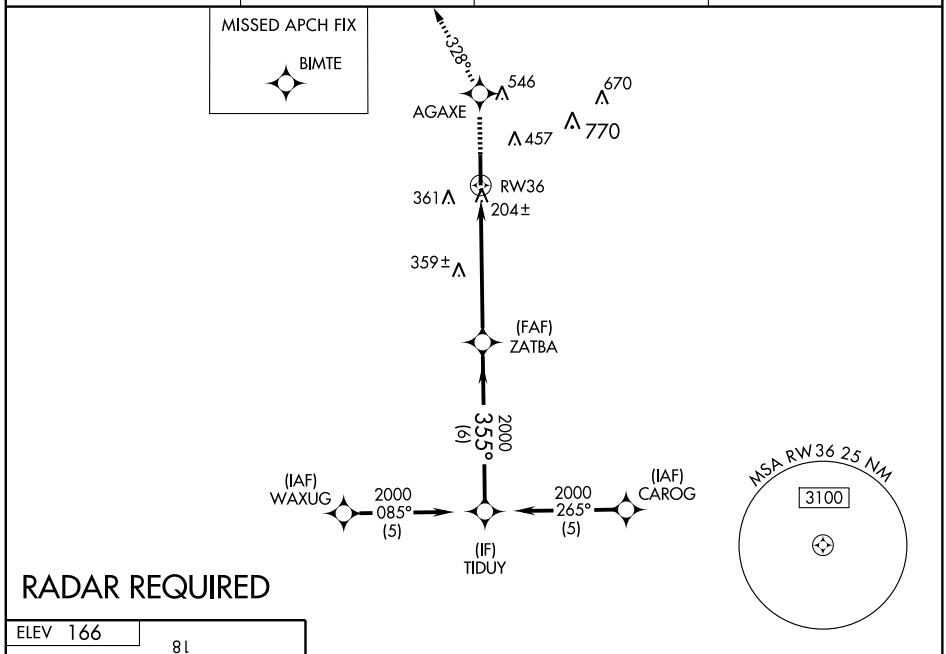
RNAV (GPS) RWY 36
HOUSTON EXECUTIVE (TME)

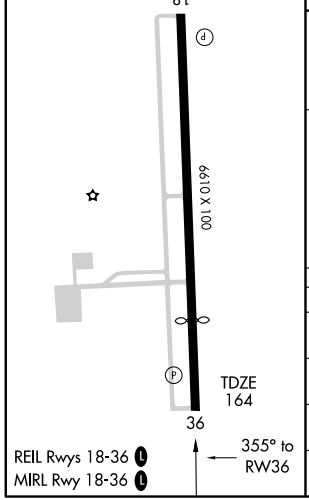
Baro-VNAV NA when using David Wayne Hooks Memorial altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP NA when using David Wayne Hooks Memorial altimeter setting. When local altimeter setting not received, use David Wayne Hooks Memorial altimeter setting and increase LPV DA to 471 feet, LNAV/VNAV DA to 719 feet; increase all MDA 60 feet. Increase LNAV/VNAV visibility ¼ mile all Cats and LNAV and circling Cat C/D ¼ mile.

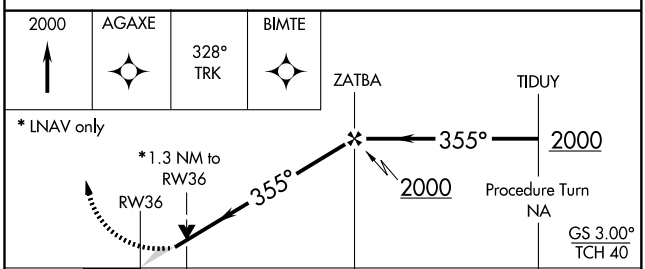
NA

MISSED APPROACH: Climb to 2000 direct AGAXE and via 328° track to BIMTE and hold.

AWOS-A	HOUSTON APP CON	UNICOM	GCO
122.975	123.8 257.7	122.975 (CTAF) L	121.725

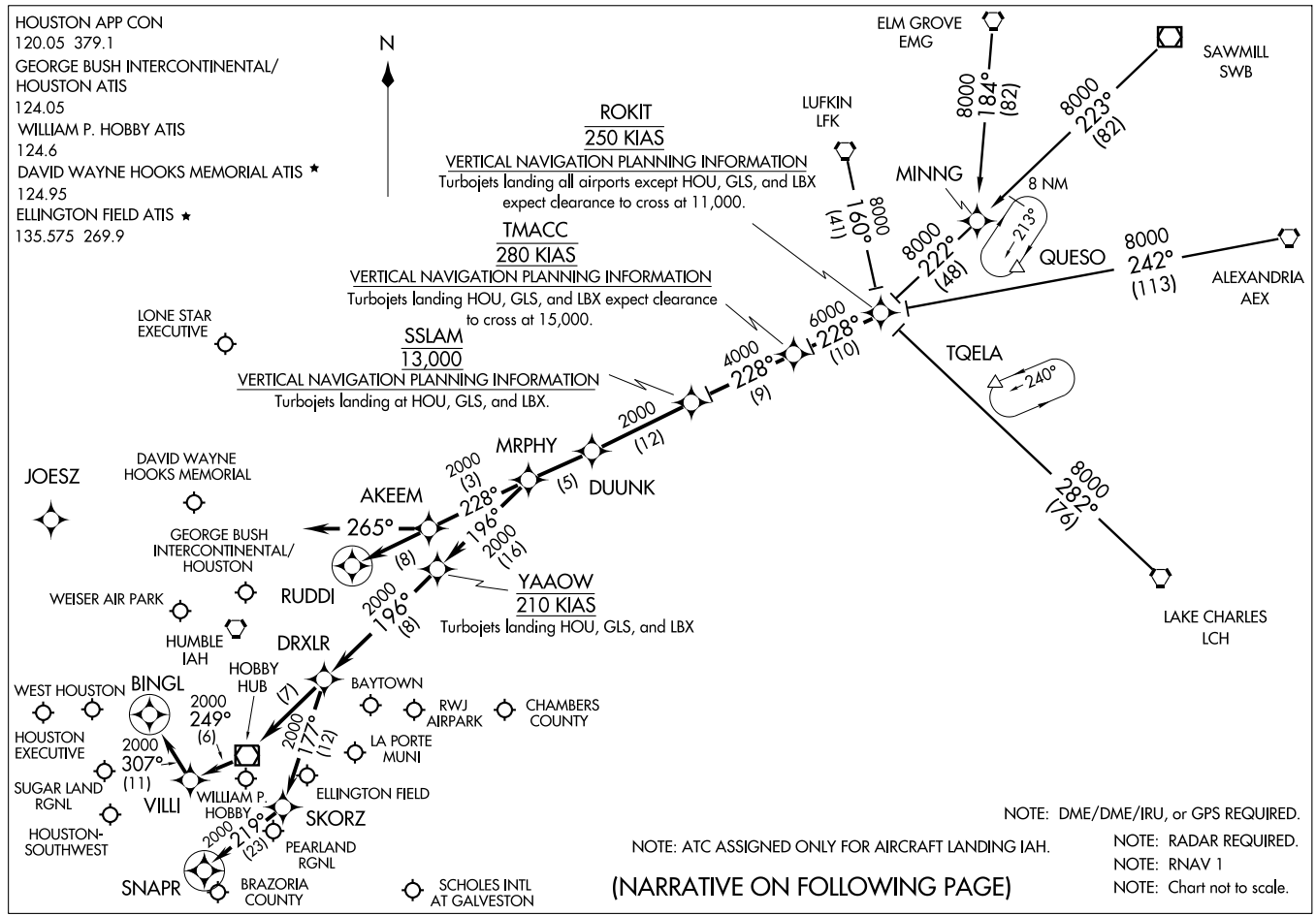






CATEGORY	A	B	C	D
LPV DA	414-1 250 (300-1)			
LNAV/VNAV DA	662-1¾ 498 (500-1¾)			
LNAV MDA	620-1 456 (500-1)		620-1¼ 456 (500-1¼)	620-1½ 456 (500-1½)
CIRCLING	820-1 654 (700-1)		820-1¾ 654 (700-1¾)	860-2¼ 694 (700-2¼)

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

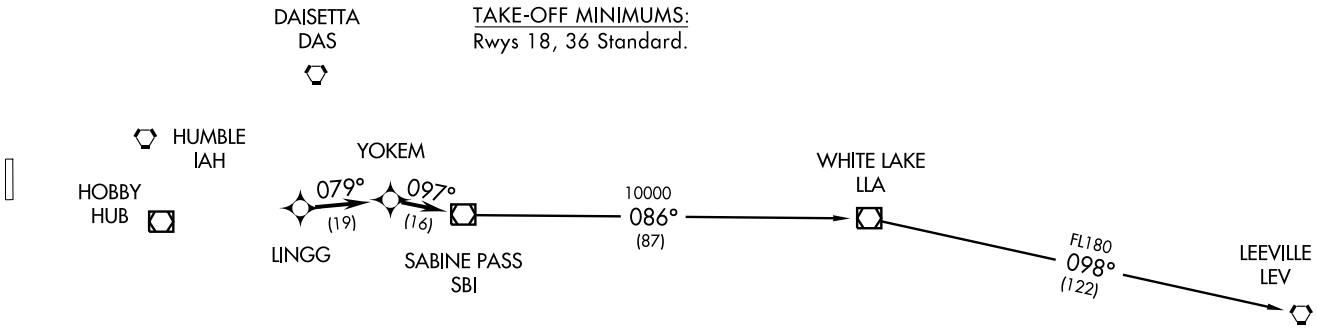
SC-5, 17 DEC 2009 to 14 JAN 2010

SABINE PASS ONE DEPARTURE (RNAV)

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975

TAKE-OFF MINIMUMS:
Rwys 18, 36 Standard.



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703' from DER, 623' left to 685' right of centerline, up to 32' AGL/196' MSL.

NOTE: Chart not to scale.

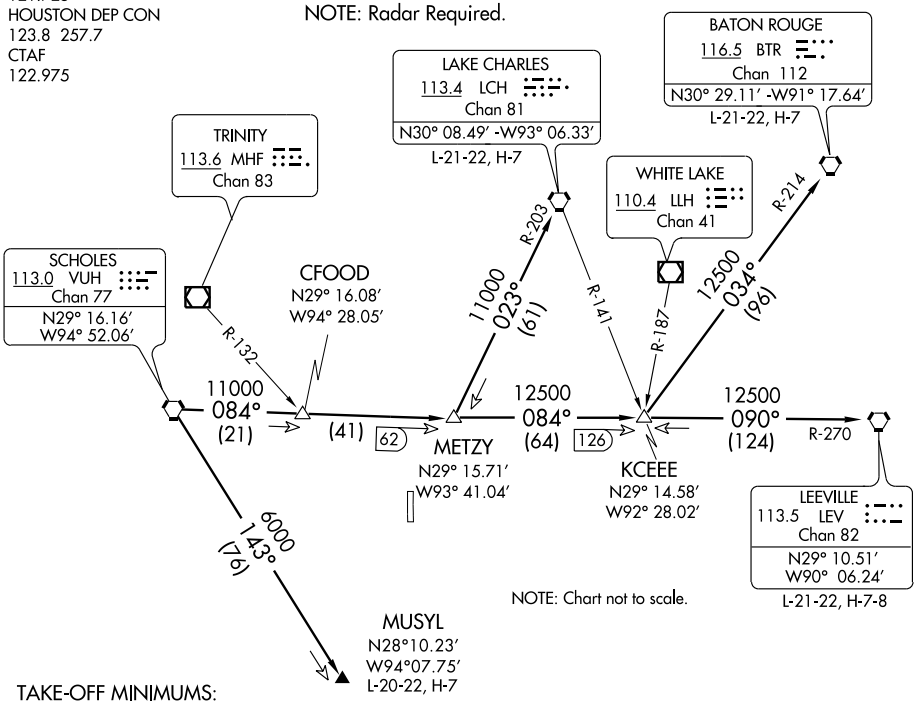
SCHOLES THREE DEPARTURE

SL-10328 (FAA)

HOUSTON EXECUTIVE (TME)
HOUSTON, TEXAS

AWOS-A
122.975
CLNC DEL
121.725
HOUSTON DEP CON
123.8 257.7
CTAF
122.975

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



TAKE-OFF MINIMUMS:
Rwy 18, 36 standard.

TAKE-OFF OBSTACLES:
Rwy 36, Power poles from left to right beginning 703′ from DER, 623′ left to 685′ right of centerline, up to 32′ AGL/196′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB UTS 308	APP CRS 187°	Rwy Idg 5005 TDZE 338 Apt Elev 363

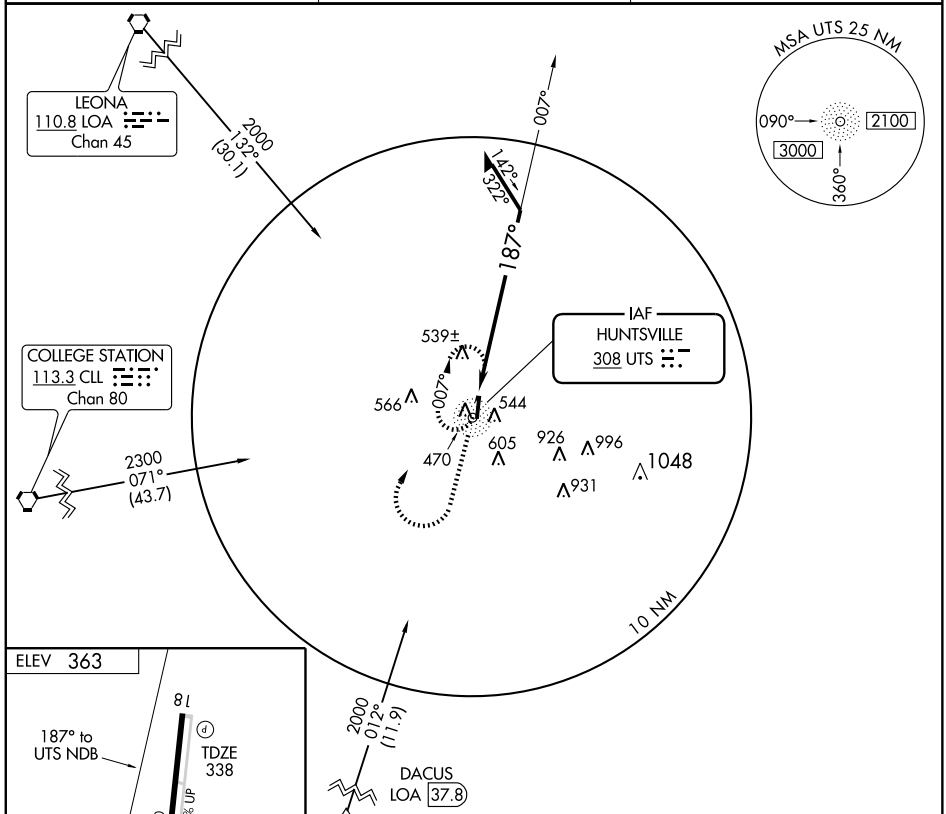
NDB RWY 18
HUNTSVILLE MUNI (UTS)

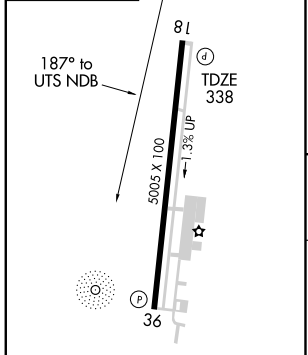
Visibility reduction by helicopters NA. When local altimeter setting not received use Lone Star Executive altimeter setting and increase all MDA 80 feet, increase S-18 and Circling Cat C visibility ¼ mile.

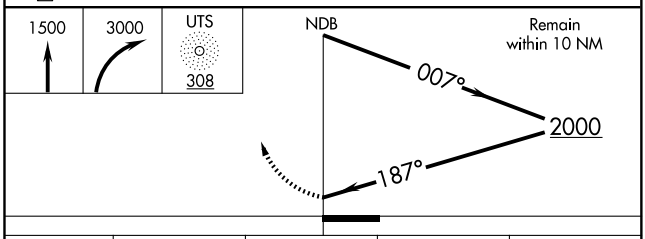
NA

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct UTS NDB and hold, continue climb-in-hold to 3000.

ASOS	HOUSTON CENTER	UNICOM
119.425	134.8 269.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-18	960-1	622 (700-1)	960-1¾ 622 (700-1¾)	NA
CIRCLING	960-1	597 (600-1)	960-1¾ 597 (600-1¾)	NA

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SC-5, 17 DEC 2009 to 14 JAN 2010

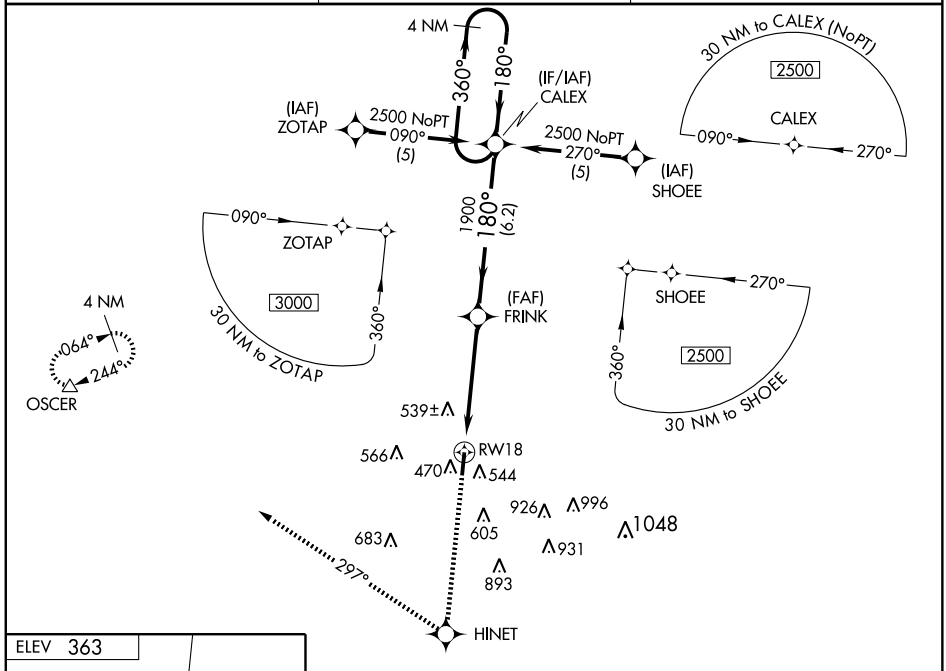
WAAS CH 72811 W18A	APP CRS 180°	Rwy Idg 5005 TDZE 338 Apt Elev 363

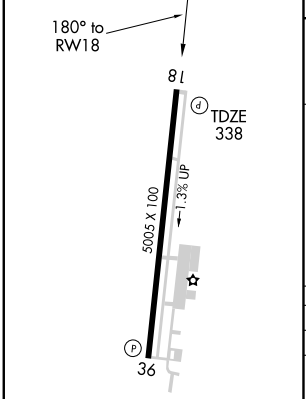
RNAV (GPS) RWY 18
HUNTSVILLE MUNI (UTS)

Baro-VNAV NA when using Lone Star Executive altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using Lone Star Executive altimeter setting. When local altimeter setting not received, use Lone Star Executive altimeter setting and increase all DA 75 feet and all MDA 80 feet; increase LPV and LNAV/VNAV all Cats and circling Cat C visibility ¼ mile.

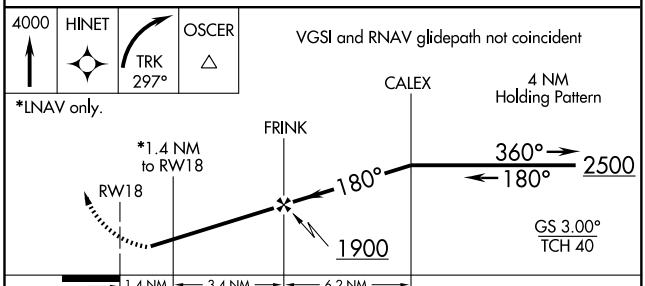
MISSED APPROACH: Climb to 4000 direct HINET and right turn via 297° track to OSCER and hold.

ASOS	HOUSTON CENTER	UNICOM
119.425	134.8 269.6	122.8 (CTAF) L





REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	588-1 250 (300-1)			NA
LNAV/VNAV DA	886-2 548 (600-1)			NA
LNAV MDA	840-1 502 (500-1)		840-1½ 502 (500-1½)	NA
CIRCLING	900-1 537 (600-1)		900-1½ 537 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR LOA 110.8 Chan 45	APP CRS 131°	Rwy Idg NA TDZE NA Apt Elev 363

VOR/DME-A
HUNTSVILLE MUNI (UTS)

When local altimeter setting not received, use Lone Star Executive altimeter setting and increase MDA 80 feet, increase circling Cat C visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2000 via LOA VORTAC R-131 to KASHE/25 DME and hold.

ASOS	HOUSTON CENTER	UNICOM
119.425	134.8 269.6	122.8 (CTAF) L

1044

Procedure NA for arrivals at LOA VORTAC via V477 northwest bound.

IAF LEONA 110.8 LOA Chan 45

2000 131° (19)

10 NM

R-177

R-131

(IF) AMBEE LOA 19

2000 131° (6)

KASHE LOA 25

(IAF) OXITY LOA 19

2000 LOA 19 Arc

311°

131°

539±

MAFAP LOA 29.7

596 566 470 544 926 996 683 605 931

MSA LOA 25 NM

2100

ELEV 363

18

36

5005 X 100

1.3% UP

131° 4.7 NM from FAF

REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L

AMBEE LOA 19 — 2000 — 131° — KASHE LOA 25 — 2000 — MAFAP LOA 29.7

Procedure Turn NA

2000 LOA R-131 KASHE LOA 25

6 NM 4.7 NM

CATEGORY	A	B	C	D
CIRCLING	1000-1 637 (700-1)	1000-1¼ 637 (700-1¼)	1000-1¾ 637 (700-1¾)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5000
Ch 78301	133°	TDZE	18
W13A		Apt Elev	18

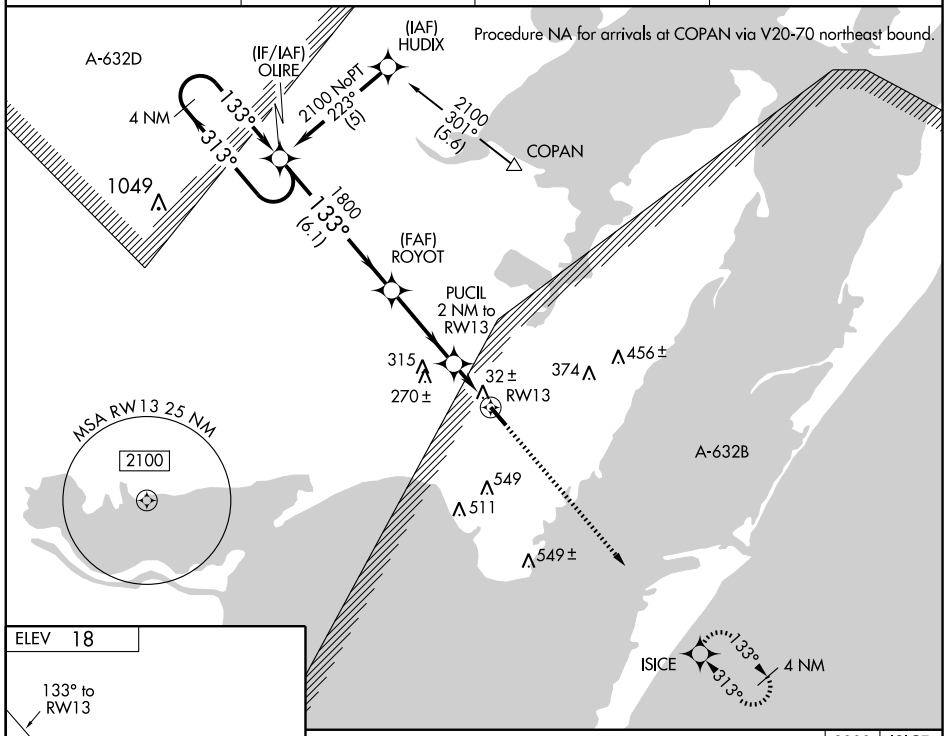
RNAV (GPS) RWY 13

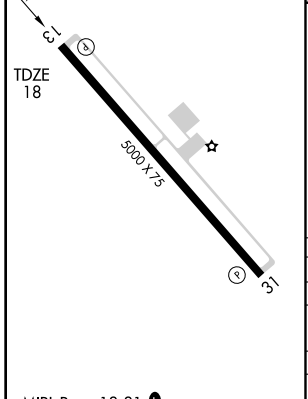
INGLESIDE/ T P MC CAMPBELL (TFP)

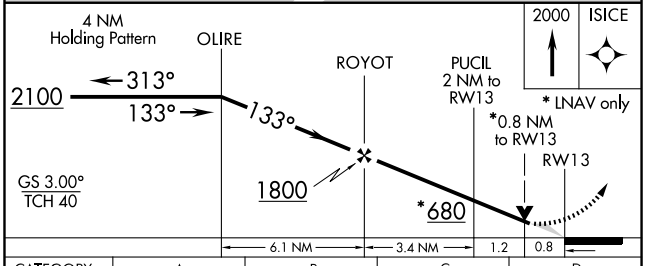
A W BARO-VNAV NA when using Mustang Beach altimeter setting. DME/DME RNP-0.3 NA. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). When local altimeter setting not received, use Mustang Beach altimeter setting and increase LPV DA 291 feet; LNAV/VNAV DA to 309 feet; and all MDAs 40 feet. VDP NA when using Mustang Beach altimeter setting.

MISSED APPROACH: Climb to 2000 direct ISICE and hold.

AWOS-3	CORPUS APP CON	UNICOM	
118.775	120.9 348.725	122.7 (CTAF)	123.0 L







CATEGORY	A	B	C	D
LPV DA	268-1		250 (300-1)	
LNAV/ VNAV DA	286-1		268 (300-1)	
LNAV MDA	300-1		282 (300-1)	
CIRCLING	520-1 502 (600-1)		520-1½ 502 (600-1½)	580-2 562 (600-2)

MIRL Rwys 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg 5000
Ch 82601	313°	TDZE 18
W31A		Apt Elev 18

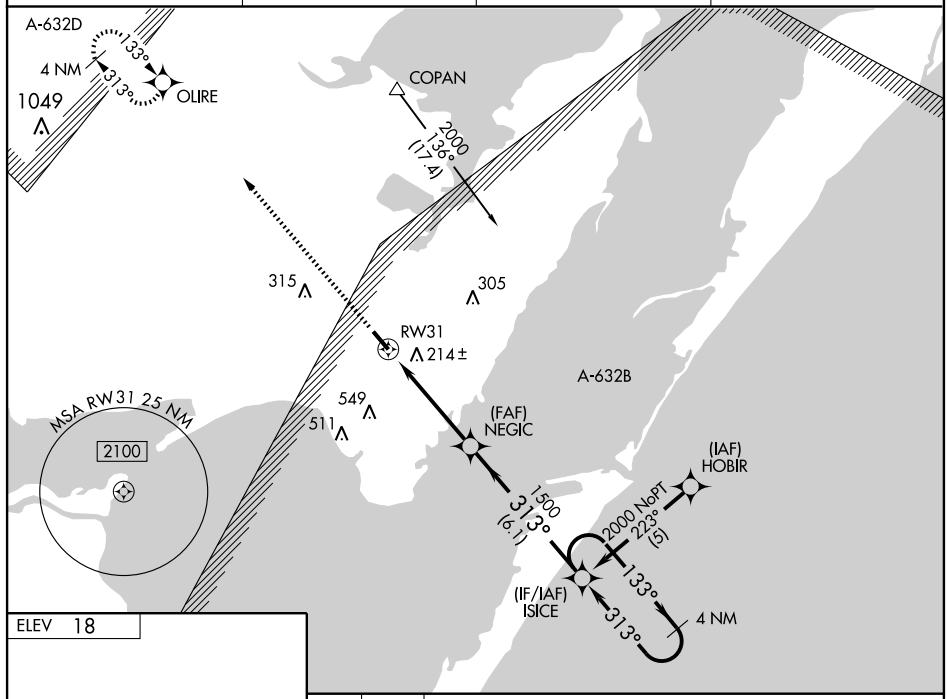
RNAV (GPS) RWY 31

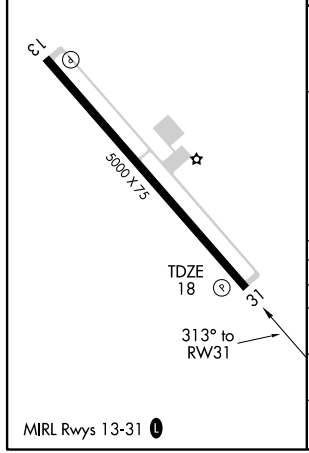
INGLESIDE/ T P MC CAMPBELL (TFP)

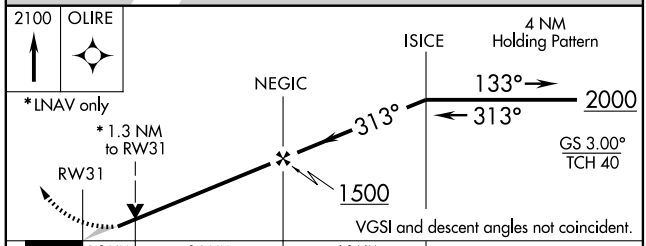
A BARO-VNAV NA when using Mustang Beach altimeter setting. For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).
W When local altimeter setting not received, use Mustang Beach altimeter setting and increase LPV DA to 291 feet; LNAV/VNAV DA to 533 feet; and all MDAs 40 feet; increase LNAV Cat C visibility ¼ mile. VDP NA when using Mustang Beach altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2100 direct OLIRE and hold.

AWOS-3	CORPUS APP CON	UNICOM	
118.775	120.9 348.725	122.7 (CTAF)	123.0 L







CATEGORY	A	B	C	D
LPV DA	268-1 250 (300-1)			
LNAV/ VNAV DA	510-1¾ 492 (500-1¾)			
LNAV MDA	480-1 462 (500-1)		480-1¼ 462 (500-1¼)	480-1½ 462 (500-1½)
CIRCLING	520-1 502 (600-1)		520-1½ 502 (600-1½)	580-2 562 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5011
135°	TDZE	677
	Apt Elev	677

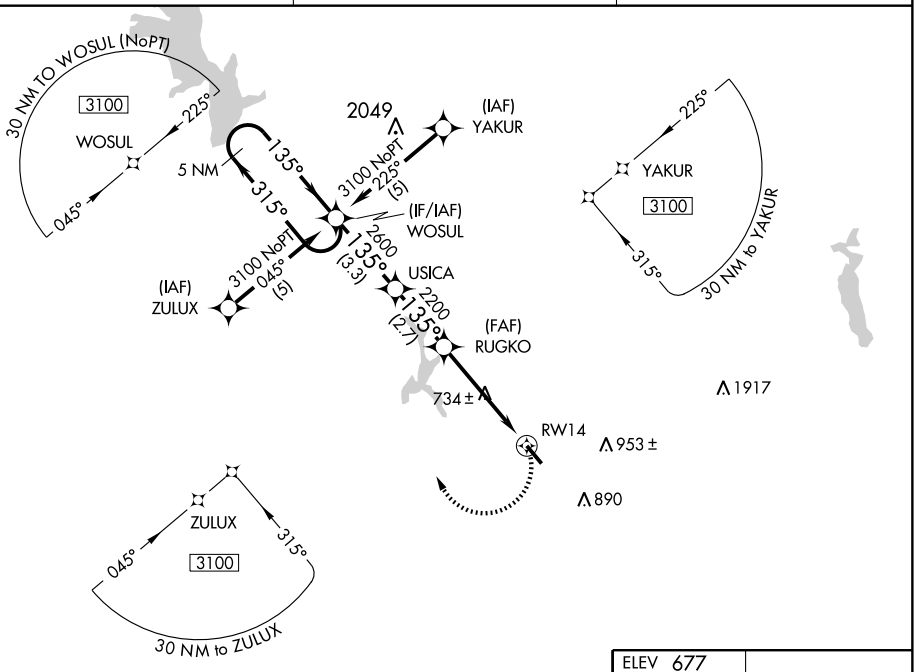
RNAV (GPS) RWY 14

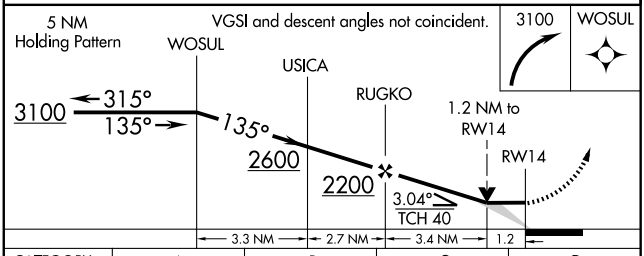
JACKSONVILLE/ CHEROKEE COUNTY (JSO)

If local altimeter setting not received, use Palestine Muni altimeter setting and increase all MDAs 100 feet. VDP NA when using Palestine Muni altimeter setting. DME/DME RNP-0.3 NA.

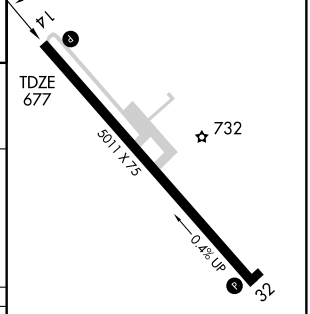
MISSED APPROACH: Climbing right turn to 3100 direct WOSUL and hold.

AWOS-3	LONGVIEW APP CON★	UNICOM
119.075	128.75 379.15	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1080-1 403 (500-1)		1080-1¼ 403 (500-1¼)	NA
CIRCLING	1080-1 403 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	NA



SC-5, 17 DEC 2009 to 14 JAN 2010

VOR FZT 111.4 Chan 51	APP CRS 121°	Rwy Idg 5011 TDZE 677 Apt Elev 677

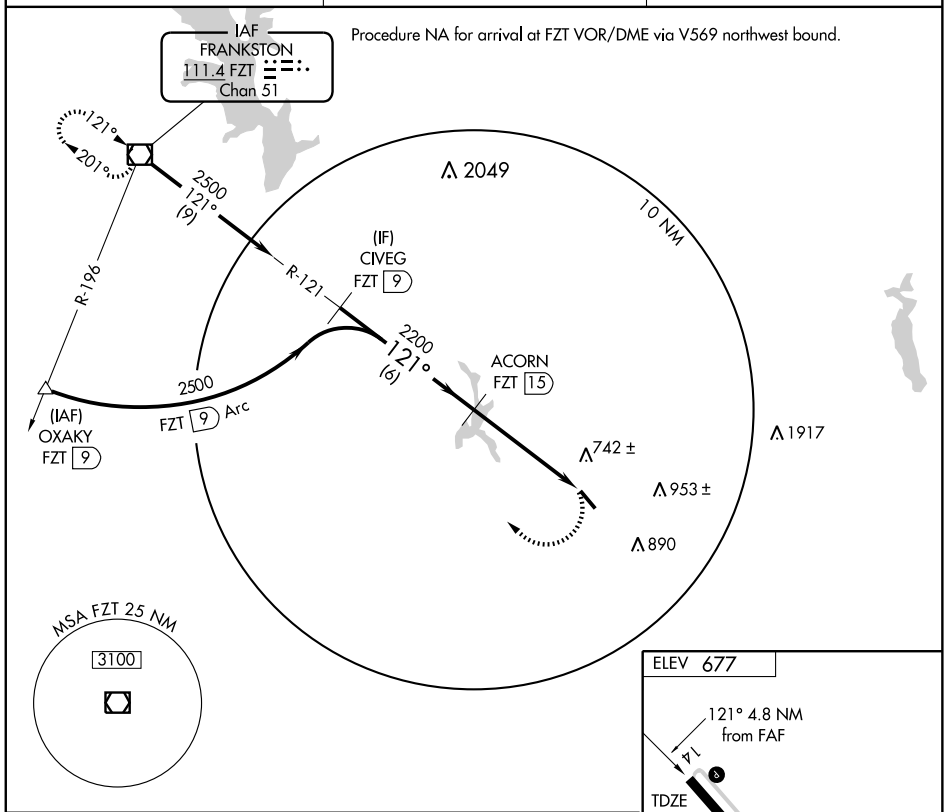
VOR/DME RWY 14

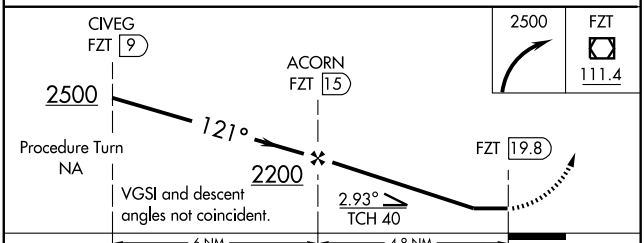
JACKSONVILLE/CHEROKEE COUNTY (JSO)

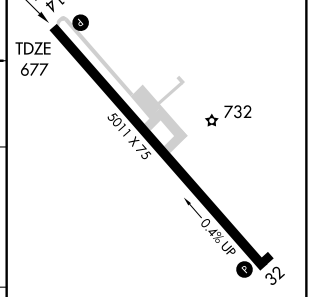
If local altimeter setting not received, use Palestine Muni altimeter setting and increase all MDAs 100 feet.

MISSED APPROACH: Climbing right turn to 2500 direct FZT VOR/DME and hold.

AWOS-3	LONGVIEW APP CON★	UNICOM
119.075	128.75 379.15	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-14	1080-1 403 (500-1)		1080-1¼ 403 (500-1¼)	NA
CIRCLING	1080-1 403 (500-1)	1140-1 463 (500-1)	1140-1½ 463 (500-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB JAS 344	APP CRS 177°	Rwy Idg 5500 TDZE 213 Apt Elev 213

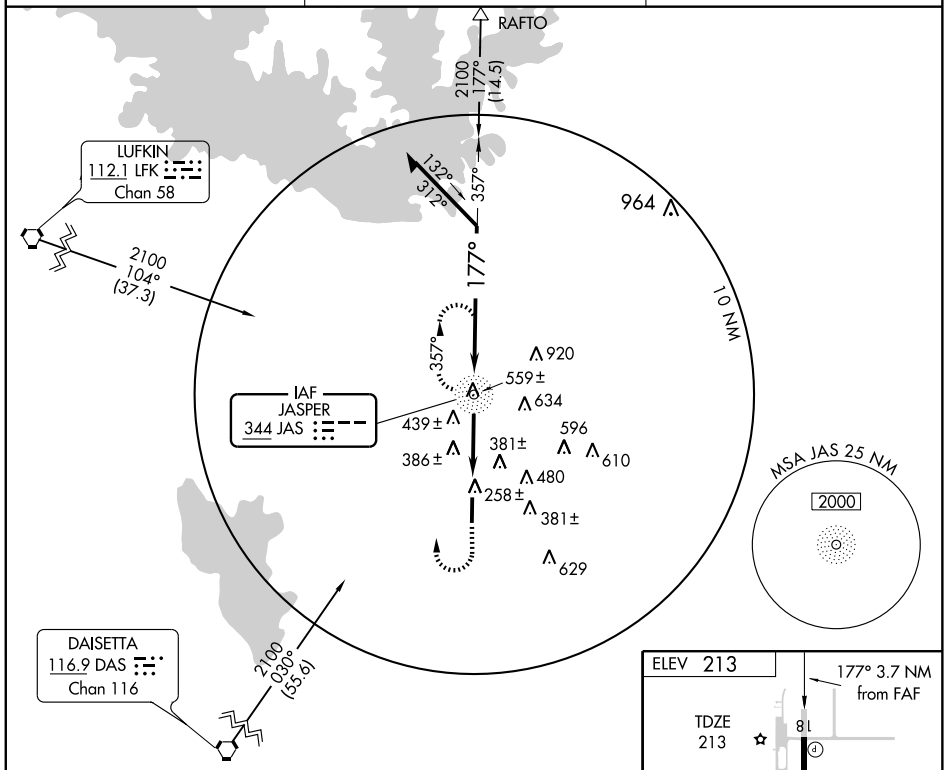
NDB RWY 18

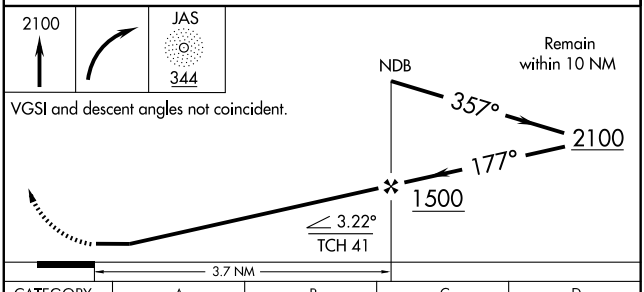
JASPER COUNTY-BELL FIELD (JAS)

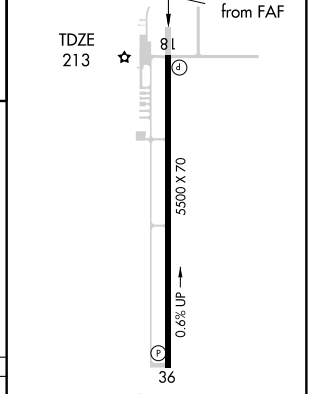
Visibility reduction by helicopters NA. When local altimeter setting not received, use De Ridder altimeter setting and increase all MDA 100 feet, increase S-18 and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2100, then right turn direct JAS NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	126.95 363.05	122.8 (CTAF) L







MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-18	740-1	527 (600-1)	740-1½ 527 (600-1½)	NA
CIRCLING	740-1	527 (600-1)	740-1½ 527 (600-1½)	NA

FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5500
CH 87013	177°	TDZE	213
W18A		Apt Elev	213

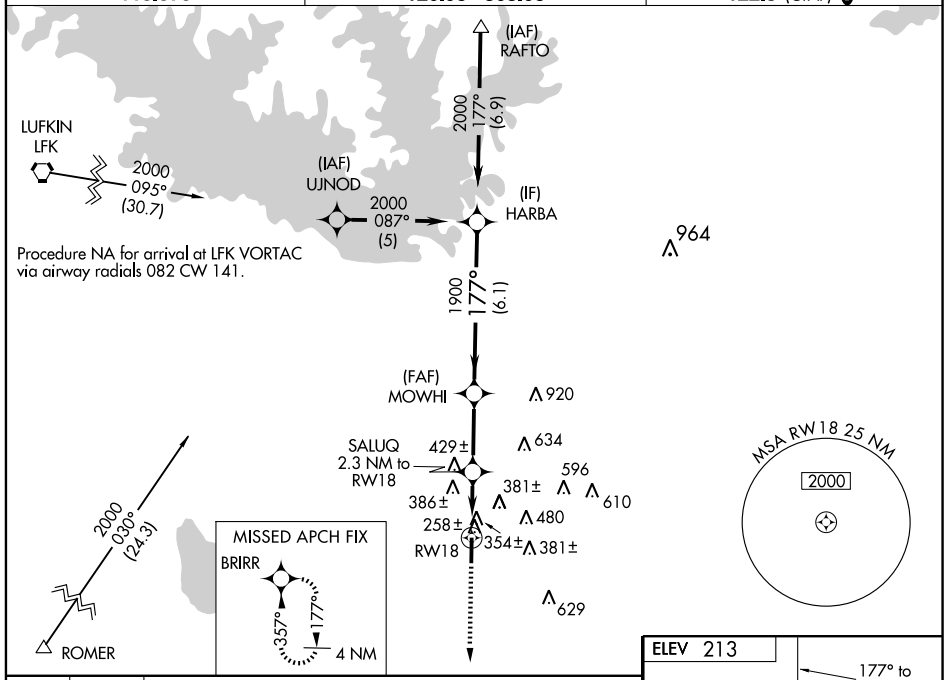
RNAV (GPS) RWY 18

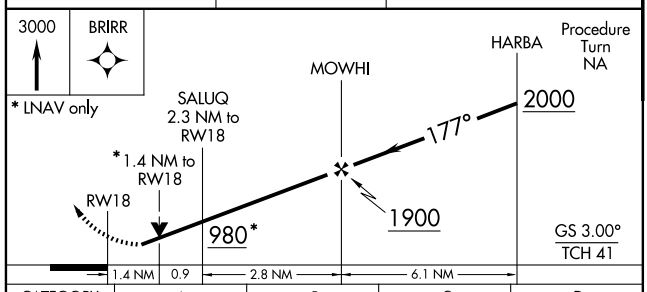
JASPER COUNTY-BELL FIELD (JAS)

Baro-VNAV NA when using De Ridder altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. VDP NA when using De Ridder altimeter setting. When local altimeter setting not received, use De Ridder altimeter setting and increase all DA 85 feet, all MDA 100 feet, increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ½ mile, LNAV Cat C visibility ¼ mile, Circling Cat C ¼ mile.

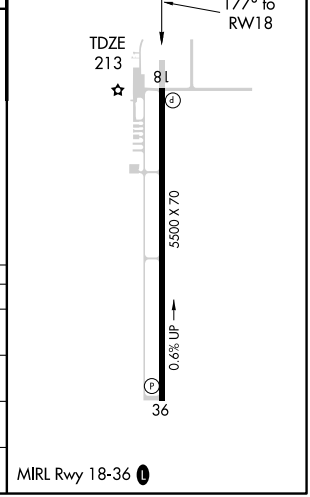
MISSED APPROACH: Climb to 3000 direct BRIRR and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	126.95 363.05	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	567-1¼ 354 (400-1¼)			NA
LNAV/VNAV DA	730-1¾ 517 (600-1¾)			NA
LNAV MDA	700-1 487 (500-1)		700-1¼ 487 (500-1¼)	NA
CIRCLING	740-1 527 (600-1)		740-1½ 527 (600-1½)	NA



MIRL Rwy 18-36 L

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 42813 W36A	APP CRS 357°	Rwy Idg 5500 TDZE 192 Apt Elev 213

RNAV (GPS) RWY 36

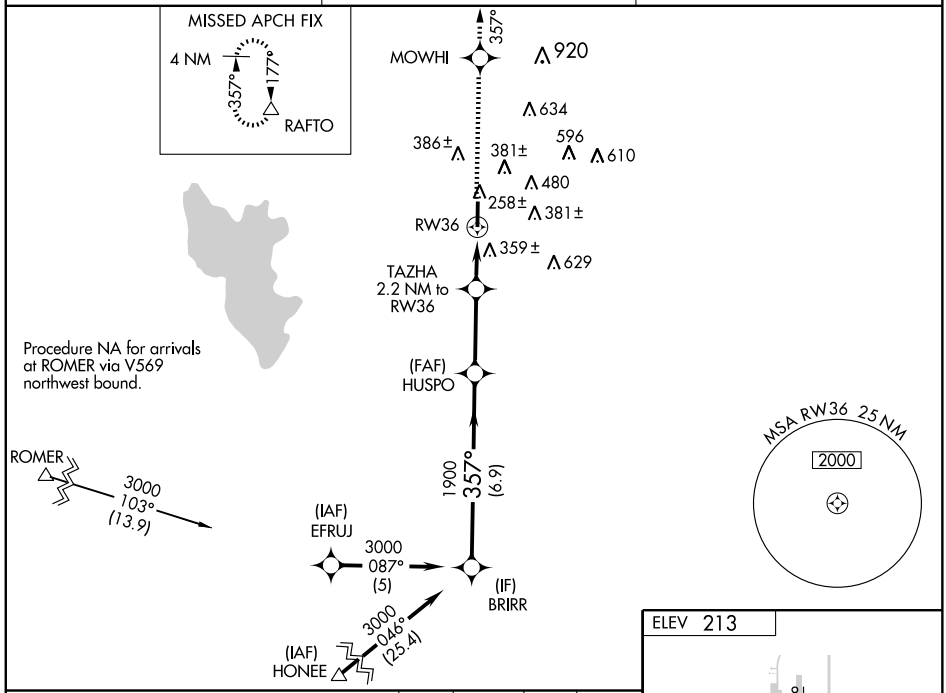
JASPER COUNTY-BELL FIELD (JAS)

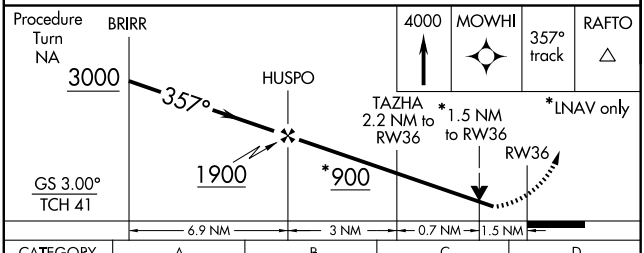
Baro-VNAV NA when using De Ridder altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

Visibility reduction by helicopters NA. VDP NA when using De Ridder altimeter setting. When local altimeter setting not received, use De Ridder altimeter setting and increase all DA 85 feet, all MDA 100 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, LNAV Cat C visibility ¼ mile, Circling Cat C ¼ mile.

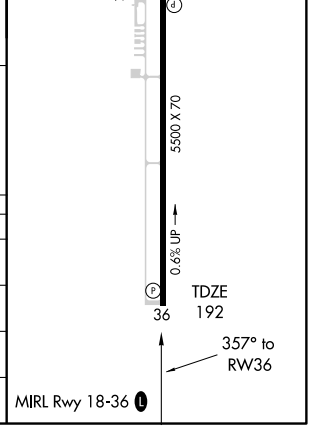
MISSED APPROACH: Climb to 4000 direct MOWHI and via track 357° to RAFTO and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.375	126.95 363.05	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	581-1½ 389 (400-1½)			NA
LNAV/VNAV DA	675-1¾ 483 (500-1¾)			NA
LNAV MDA	680-1 488 (500-1)		680-1¼ 488 (500-1¼)	NA
CIRCLING	740-1 527 (600-1)		740-1½ 527 (600-1½)	NA



SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
172°	TDZE	1751
	Apt Elev	1751

RNAV (GPS) RWY 17

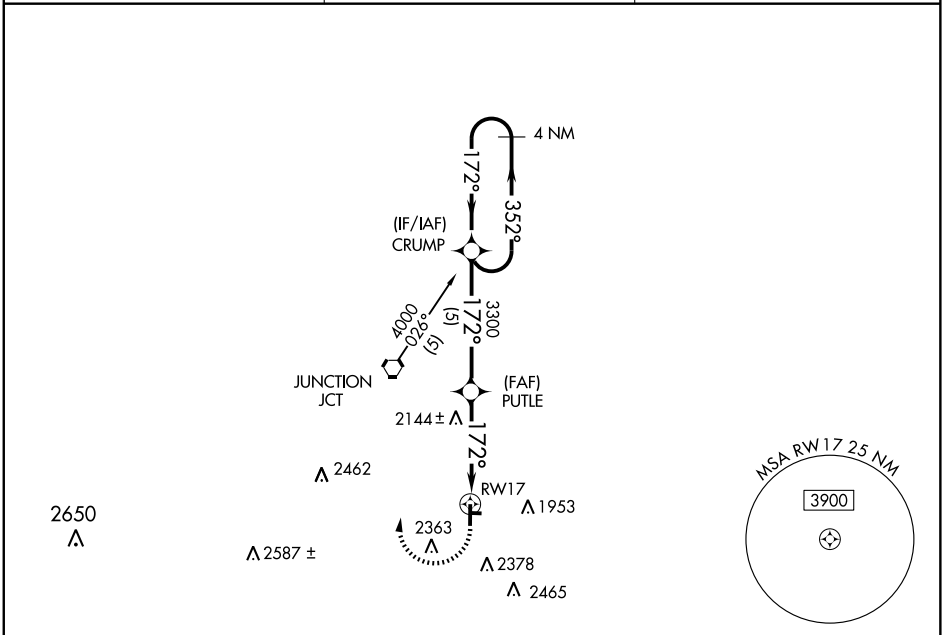
JUNCTION/ KIMBLE COUNTY (JCT)

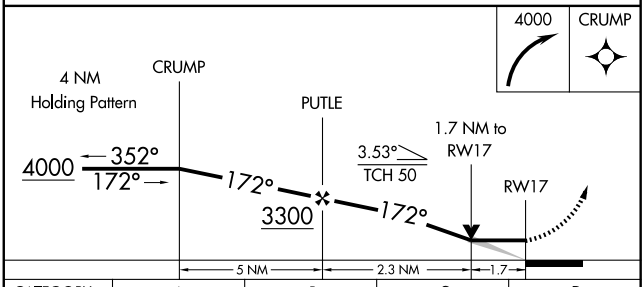
Circling NA to Rwy 8-26. GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA.

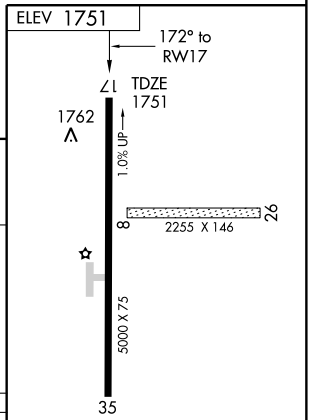
NA

MISSED APPROACH: Climbing right turn to 4000 direct CRUMP WP and hold.

ASOS	HOUSTON CENTER	UNICOM
119.275	125.75 346.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	2420-1	669 (700-1)	2420-1¾ 669 (700-1¾)	NA
CIRCLING	2420-1	669 (700-1)	2740-3 989 (1000-3)	NA

MIRL Rwy 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC JCT	APP CRS	Rwy Idg	N/A
116.0	144°	TDZE	N/A
Chan 107		Apt Elev	1751

VOR-A

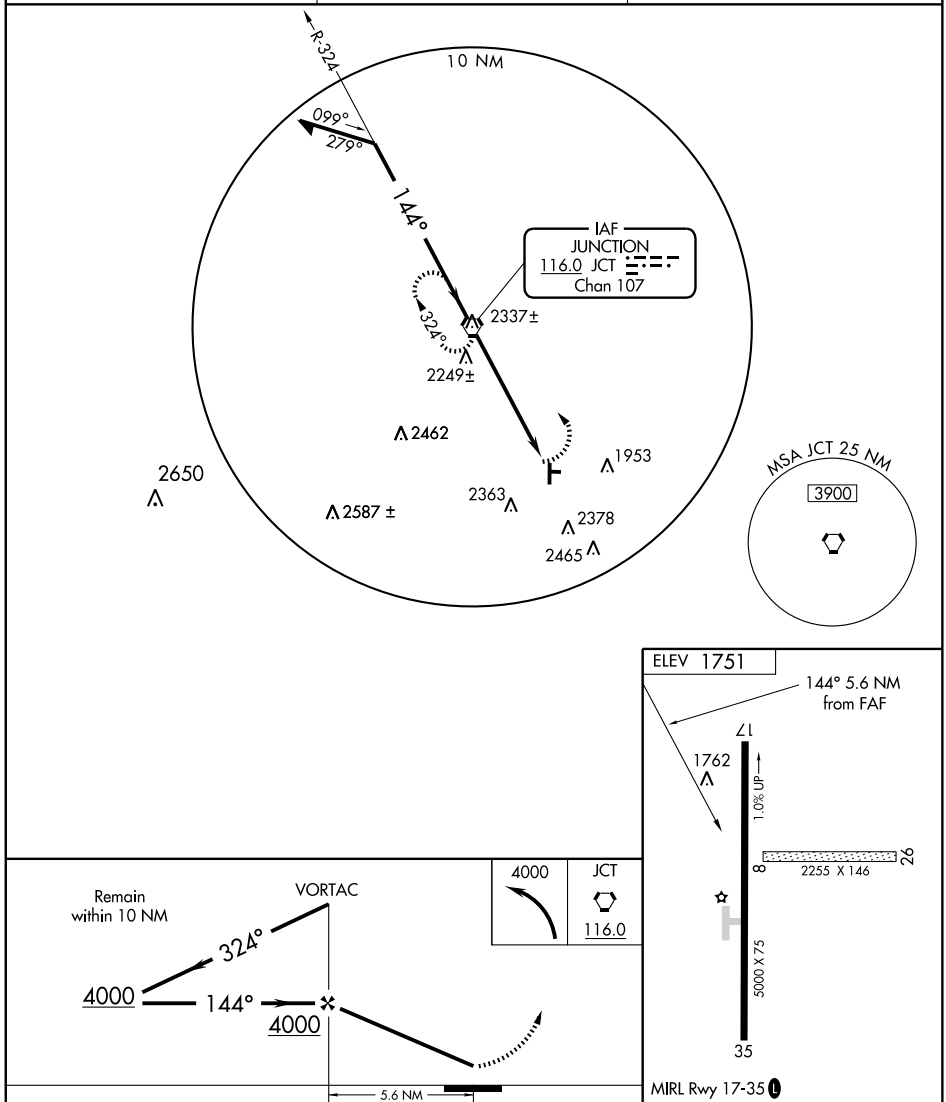
JUNCTION/KIMBLE COUNTY (JCT)

NA

Circling NA to Rwy 8-26.

MISSED APPROACH: Climbing left turn to 4000 direct to JCT VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
119.275	125.75 346.4	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	2560-1 809(900-1)	2560-1¼ 809 (900-1¼)	2740-3 989 (1000-3)	NA

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-3, 17 DEC 2009 to 14 JAN 2010

KENEDY, TEXAS

AL-5975 (FAA)

VORTAC THX	APP CRS	Rwy Idg	N/A
111.4	030°	TDZE	N/A
Chan 51		Apt Elev	291

VOR/DME or GPS-A

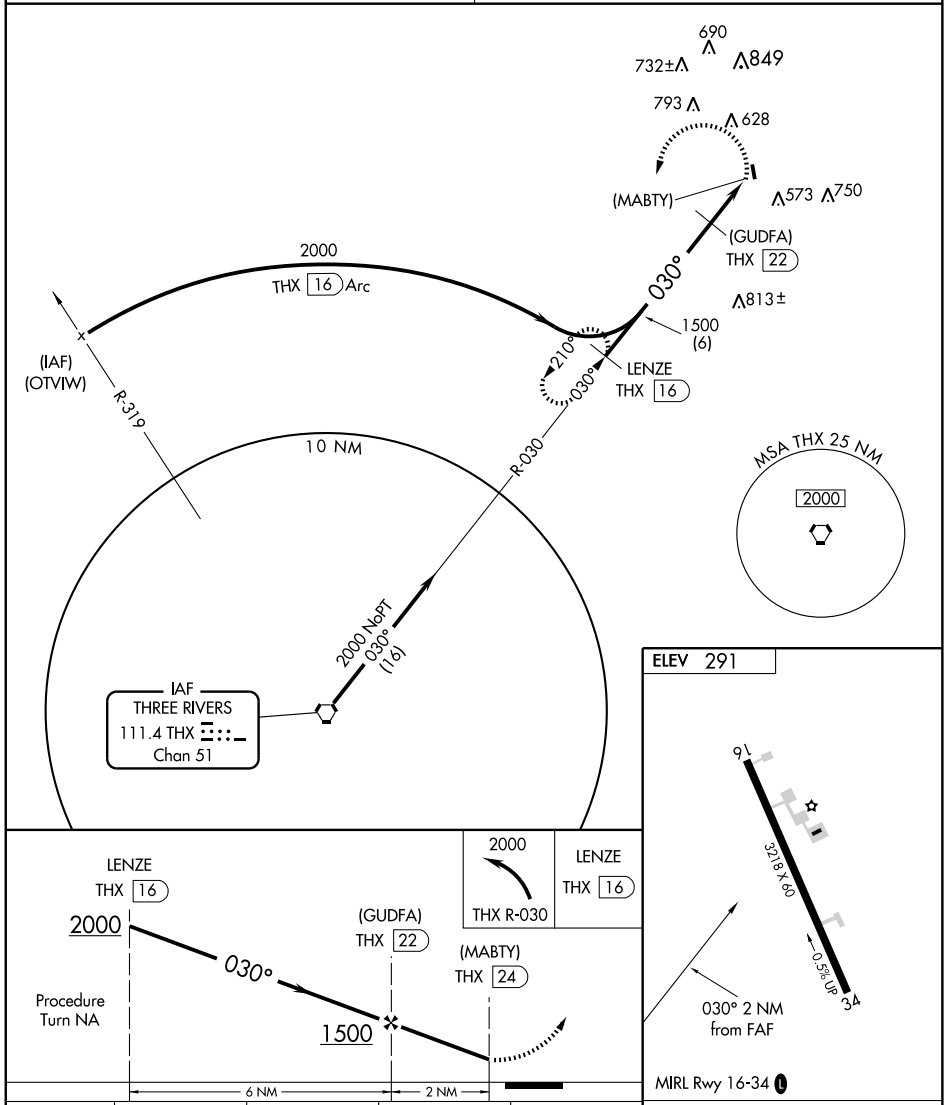
KENEDY/ KARNES COUNTY (2R9)

NA

Use Victoria Rgnl altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 via THX R-030 to LENZE/16 DME and hold.

HOUSTON CENTER	UNICOM
134.6 322.5	123.0 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1100-1 809 (900-1)	1100-1¼ 809 (900-1¼)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

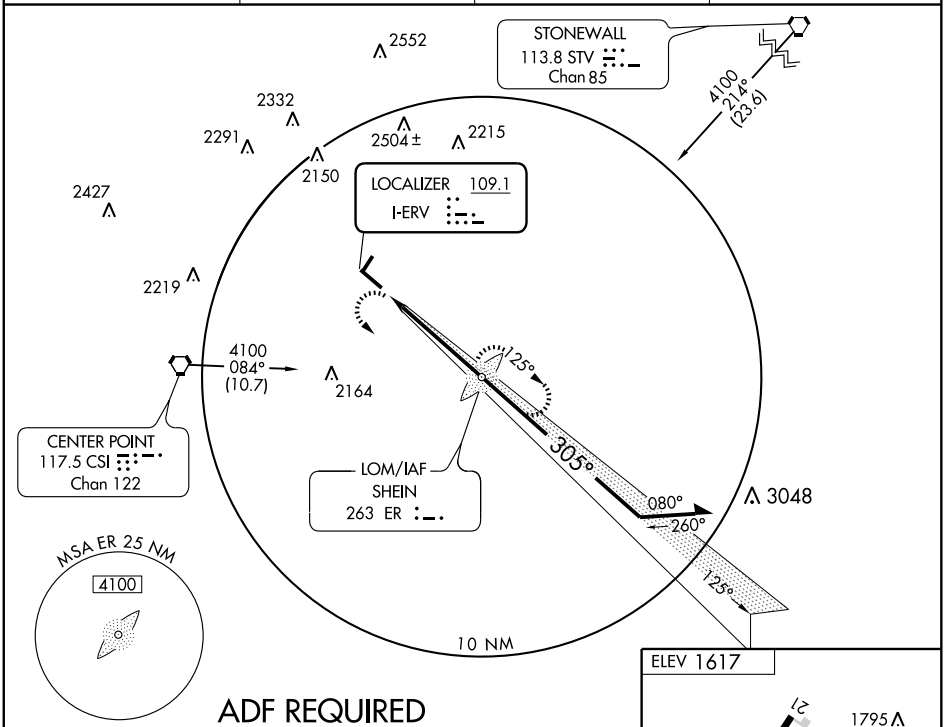
LOC I-ERV	APP CRS	Rwy Idg	6000
109.1	305°	TDZE	1589
		Apt Elev	1617

LOC RWY 30

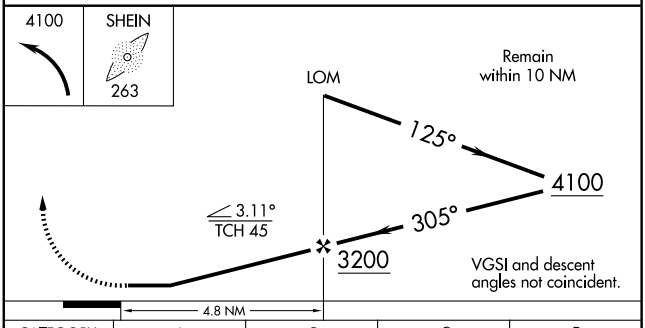
KERRVILLE MUNI/ LOUIS SCHREINER FIELD (ERV)

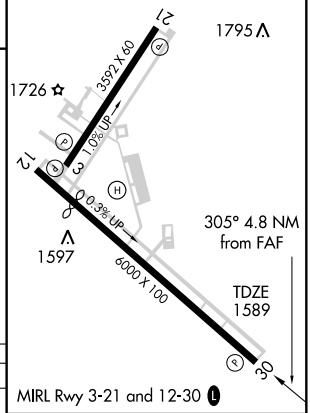
MISSED APPROACH: Climbing left turn to 4100 direct SHEIN LOM and hold.

AWOS-3	HOUSTON CENTER	CLNC DEL	UNICOM
118.125	134.95 269.4	134.95	122.7 (CTAF) L



ADF REQUIRED





CATEGORY	A	B	C	D
S-30	2060-1 471 (500-1)		2060-1¼ 471 (500-1¼)	NA
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	NA

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-3, 17 DEC 2009 to 14 JAN 2010

LOM ER	APP CRS	Rwy Idg	6000
263	306°	TDZE	1589
		Apt Elev	1617

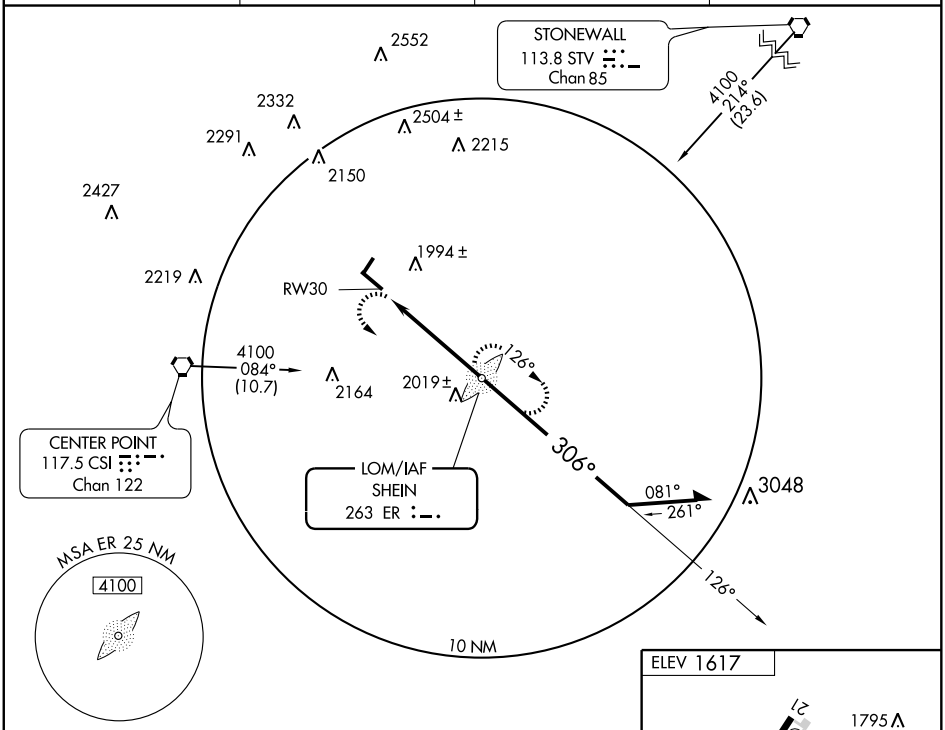
NDB RWY 30

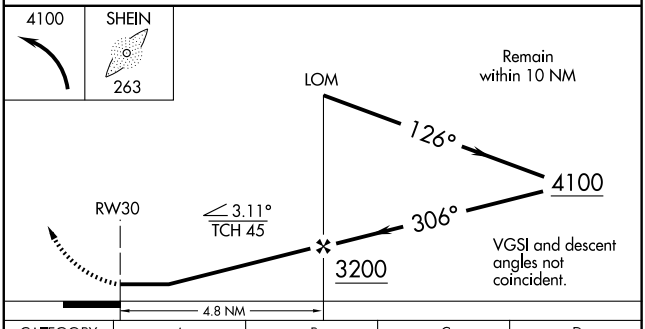
KERRVILLE MUNI/ LOUIS SCHREINER FIELD (ERV)

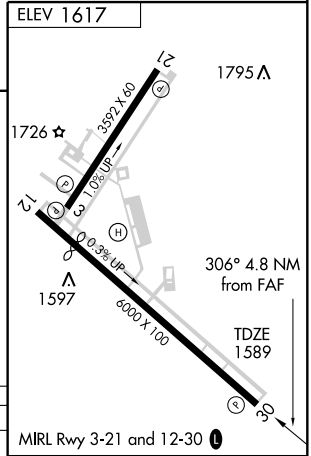
NA

MISSED APPROACH: Climbing left turn to 4100 direct SHEIN LOM and hold.

AWOS-3	HOUSTON CENTER	CLNC DEL	UNICOM
118.125	134.95 269.4	134.95	122.7 (CTAF)







CATEGORY	A	B	C	D
S-30	2300-1	711 (700-1)	2300-2 711 (700-2)	NA
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	NA

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5310
124°	TDZE	1584
	Apt Elev	1617

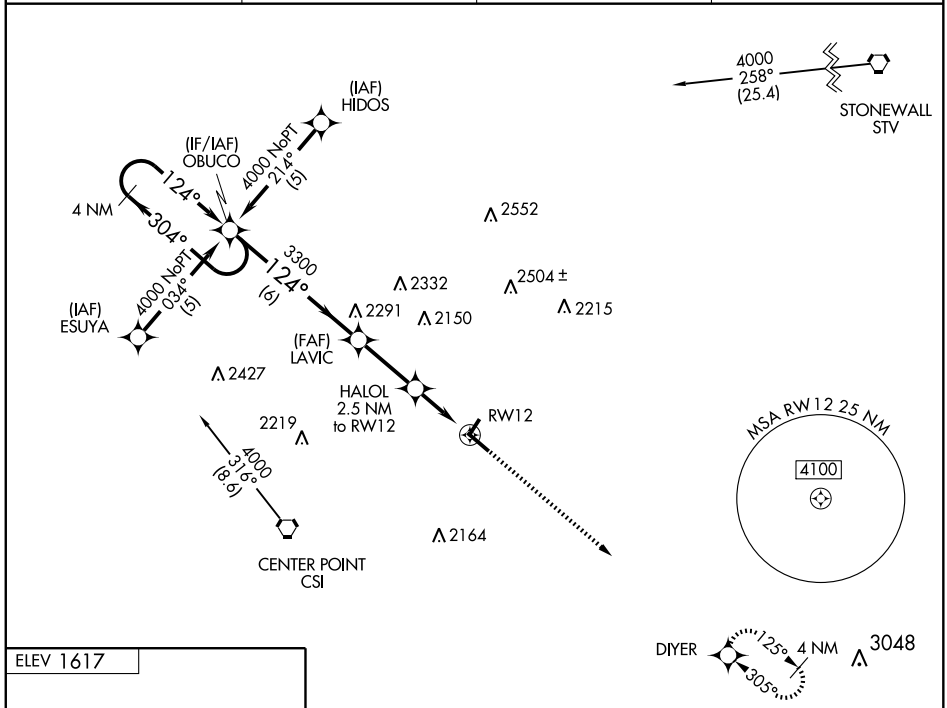
RNAV (GPS) RWY 12

KERRVILLE MUNI/ LOUIS SCHREINER FIELD (ERV)

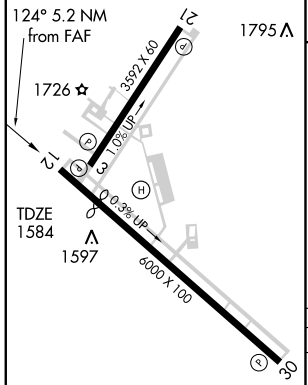
DME/DME RNP-0.3 NA.
When VGSI inoperative, procedure NA at night.

MISSED APPROACH: Climb to 4100 direct DIYER and hold.

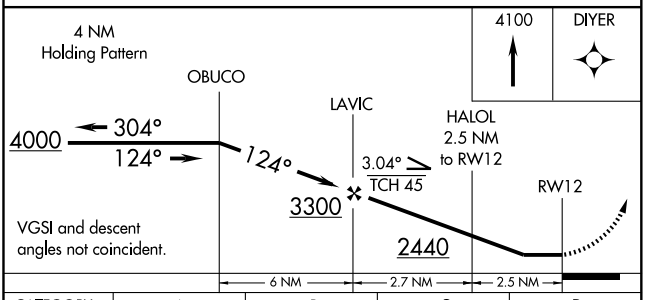
AWOS-3	HOUSTON CENTER	CLNC DEL	UNICOM
118.125	134.95 269.4	134.95	122.7 (CTAF) L



Procedure NA for arrivals at CSI VORTAC on airway radials 314 CW 015 and at STV VORTAC on airway radial 284.



MIRL Rwy 3-21 and 12-30 L



CATEGORY	A	B	C	D
LNAV MDA	2160-1	576 (600-1)	2160-1½ 576 (600-1½)	NA
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

KERRVILLE, TEXAS

AL-5690 (FAA)

WAAS Ch 77527 W30A	APP CRS 305°	Rwy Idg 6000 TDZE 1589 Apt Elev 1617

RNAV (GPS) RWY 30

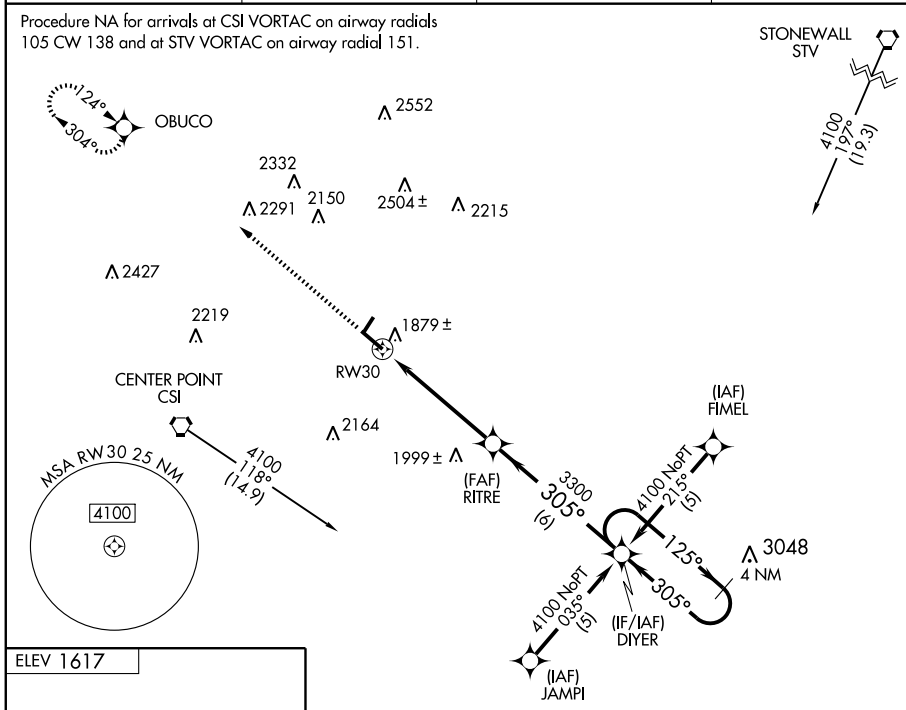
KERRVILLE MUNI/ LOUIS SCHREINER FIELD (ERV)

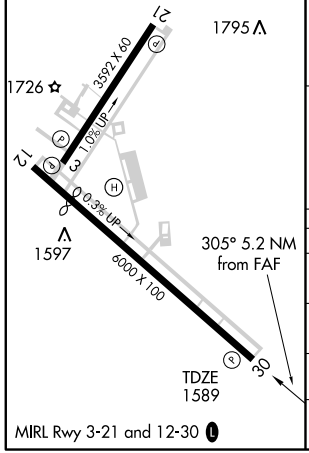
DME/DME RNP-0.3 NA.
When VGSI inoperative, procedure NA at night.

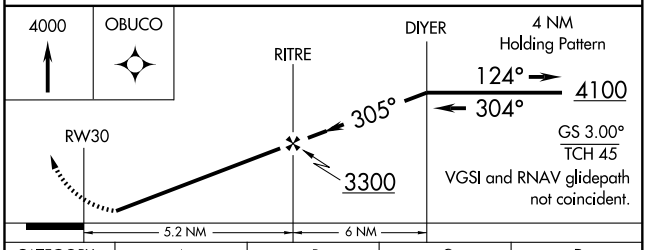
MISSED APPROACH: Climb to 4000 direct OBUCO and hold.

AWOS-3	HOUSTON CENTER	CLNC DEL	UNICOM
118.125	134.95 269.4	134.95	122.7 (CTAF) L

Procedure NA for arrivals at CSI VORTAC on airway radials 105 CW 138 and at STV VORTAC on airway radial 151.







CATEGORY	A	B	C	D
LPV DA	1860-1 271 (300-1)			NA
LNAV/ VNAV DA	NA			
LNAV MDA	2140-1 551 (600-1)		2140-1½ 551 (600-1½)	NA
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

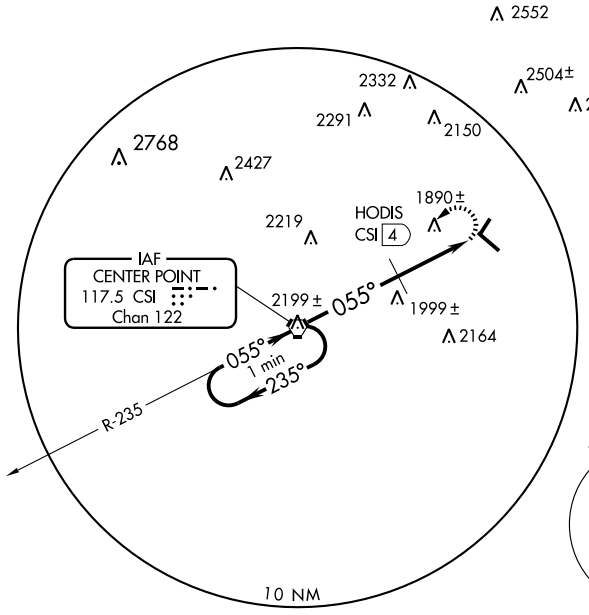
VORTAC CSI	APP CRS	Rwy Idg	N/A
117.5	055°	TDZE	N/A
Chan 122		Apt Elev	1617

VOR-A

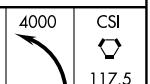
KERRVILLE MUNI/ LOUIS SCHREINER FIELD (ERV)

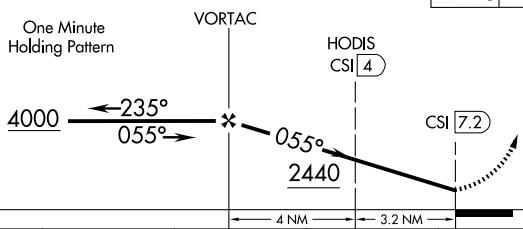
MISSED APPROACH: Climbing left turn to 4000 direct CSI VORTAC.

AWOS-3	HOUSTON CENTER	CLNC DEL	UNICOM
118.125	134.95 269.4	134.95	122.7 (CTAF) L

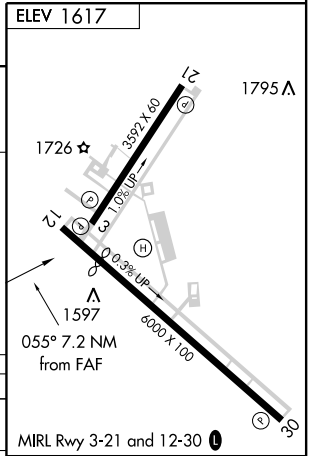








CATEGORY	A	B	C	D
CIRCLING	2440-1 823 (900-1)	2440-1¼ 823 (900-1¼)	2440-2½ 823 (900-2½)	NA
HODIS FIX MINIMUMS				
CIRCLING	2320-1 703 (800-1)	2340-1 723 (800-1)	2380-2¼ 763 (800-2¼)	NA



FAF to MAP 7.2 NM

Knots	60	90	120	150	180
Min:Sec	7:12	4:48	3:36	2:53	2:24

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-ILE	APP CRS	Rwy Idg	4651
108.3	012°	TDZE	844
		Apt Elev	848

ILS or LOC RWY 1

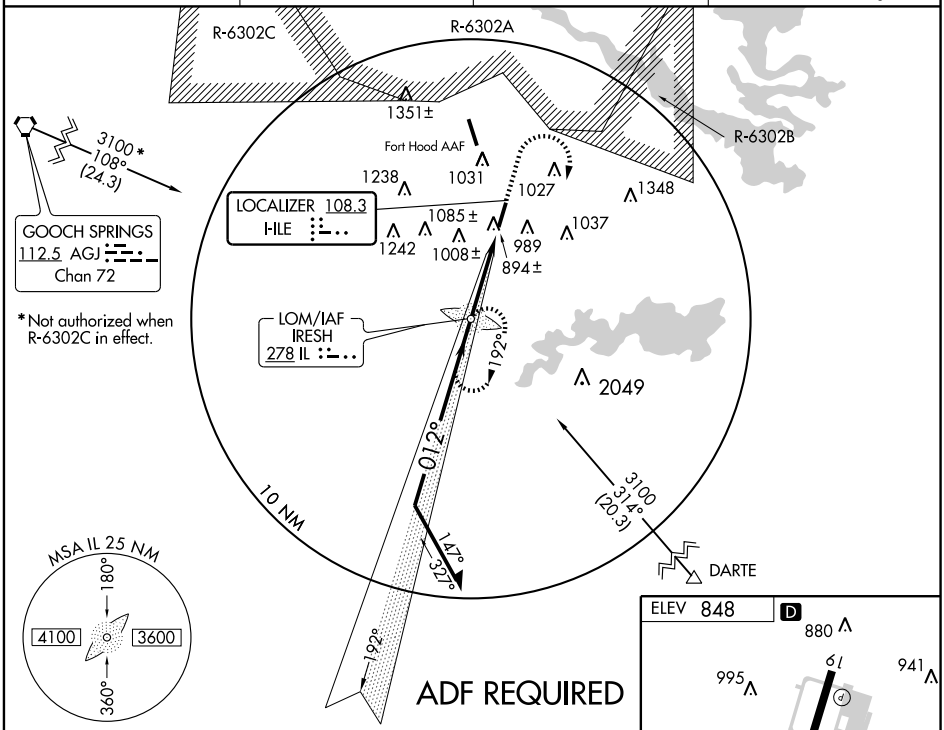
KILLEEN/SKYLARK FIELD (ILE)

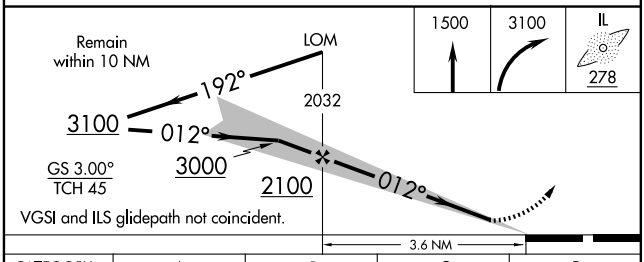
T NA — Inoperative table does not apply. For inoperative MALSR, increase S-LOC 1 Cats A, B and C visibility to 1 mile. ADF required. When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all DA 41 feet and all MDA 60 feet. For inoperative MALSR when using Robert Gray AAF altimeter setting, increase S-LOC 1 Cats A, B, and C visibility to 1 mile. Visibility reduction by helicopters NA.

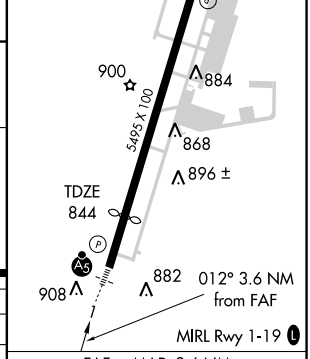
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3100 direct IRESH LOM and hold, continue climb in hold to 3100.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
128.575	120.075 323.15	121.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 1	1094-¾ 250 (300-¾)			NA
S-LOC 1	1180-¾ 336 (400-¾)			NA
CIRCLING	1320-1 472 (500-1)	1360-1 512 (600-1)	1360-1½ 512 (600-1½)	NA

FAF to MAP 3.6 NM

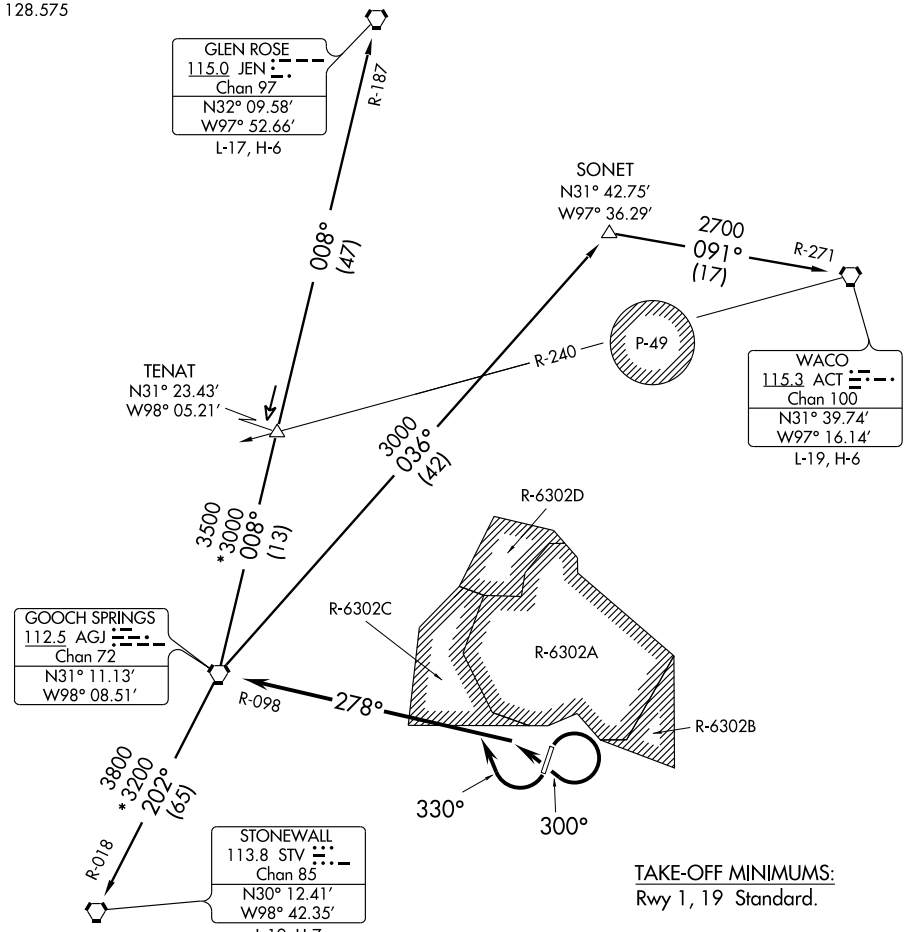
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-3, 17 DEC 2009 to 14 JAN 2010

LAMPS FOUR DEPARTURE

CLNC DEL
121.7
GRAY DEP CON
120.075 323.15
AWOS-3
128.575

NOTE: RADAR Required.
NOTE: MRA at TENAT Int 4000 for Non-DME aircraft.



TAKE-OFF MINIMUMS:
Rwy 1, 19 Standard.

TAKE-OFF OBSTACLES:

Rwy 1: Multiple poles beginning 317' from DER, 384' left of centerline, up to 27' AGL/868' MSL.
Tree, 973' from DER, 100' left of centerline, 28' AGL/876' MSL.
Building, 486' from DER, 9' right of centerline, 13' AGL/854' MSL.
Antenna, 351' from DER, 277' right of centerline, 11' AGL/852' MSL.

Rwy 19: Pole, 288' from DER, 588' right of centerline, 32' AGL/880' MSL.
Building, 102' from DER, 411' right of centerline, 8' AGL/856' MSL.
Vehicle on road, 232' from DER, 499' right of centerline, 15' AGL/867' MSL.
Pole, 256' from DER, 497' left of centerline, 32' AGL/873' MSL.
Building, 276' from DER, 342' left of centerline, 11' AGL/859' MSL.
Building, 298' from DER, 83' left of centerline, 9' AGL/857' MSL.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SC-3, 17 DEC 2009 to 14 JAN 2010

LAMPS FOUR DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 1: Climbing right turn heading 300° (to assigned altitude), to intercept and proceed via AGJ R-098. Thence . . . .
TAKE-OFF RWY 19: Climbing right turn heading 330° (to assigned altitude), to intercept and proceed via AGJ R-098. Thence . . . .

. . . . via (transition) or (assigned route).

GLEN ROSE TRANSITION (LAMPS4.JEN): (For aircraft inbound to Dallas/Fort Worth terminal area airports.) From over AGJ VORTAC via AGJ R-008 and JEN R-187 to JEN VORTAC.
STONEWALL TRANSITION (LAMPS4.STV): From over AGJ VORTAC via AGJ R-202 and STV R-018 to STV VORTAC.
WACO TRANSITION (LAMPS4.ACT): (For aircraft inbound to terminal area airports.) From over AGJ VORTAC via AGJ R-036 to SONET INT, then via ACT R-271 to ACT VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4651
012°	TDZE	844
	Apt Elev	848

RNAV (GPS) RWY 1

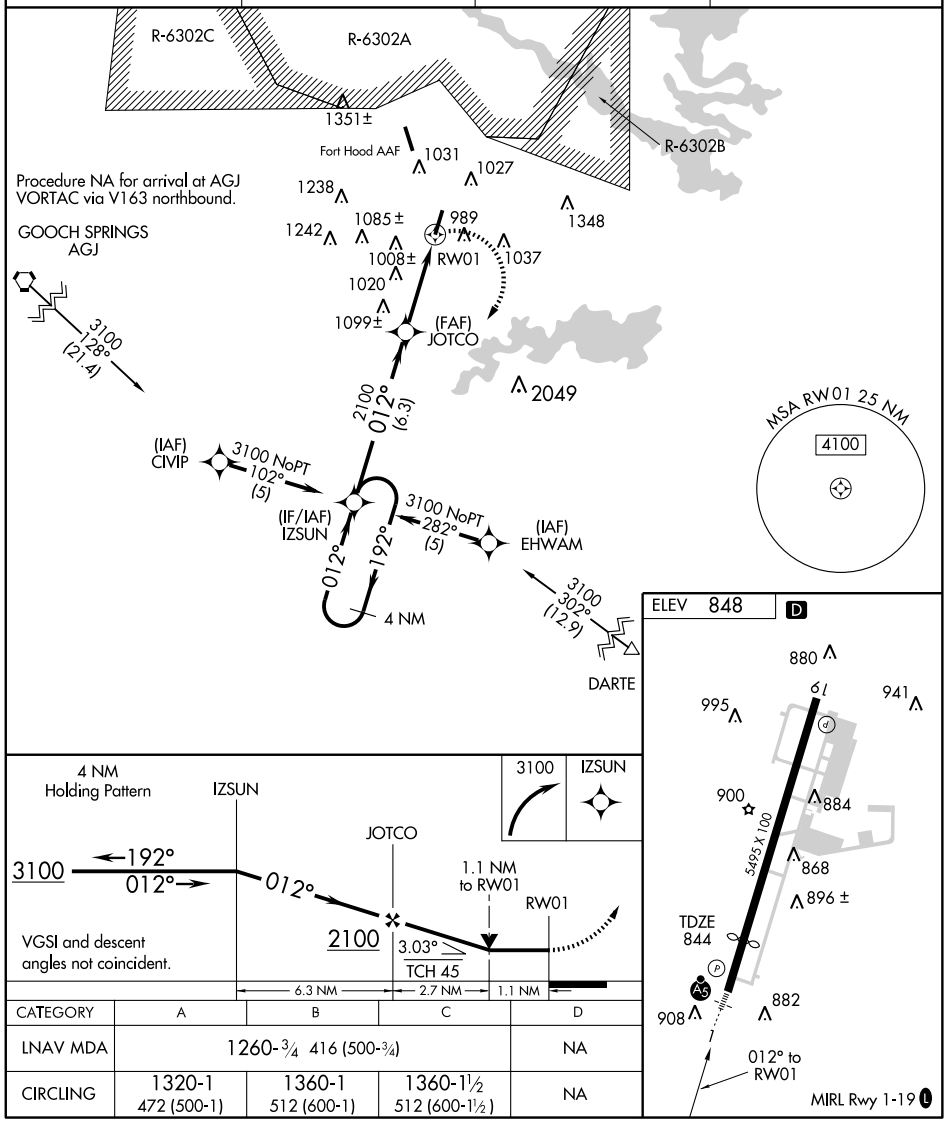
KILLEEN/ SKYLARK FIELD (ILE)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDA 60 feet. For inoperative MALSR, increase LNAV Cat A and B visibility to 1 mile. For inoperative MALSR when using Robert Gray AAF altimeter setting, increase LNAV Cat A and B visibility to 1 mile. VDP NA when using Robert Gray AAF altimeter setting.

MALSR

MISSED APPROACH: Climbing right turn to 3100 direct IZSUN and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
128.575	120.075 323.15	121.7	122.7 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1260-¾ 416 (500-¾)			NA
CIRCLING	1320-1 472 (500-1)	1360-1 512 (600-1)	1360-1½ 512 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

KILLEEN, TEXAS

AL-5344 (FAA)

09351

VOR-A

KILLEEN/ SKYLARK FIELD (ILE)

VOR/DME GRK	APP CRS	Rwy Idg	N/A
111.8	057°	TDZE	N/A
Chan 55		Apt Elev	848

When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDA 60 feet.

NA

MISSED APPROACH: Climbing right turn to 3000 direct GRK VOR/DME and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
128.575	120.075 323.15	121.7	122.7 (CTAF) L

*NA when R-6302C in effect.

R-6302A

R-6302C

R-6302B

Fort Hood AAF

1351±

1031

1027

1238

1348

1085±

989

1242

1008±

1037

1020

1049

3000*
113°
(19.2)

GOOCH SPRINGS
112.5 AGJ
Chan 72

IAF
GRAY
111.8 GRK
Chan 55

057°

237°

HEKIP
GRK 5

057°

012°

192°

R-237

2049

MSA GRK 25 NM

180°

4200

3100

360°

3600
303°
(24.6)

DARTE

3100
051°
(24.9)

SLIMM

10 NM

Remain within 10 NM

VOR/DME

237°

3000

057°

2000

1620**

5 NM

2 NM

3000

GRK

111.8

HEKIP
GRK 5

GRK
7

**1680 when using Robert Gray AAF altimeter setting.

ELEV 848

D

880

995

61

941

900

884

057° 7 NM from FAF

5495 X 100

868

896±

908

882

MIRL Rwy 1-19 L

FAF to MAP 7 NM

Knots	60	90	120	150	180
Min:Sec	7:00	4:40	3:30	2:48	2:20

CATEGORY	A	B	C	D
CIRCLING	1620-1 772 (800-1)	1620-1¼ 772 (800-1¼)	1620-2¼ 772 (800-2¼)	NA
HEKIP FIX MINIMUMS				
CIRCLING	1320-1 472 (500-1)	1360-1 512 (600-1)	1360-1½ 512 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6000
134°	TDZE	131
	Apt Elev	131

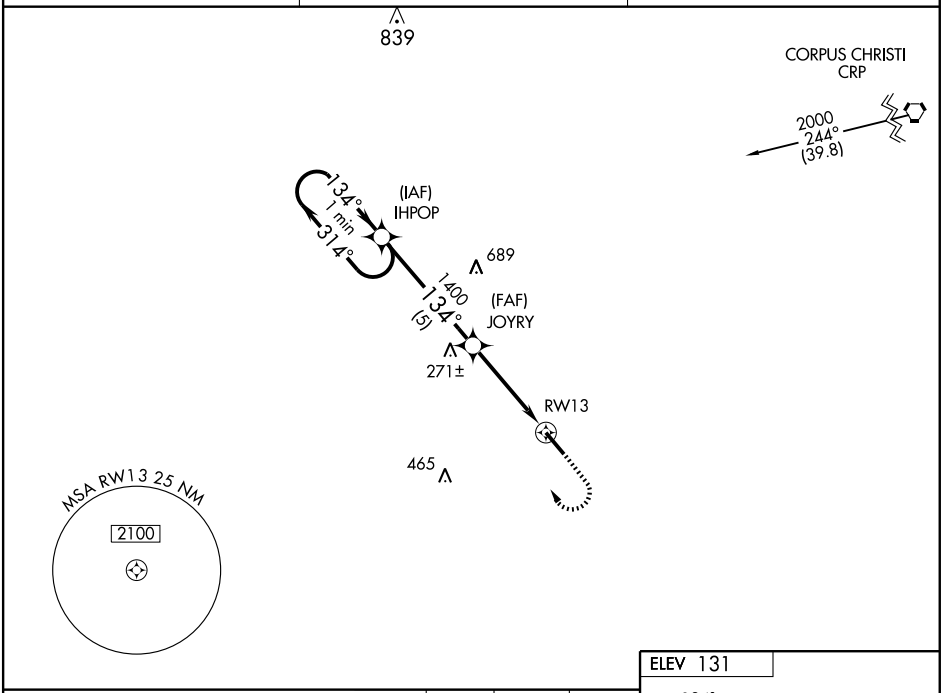
GPS RWY 13

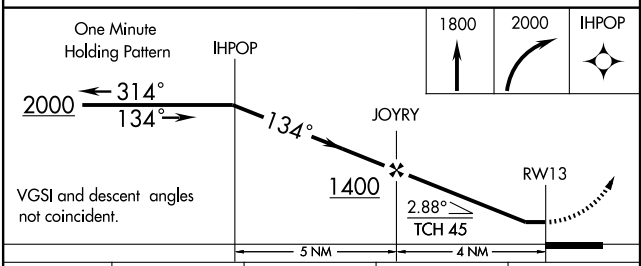
KINGSVILLE/KLEBERG COUNTY (IKG)

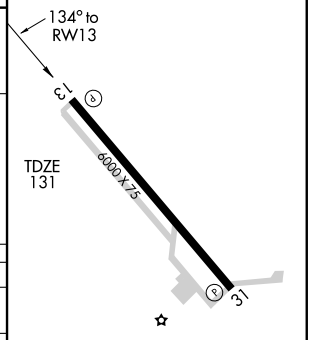
NA Use Navy Kingsville altimeter setting, when not received use Corpus Christi altimeter setting.

MISSED APPROACH: Climb to 1800 then climbing right turn to 2000 direct IHPOP and hold.

AWOS-3	KINGSVILLE APP CON ★	UNICOM
119.075	119.9 290.45	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-13	540-1 409 (500-1)		540-1¼ 409 (500-1¼)	
CIRCLING	580-1 449 (500-1)	600-1 469 (500-1)	600-1½ 469 (500-1½)	700-2 569 (600-2)
CORPUS CHRISTI ALTIMETER SETTING MINIMUMS				
S-13	600-1 469 (500-1)		600-1¼ 469 (500-1¼)	600-1½ 469 (500-1½)
CIRCLING	640-1 509 (600-1)	660-1 529 (600-1)	660-1½ 529 (600-1½)	700-2 569 (600-2)

REIL Rwys 13 and 31 L
MIRL Rwy 13-31 L

SC-3. 17 DEC 2009 to 14 JAN 2010

NDB TKB	APP CRS		
347	132°	Rwy Idg	6000
		TDZE	131
		Apt Elev	131

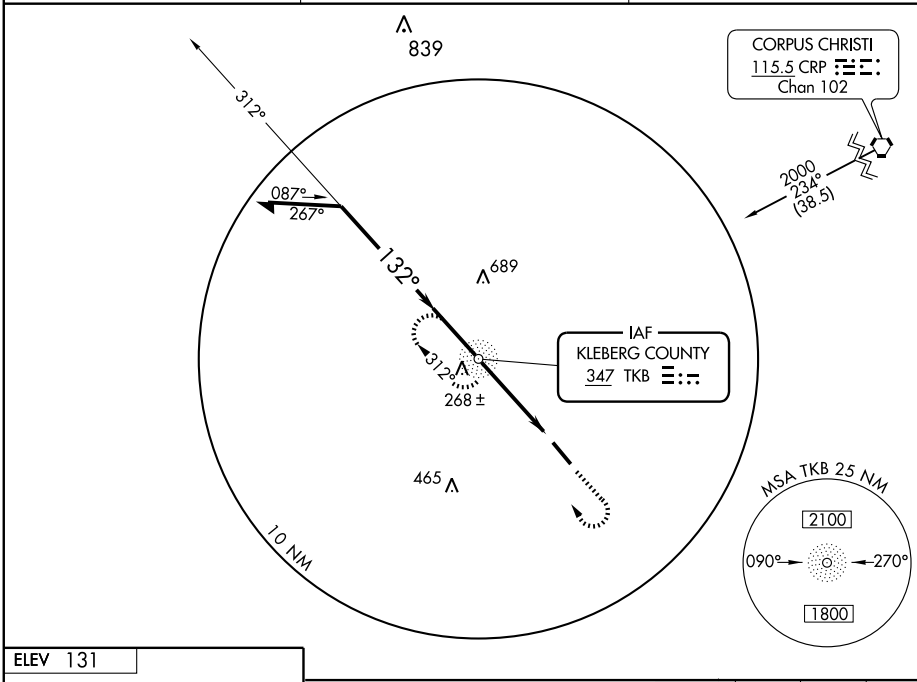
NDB RWY 13

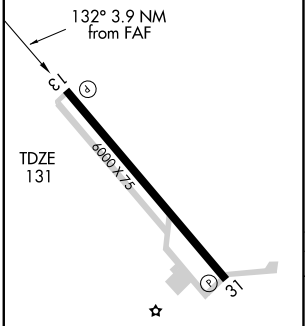
KINGSVILLE/KLEBERG COUNTY (IKG)

⚠ NA Use Navy Kingsville altimeter setting, when not received use Corpus Christi altimeter setting.

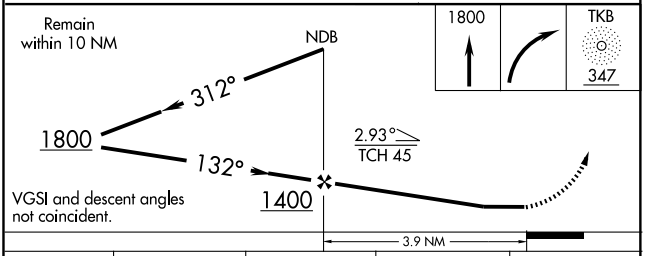
MISSED APPROACH: Climb to 1800 then right turn direct TKB NDB and hold.

AWOS-3	KINGSVILLE APP CON ★	UNICOM
119.075	119.9 290.45	122.7 (CTAF) L



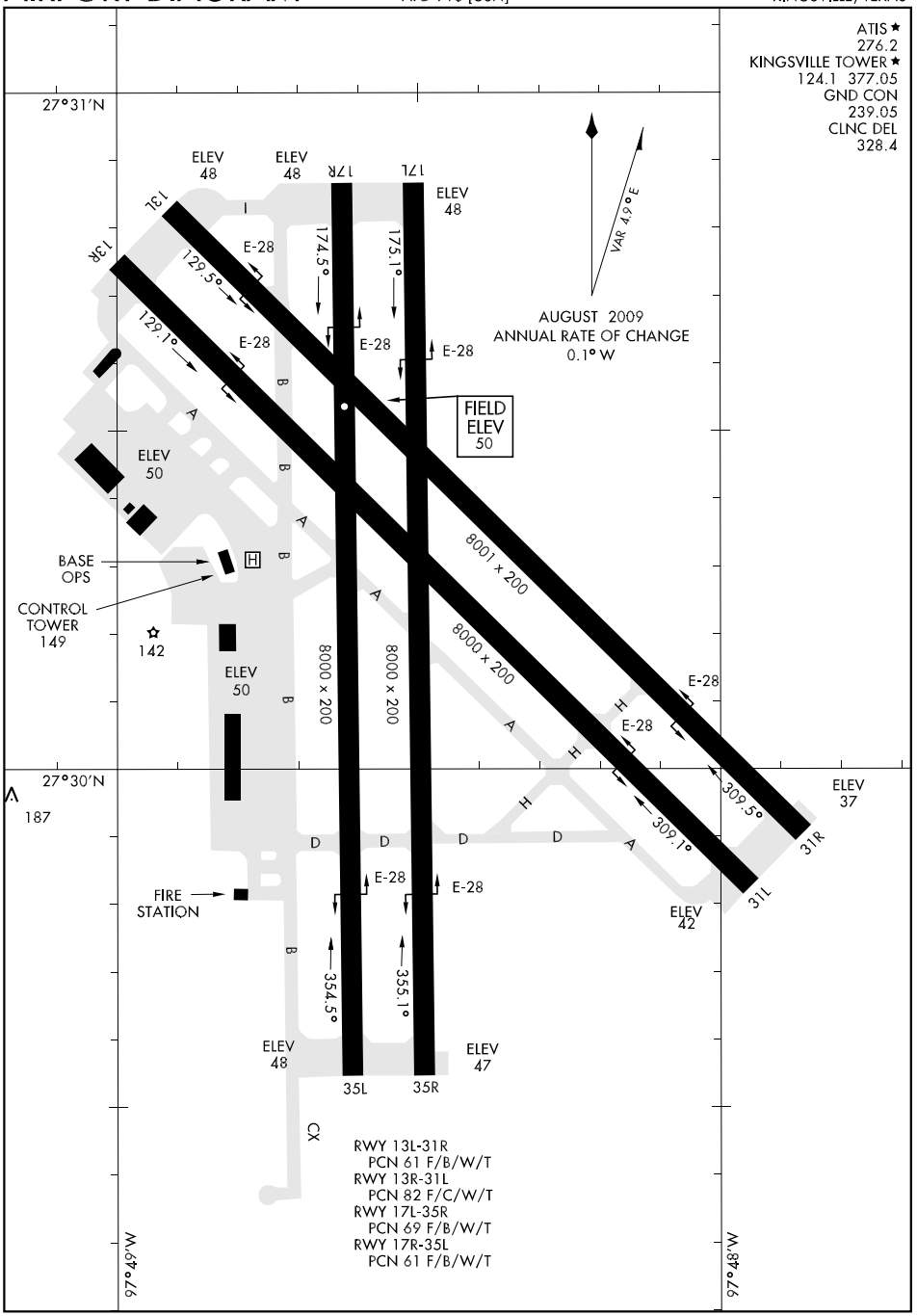


FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18



CATEGORY	A	B	C	D
S-13	600-1 469 (500-1)		600-1¼ 469 (500-1¼)	600-1½ 469 (500-1½)
CIRCLING	600-1 469 (500-1)		600-1½ 469 (500-1½)	700-2 569 (600-2)
CORPUS CHRISTI ALTIMETER SETTING MINIMUMS				
S-13	660-1 529 (600-1)		660-1½ 529 (600-1½)	660-1¾ 529 (600-1¾)
CIRCLING	660-1 529 (600-1)		660-1½ 529 (600-1½)	700-2 569 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010



SC-3, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 13R

LOC I-NQI	APCH CRS	Rwy ldg 8000 TDZE 50 Arpt Elev 50
110.9	130°	

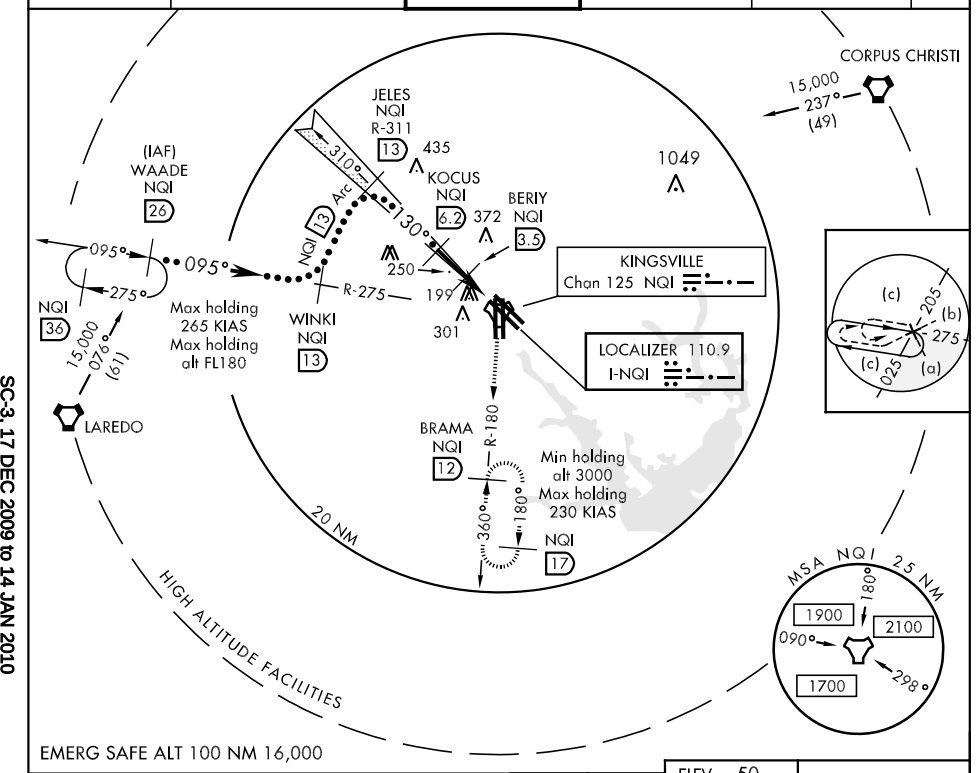
JAL-918 [USN]

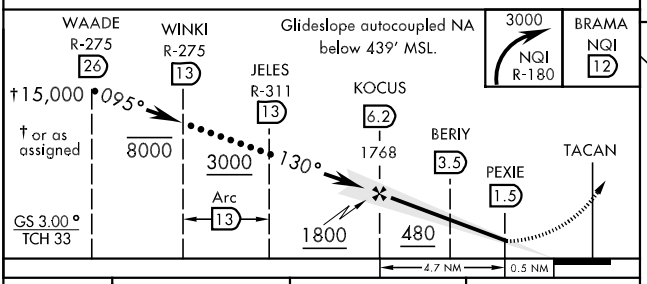
KINGSVILLE NAS (KNQI)

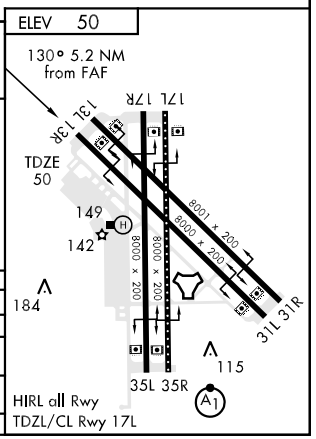
* CAT E circling not authorized SW of Rwy 13-31.

MISSED APPROACH: Climbing right turn to 3000 via NQI TACAN R-180 to BRAMA and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER★	GND CON	CLNC DEL	ASR/ PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







CATEGORY	C	D	E
S-ILS 13R	250-¾ 200 (200-¾)		
S-LOC/ DME 13R	400-1 350 (400-1)	400-1¼ 350 (400-1¼)	
CIRCLING *	500-1½ 450 (500-1½)	620-2 570 (600-2)	680-2¼ 630 (700-2¼)
S-PAR 13R	150-½ 100 (100-½)	GS 3.00°	

KINGSVILLE, TEXAS 27°30'N-97°49'W KINGSVILLE NAS (KNQI)

Orig 09155

HI-ILS or LOC/DME RWY 13R

SC-3, 17 DEC 2009 to 14 JAN 2010

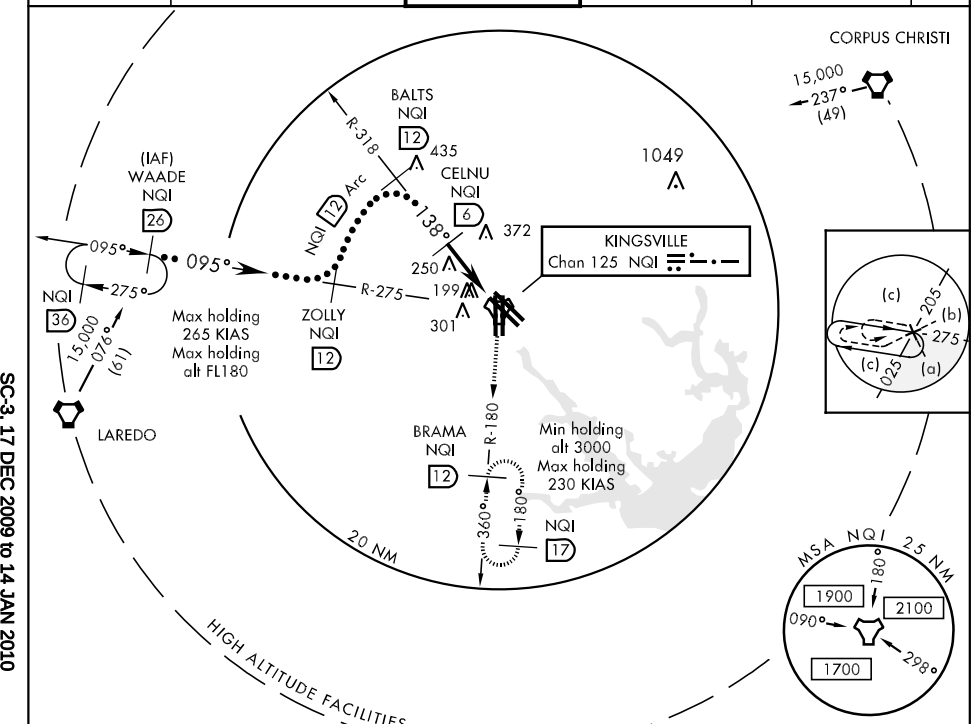
HI-TACAN RWY 13R

TACAN NQI Chan 125	APCH CRS 138°	Rwy ldg 8000 TDZE 50 Arpt Elev 50	JAL-918 [USN]	KINGSVILLE NAS (KNQI)

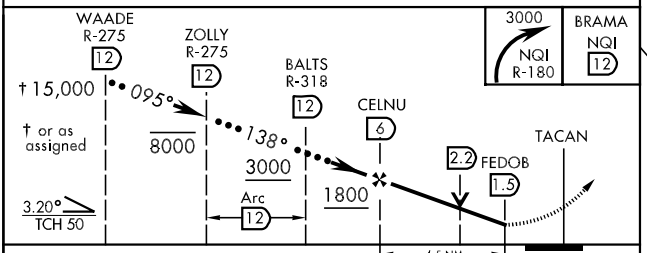
* CAT E circling not authorized SW of Rwy 13-31.

MISSED APPROACH: Climbing right turn to 3000 via NQI TACAN R-180 to BRAMA and hold.

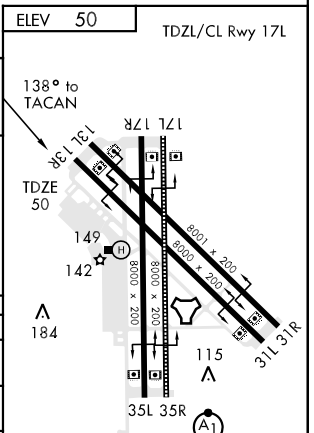
ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER★	GND CON	CLNC DEL	ASR/ PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	



EMERG SAFE ALT 100 NM 16,000



CATEGORY	C	D	E
S-13R	500-1¼ 450 (500-1¼)	500-1½ 450 (500-1½)	
CIRCLING *	500-1½ 450 (500-1½)	620-2 570 (600.2)	680-2¼ 630 (700-2¼)
S-PAR 13R	150- ½ 100 (100-½)	GS 3.00°	



HI-TACAN RWY 35R

TACAN	APCH CRS	Rwy ldg	8000
NQI Chan 125	360°	TDZE	48
		Arpt Elev	50

JAL-918 [USN]

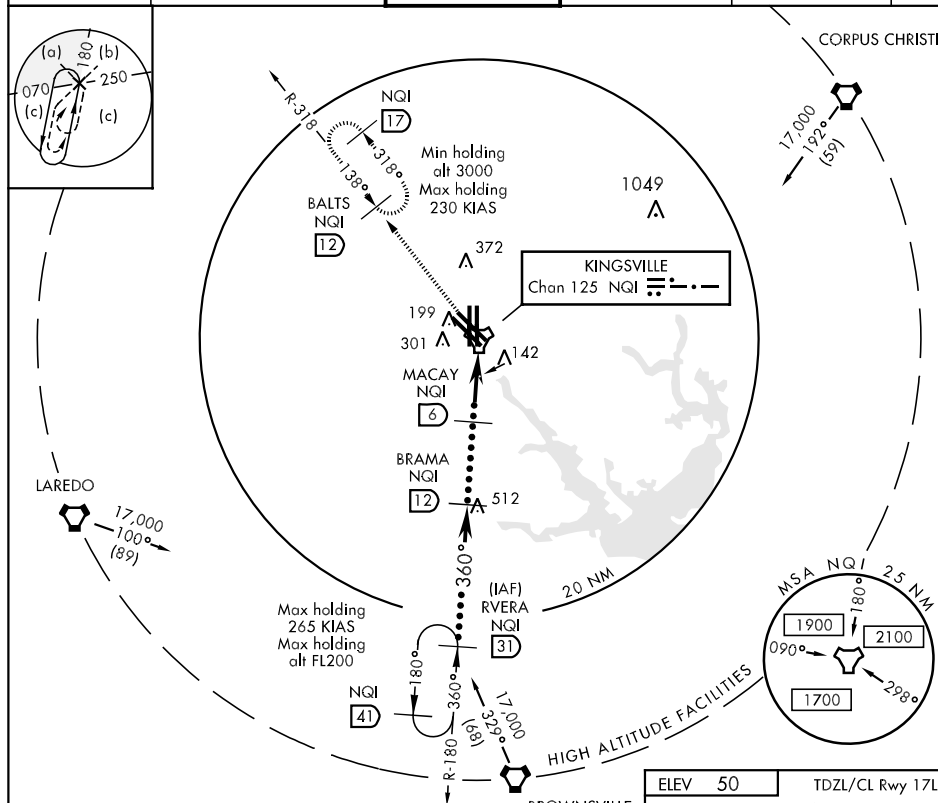
KINGSVILLE NAS (KNQI)

* When ALS inop, increase CAT C vis to 1 mile, CAT DE vis to 1¼ miles
** CAT E circling not authorized SW of Rwy 13-31.
*** When ALS inop, increase CAT CDE vis to ½ mile.

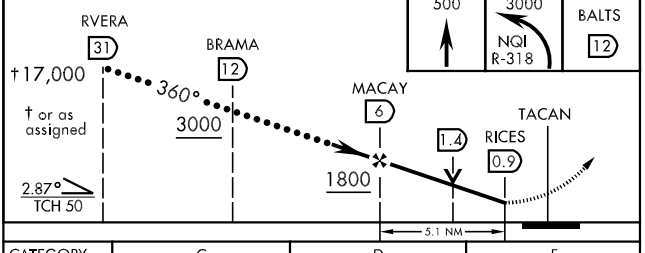
ALSF-1

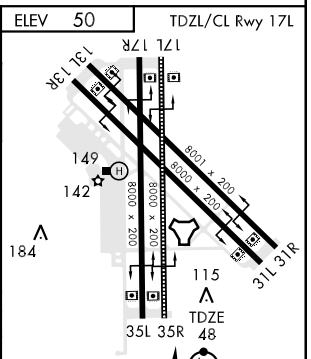
MISSED APPROACH: Climb to 500, then climbing left turn to 3000 via NQI TACAN R-318 to BALTS and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	



EMERG SAFE ALT 100 NM 16,000





CATEGORY	C	D	E
S-35R *	400-¾	352 (400-¾)	
CIRCLING **	500-1½ 450 (500-1½)	620-2 570 (600-2)	680-2¼ 630 (700-2¼)
S-PAR 35R***	148-¼	100 (100-¼)	GS 3.00°

ILS Z or LOC/DME RWY 13R

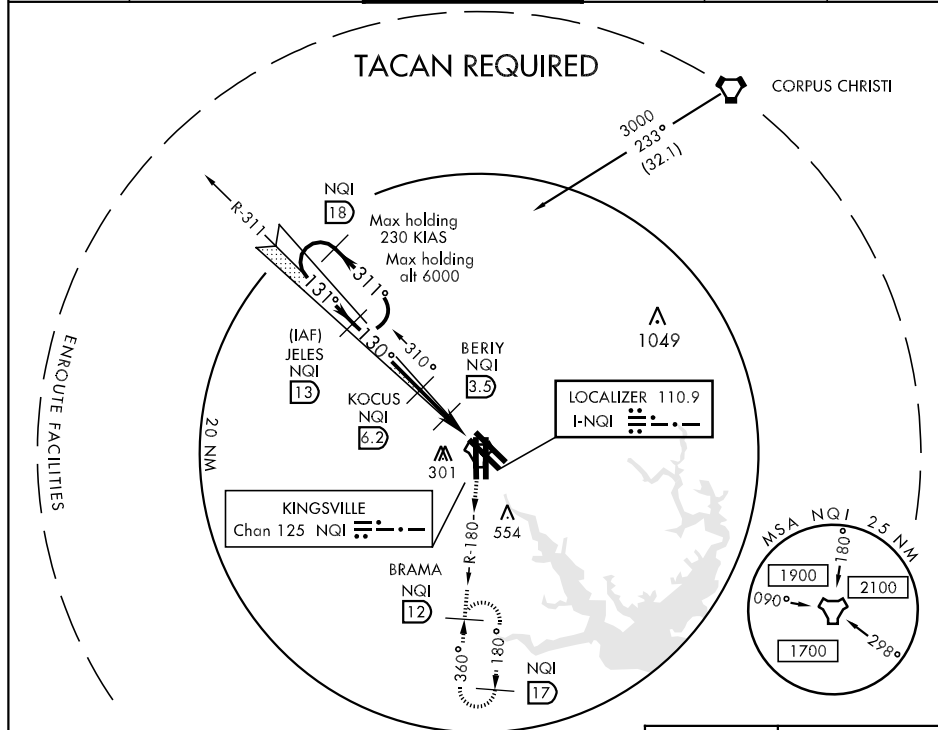
LOC I-NQI	APCH CRS	Rwy ldg 8000
110.9	130°	TDZE 50
		Arpt Elev 50

AL-918 [USN]

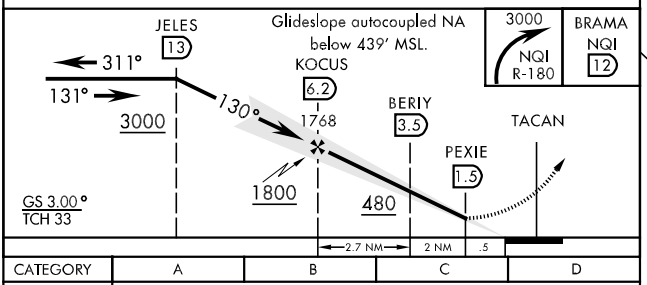
KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing right turn to 3000 via NQI TACAN R-180 to BRAMA and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	

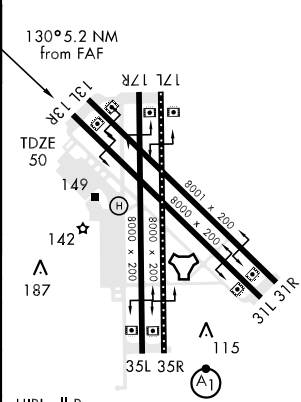


EMERG SAFE ALT 100 NM 16,000



CATEGORY	A	B	C	D
S-ILS 13R	250-¾	200	(200-¾)	
S-LOC 13R	400-1	350	(400-1)	400-1¼ 350 (400-1¼)
CIRCLING	500-1	450	(500-1)	500-1½ 450 (500-1½) / 620-2 570 (600-2)
S-PAR 13R	150-½	100	(100-½)	GS 3.00°

ELEV 50 TDZL/CL Rwy 17L

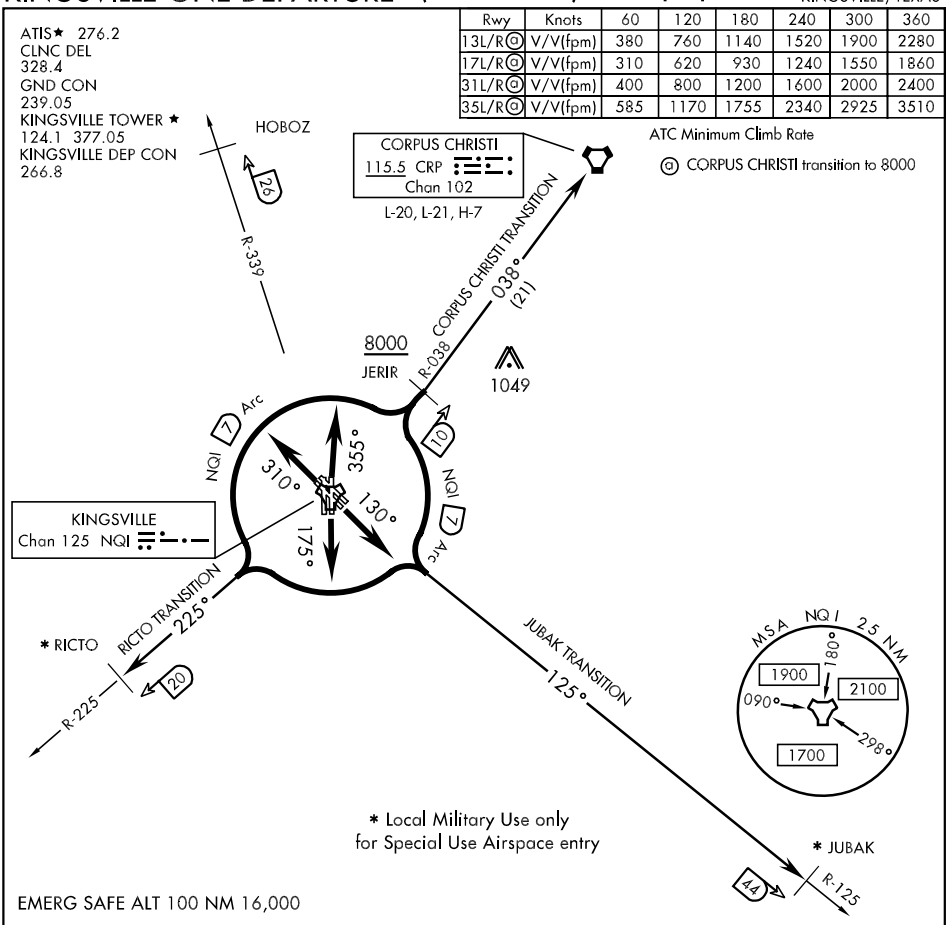


KINGSVILLE-ONE DEPARTURE (NQI1 • NQI)

SHL-918 [USN]

KINGSVILLE, TEXAS

Rwy	Knots	60	120	180	240	300	360
13L/R ⓐ	V/V(fpm)	380	760	1140	1520	1900	2280
17L/R ⓐ	V/V(fpm)	310	620	930	1240	1550	1860
31L/R ⓐ	V/V(fpm)	400	800	1200	1600	2000	2400
35L/R ⓐ	V/V(fpm)	585	1170	1755	2340	2925	3510



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 13L/R: Climb via heading 130° to join NQI TACAN 7 DME Arc, thence....

TAKE-OFF RWY 17L/R: Climb via heading 175° to join NQI TACAN 7 DME Arc, thence....

TAKE-OFF RWY 31L/R: Climb via heading 310° to join NQI TACAN 7 DME Arc, thence....

TAKE-OFF RWY 35L/R: Climb via heading 355° to join NQI TACAN 7 DME Arc, thence....

CORPUS CHRISTI TRANSITION (NQI1 • CRP):

Rwys 13L/R and 17L/R: Turn left to join and arc SE on the NQI 7 DME arc to join and fly NQI R-038 to CRP VORTAC. Cross JERIR (NQI R-038/10) at 8000 min.

Rwys 31L/R and 35L/R: Turn right to join and arc N on the NQI 7 DME arc to join and fly NQI R-038 to CRP VORTAC. Cross JERIR (NQI R-038/10) at 8000 min. Departure Rwy 35L/R military use only.

(Continued on next page)

SC-3, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION
(Continued)

RICTO TRANSITION (NQI1 • RICTO): *

Rwys 13L/R and 17L/R: Turn right to join and arc S on the NQI 7 DME arc to join and fly NQI R-225 to RICTO.

Rwys 31L/R and 35L/R: Turn left to join and arc W on the NQI 7 DME arc to join and fly NQI R-225 to RICTO.

JUBAK TRANSITION (NQI1 • JUBAK): *

Rwys 13L/R and 17L/R: Turn left to join and arc SE on the NQI 7 DME arc to join and fly NQI R-125 to JUBAK.

Rwys 31L/R and 35L/R: Turn right to join and arc NE on the NQI 7 DME arc to join and fly NQI R-125 to JUBAK.

* RICTO and JUBAK transitions are for local use for Special Use Airspace entry only.

LOST COMMUNICATIONS: If no transmissions are received one minute after departure, climb to assigned altitude, proceed direct assigned navaid or intercept NQI TACAN 7 DME arc, arc to respective departure radial then via departure radial to assigned departure fix. Then via assigned transition or route. Once established on departure radial climb to filed altitude.

SC-3, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 13L/R

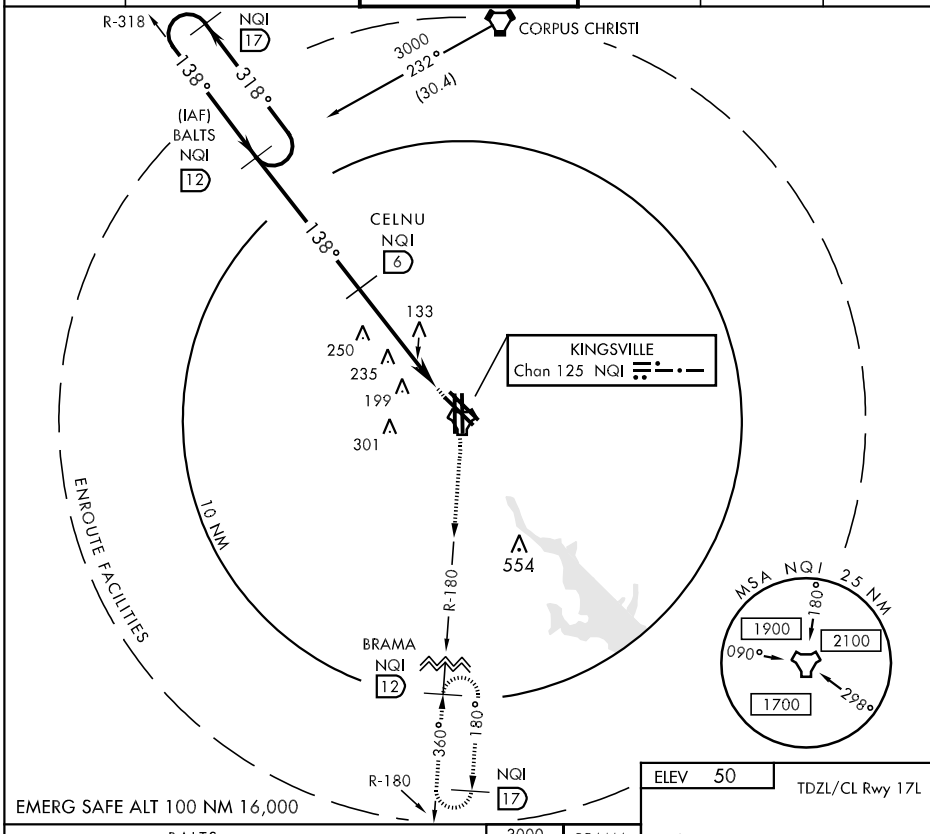
TACAN	APCH CRS	Rwy 13L Idg	TDZE	Rwy 13R Idg	TDZE
NQI Chan 125	138°	8001	49	8000	50
		Arpt Elev 50		Arpt Elev 50	

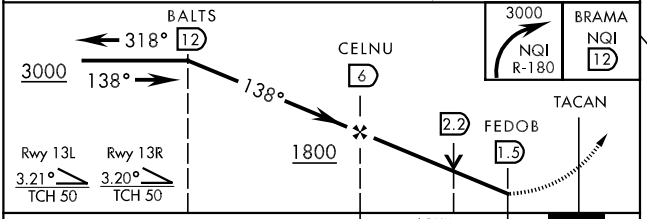
AL-918 [USN]

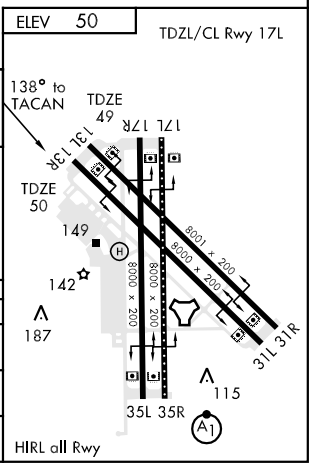
KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing right turn to 3000 via NQI R-180 to BRAMA and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







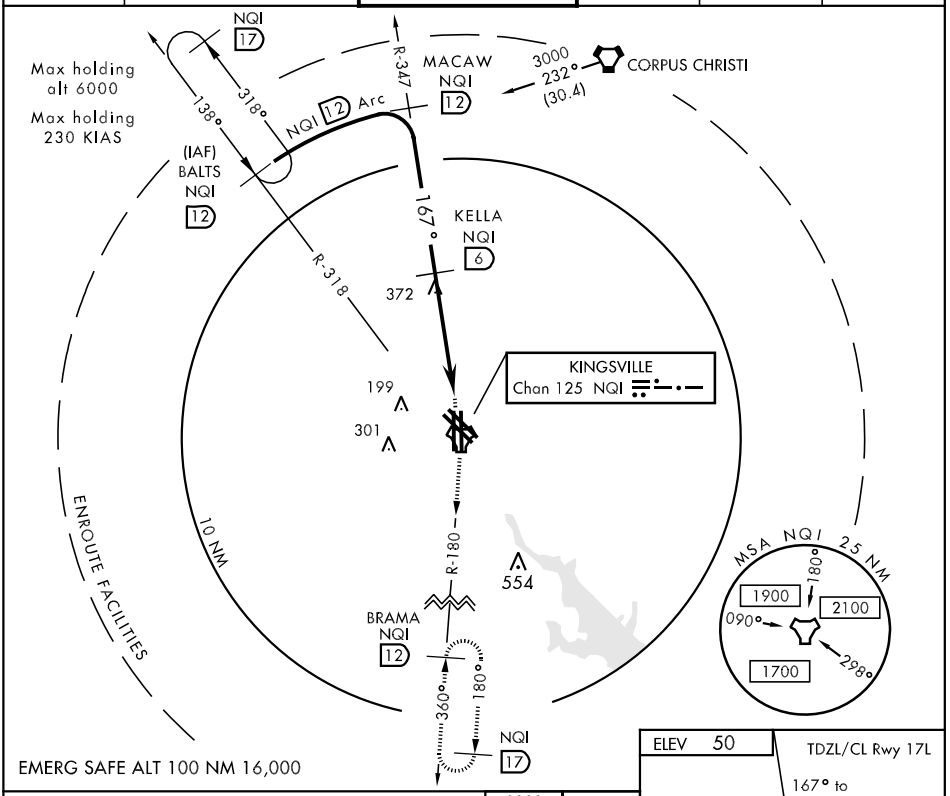
CATEGORY	A		B	C	D
S-13L	500-1	451	(500-1)	500-1¼ 451 (500-1¼)	500-1½ 451 (500-1½)
S-13R	500-1	450	(500-1)	500-1¼ 450 (500-1¼)	500-1½ 450 (500-1½)
CIRCLING	500-1	450	(500-1)	500-1½ 450 (500-1½)	620-2 570 (600-2)

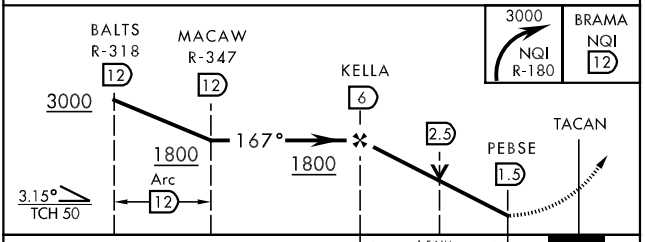
TACAN RWY 17L

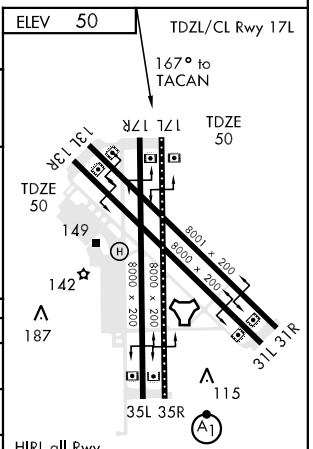
TACAN NQI Chan 125	APCH CRS 167°	Rwy Idg 8000 TDZE 50 Arpt Elev 50	AL-918 [USN]	KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing right turn to 3000 via NQI R-180 to BRAMA and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







CATEGORY	A	B	C	D
S-17L	640-1 590	(600-1)	640-1½ 590 (600-1½)	640-1¾ 590 (600-1¾)
CIRCLING	640-1 590	(600-1)	640-1½ 590 (600-1½)	640-1¾ 590 (600-1¾)
S-PAR-17L	150-½ 100	(100-½)	GS 3.00°	

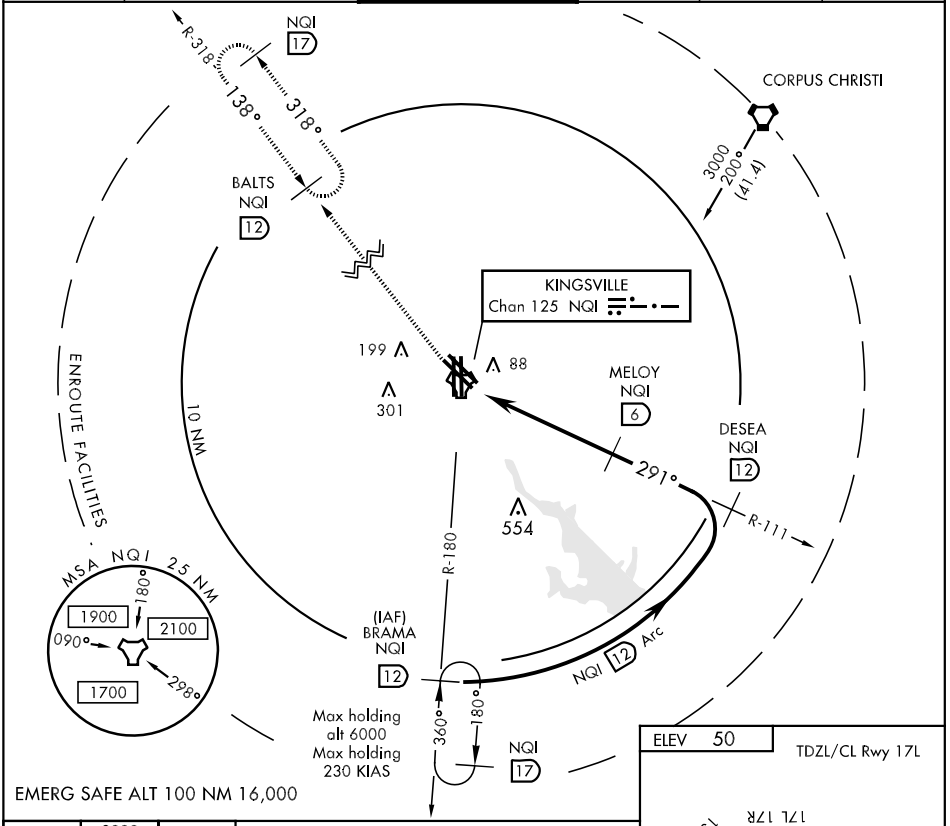
TACAN RWY 31L/R

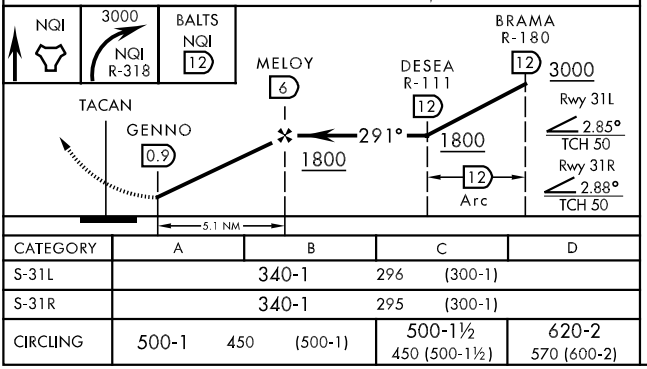
TACAN NQI Chan 125	APCH CRS 291°	Rwy 31L ldg 8000 TDZE 44 Arpt Elev 50	Rwy 31R ldg 8001 TDZE 45 Arpt Elev 50

AL-918 [USN] KINGSVILLE NAS (KNQI)

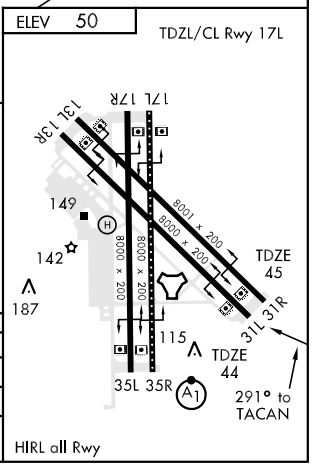
MISSED APPROACH: Climb to NQI TACAN via R-111, then climb to 3000 via R-318 to BALTS and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	





CATEGORY	A	B	C	D
S-31L	340-1		296 (300-1)	
S-31R	340-1		295 (300-1)	
CIRCLING	500-1 450 (500-1)		500-1½ 450 (500-1½)	620-2 570 (600-2)



TACAN RWY 35R

TACAN NQI Chan 125	APCH CRS 360°	Rwy ldg 8000 TDZE 48 Arpt Elev 50

AL-918 [USN]

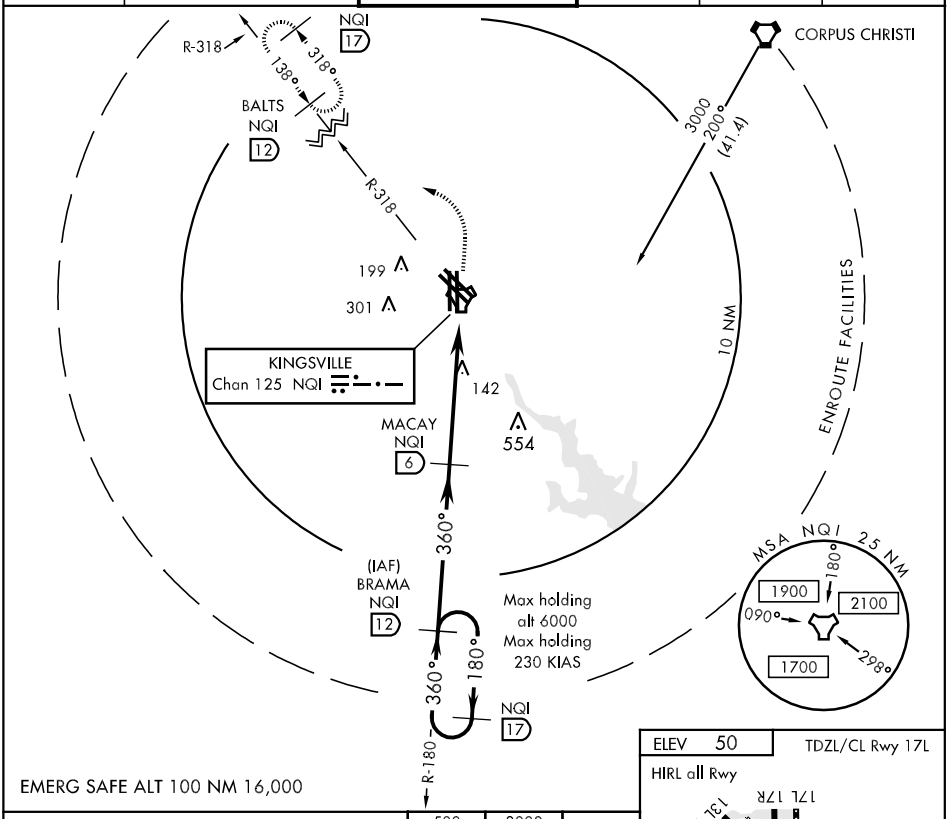
KINGSVILLE NAS (KNQI)

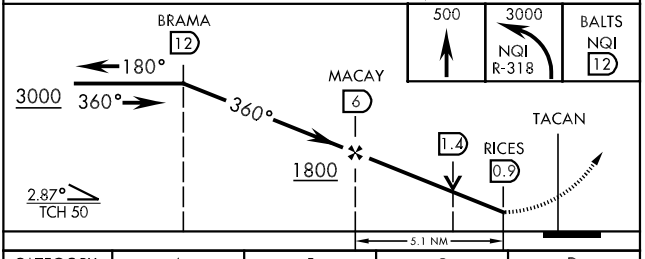
* When ALS inop, increase vis CAT ABC to 1 mile, CAT D to 1¼ miles.
** When ALS inop, increase vis CAT ABCD to ½ mile.

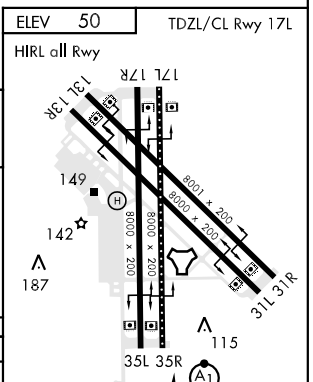
ALSF-1

MISSED APPROACH: Climb to 500, then climbing left turn to 3000 via NQI TACAN R-318 to BALTS and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







CATEGORY	A	B	C	D
S-35R *	400- ½ 352 (400-½)		400- ¾ 352 (400-¾)	
CIRCLING	500-1 450 (500-1)		500-1½ 450 (500-1½)	620-2 570 (600-2)
S-PAR 35R **	148- ¼ 100		(100-¼)	GS 3.00°

TACAN Y RWY 17R

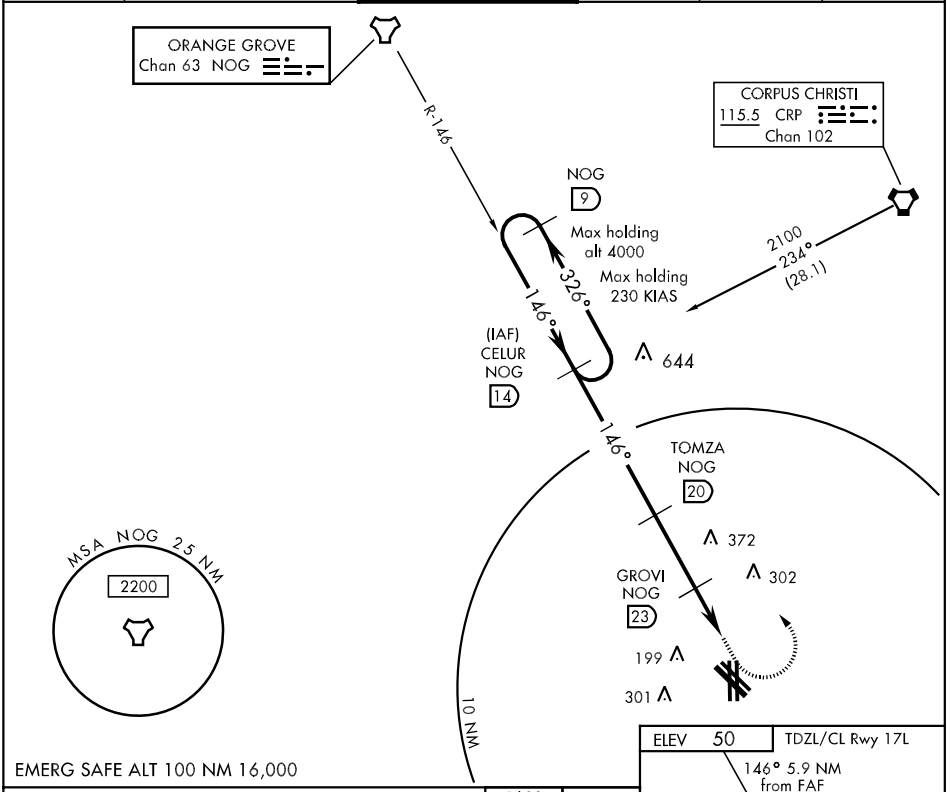
TACAN	APCH CRS	Rwy Idg	8000
Chan 63 NOG	146°	TDZE	50
		Arpt Elev	50

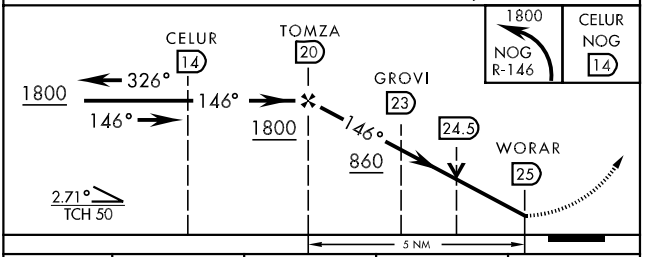
AL-918 [USN]

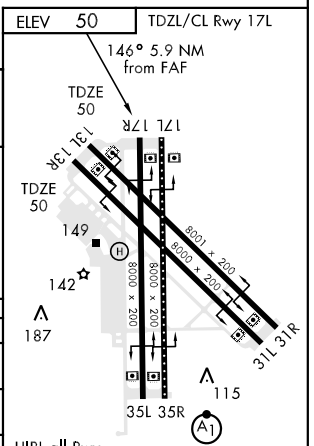
KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing left turn to 1800, intercept NOG TACAN R-146 to CELUR and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







CATEGORY	A	B	C	D
S-17R	560-1¼ 510	(600-1¼)	560-1½ 510 (600-1½)	560-1¾ 510 (600-1¾)
CIRCLING	560-1¼ 510	(600-1¼)	560-1½ 510 (600-1½)	620-2 570 (600-2)
S-PAR-17R	150-½	100	(100-½)	GS 3.00°

TACAN Z RWY 17R

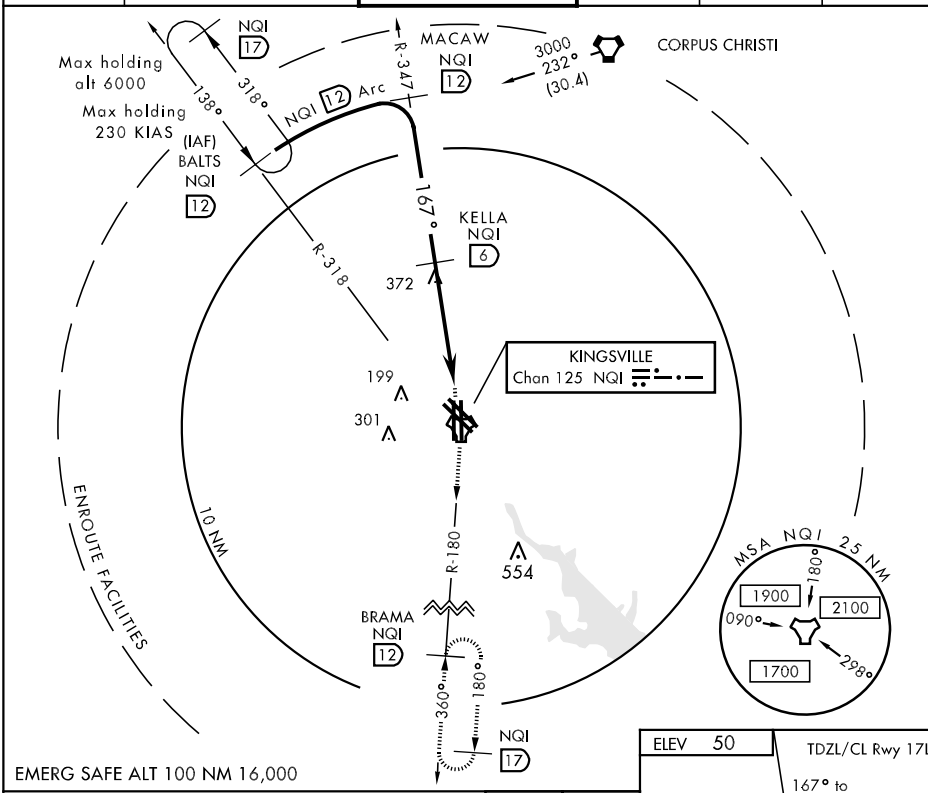
TACAN	APCH CRS	Rwy ldg	8000
Chan 125	167°	TDZE	50
		Arpt Elev	50

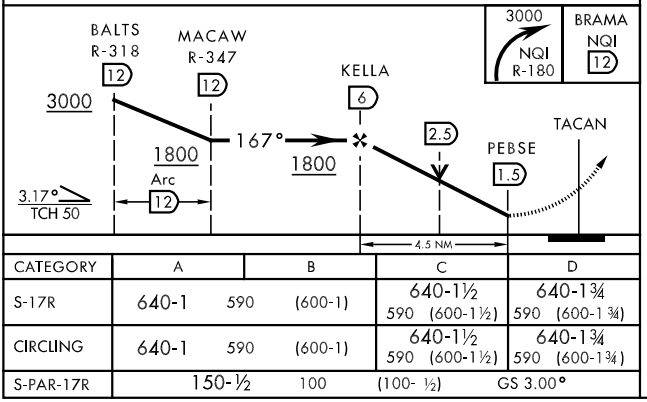
AL-918 [USN]

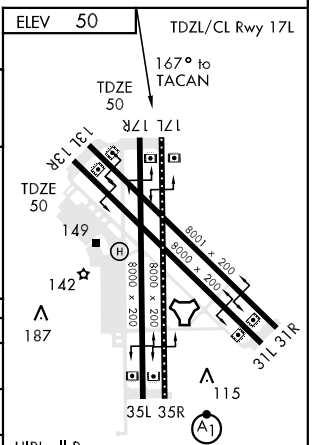
KINGSVILLE NAS (KNQI)

MISSED APPROACH: Climbing right turn to 3000 via NQI R-180 to BRAMA and hold.

ATIS ★	KINGSVILLE APP CON	KINGSVILLE TOWER ★	GND CON	CLNC DEL	ASR/PAR
276.2	119.9 290.45	124.1 377.05	239.05	328.4	







CATEGORY	A	B	C	D
S-17R	640-1 590	(600-1)	640-1½ 590 (600-1½)	640-1¾ 590 (600-1¾)
CIRCLING	640-1 590	(600-1)	640-1½ 590 (600-1½)	640-1¾ 590 (600-1¾)
S-PAR-17R	150-½ 100		(100- ½) GS 3.00°	

NDB HRD	APP CRS		
524	141°	Rwy Idg	4303
		TDZE	71
		Apt Elev	71

NDB RWY 13

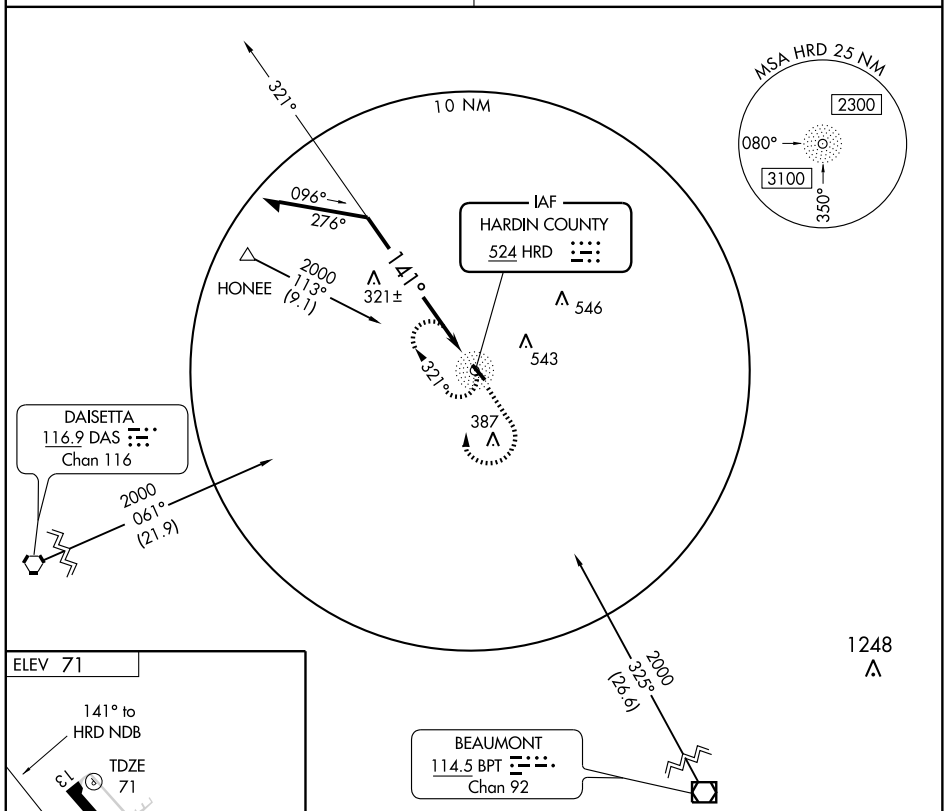
KOUNTZE/SILSBEE/ HAWTHORNE FIELD (45R)

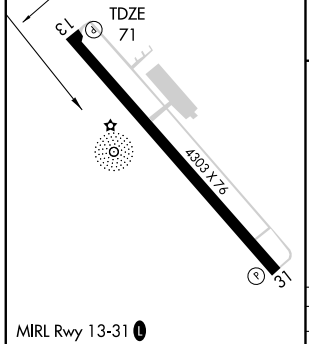
Use Southeast Texas Rgnl altimeter setting; when not received, use Orange altimeter setting. Visibility reduction by helicopters NA.

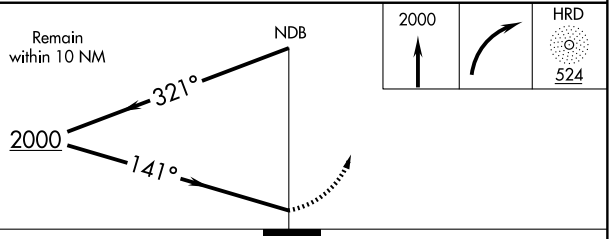
NA

MISSED APPROACH: Climb to 2000 then right turn direct HRD NDB and hold.

HOUSTON APP CON	UNICOM
121.3 377.1	122.8 (CTAF)







Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
S-13	800-1 729 (800-1)		800-2 729 (800-2)	NA
CIRCLING	800-1 729 (800-1)		800-2 729 (800-2)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4303
136°	TDZE	71
	Apt Elev	71

RNAV (GPS) RWY 13

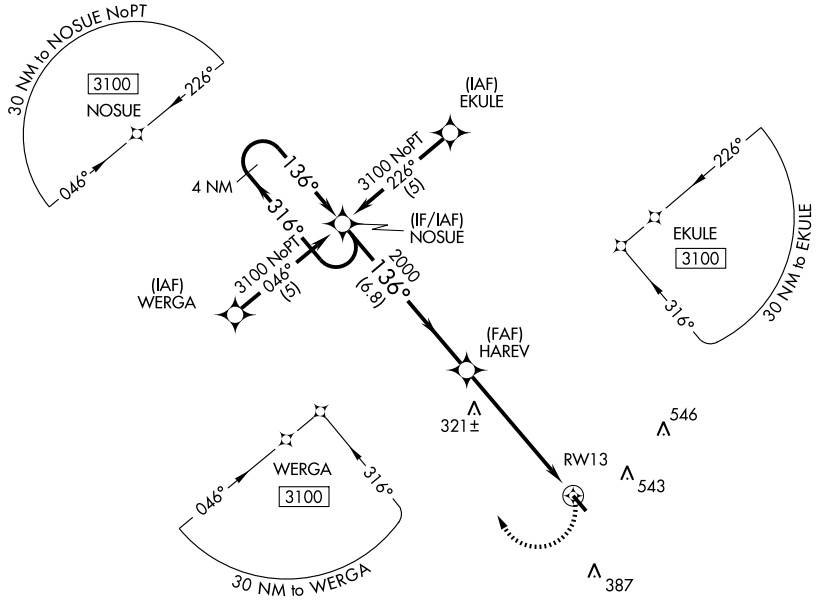
KOUNTZE/SILSBEE/ HAWTHORNE FIELD (45R)

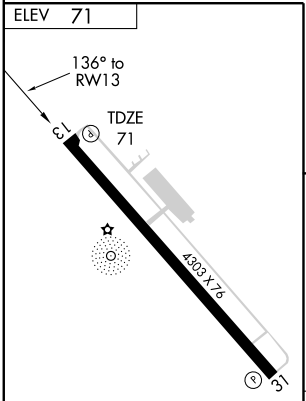
Use Southeast Texas Rgnl altimeter setting; when not received, use Orange altimeter setting. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

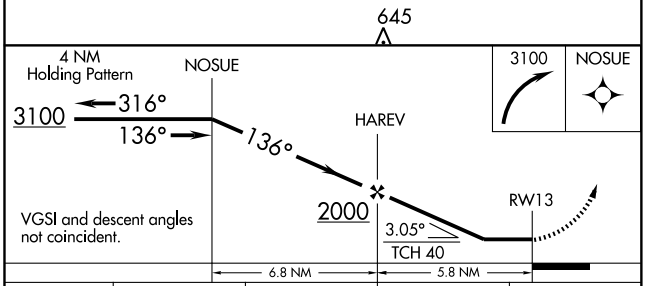
NA

MISSED APPROACH: Climbing right turn to 3100 direct NOSUE and hold.

HOUSTON APP CON	UNICOM
121.3 377.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1 629 (700-1)		700-1¾ 629 (700-1¾)	NA
CIRCLING	700-1 629 (700-1)		700-1¾ 629 (700-1¾)	NA

MIRL Rwy 13-31 L

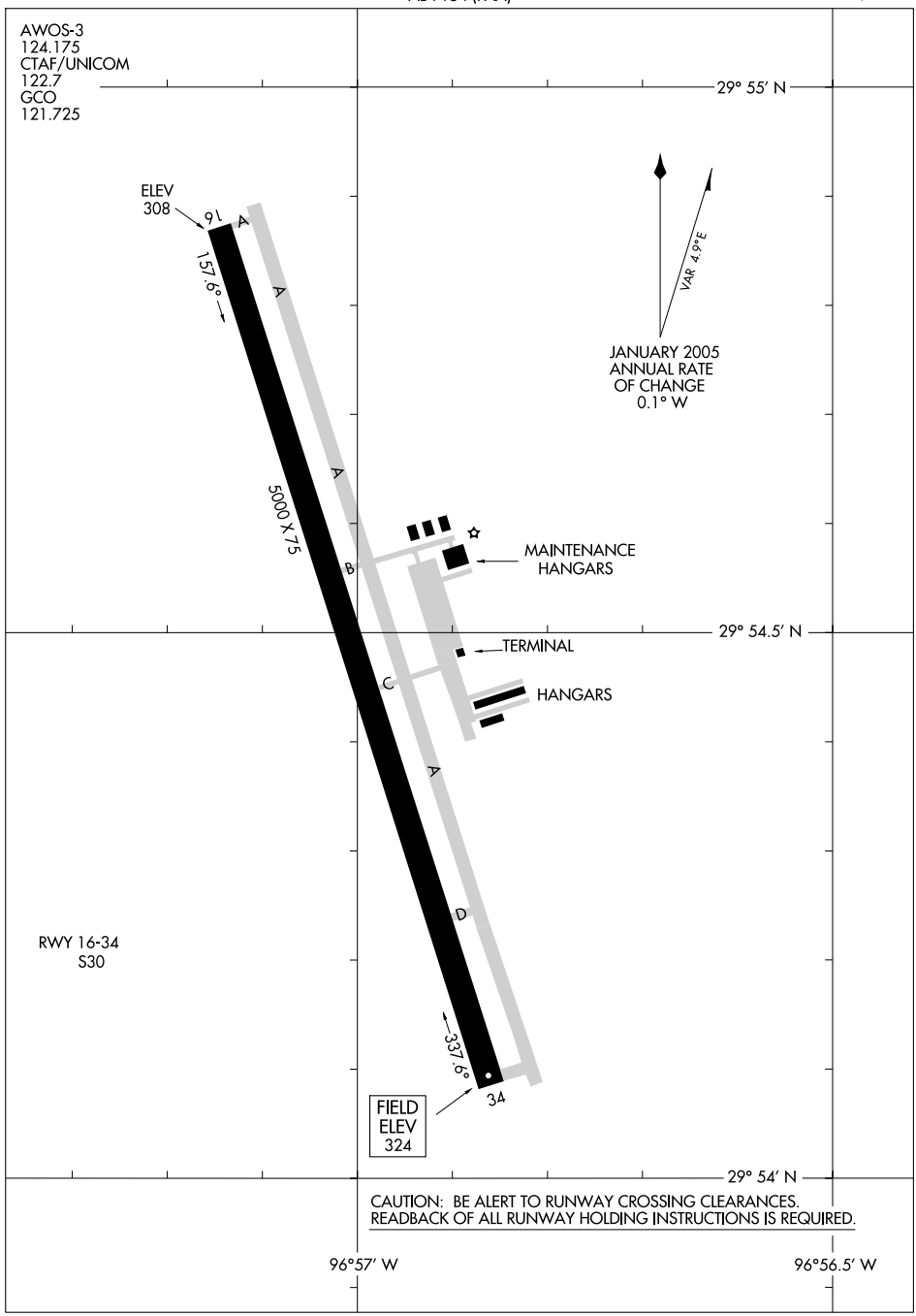
SC-5, 17 DEC 2009 to 14 JAN 2010

09239

AIRPORT DIAGRAM

LA GRANGE/ FAYETTE RGNL AIR CENTER (3T5)
LA GRANGE, TEXAS

AL-9154 (FAA)



SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
156°	TDZE	318
	Apt Elev	324

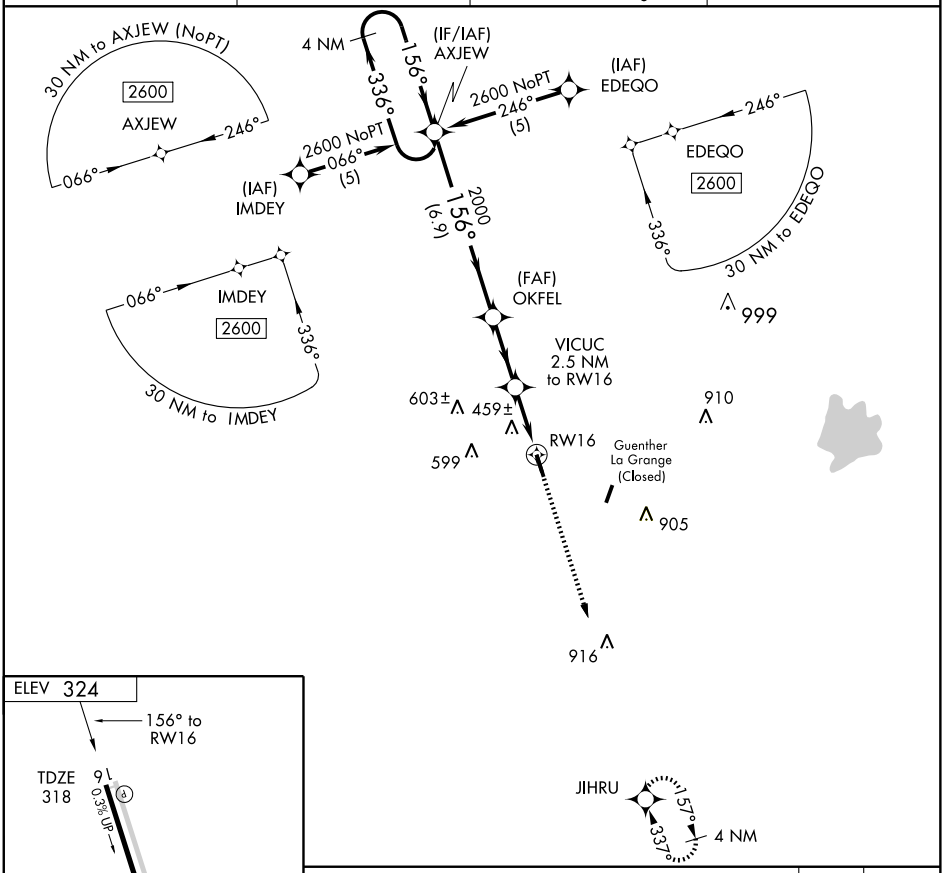
RNAV (GPS) RWY 16

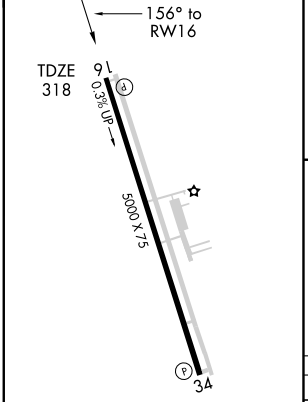
LA GRANGE/FAYETTE RGNL AIR CENTER (3T5)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Giddings-Lee County altimeter settings and increase all MDA 60 feet.

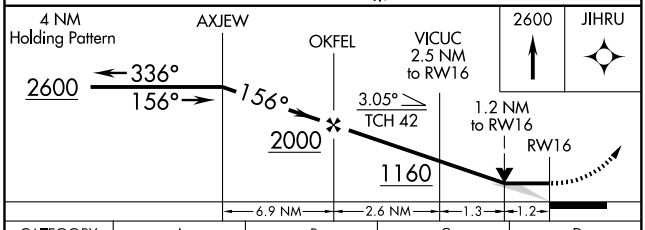
MISSED APPROACH: Climb to 2600 direct JIHRU and hold.

AWOS-3	HOUSTON CENTER	UNICOM	GCO
124.175	132.15 279.6	122.7 (CTAF) L	121.725





REIL Rwy 16 and 34
MIRL Rwy 16-34 L



CATEGORY	A	B	C	D
LNAV MDA	720-1	402 (400-1)	720-1¼ 402 (400-1¼)	NA
CIRCLING	780-1	456 (500-1)	780-1½ 456 (500-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
336°	TDZE	324
	Apt Elev	324

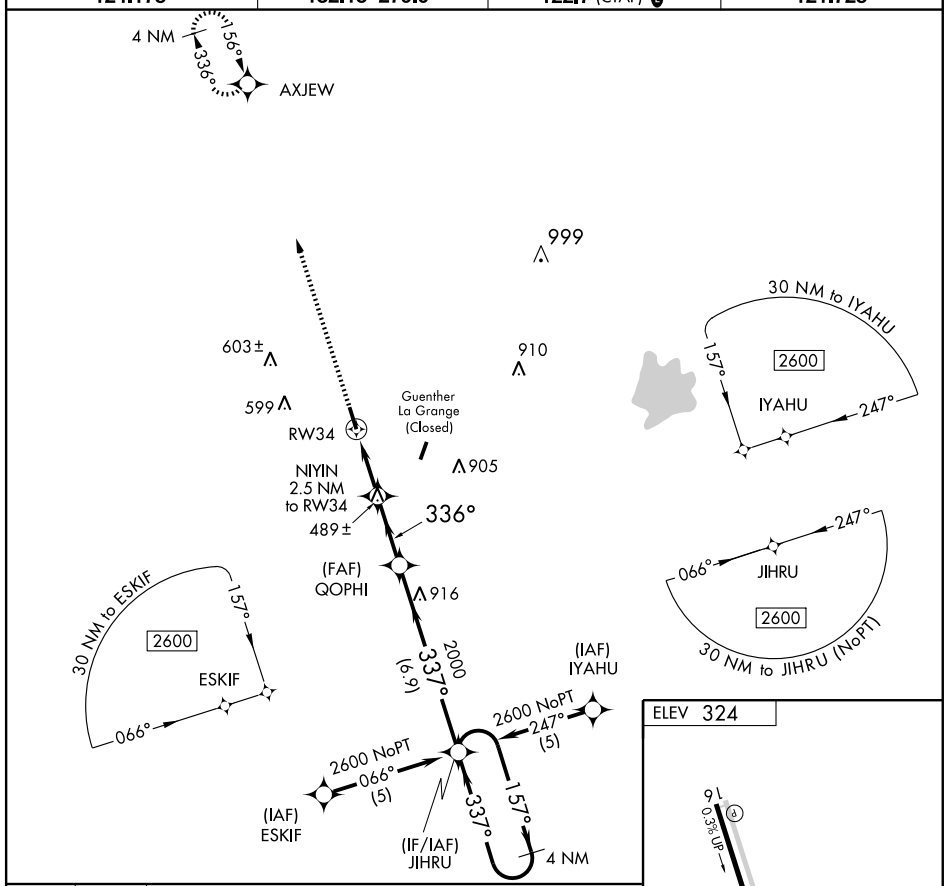
RNAV (GPS) RWY 34

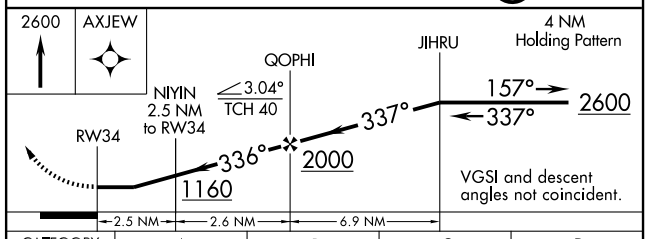
LA GRANGE/ FAYETTE RGNL AIR CENTER (3T5)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Giddings-Lee County altimeter setting and increase all MDA 60 feet.

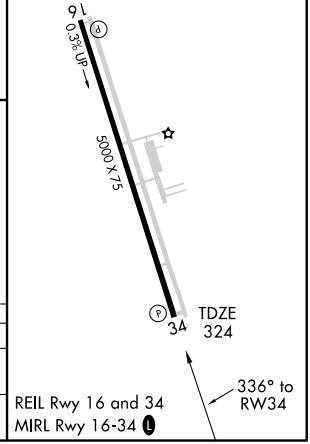
MISSED APPROACH: Climb to 2600 direct AXJEW and hold.

AWOS-3	HOUSTON CENTER	UNICOM	GCO
124.175	132.15 279.6	122.7 (CTAF) L	121.725





CATEGORY	A	B	C	D
LNAV MDA	740-1 416 (500-1)		740-1¼ 416 (500-1¼)	NA
CIRCLING	780-1 456 (500-1)		780-1½ 456 (500-1½)	NA



SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC IDU	APP CRS	Rwy Idg	N/A
110.2	254°	TDZE	N/A
Chan 39		Apt Elev	322

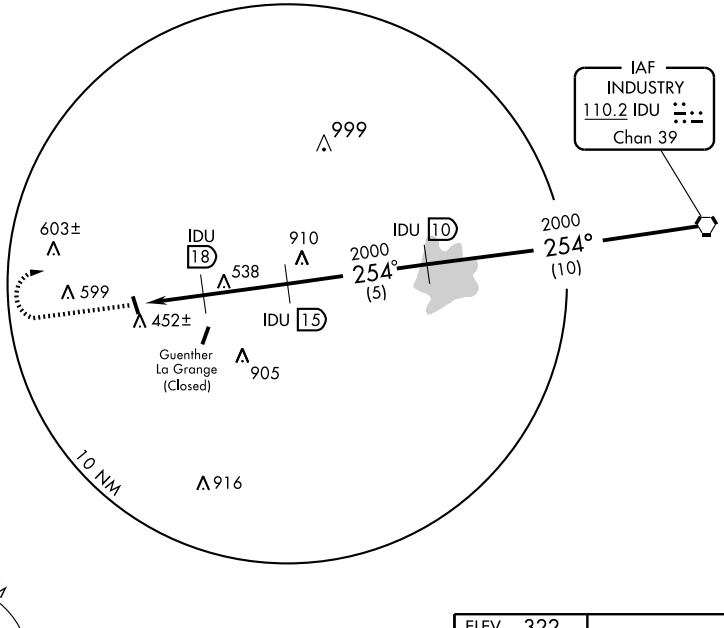
VOR/DME-A

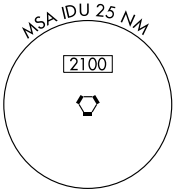
LA GRANGE/ FAYETTE RGNL AIR CENTER (3T5)

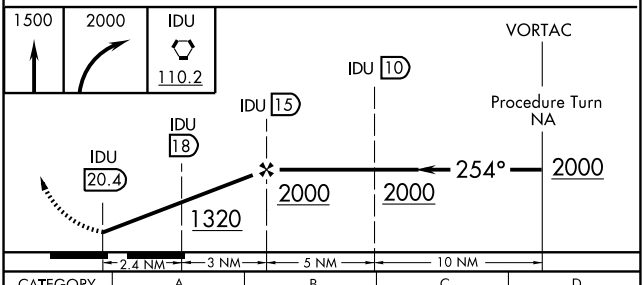
T
NA

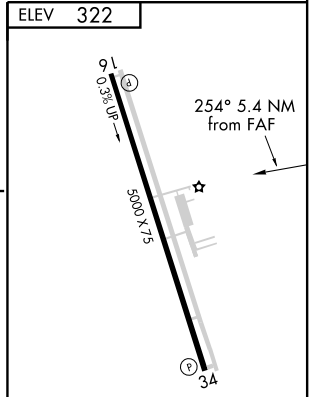
MISSED APPROACH: CLIMB to 1500 then climb right turn to 2000 direct IDU VORTAC.

AWOS-3	HOUSTON CENTER	UNICOM	GCO
124.175	132.15 279.6	122.7 (CTAF) L	121.725









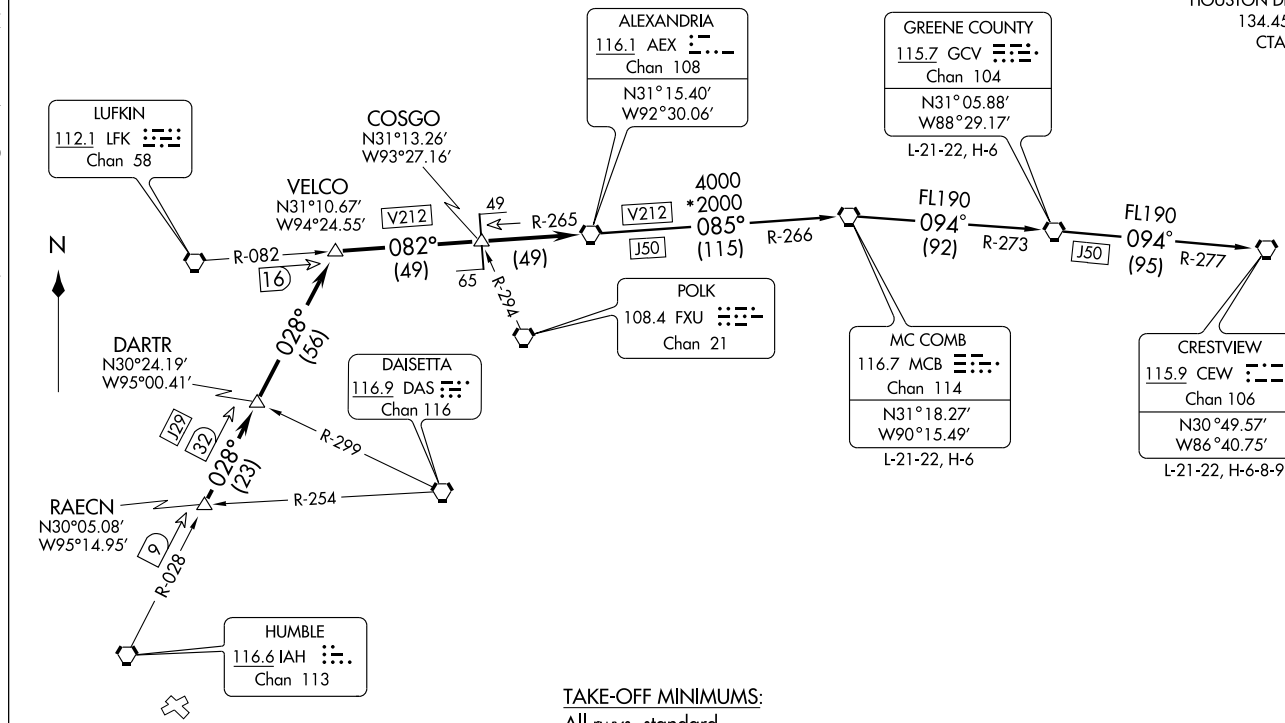
CATEGORY	A	B	C	D
CIRCLING	780-1 458 (500-1)	780-1¼ 458 (500-1¼)	780-1½ 458 (500-1½)	NA

REIL Rwy 16 and 34
MIRL Rwy 16-34 L

SC-5, 17 DEC 2009 to 14 JAN 2010

ALEXANDRIA FOUR DEPARTURE

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF 122.7



TAKE-OFF MINIMUMS:
All rwys, standard.

TAKE-OFF OBSTACLES:
Rwy 5, Stack 2.1 NM from DER, 3297′ left of centerline, 330′ AGL/334′ MSL.
Rwy 12, Pole 131′ from DER, 261′ right of centerline, 14′ AGL/38′ MSL.
Stack 2.2 NM from DER, 1.6 NM right of centerline, 479′ AGL/499′ MSL.

NOTE: Radar Required.
NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000', expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 to VELCO INT, then right turn via LFK R-082 and AEX R-265 to AEX VORTAC.

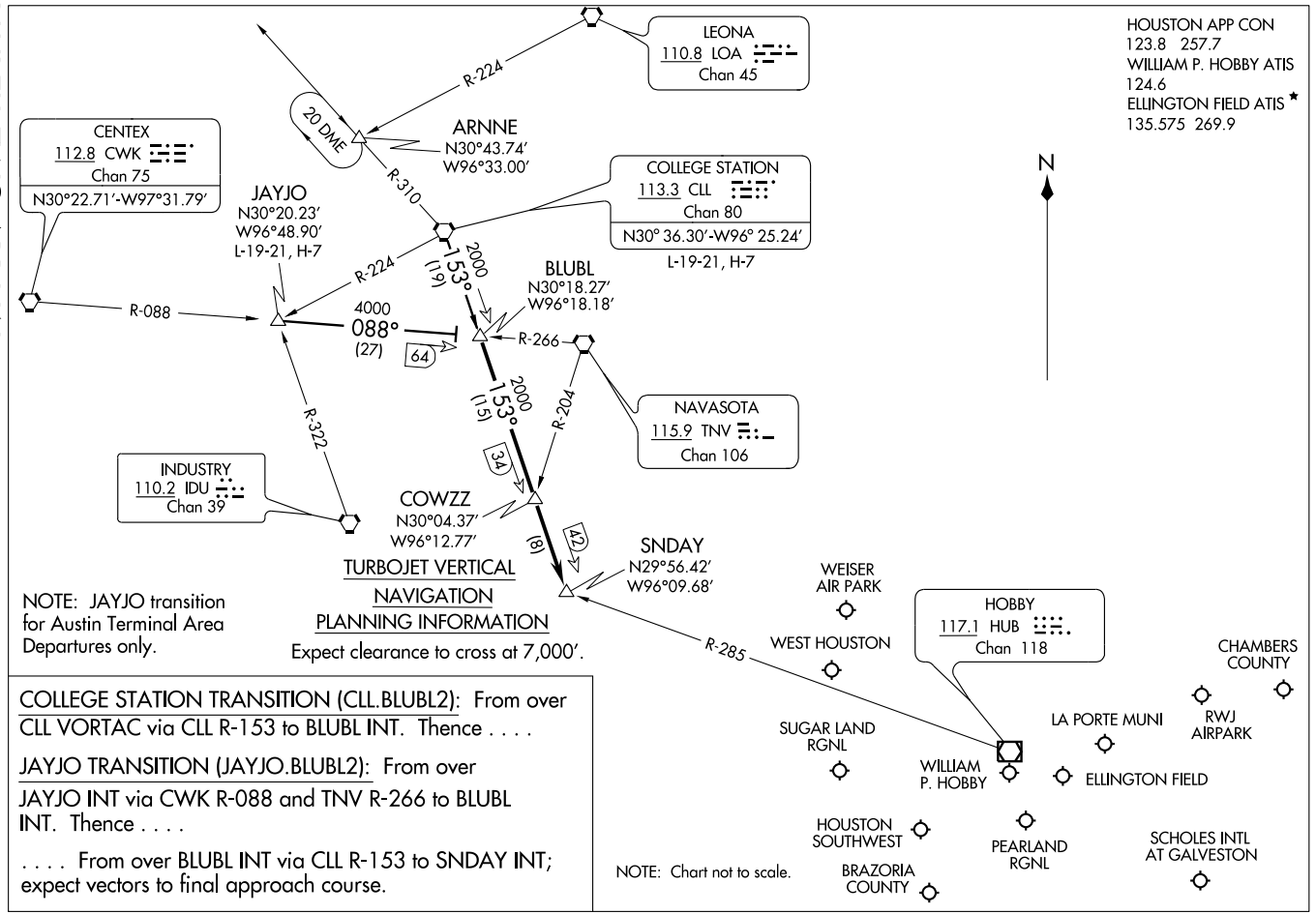
THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY DO NOT FILE:

CRESTVIEW TRANSITION (AEX4.CEW): (For aircraft being weather rerouted to join a jet route off CEW VORTAC or overflying CEW VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC, then via GCV R-094 and CEW R-277 to CEW VORTAC.

GREENE COUNTY TRANSITION (AEX4.GCV): (For aircraft being weather rerouted to join a jet route off GCV VORTAC or overflying GCV VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC, then via MCB R-094 and GCV R-273 to GCV VORTAC.

MC COMB TRANSITION (AEX4.MCB): (For aircraft being weather rerouted to join a jet route off MCB VORTAC or overflying MCB VORTAC to join a direct route). From over AEX VORTAC via AEX R-085 and MCB R-266 to MCB VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010



COLLEGE STATION TRANSITION (CLL.BLUBL2): From over CLL VORTAC via CLL R-153 to BLUBL INT. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL2): From over JAYJO INT via CWK R-088 and TNV R-266 to BLUBL INT. Thence . . . .

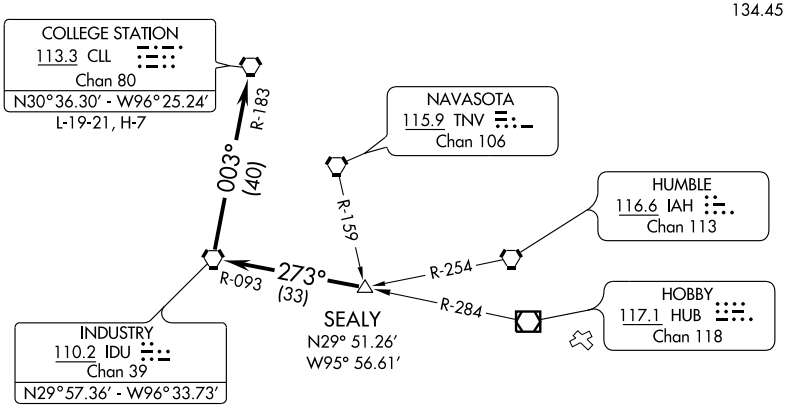
. . . . From over BLUBL INT via CLL R-153 to SNDAY INT; expect vectors to final approach course.

COLLEGE TWO DEPARTURE

SL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7



TAKE-OFF OBSTACLES:
Rwy 5, Stack 2.1 NM from DER, 3297' left of centerline, 330' AGL/334' MSL.
Rwy 12, Pole 131' from DER, 261' right of centerline, 14' AGL/38' MSL. Stack 2.2 NM from DER, 1.6 NM right of centerline, 479' AGL/499' MSL.

TAKE-OFF MINIMUMS:
Rwys 5,12, 23, 30 standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

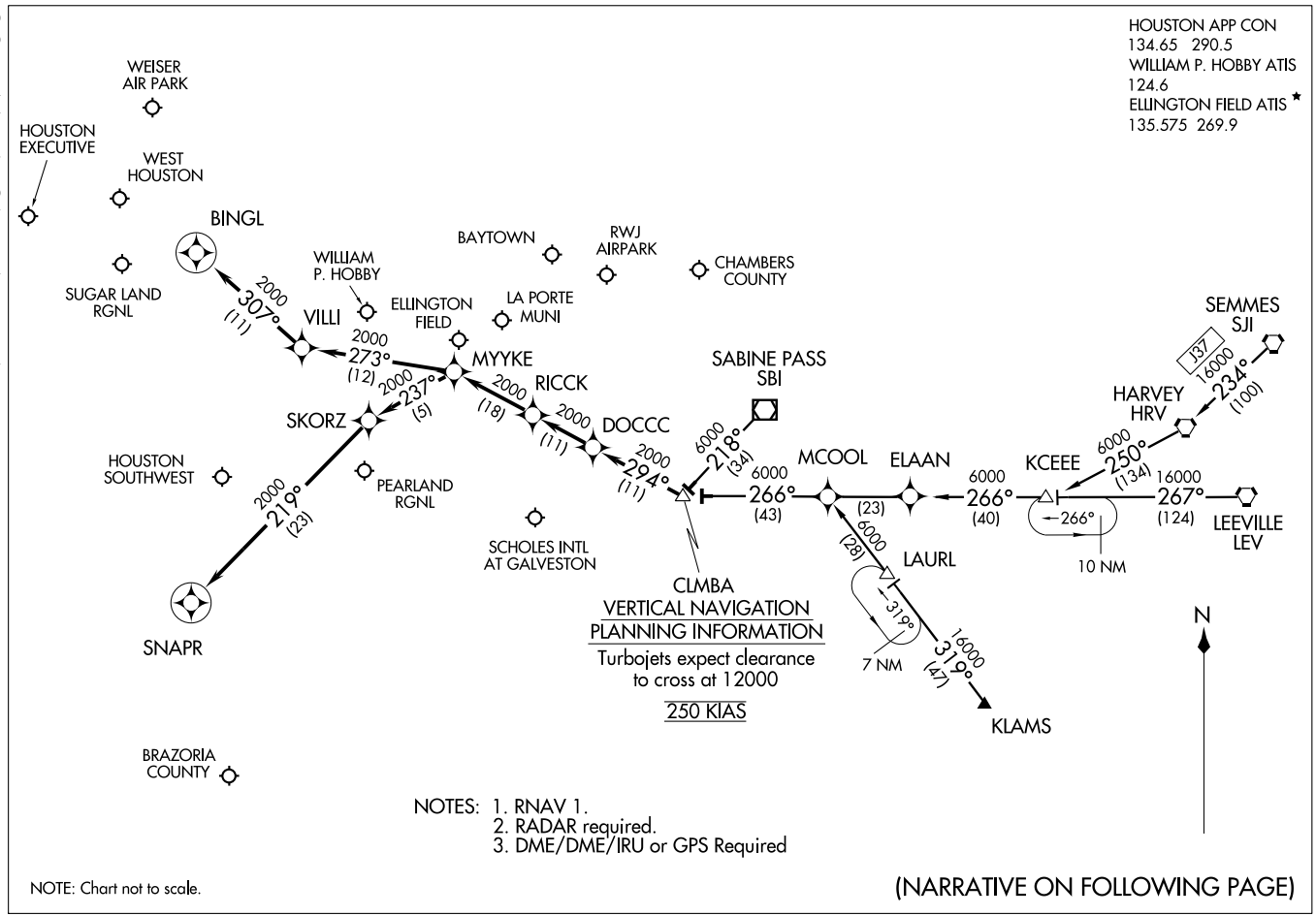
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IDU R-093 to IDU VORTAC, then right turn via IDU R-003 and CLL R-183 to CLL VORTAC.

COLUMBIA ONE ARRIVAL (RNAV)

HOUSTON, TEXAS



NOTES: 1. RNAV 1.
2. RADAR required.
3. DME/DME/IRU or GPS Required

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ARRIVAL DESCRIPTION

HARVEY TRANSITION (HRV.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)
KCEEE TRANSITION (KCEEE.CLMBA1): (For non-GPS equipped aircraft LLA, LCH, and DAS must be operational.)
KLAMS TRANSITION (KLAMS.CLMBA1): (For non-GPS equipped aircraft DAS, LCH, MHF, and VUH must be operational.)
LEEVILLE TRANSITION (LEV.CLMBA1): (For non-GPS equipped aircraft LCH, LLA, and DAS must be operational.)
SABINE PASS TRANSITION (SBI.CLMBA1):
SEMMES TRANSITION (SJI.CLMBA1): (For non-GPS equipped aircraft LEV, HRV, RQR, LLA, LCH, and DAS must be operational.)

From CLMBA WP via 294° track to DOCCC, thence as depicted to RICCK . . . .

WILLIAM P. HOBBY/HOUSTON (HOU):

LANDING RUNWAY 4: . . . . From RICCK via 294° track to MYYKE, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

LANDING RUNWAY 12R: . . . . From RICCK via 294° track to MYYKE, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

FOR ALL OTHER RUNWAYS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

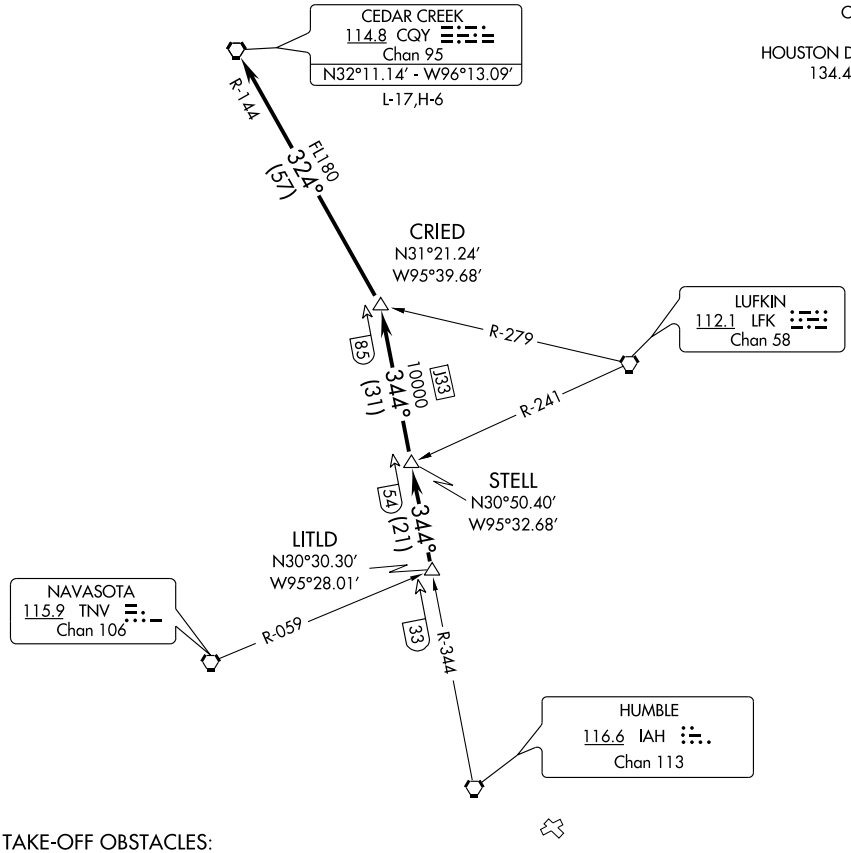
FOR ALL OTHER AIRPORTS: From RICCK via 294° track to MYYKE. Expect vectors to final approach course prior to MYYKE.

SC-5, 17 DEC 2009 to 14 JAN 2010

CRIED THREE DEPARTURE

SL-5433 (FAA)

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7



TAKE-OFF OBSTACLES:

Rwy 5, Stack 2.1 NM from DER, 3297' left of centerline, 330' AGL/334' MSL.

Rwy 12, Pole 131' from DER, 261' right of centerline, 14' AGL/38' MSL. Stack, 2.2 NM from DER, 1.6 NM right of centerline, 479' AGL/499' MSL.

TAKE-OFF MINIMUMS:

All rwys, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LITLD INT, maintain 4000. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-344 to STELL INT, then via IAH R-344 to CRIED INT, then left turn via CQY R-144 to CQY VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

HOUSTON APP CON
120.05 379.1
GEORGE BUSH INTERCONTINENTAL/
HOUSTON ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS *
135.575 269.9

NOTE: For all conventional navigation aircraft landing in the Houston terminal area. For all turboprops/pistons landing IAH. ATC assigned only for all others.

NOTE: For RNAV equipped aircraft landing IAH runways 8L/R and 9 from over DAETN INT direct JOESZ INT, expect vectors to final approach course prior to JOESZ INT, if not received by JOESZ INT fly present heading.

ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93°35.71'
L-17, H-6

QUESO
N30°46.86'
W94°06.54'

BROWW
N30°54.22'
W93°52.20'

SAWMILL
113.75 SWB
Chan 84(Y)
N31°58.39' - W92°40.63'
L-22, H-6

LUFKIN
112.1 LFK
Chan 58
N31°09.74'
W94°43.02'
L-19-21, H-6

VIERA
N30°44.51'
W94°02.83'

TQELA
N30°32.39'
W93°46.23'

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40' -W92°30.06'
L-21-22, H-6

INDUSTRY
110.2 IDU
Chan 39

JOESZ
N30°06.40'
W95°46.72'

INNIS
N30°02.07'
W95°06.83'

REHAB
N29°59.59'
W95°14.25'

COMBS
N30°23.32'
W94°25.84'

DAETN
N30°06.31'
W94°54.07'

YAAOW
N29°53.12'
W95°10.69'

DRXLR
N29°45.59'
W95°13.92'

GEORGE BUSH
INTERCONTINENTAL/
HOUSTON

HUMBLE
116.6 IAH
Chan 113

HOBBY
117.1 HUB
Chan 118

DAISETTA
116.9 DAS
Chan 116
N30°11.38' -W94°38.70'

LAKE CHARLES
113.4 LCH
Chan 81
N30°08.49' -W93°06.33'
L-21-22, H-7

BEAUMONT
114.5 BPT
Chan 92
N29°56.76' -W94°00.97'

VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets: 280K IAS
Expect clearance
to cross at 13,000'

RADAR REQUIRED

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

WEISER AIRPARK
WEST HOUSTON
HOUSTON EXECUTIVE
SUGAR LAND RGNL
LA PORTE MUNI
CHAMBERS COUNTY
WILLIAM P. HOBBY
BAYTOWN
RWJ AIRPARK
PEARLAND RGNL
ELLINGTON FIELD
HOUSTON-SOUTHWEST
BRAZORIA COUNTY
SCHOLES INTL AT GALVESTON

DAISETTA EIGHT ARRIVAL (DAS.DAS8)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DAS8): From over AEX VORTAC via AEX R-246 to VIERA INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

ELM GROVE TRANSITION (EMG.DAS8): From over EMG VORTAC via EMG R-182 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LAKE CHARLES TRANSITION (LCH.DAS8): From over LCH VORTAC via LCH R-275 to COMBS INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

LUFKIN TRANSITION (LFK.DAS8): From over LFK VORTAC via LFK R-157 to COMBS INT, then via DAS R-038 to DAS VORTAC Thence . . . .

SAWMILL TRANSITION (SWB.DAS8): From over SWB VOR/DME via SWB R-222 and DAS R-038 to BROWW INT, then via DAS R-038 to DAS VORTAC. Thence . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

. . . . From over DAS VORTAC via DAS R-244 to DAETN INT.

LANDING RUNWAYS 8L/R and 9:

. . . . From DAETN INT fly heading 265° for vectors to final approach course.

FOR ALL OTHER RUNWAYS: Expect vectors to final approach course at or prior to REHAB INT.

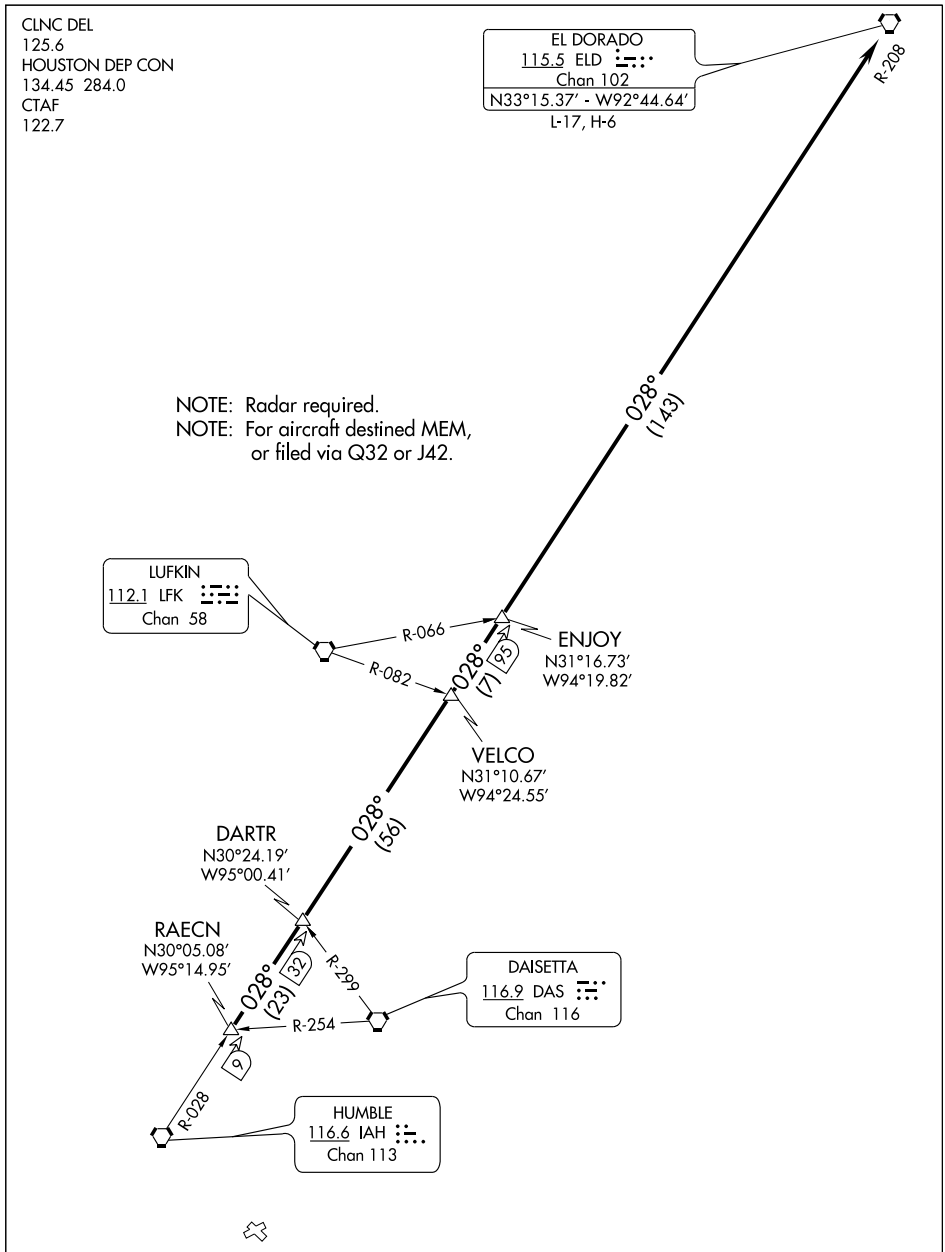
FOR ALL OTHER AIRPORTS:

. . . . From over DAS VORTAC via DAS R-244 to INNIS INT, thence via HUB R-015 to HUB VOR/DME, expect vectors to final approach course at or prior to HUB VOR/DME.

SC-5, 17 DEC 2009 to 14 JAN 2010

EL DORADO ONE DEPARTURE

SL-5433 (FAA)



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
All rwys, standard.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to RAECN INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-028 and the ELD R-208 to ELD VORTAC.

TAKE-OFF OBSTACLES

Rwy 5, Stack 2.1 NM from DER, 3297′ left of centerline, 330′ AGL/334′ MSL.
Rwy 12, Pole 131′ from DER, 261′ right of centerline, 14′ AGL/38′ MSL. Stack 2.2 NM from DER, 1.6 NM right of centerline, 479′ AGL/499′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

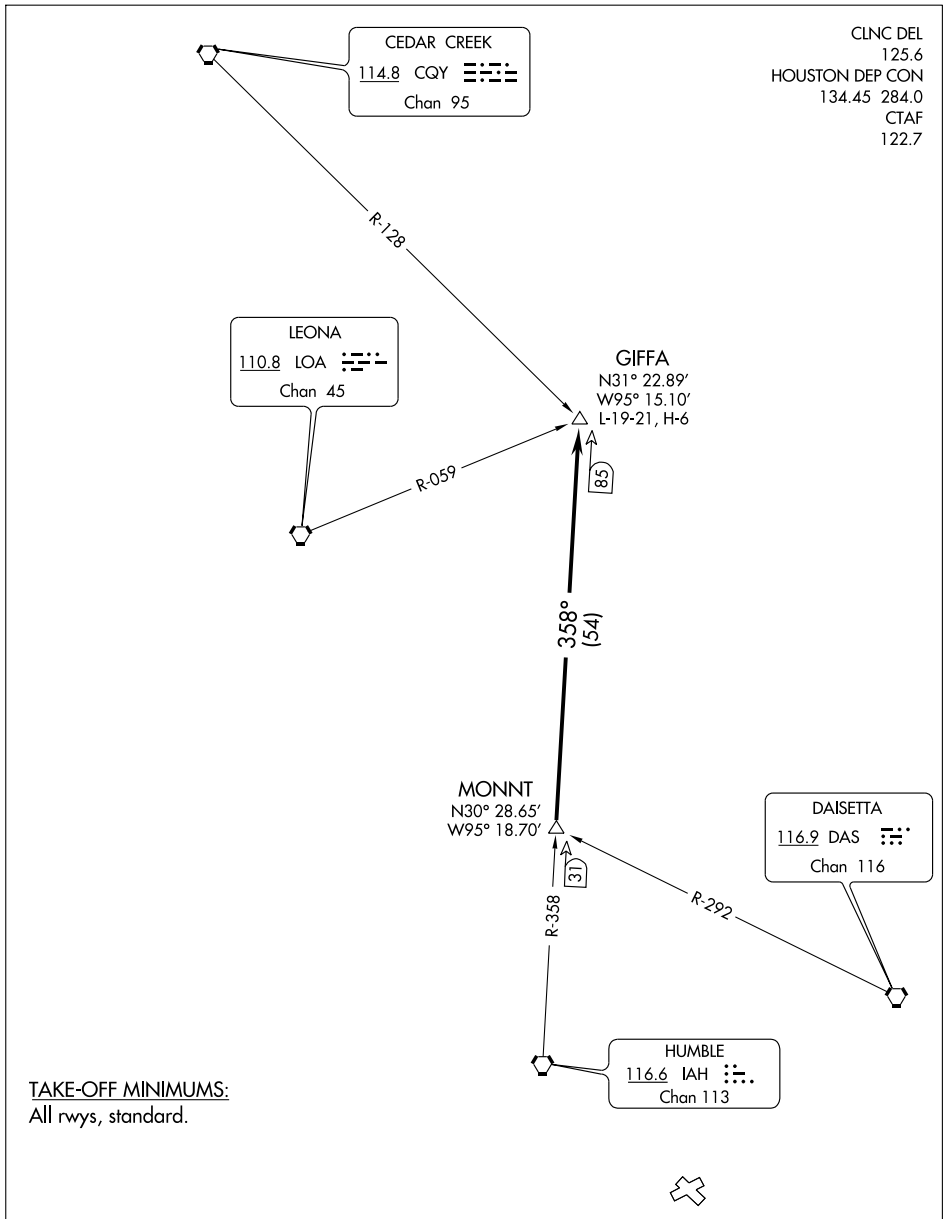
(GIFFA3.GIFFA) 09071

GIFFA THREE DEPARTURE

SL-5433 (FAA)

LA PORTE MUNI (T41)

LA PORTE, TEXAS



TAKE-OFF MINIMUMS:
All rwys, standard.

NOTE: Radar Required.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

SC-5, 17 DEC 2009 to 14 JAN 2010

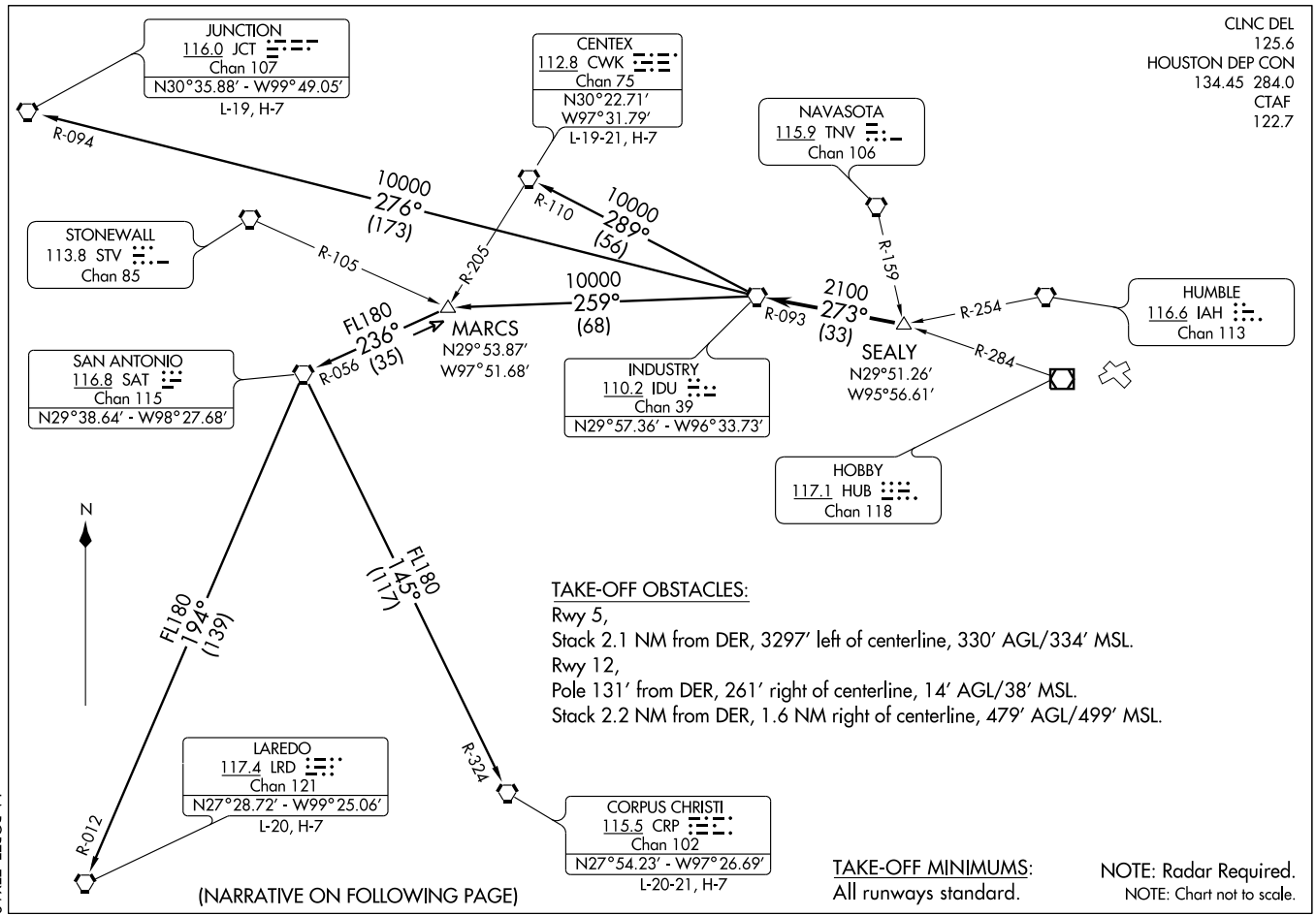
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to MONNT INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-358 to GIFFA INT.

TAKE-OFF OBSTACLES:
Rwy 5, Stack 2.1 NM from DER, 3297′ left of centerline, 330′ AGL/334′ MSL.
Rwy 12, Pole 131′ from DER, 261′ right of centerline, 14′ AGL/38′ MSL.
Stack 2.2 NM from DER, 1.6 NM right of centerline, 479′ AGL/499′ MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010



(IDU3.IDU) 08157

INDUSTRY THREE DEPARTURE

SI-5433 (FAA)

LA PORTE MUNI (T41)

LA PORTE, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to SEALY INT. Maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . VIA IDU R-093 to IDU VORTAC.

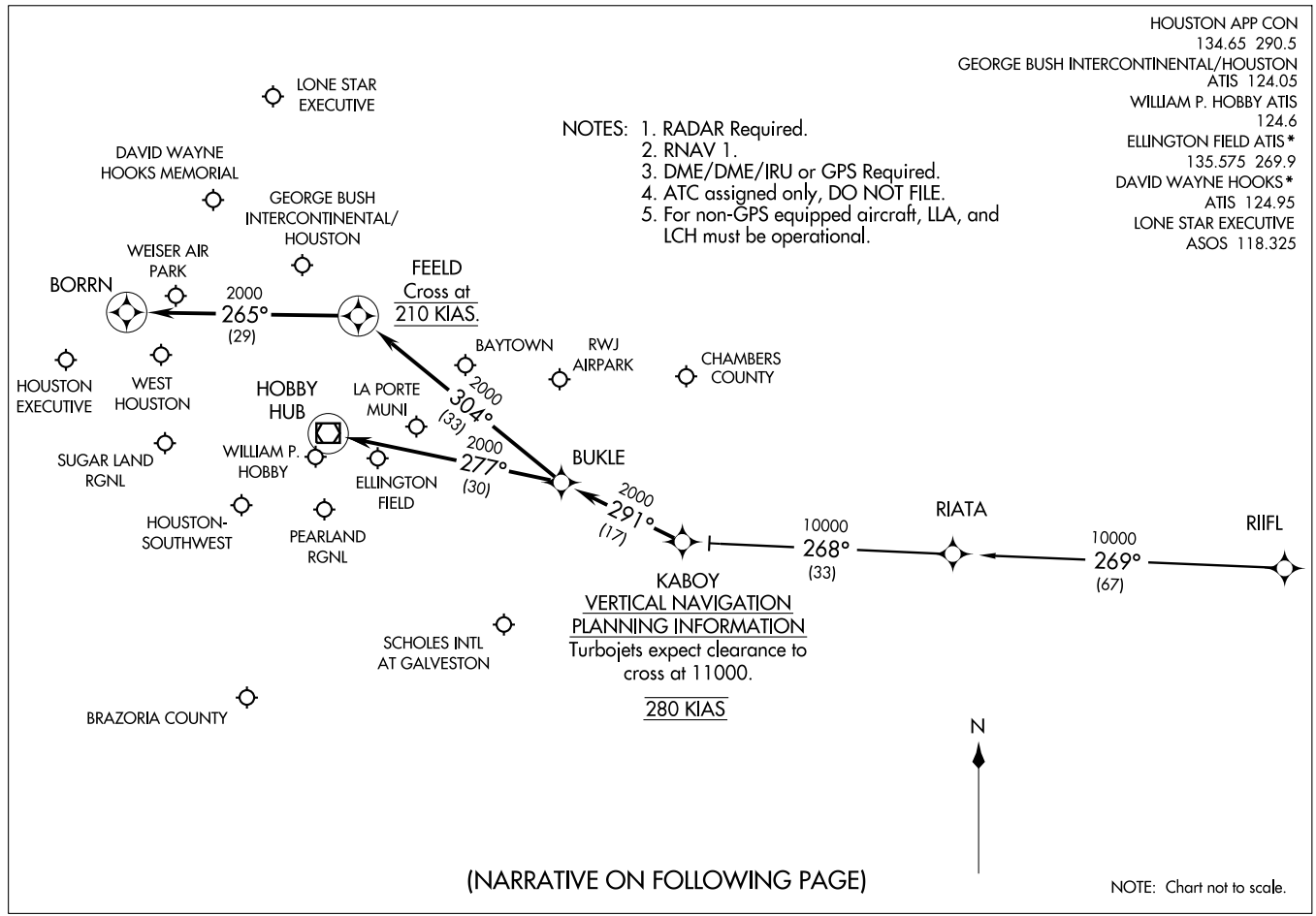
CENTEX TRANSITION (IDU3.CWK): (ATC assigned only. For aircraft inbound to the DFW Metroplex area that are being rerouted due to bad weather.) From over IDU VORTAC via IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU3.CRP): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU3.JCT): (For aircraft overflying JCT VORTAC via J2, J15, or J86.) From over IDU VORTAC via IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU3.LRD): (ATC assigned only.) From over IDU VORTAC via IDU R-259 to MARCS INT, then via SAT R-056 to SAT VORTAC, then via SAT R-194 and LRD R-012 to LRD VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010


HOUSTON APP CON
134.65 290.5
GEORGE BUSH INTERCONTINENTAL/HOUSTON
ATIS 124.05
WILLIAM P. HOBBY ATIS
124.6
ELLINGTON FIELD ATIS*
135.575 269.9
DAVID WAYNE HOOKS*
ATIS 124.95
LONE STAR EXECUTIVE
ASOS 118.325
(KABOY.KABOY1) 09071
KABOY ONE ARRIVAL (RNAV)
ST-5461(FAA)
HOUSTON, TEXAS
NOTES: 1. RADAR Required.
2. RNAV 1.
3. DME/DME/IRU or GPS Required.
4. ATC assigned only, DO NOT FILE.
5. For non-GPS equipped aircraft, LLA, and LCH must be operational.
LONE STAR EXECUTIVE
DAVID WAYNE HOOKS MEMORIAL
GEORGE BUSH INTERCONTINENTAL/ HOUSTON
WEISER AIR PARK
BORRN
2000
265°
(29)
FEELD
Cross at
210 KIAS.
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
HOUSTON EXECUTIVE
WEST HOUSTON
HOBBY HUB
LA PORTE MUNI
2000
304°
(33)
SUGAR LAND RGNL
WILLIAM P. HOBBY
2000
277°
(30)
ELLINGTON FIELD
BUKLE
2000
291°
(17)
HOUSTON-SOUTHWEST
PEARLAND RGNL
10000
268°
(33)
RIATA
10000
269°
(67)
RIIFL
KABOY
VERTICAL NAVIGATION
PLANNING INFORMATION
Turbojets expect clearance to cross at 11000.
280 KIAS
SCHOLES INTL AT GALVESTON
BRAZORIA COUNTY
N
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.

ARRIVAL DESCRIPTION

RIIFL TRANSITION (RIIFL.KABOY1)

From KABOY via 291° track to BUKLE . . . .

GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):

LANDING RUNWAYS 8L/8R, OR 9: . . . . From BUKLE via 304° track to FEELD, thence as depicted to BORRN. Expect vectors to final approach course prior to BORRN, if not received by BORRN, fly present heading.

ALL OTHER RUNWAYS: . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO): . . . . From BUKLE via 304° track to FEELD. Expect vectors to final approach course prior to FEELD.

ALL OTHER AIRPORTS: . . . . From BUKLE via 277° track to HUB VOR/DME. Expect vectors to final approach course prior to HUB VOR/DME.

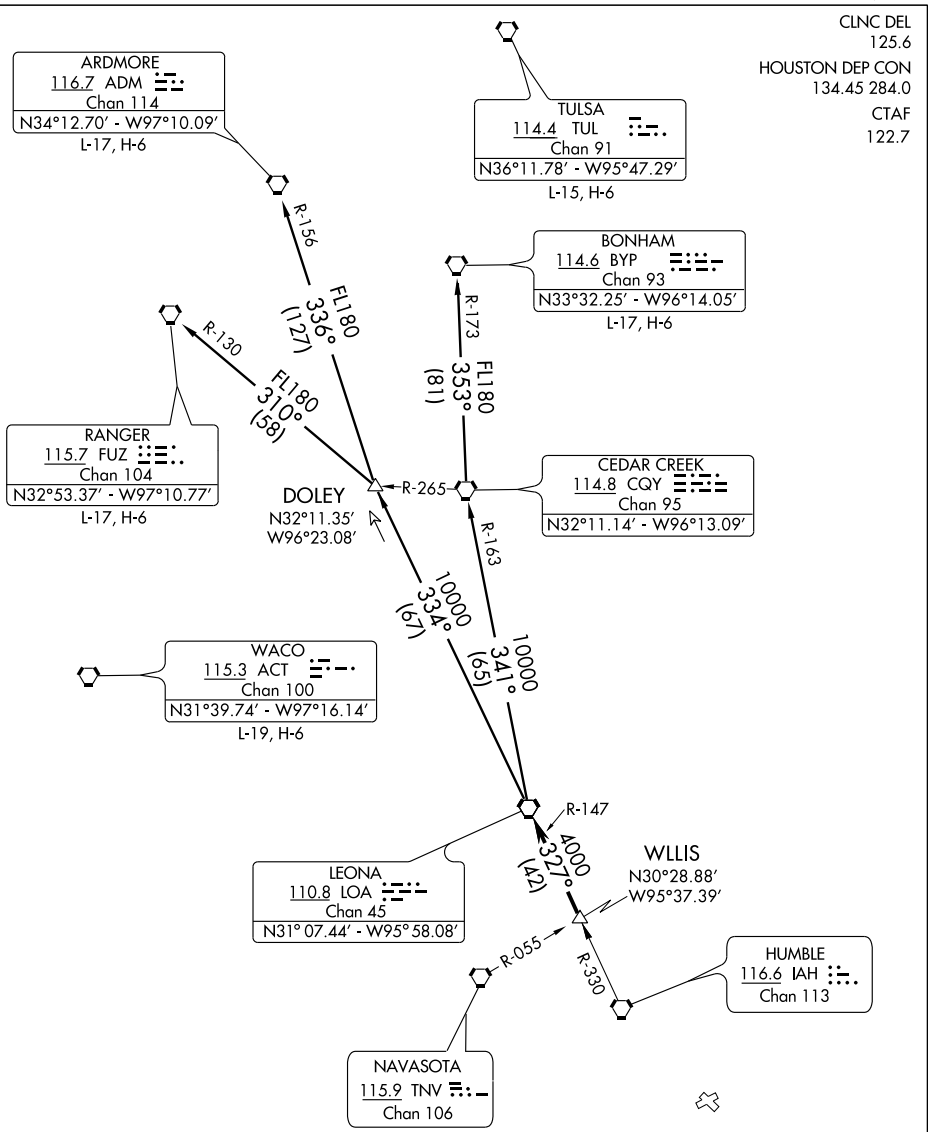
SC-5, 17 DEC 2009 to 14 JAN 2010

LEONA SIX DEPARTURE

SL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7



TAKE-OFF MINIMUMS:
Rwy 5, 12, 23, 30 standard.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar required.

SC-5, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to WLLIS INT, maintain 4000, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via LOA R-147 to LOA VORTAC.

ARDMORE TRANSITION (LOA6.ADM): (For aircraft overflying North/Northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via ADM R-156 to ADM VORTAC.

BONHAM TRANSITION (LOA6.BYP): (For aircraft overflying/landing TUL VORTAC FL240 and above.) From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-353 and BYP R-173 to BYP VORTAC.

RANGER TRANSITION (LOA6.FUZ): (For aircraft overflying west/northwest of the DFW terminal area FL240 and above.) From over LOA VORTAC via LOA R-334 to DOLEY INT, then via FUZ R-130 to FUZ VORTAC.

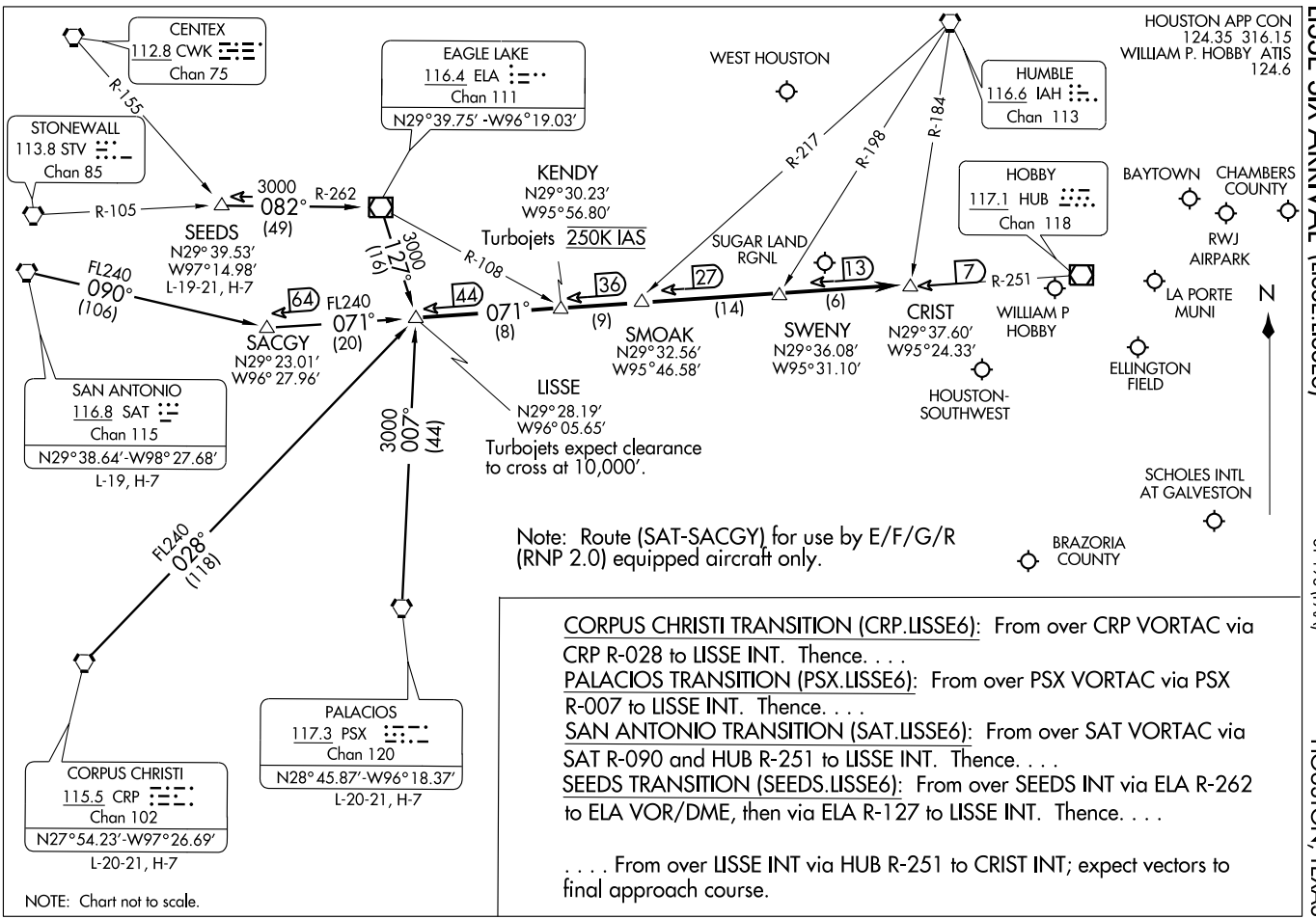
TAKE-OFF OBSTACLES

Rwy 5, Stack 2.1 NM from DER, 3297' left of centerline, 330' AGL/334' MSL.
Rwy 12, Pole 131' from DER, 261' right of centerline, 14' AGL/38' MSL. Stack 2.2 NM from DER, 1.6 NM right of centerline, 479' AGL/499' MSL.

SC-5, 17 DEC 2009 to 14 JAN 2010

LISSE SIX ARRIVAL (LISSE.LISSE6)

HOUSTON, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LISSE6): From over CRP VORTAC via CRP R-028 to LISSE INT. Thence. . . .

PALACIOS TRANSITION (PSX.LISSE6): From over PSX VORTAC via PSX R-007 to LISSE INT. Thence. . . .

SAN ANTONIO TRANSITION (SAT.LISSE6): From over SAT VORTAC via SAT R-090 and HUB R-251 to LISSE INT. Thence. . . .

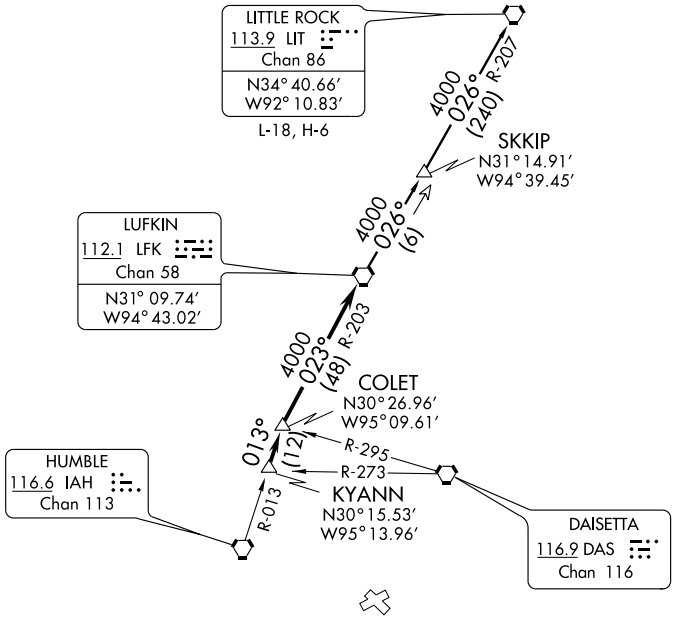
SEEDS TRANSITION (SEEDS.LISSE6): From over SEEDS INT via ELA R-262 to ELA VOR/DME, then via ELA R-127 to LISSE INT. Thence. . . .

. . . . From over LISSE INT via HUB R-251 to CRIST INT; expect vectors to final approach course.

LUFKIN FIVE DEPARTURE

SL-5433 (FAA)

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7



TAKE-OFF MINIMUMS:
All rwys, standard.

NOTE: Chart not to scale.

NOTE: Radar Required.
NOTE: For aircraft destined LIT, or overflying LIT or PXV.

TAKE-OFF OBSTACLES:
Rwy 5, Stack 2.1 NM from DER, 3297′ left of centerline, 330′ AGL/334′ MSL.
Rwy 12, Pole 131′ from DER, 261′ right of centerline, 14′ AGL/38′ MSL. Stack 2.2 NM from DER, 1.6 NM right of centerline, 479′ AGL/499′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to KYANN INT, maintain 4000′, expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via IAH R-013 to COLET INT, then right turn via LFK R-203 to LFK VORTAC.

LITTLE ROCK TRANSITION (LFK5.LIT): From over LFK VORTAC via LFK R-026 to SKKIP INT, then via LIT R-207 to LIT VORTAC.

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB JPA 347	APP CRS 289°	Rwy Idg 3763 TDZE 24 Apt Elev 25

NDB RWY 30
LA PORTE MUNI (T41)

Use Ellington Field altimeter setting.

NA

MISSED APPROACH: Climbing right turn to 1600 via HUB R-070 to FRYED Int and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
134.45 284.0	125.6	122.7 (CTAF)

116.9 DAS Chan 116

070° 250°

R-194

FRYED HUB 25.1

R-070

631 629 589 356 242± 440 334 242± 160 225 255 232 218 128± 246 499 513

1600 081° (10.8)

IAF SANJAC 347 JPA

289° 064° 244°

109°

HOBBY 117.1 HUB Chan 118

10 NM

1800 (26.1) 330°

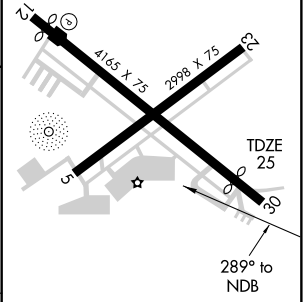
MSA JPA 25 NM

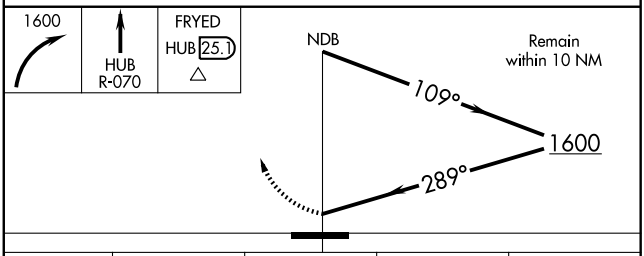
135° 1700 3100 315°

1200

SCHOLES 113.0 VUH Chan 77

ELEV 25



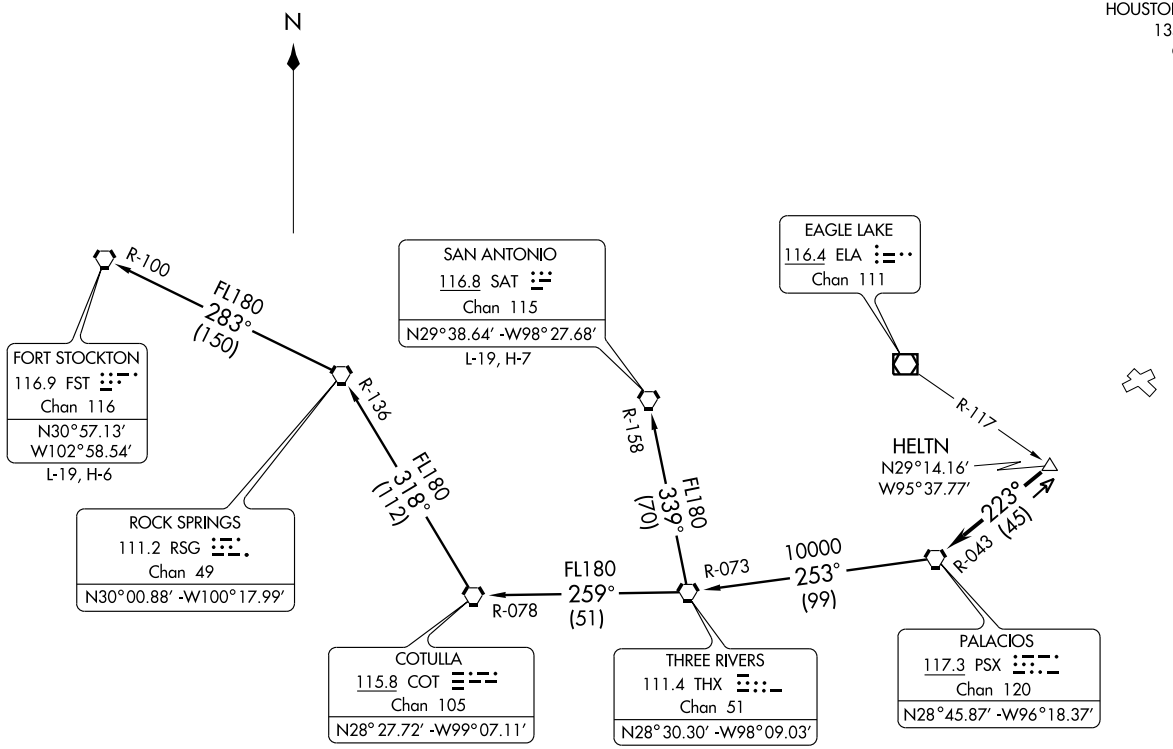


CATEGORY	A	B	C	D
S-30	740-1	715 (800-1)	740-2 715 (800-2)	NA
CIRCLING	740-1	715 (800-1)	740-2 715 (800-2)	NA

REIL Rwy 12
MIRL Rwys 5-23 and 12-30

SC-5, 17 DEC 2009 to 14 JAN 2010

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF 122.7



TAKE-OFF MINIMUMS:
All runways standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Radar Required
NOTE: Chart not to scale

PALACIOS THREE DEPARTURE

SL-5433 (FAA)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to HELTN INT, maintain 4000'. Expect filed altitude 10 minutes after departure. Thence . . . .

. . . . via PSX R-043 to PSX VORTAC.

FORT STOCKTON TRANSITION (PSX3.FST): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-259 and COT R-078 to COT VORTAC, then via COT R-318 and RSG R-136 to RSG VORTAC, then via RSG R-283 and FST R-100 to FST VORTAC.

SAN ANTONIO TRANSITION (PSX3.SAT): From over PSX VORTAC via PSX R-253 and THX R-073 to THX VORTAC, then via THX R-339 and SAT R-158 to SAT VORTAC.

TAKE-OFF OBSTACLES:

Rwy 5, Stack 2.1 NM from DER, 3297' left of centerline, 330' AGL/334' MSL.
Rwy 12, Pole 131' from DER, 261' right of centerline, 14' AGL/38' MSL.
Stack 2.2 NM from DER, 1.6 NM right of centerline, 479' AGL/499' MSL.

APP CRS	Rwy Idg	3763
301°	TDZE	25
	Apt Elev	25

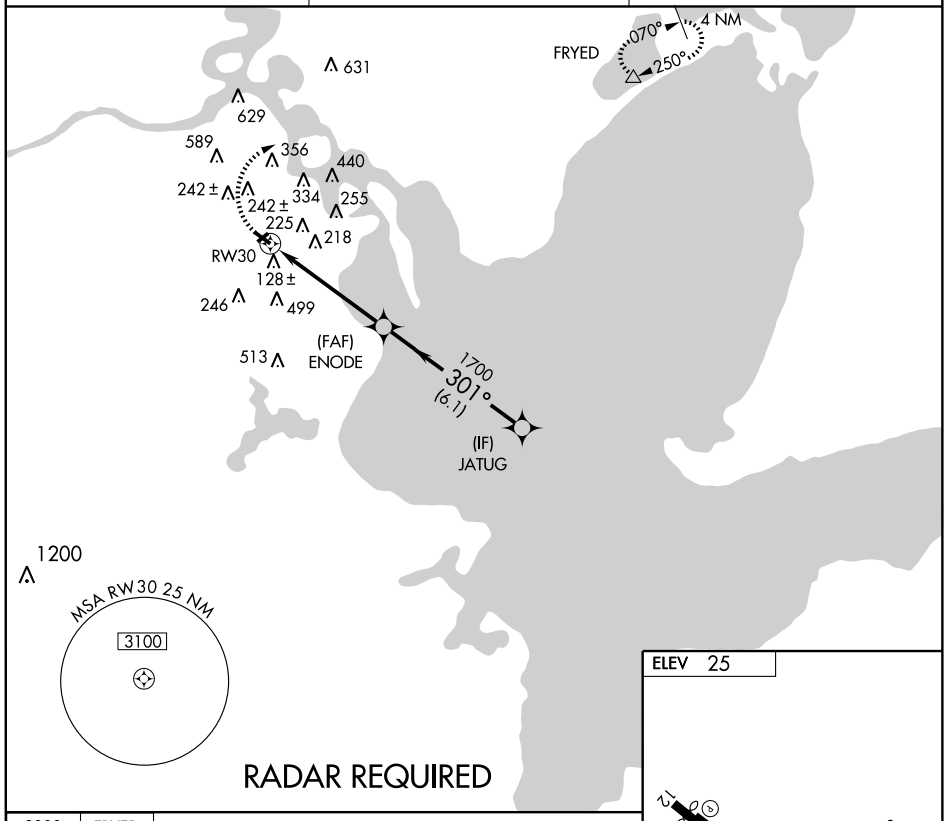
RNAV (GPS) RWY 30
LA PORTE MUNI (T41)

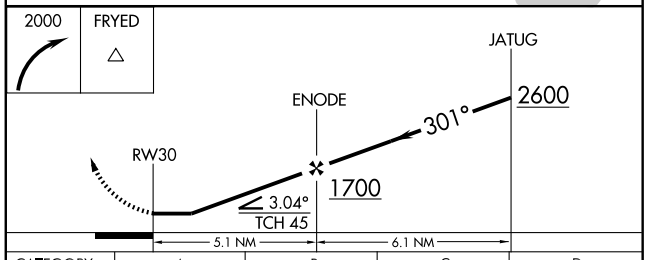
Use Ellington Field altimeter setting.
DME/DME RNP-0.3 NA.

NA

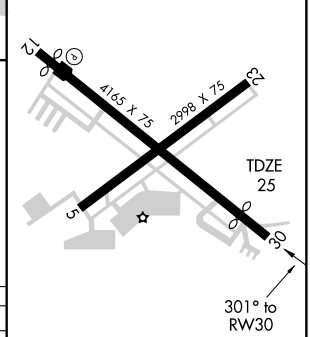
MISSED APPROACH: Climbing right turn to 2000 direct FRYED and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
134.45 284.0	125.6	122.7 (CTAF)



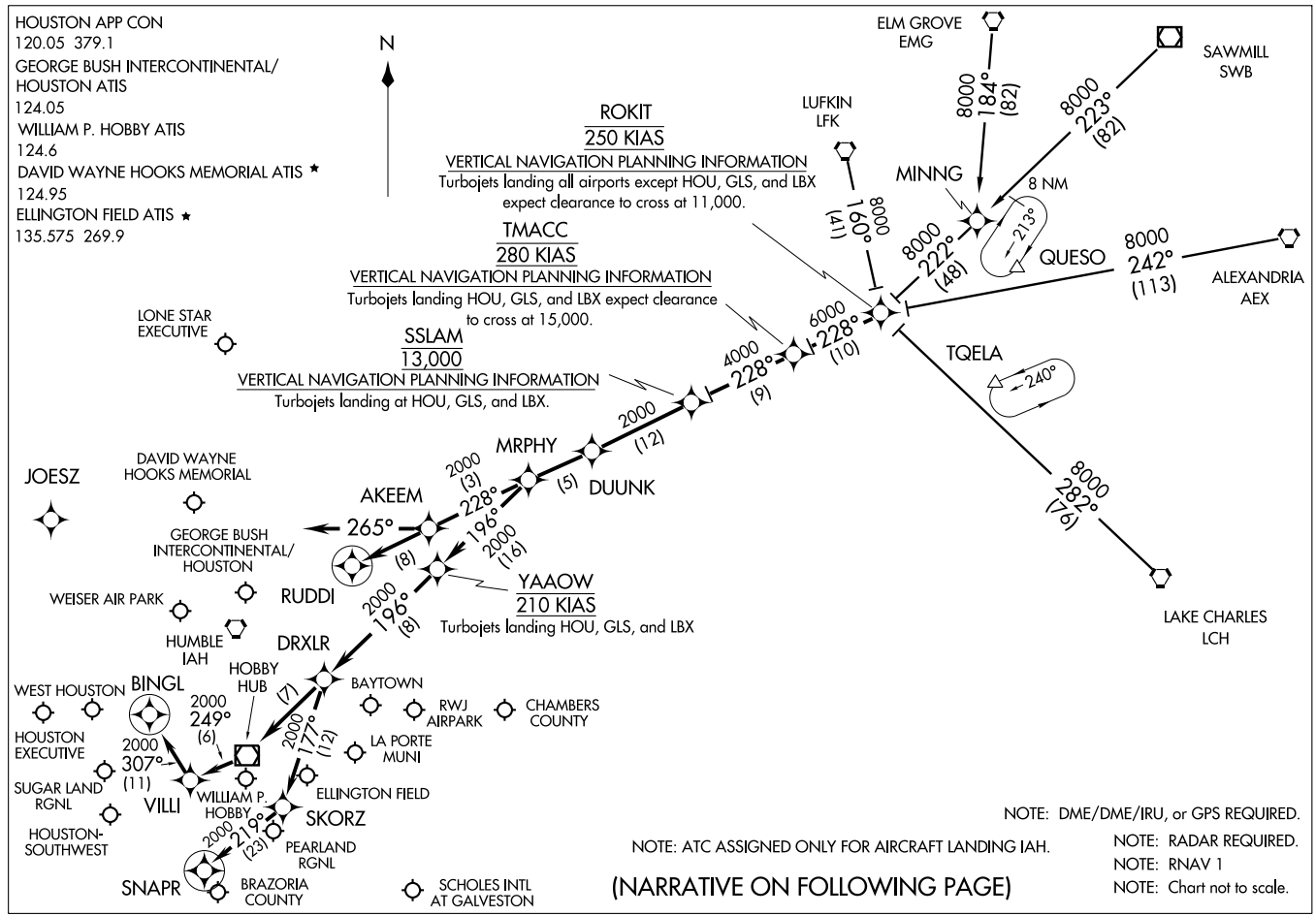


CATEGORY	A	B	C	D
LNAV MDA	520-1 495 (500-1)		520-1¼ 495 (500-1¼)	NA
CIRCLING	600-1 575 (600-1)	620-1 595 (600-1)	620-1½ 595 (600-1½)	NA



REIL Rwy 12
MIRL Rwys 5-23 and 12-30

SC-5, 17 DEC 2009 to 14 JAN 2010



(ROKIT.ROKIT1) 09127

ROKIT ONE ARRIVAL (RNAV)

HOUSTON, TEXAS

ST-5461(FAA)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.ROKIT1): For non-GPS equiped aircraft: LCH, AEX, LFK, and DAS must be operational.
ELM GROVE TRANSITION (EMG.ROKIT1): For non-GPS equiped aircraft: LFK, EMG, LCH, and DAS must be operational.
LAKE CHARLES TRANSITION (LCH.ROKIT1): For non-GPS equiped aircraft: BPT, LCH, DAS, and IAH must be operational.
LUFKIN TRANSITION (LFK.ROKIT1): For non-GPS equiped aircraft: IAH and DAS must be operational.
SAWMILL TRANSITION (SWB.ROKIT1): For non-GPS equiped aircraft: LFK and DAS must be operational.

From ROKIT via 228° track to TMACC, thence as depicted to MRPHY. Thence . . . .

FOR DAVID WAYNE HOOKS MEMORIAL (DWH) AND LONE STAR EXECUTIVE (CXO):
. . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final approach course prior to RUDDI.

FOR WILLIAM P. HOBBY (HOU):
RUNWAY 4 . . . . From MRPHY via 196° track to YAAOW, thence as depicted to SNAPR. Expect vectors to final approach course prior to SNAPR, if not received by SNAPR fly present heading.

RUNWAY 12R . . . . From MRPHY via 196° track to YAAOW, thence as depicted to BINGL. Expect vectors to final approach course prior to BINGL, if not received by BINGL fly present heading.

ALL OTHER RUNWAYS . . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

FOR GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH):
RUNWAYS 8 L/R and 9 . . . . From MRPHY via 228° track to AKEEM, then via 265° heading. Expect radar vectors.

ALL OTHER RUNWAYS . . . . From MRPHY via 228° track to AKEEM, thence as depicted to RUDDI. Expect vectors to final appraoch course prior to RUDDI.

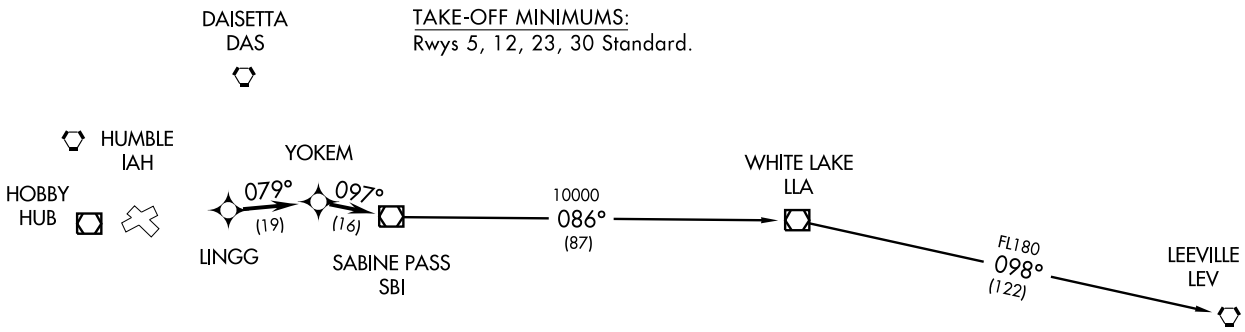
FOR OTHER SATELLITE AIRPORTS:
. . . . From MRPHY via 196° track to YAAOW, thence as depicted to DRXLR. Expect vectors to final approach course prior to DRXLR.

SC-5, 17 DEC 2009 to 14 JAN 2010

Note: RADAR Required.
Note: RNAV 1.
Note: DME/DME/IRU or GPS Required.
Note: For non-GPS equipped aircraft, BPT and LCH must be operational.

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7

TAKE-OFF MINIMUMS:
Rwys 5, 12, 23, 30 Standard.



DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to LINGG, maintain 4000, then via depicted route to SBI VOR/DME, thence. . . .

. . . .via (transition). Expect clearance to filed altitude/flight level 10 minutes after departure.

LEEVILLE TRANSITION: (SBI1.LEV)
WHITE LAKE TRANSITION: (SBI1.LLA)

TAKE-OFF OBSTACLES:
Rwy 5,
Stack 2.1 NM from DER, 3297' left of centerline, 330' AGL/334' MSL.
Rwy 12,
Pole 131' from DER, 261' right of centerline, 14' AGL/ 38' MSL.
Stack 2.2 NM from DER, 1.6 NM right of centerline, 479' AGL/499' MSL.

NOTE: Chart not to scale.

SABINE PASS ONE DEPARTURE (RNAV) (SBI1.SBI)

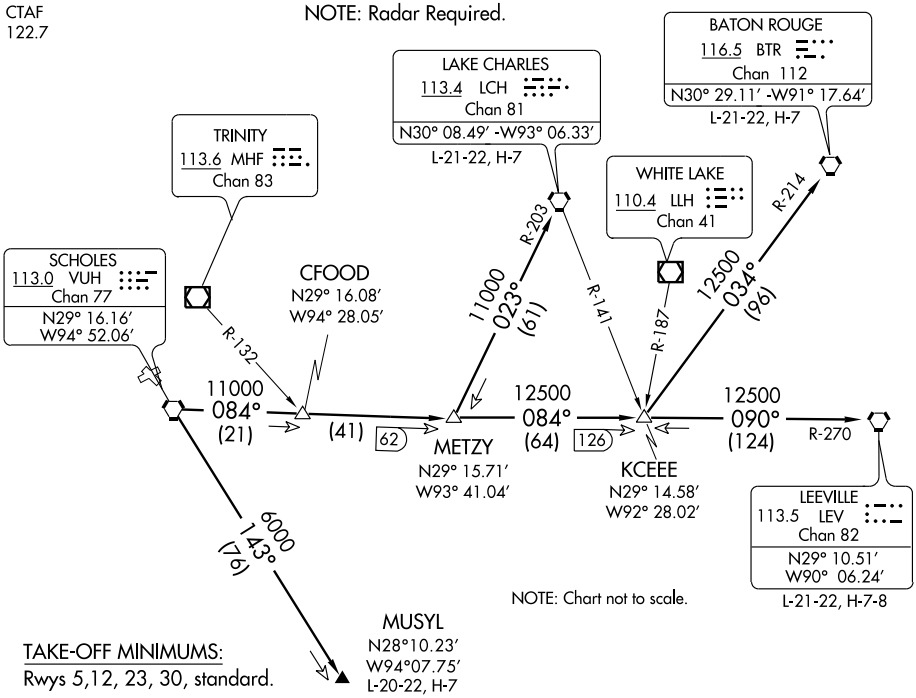
09071

SL-5433 (FAA)

LA PORTE MUNI (T41)
LA PORTE, TEXAS

CLNC DEL
125.6
HOUSTON DEP CON
134.45 284.0
CTAF
122.7

NOTE: LCH, BTR, and LEV transitions are ATC assigned only, do not file.
NOTE: For LCH, BTR, LEV transitions, this procedure requires over water flight not to exceed 35 miles from nearest shoreline.
NOTE: Radar Required.



NOTE: Chart not to scale.

TAKE-OFF MINIMUMS:
Rwys 5,12, 23, 30, standard.

TAKE-OFF OBSTACLES:
Rwy 5, Stack 2.1 NM from DER, 3297′ left of centerline, 330′ AGL/334′ MSL.
Rwy 12, Pole 131′ from DER, 261′ right of centerline, 14′ AGL/38′ MSL. Stack 2.2 NM from DER, 1.6 NM right of centerline, 479′ AGL/499′ MSL.

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading for vectors to VUH VORTAC, maintain 4000′, expect filed altitude 10 minutes after departure.

BATON ROUGE TRANSITION (VUH3.BTR): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via BTR R-214 to BTR VORTAC.

LAKE CHARLES TRANSITION (VUH3.LCH): From over VUH VORTAC via VUH R-084 to METZY INT, then via LCH R-203 to LCH VORTAC.

LEEVILLE TRANSITION (VUH3.LEV): From over VUH VORTAC via VUH R-084 to KCEEE INT, then via LEV R-270 to LEV VORTAC.

MUSYL TRANSITION (VUH3.MUSYL): From over VUH VORTAC via VUH R-143 to MUSYL.

SC-5, 17 DEC 2009 to 14 JAN 2010

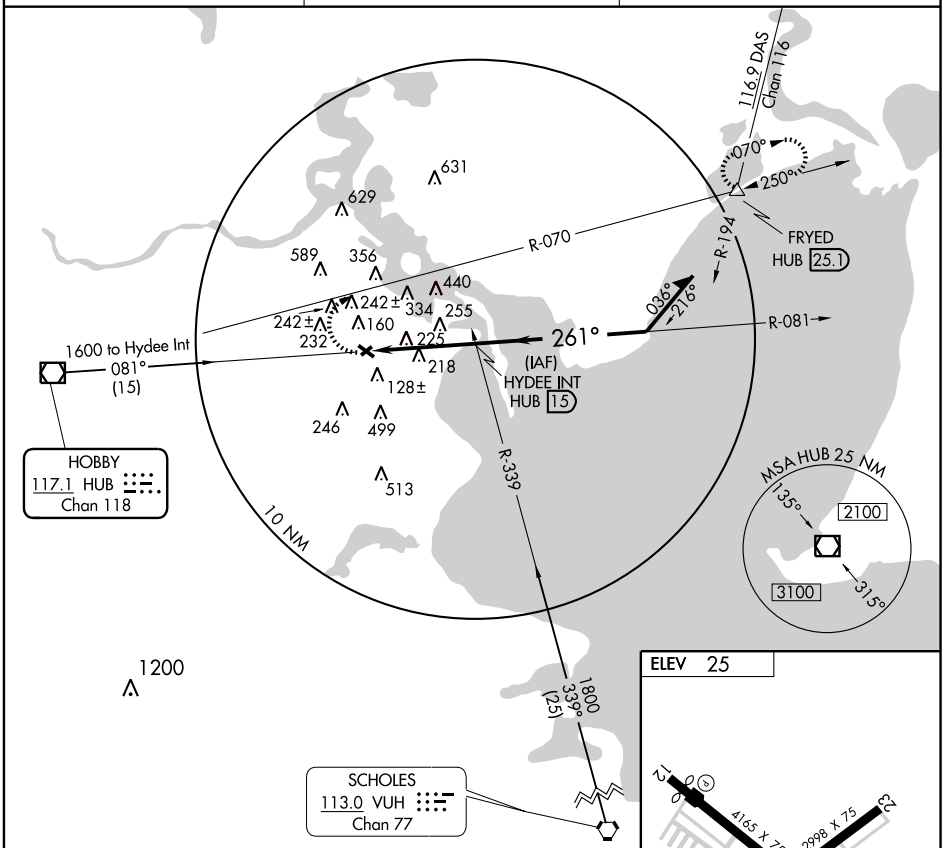
VOR/DME HUB	APP CRS	Rwy Idg	N/A
117.1	261°	TDZE	N/A
Chan 118		Apt Elev	25

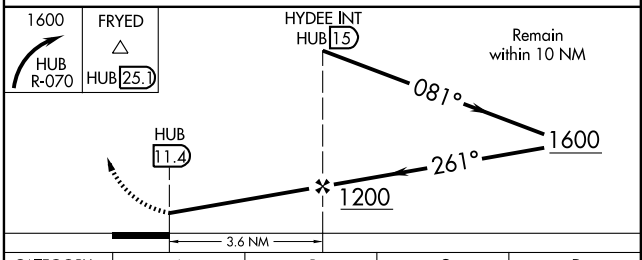
VOR-A
LA PORTE MUNI (T41)

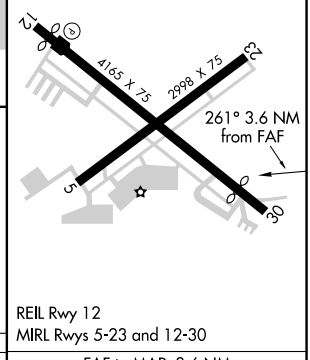
Use Ellington Field altimeter setting.
NA

MISSED APPROACH: Climbing right turn to 1600 via HUB R-070 to FRYED Int and hold.

HOUSTON APP CON	CLNC DEL	UNICOM
134.45 284.0	125.6	122.7 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	660-1	635 (700-1)	660-1¾ 635 (700-1¾)	NA

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3808
154°	TDZE	1231
	Apt Elev	1231

GPS RWY 15

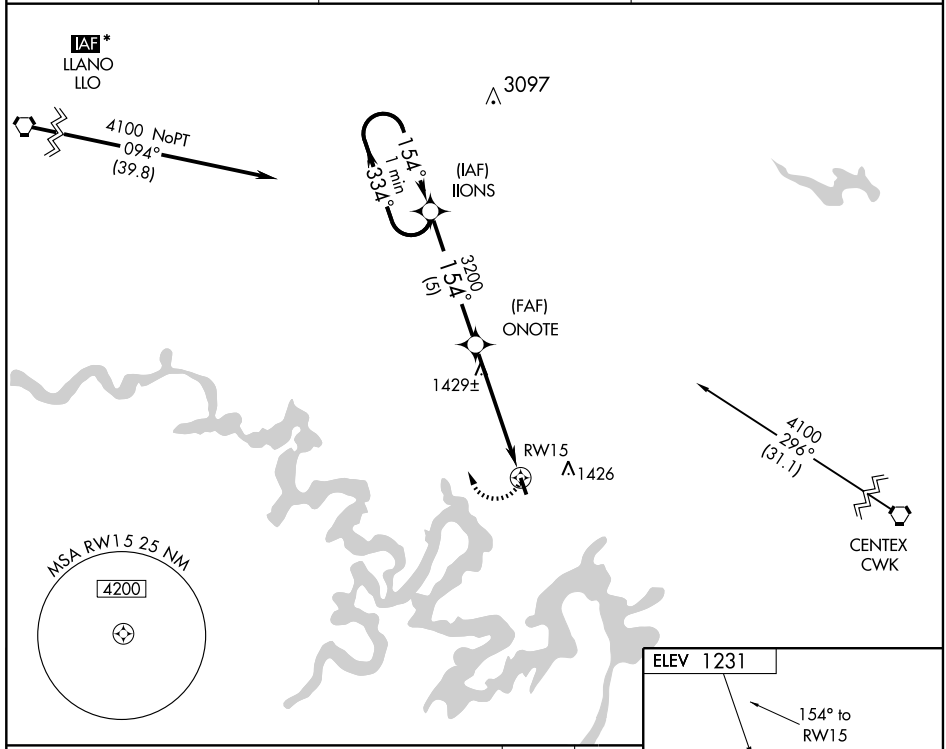
LAGO VISTA TX-RUSTY ALLEN (RYW)

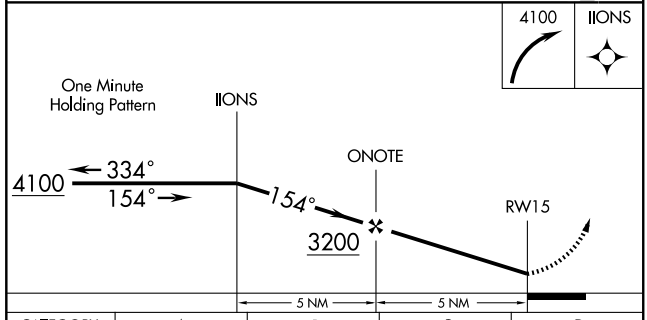
IAF
NA

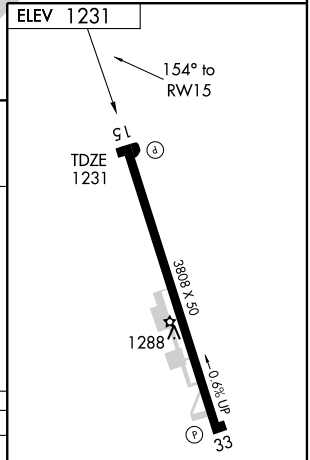
Use Austin-Bergstrom Intl altimeter setting.
ARM APPROACH MODE 30 NM PRIOR TO IAF.*

MISSED APPROACH: Climbing right turn to 4100 direct IIONS WP and hold.

AWOS-3	AUSTIN APP CON	UNICOM
119.375	119.0 370.85	122.725 (CTAF) L







CATEGORY	A	B	C	D
S-15	1880-1 649- (700-1)		1880-1¾ 649 (700-1¾)	NA
CIRCLING	1880-1 649 (700-1)		1940-2 709 (800-2)	NA

MIRL Rwy 15-33 L

NDB LSA	APP CRS	Rwy Idg	5000
338	155°	TDZE	2990
		Apt Elev	2998

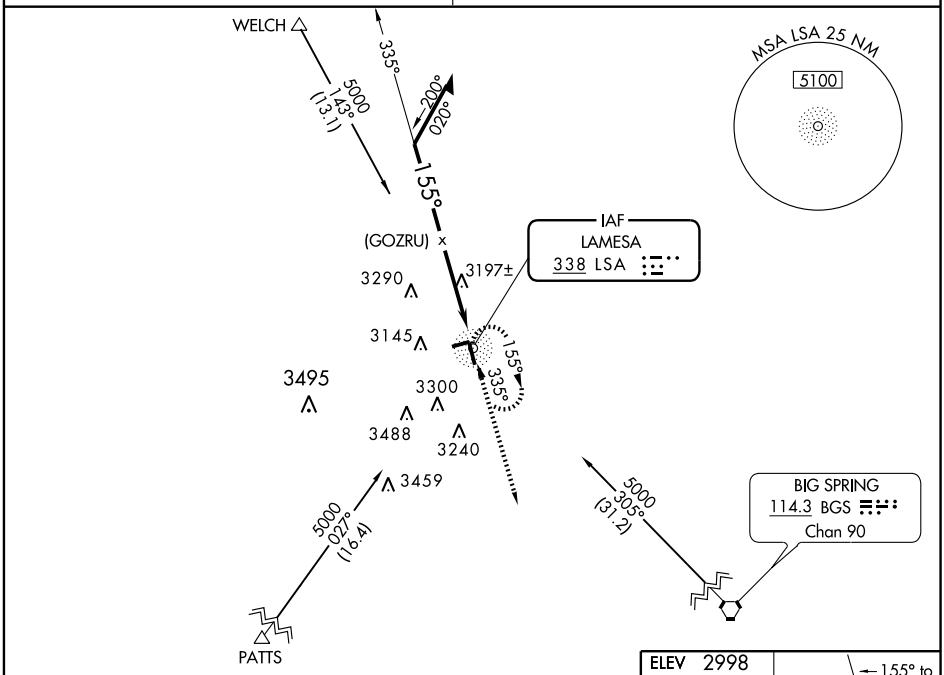
NDB or GPS RWY 16
LAMESA MUNI (2F5)

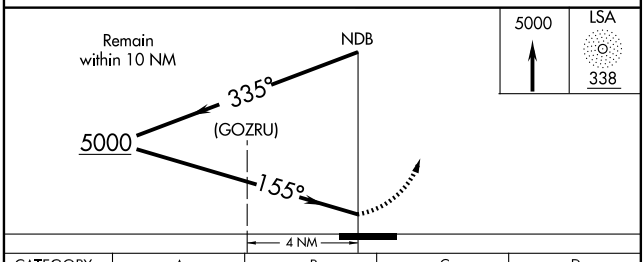
Obtain local altimeter setting on CTAF when not received, use Midland Intl. altimeter setting.
⚠ NA

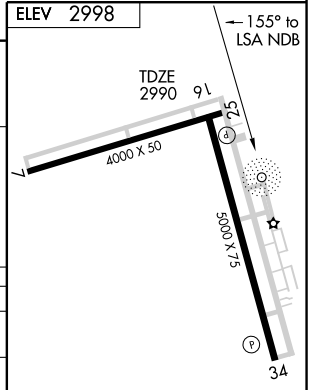
MISSED APPROACH: Climb to 5000 then direct LSA NDB and hold.

FORT WORTH CENTER
132.6 269.05

UNICOM
122.8 (CTAF) L







CATEGORY	A	B	C	D
S-16	3640-1	650 (700-1)	3640-1¾ 650 (700-1¾)	3640-2 650 (700-2)
CIRCLING	3640-1	642 (700-1)	3640-1¾ 642 (700-1¾)	3660-2 662 (700-2)
MIDLAND INTL ALTIMETER SETTING MINIMUMS				
S-16	3780-1 790 (800-1)	3780-1¼ 790 (800-1¼)	3780-2¼ 790 (800-2¼)	3780-2½ 790 (800-2½)
CIRCLING	3780-1 782 (800-1)	3780-1¼ 782 (800-1¼)	3780-2¼ 782 (800-2¼)	3800-2½ 802 (800-2½)

MIRL Rwys 7-25 and 16-34 L

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB LSA	APP CRS		
338	339°	Rwy Idg	5000
		TDZE	2995
		Apt Elev	2998

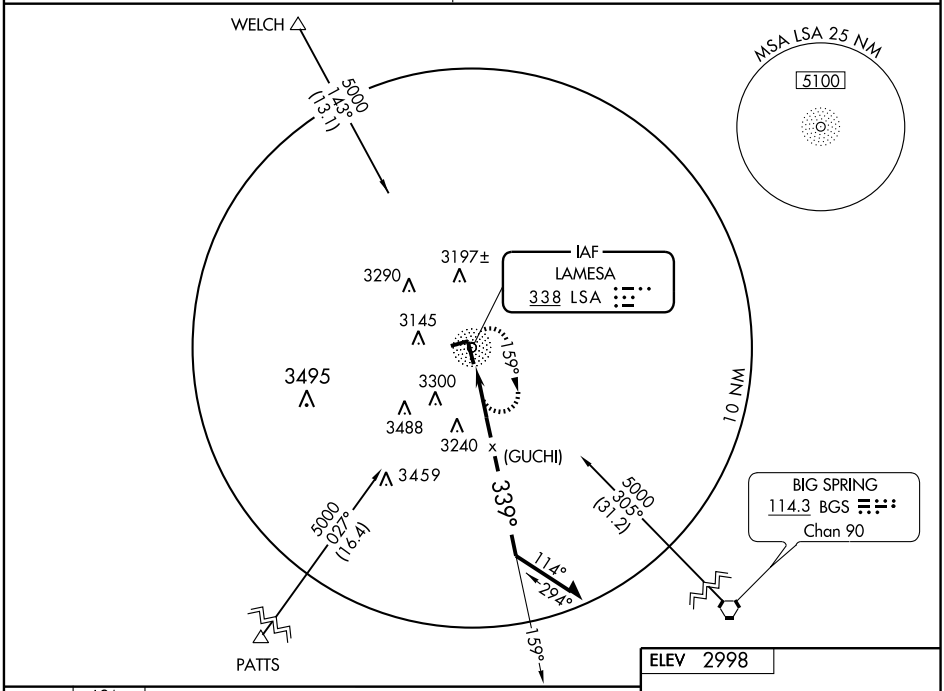
NDB or GPS RWY 34
LAMESA MUNI (2F5)

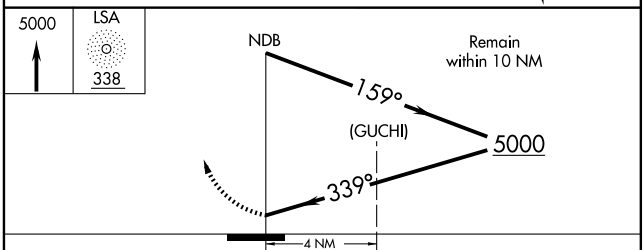
Obtain local altimeter setting on CTAF when not received, use Midland Intl. altimeter setting.
NA

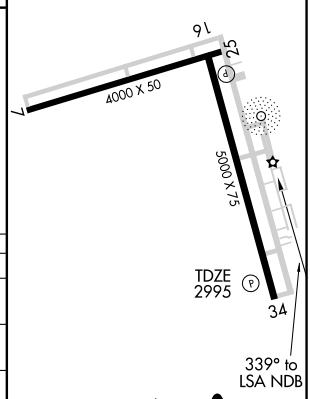
MISSED APPROACH: Climb to 5000 then direct LSA NDB and hold.

FORT WORTH CENTER
132.6 269.05

UNICOM
122.8 (CTAF) L







MIRL Rwys 7-25 and 16-34 L

CATEGORY	A	B	C	D
S-34	3600-1	605 (700-1)	3600-1¾ 605 (700-1¾)	3600-2 605 (700-2)
CIRCLING	3600-1	602 (700-1)	3600-1¾ 602 (700-1¾)	3660-2 662 (700-2)
MIDLAND INTL ALTIMETER SETTING MINIMUMS				
S-34	3740-1 745 (800-1)	3740-1¼ 745 (800-1¼)	3740-2¼ 745 (800-2¼)	3740-2½ 745 (800-2½)
CIRCLING	3740-1 742 (800-1)	3740-1¼ 742 (800-1¼)	3740-2¼ 742 (800-2¼)	3800-2½ 802 (800-2½)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 34

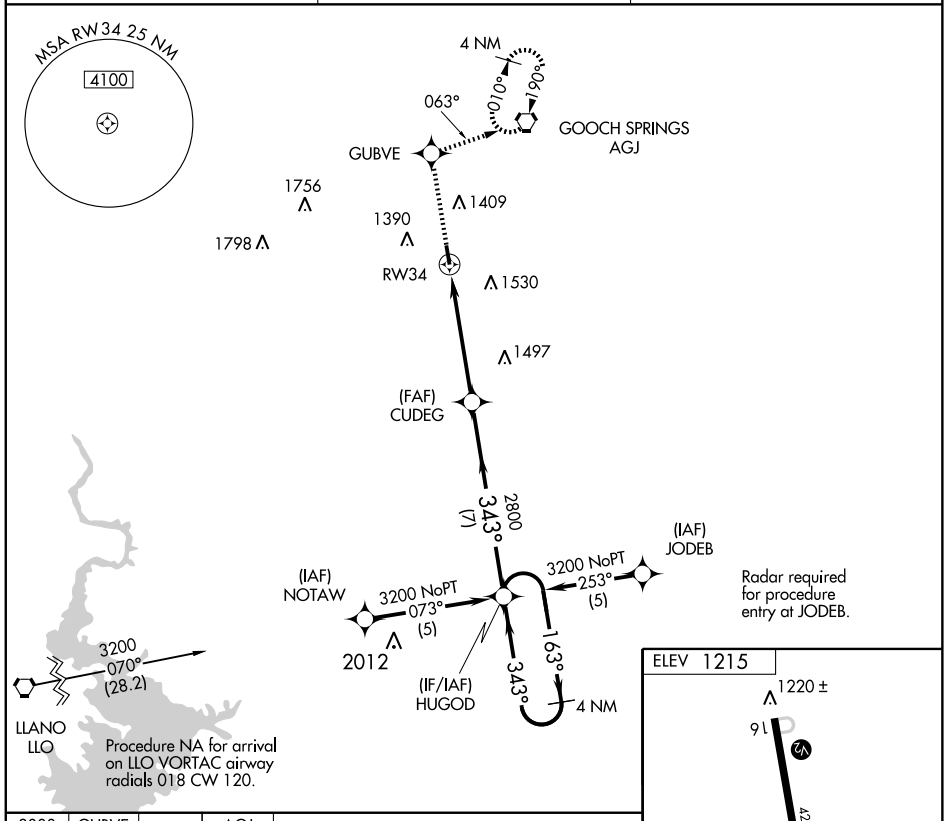
LAMPASAS (LZZ)

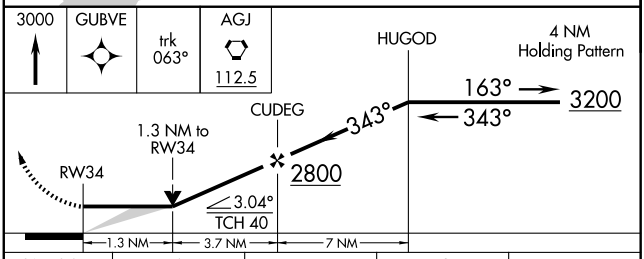
APP CRS	Rwy Idg	4200
343°	TDZE	1198
	Apt Elev	1215

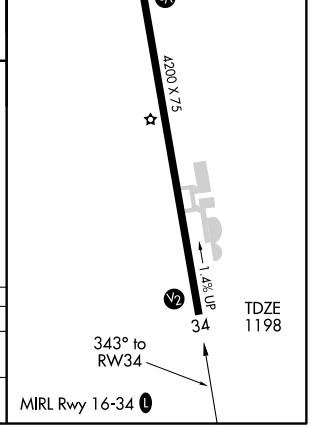
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDA 80 feet and LNAV Cat C visibility ¼ mile. VDP NA when using Robert Gray AAF altimeter setting.

MISSED APPROACH: Climb to 3000 direct GUBVE and via track 063° to AGJ VORTAC and hold.

AWOS-3	GRAY APP CON	UNICOM
119.075	120.075 323.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1620-1 422 (500-1)		1620-1¼ 422 (500-1¼)	NA
CIRCLING	1680-1 465 (500-1)	1720-1 505 (600-1)	1720-1½ 505 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

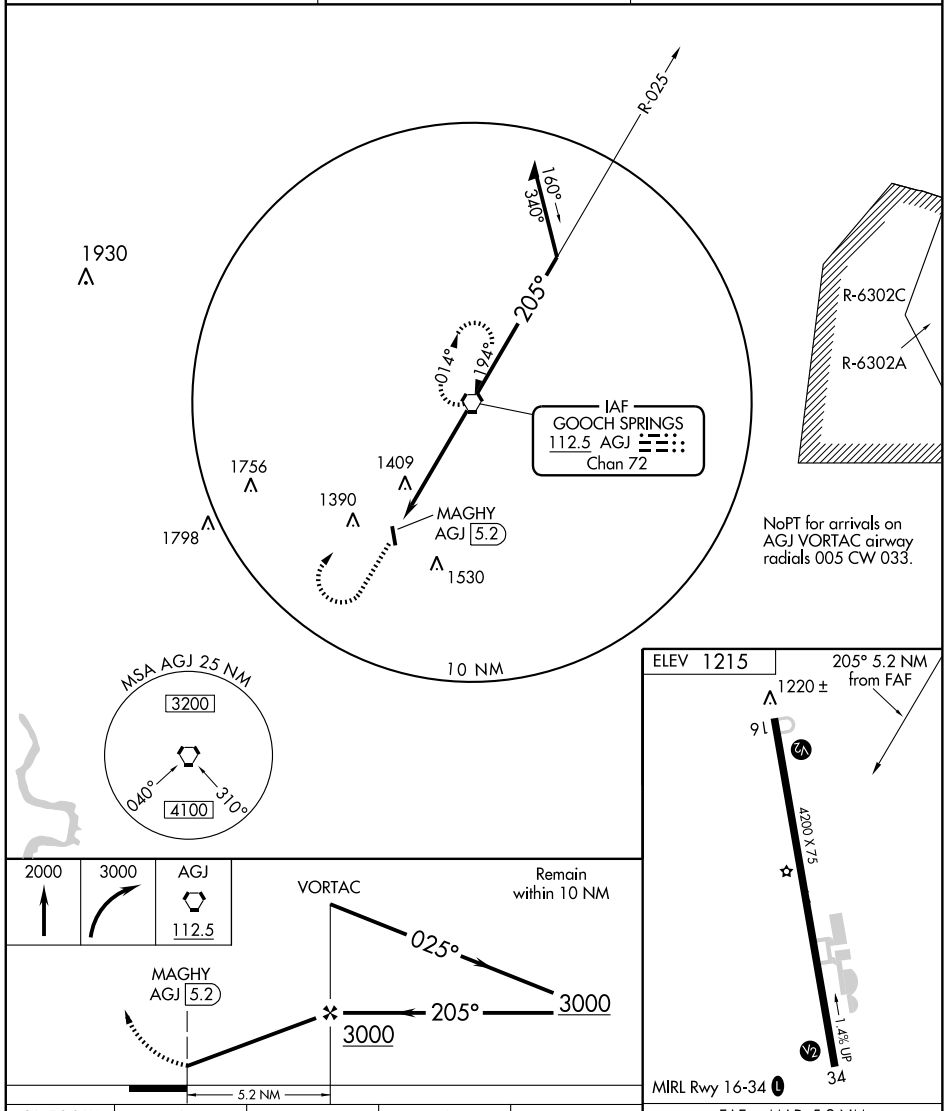
VORTAC AGJ 112.5 Chan 72	APP CRS 205°	Rwy Idg N/A TDZE N/A Apt Elev 1215

VOR-A
LAMPASAS (LZZ)

When local altimeter setting not received, use Robert Gray AAF altimeter setting and increase all MDA 80 feet.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct AGJ VORTAC and hold.

AWOS-3	GRAY APP CON	UNICOM
119.075	120.075 323.15	122.8 (CTAF) L

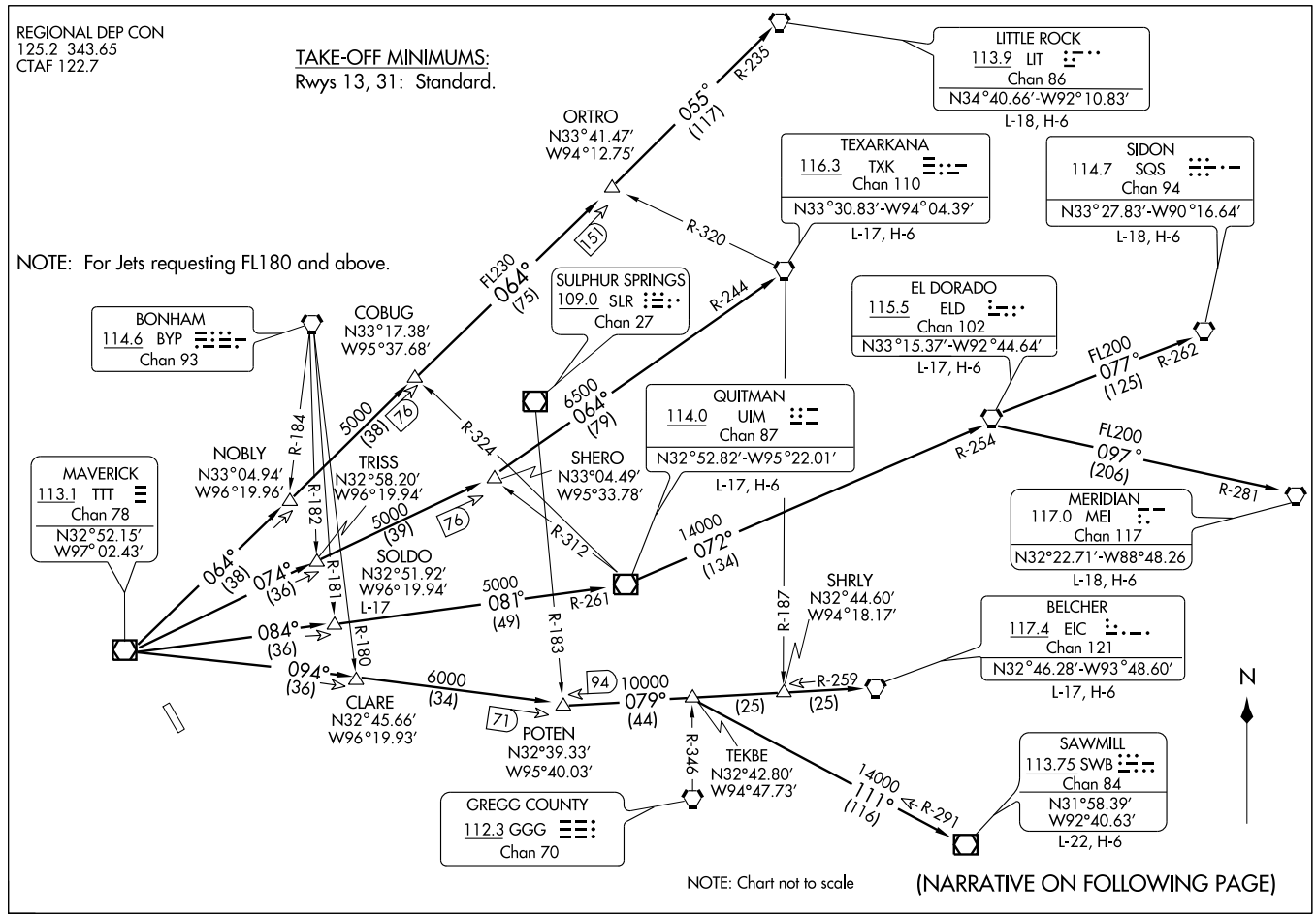


CATEGORY	A	B	C	D
CIRCLING	1680-1 465 (500-1)	1720-1 505 (600-1)	1720-1½ 505 (600-1½)	NA

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-3, 17 DEC 2009 to 14 JAN 2010



(DAL9.TTT) 09351

DALLAS NINE DEPARTURE

SL-5936 (FAA)

LANCASTER (LNC)

LANCASTER, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

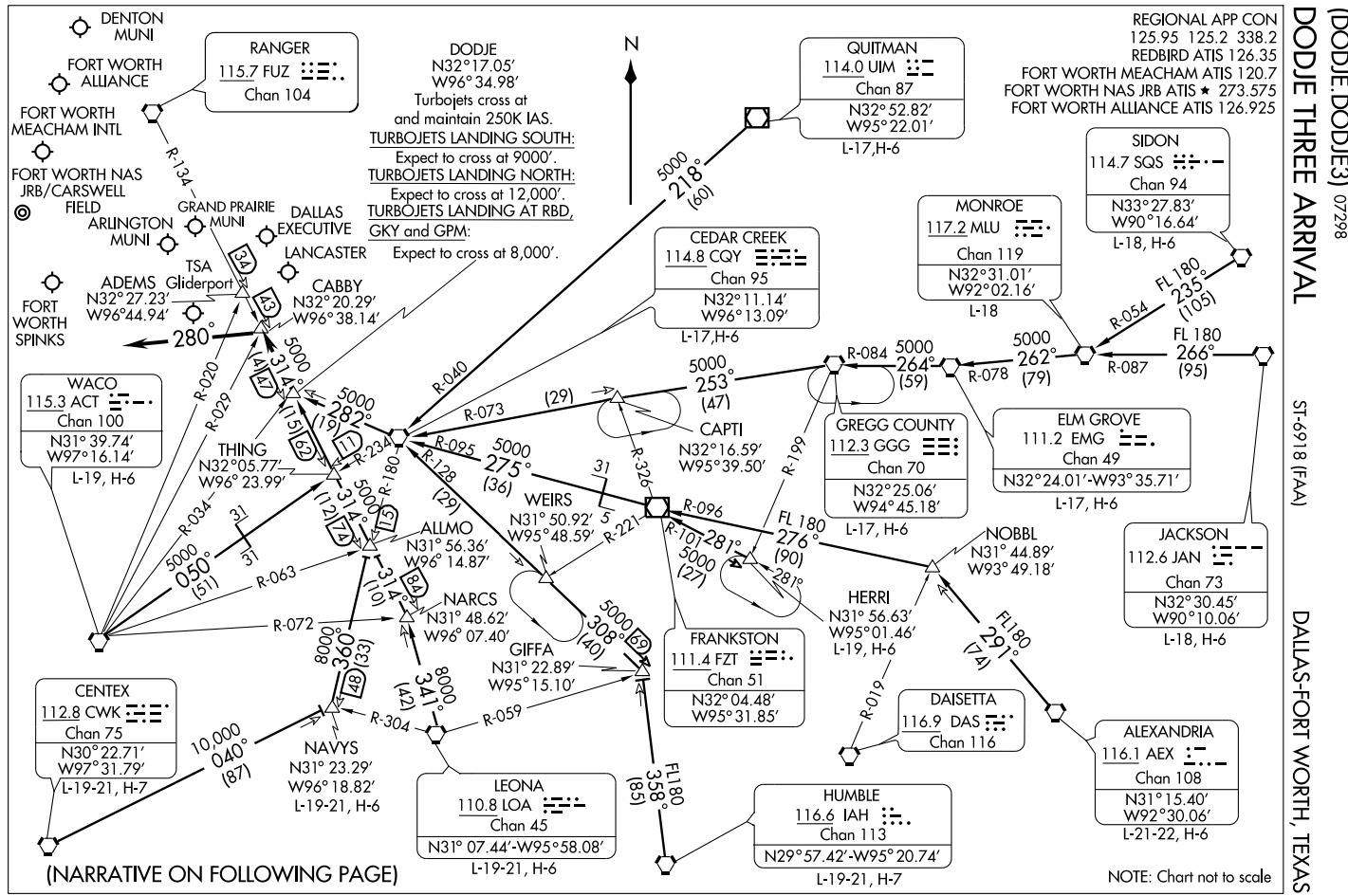
SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010


DODGE THREE ARRIVAL
(DODJE.DODJE3) 07298
ST-6918 (FAA)
DALLAS-FORT WORTH, TEXAS
REGIONAL APP CON
125.95 125.2 338.2
REDBIRD ATIS 126.35
FORT WORTH MEACHAM ATIS 120.7
FORT WORTH NAS JRB ATIS ★ 273.575
FORT WORTH ALLIANCE ATIS 126.925
DENTON MUNI
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
GRAND PRAIRIE MUNI
DALLAS EXECUTIVE
LANCASTER
TSA
FORT WORTH SPINKS
RANGER
115.7 FUZ
Chan 104
DODJE
N32°17.05′
W96°34.98′
Turbojets cross at and maintain 250K IAS.
TURBOJETS LANDING SOUTH:
Expect to cross at 9000′.
TURBOJETS LANDING NORTH:
Expect to cross at 12,000′.
TURBOJETS LANDING AT RBD, GKY and GPM:
Expect to cross at 8,000′.
N
QUITMAN
114.0 UIM
Chan 87
N32°52.82′
W95°22.01′
L-17,H-6
SIDON
114.7 SQS
Chan 94
N33°27.83′
W90°16.64′
L-18, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01′
W92°02.16′
L-18
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14′
W96°13.09′
L-17,H-6
ADEMS
N32°27.23′
W96°44.94′
CABBY
N32°20.29′
W96°38.14′
WACO
115.3 ACT
Chan 100
N31°39.74′
W97°16.14′
L-19, H-6
THING
N32°05.77′
W96°23.99′
CAPTI
N32°16.59′
W95°39.50′
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.06′
W94°45.18′
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01′-W93°35.71′
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45′
W90°10.06′
L-18, H-6
WEIRS
N31°50.92′
W95°48.59′
ALLMO
N31°56.36′
W96°14.87′
NOBBL
N31°44.89′
W93°49.18′
NARCS
N31°48.62′
W96°07.40′
HERRI
N31°56.63′
W95°01.46′
L-19, H-6
GIFFA
N31°22.89′
W95°15.10′
FRANKSTON
111.4 FZT
Chan 51
N32°04.48′
W95°31.85′
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71′
W97°31.79′
L-19-21, H-7
NAVYS
N31°23.29′
W96°18.82′
L-19-21, H-6
ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′
L-21-22, H-6
LEONA
110.8 LOA
Chan 45
N31°07.44′-W95°58.08′
L-19-21, H-6
HUMBLE
116.6 IAH
Chan 113
N29°57.42′-W95°20.74′
L-19-21, H-7
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

DODJE THREE ARRIVAL (DODJE.DODJE3)

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DODJE3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

CEDAR CREEK TRANSITION (CQY.DODJE3): From over CQY VORTAC via CQY R-282 to DODJE INT. Thence. . . .

CENTEX TRANSITION (CWK.DODJE3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

ELM GROVE TRANSITION (EMG.DODJE3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

GREGG COUNTY TRANSITION (GGG.DODJE3): From over GGG VORTAC via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HERRI TRANSITION (HERRI.DODJE3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-275 and CQY R-095 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

HUMBLE TRANSITION (IAH.DODJE3): From over IAH VORTAC via IAH R-355 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

JACKSON TRANSITION (JAN.DODJE3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

LEONA TRANSITION (LOA.DODJE3): From over LOA VORTAC via LOA R-341 to NARCS INT, then via FUZ R-134 to DODJE INT. Thence. . . .

MONROE TRANSITION (MLU.DODJE3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

NAVYS TRANSITION (NAVYS.DODJE3): From over NAVYS INT via CQY R-180 to ALLMO INT, then via FUZ R-134 to DODJE INT. Thence. . . .

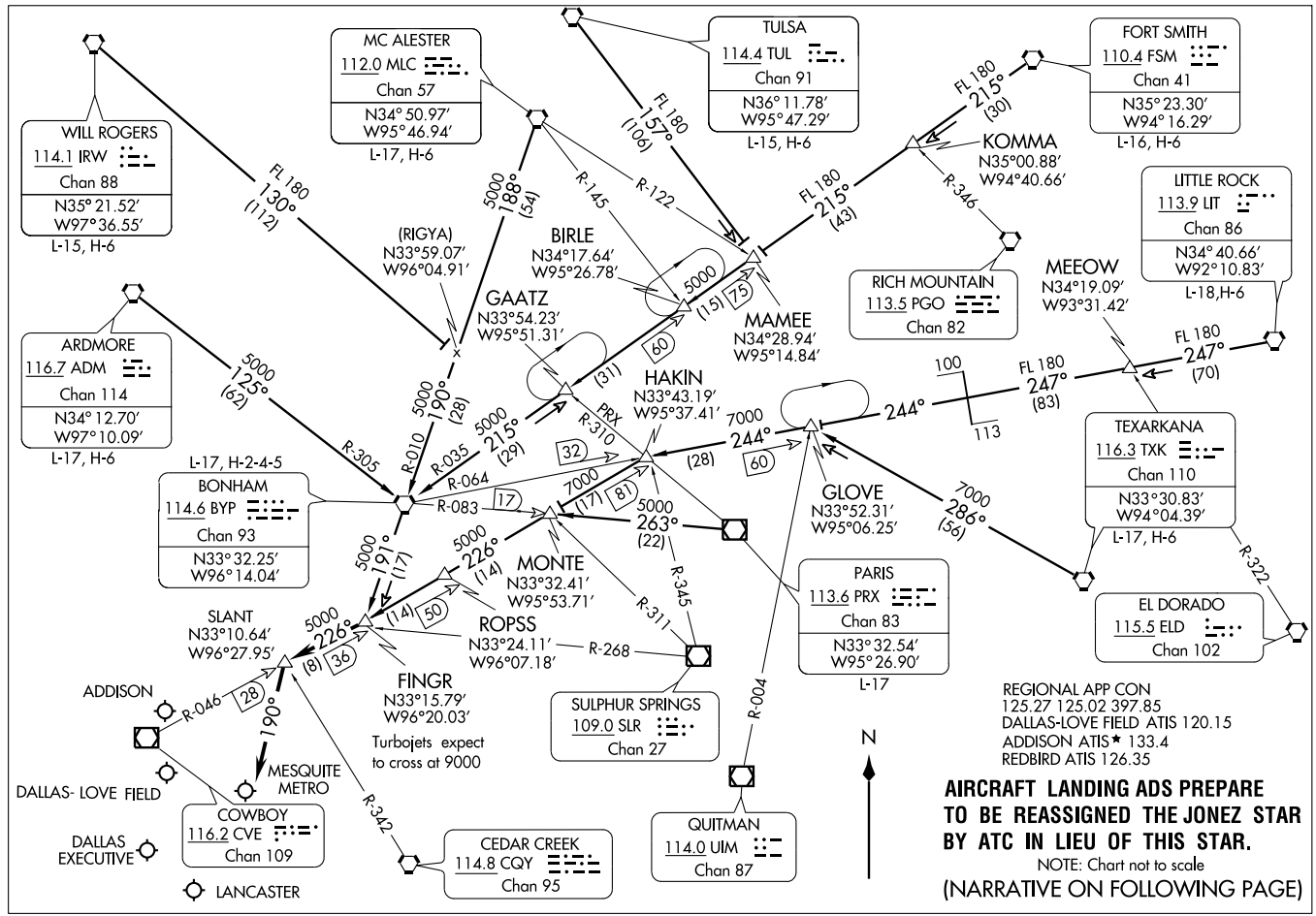
QUITMAN TRANSITION (UIM.DODJE3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

SIDON TRANSITION (SQS.DODJE3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to CQY VORTAC, then via CQY R-282 to DODJE INT. Thence. . . .

WACO TRANSITION (ACT.DODJE3): From over ACT VORTAC via ACT R-050 and CQY R-234 to THING INT, then via FUZ R-134 to DODJE INT. Thence. . . .

. . . .From over DODJE INT via FUZ R-134 to CABBY INT or ADEMS INT (when directed by ATC). Depart CABBY INT heading 280°. Expect radar vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

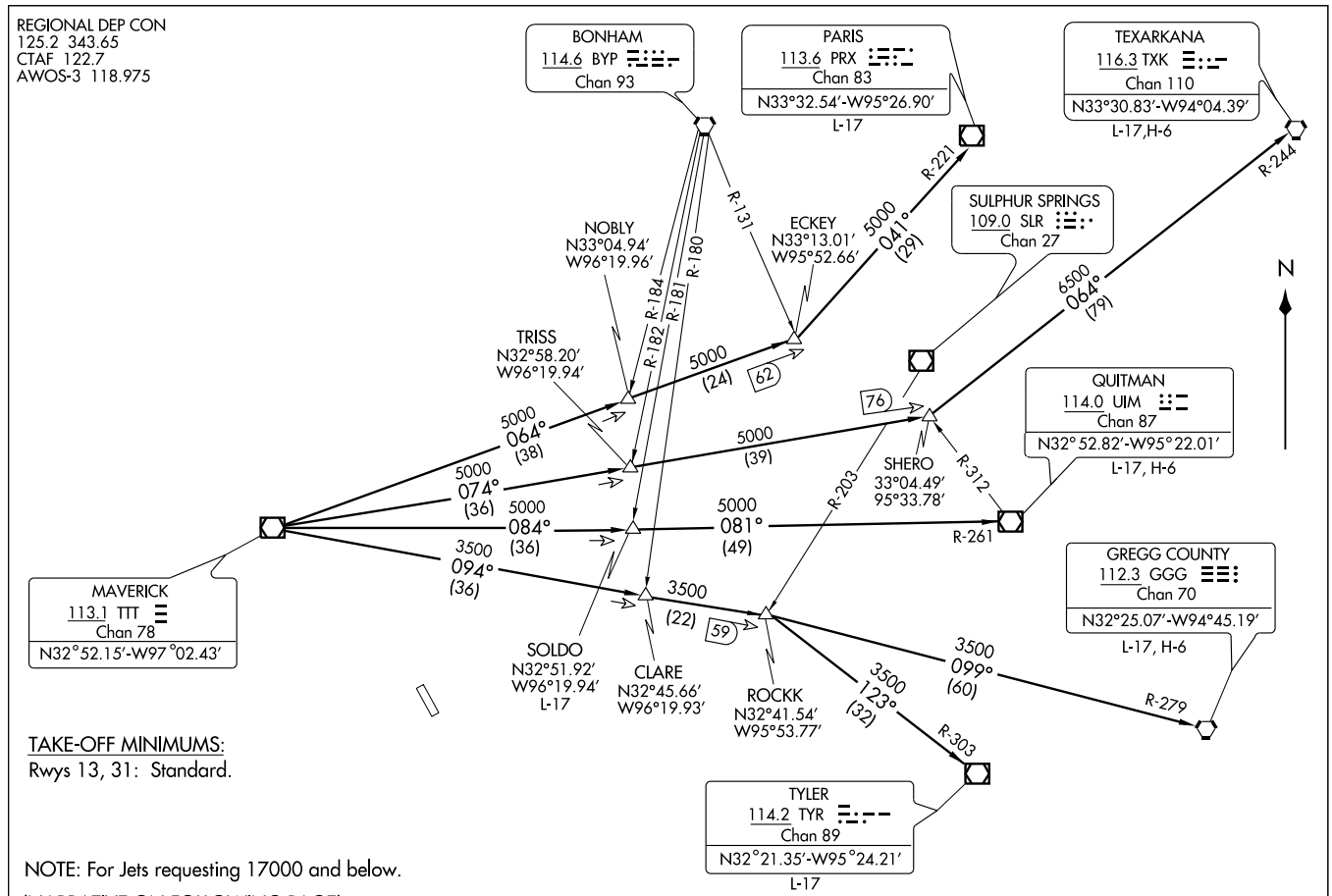

FINGR THREE ARRIVAL
(FINGR.FINGR3) 09351
ST-106 (FAA)
DALLAS-FT. WORTH, TEXAS
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52′
W97° 36.55′
L-15, H-6
MC ALESTER
112.0 MLC
Chan 57
N34° 50.97′
W95° 46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78′
W95° 47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35° 23.30′
W94° 16.29′
L-16, H-6
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34° 40.66′
W92° 10.83′
L-18,H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
MEEOW
N34°19.09′
W93°31.42′
ARDMORE
116.7 ADM
Chan 114
N34° 12.70′
W97° 10.09′
L-17, H-6
(RIGYA)
N33°59.07′
W96°04.91′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
MAMEE
N34°28.94′
W95°14.84′
HAKIN
N33°43.19′
W95°37.41′
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′
W94°04.39′
L-17, H-6
L-17, H-2-4-5
BONHAM
114.6 BYP
Chan 93
N33° 32.25′
W96° 14.04′
GLOVE
N33°52.31′
W95°06.25′
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33° 32.54′
W95° 26.90′
L-17
EL DORADO
115.5 ELD
Chan 102
SLANT
N33°10.64′
W96°27.95′
ROPSS
N33°24.11′
W96°07.18′
FINGR
N33°15.79′
W96°20.03′
Turbojets expect
to cross at 9000
SULPHUR SPRINGS
109.0 SLR
Chan 27
ADDISON
MESQUITE METRO
DALLAS- LOVE FIELD
COWBOY
116.2 CVE
Chan 109
DALLAS EXECUTIVE
LANCASTER
CEDAR CREEK
114.8 CQY
Chan 95
QUITMAN
114.0 UIM
Chan 87
FL 180 130° (112)
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
FL 180 247° (70)
FL 180 247° (83)
5000 188° (54)
5000 125° (62)
5000 190° (28)
5000 215° (29)
5000 191° (17)
5000 226° (14)
5000 226° (8)
5000 263° (22)
7000 244° (28)
7000 286° (56)
R-145
R-122
R-346
R-305
R-010
R-035
R-064
R-083
R-310
R-345
R-311
R-268
R-342
R-004
R-322
(15) 75
(31) 60
PRX
32
17
(17) 81
(14) 50
(8) 36
28
190°
R-046
244°
100
113
7000
60
N
REGIONAL APP CON
125.27 125.02 397.85
DALLAS-LOVE FIELD ATIS 120.15
ADDISON ATIS★ 133.4
REDBIRD ATIS 126.35
AIRCRAFT LANDING ADS PREPARE TO BE REASSIGNED THE JONEZ STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

FINGR THREE ARRIVAL (FINGR.FINGR3)

ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.FINGR3): From over ADM VORTAC via ADM R-125 and BYP R-305 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
BONHAM TRANSITION (BYP.FINGR3): From over BYP VORTAC via BYP R-191 to to FINGR INT. Thence . . . .
FORT SMITH TRANSITION (FSM.FINGR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
LITTLE ROCK TRANSITION (LIT.FINGR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
MC ALESTER TRANSITION (MLC.FINGR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
PARIS TRANSITION (PRX.FINGR3): From over PRX VOR/DME via PRX R-263 to MONTE INT, then via CVE R-046 to FINGR INT. Thence . . . .
TEXARKANA TRANSITION (TXK.FINGR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
TULSA TRANSITION (TUL.FINGR3): From over TUL VORTAC via TUL R-157 to to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
WILL ROGERS TRANSITION (IRW.FINGR3): From over IRW VORTAC via IRW R-130 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . . From over FINGR INT via CVE R-046 to SLANT INT.
AIRCRAFT LANDING NORTH: Depart SLANT INT heading 190° for vectors to final approach course.
AIRCRAFT LANDING SOUTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 09351

GARLAND THREE DEPARTURE

SL-5936 (FAA)

LANCASTER (LNC)

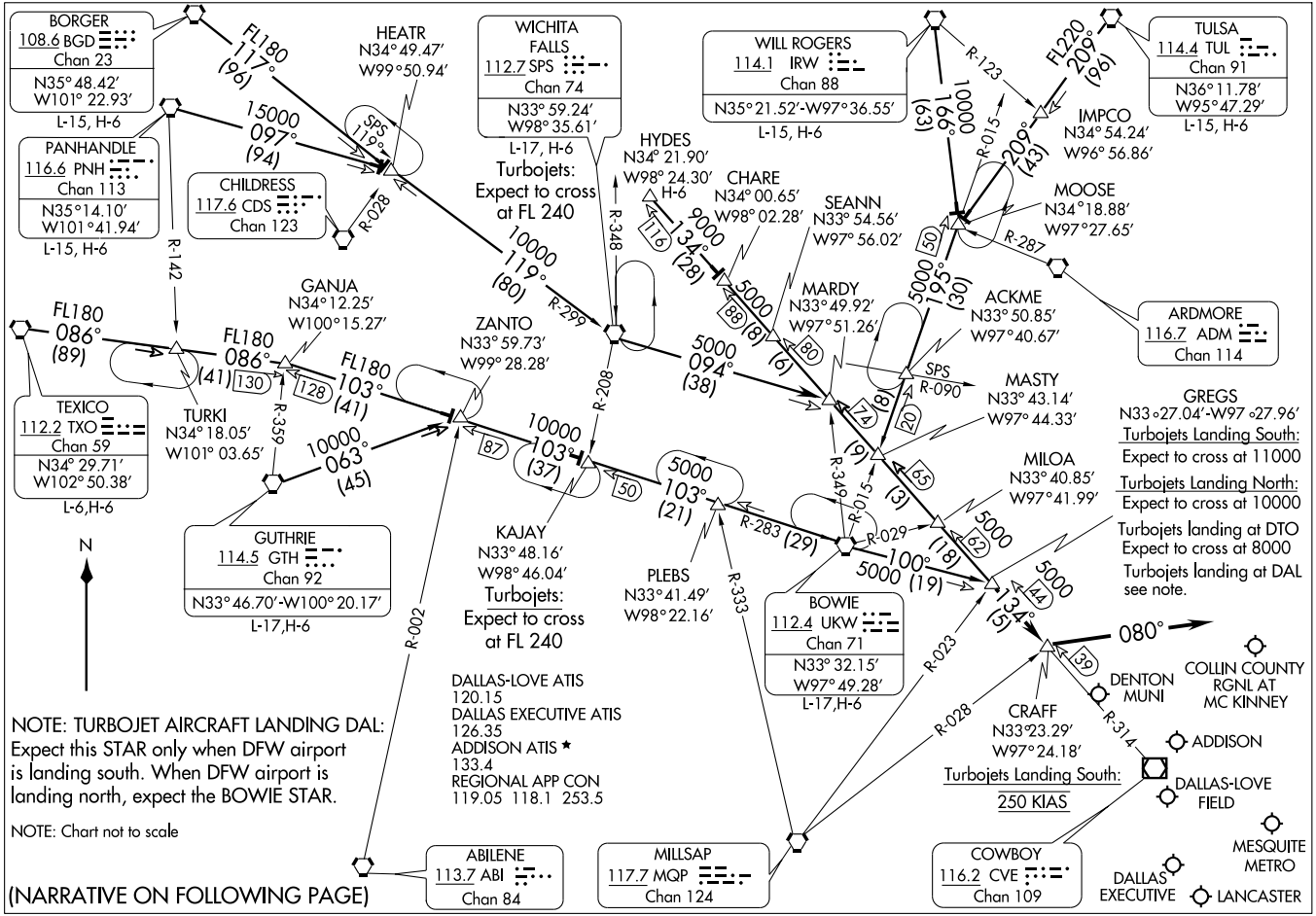
LANCASTER, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

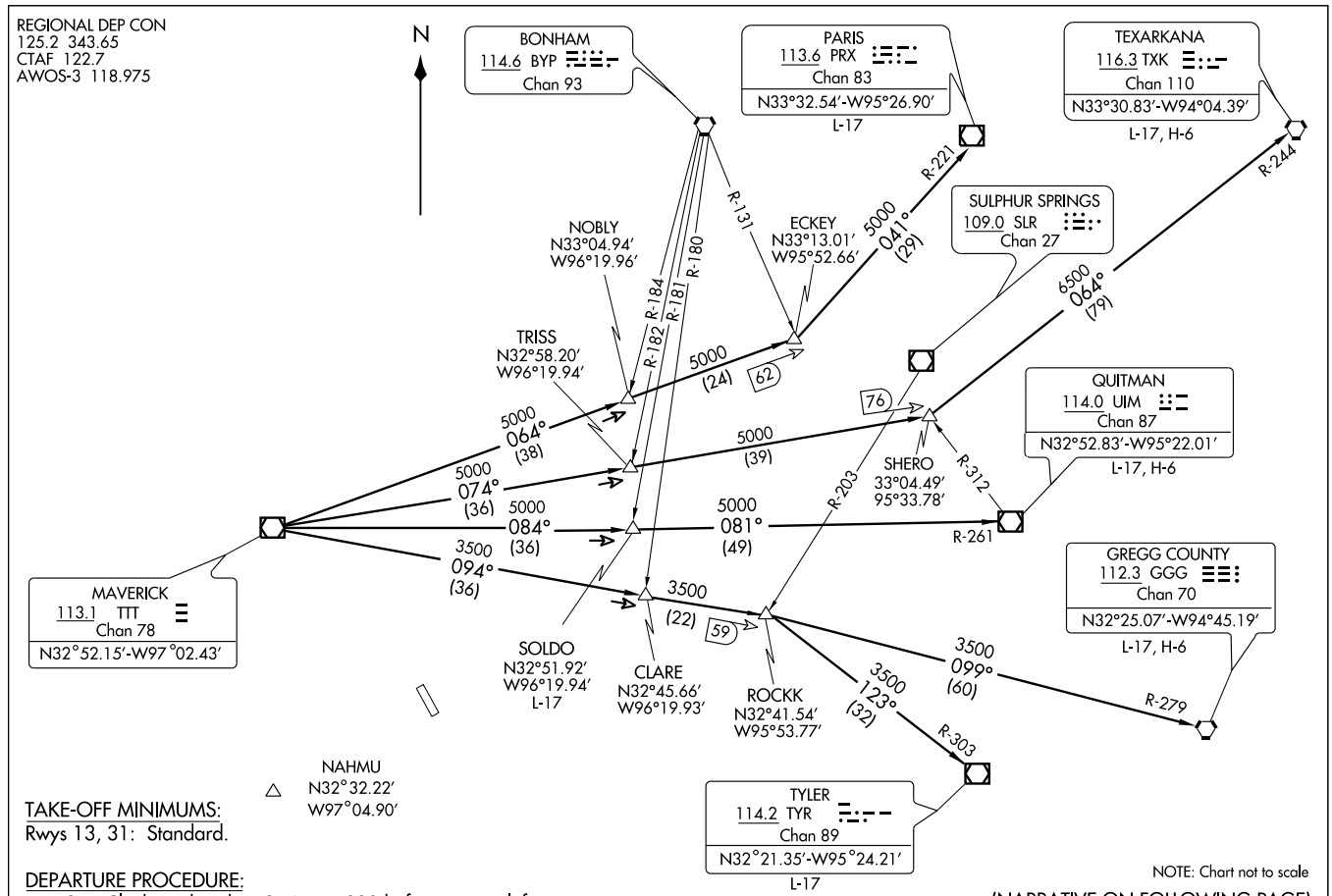
. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE (HUBB6.111) 07298

SL-5936 (FAA)

LANCASTER (LNC)
LANCASTER, TEXAS



TAKE-OFF MINIMUMS:
Rwys 13, 31: Standard.

DEPARTURE PROCEDURE:
Rwy 31: Climb via heading 314° to 1900 before turning left.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 31:
Multiple trees beginning 1,133' from departure end of runway, 479' left of centerline, up to 40' AGL/541' MSL.
Trees 886' from departure end of runway, 637' right of centerline, 35' AGL/536' MSL.
Multiple poles beginning 5,613' from departure end of runway, 1,171' right of centerline, up to 101' AGL/661' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

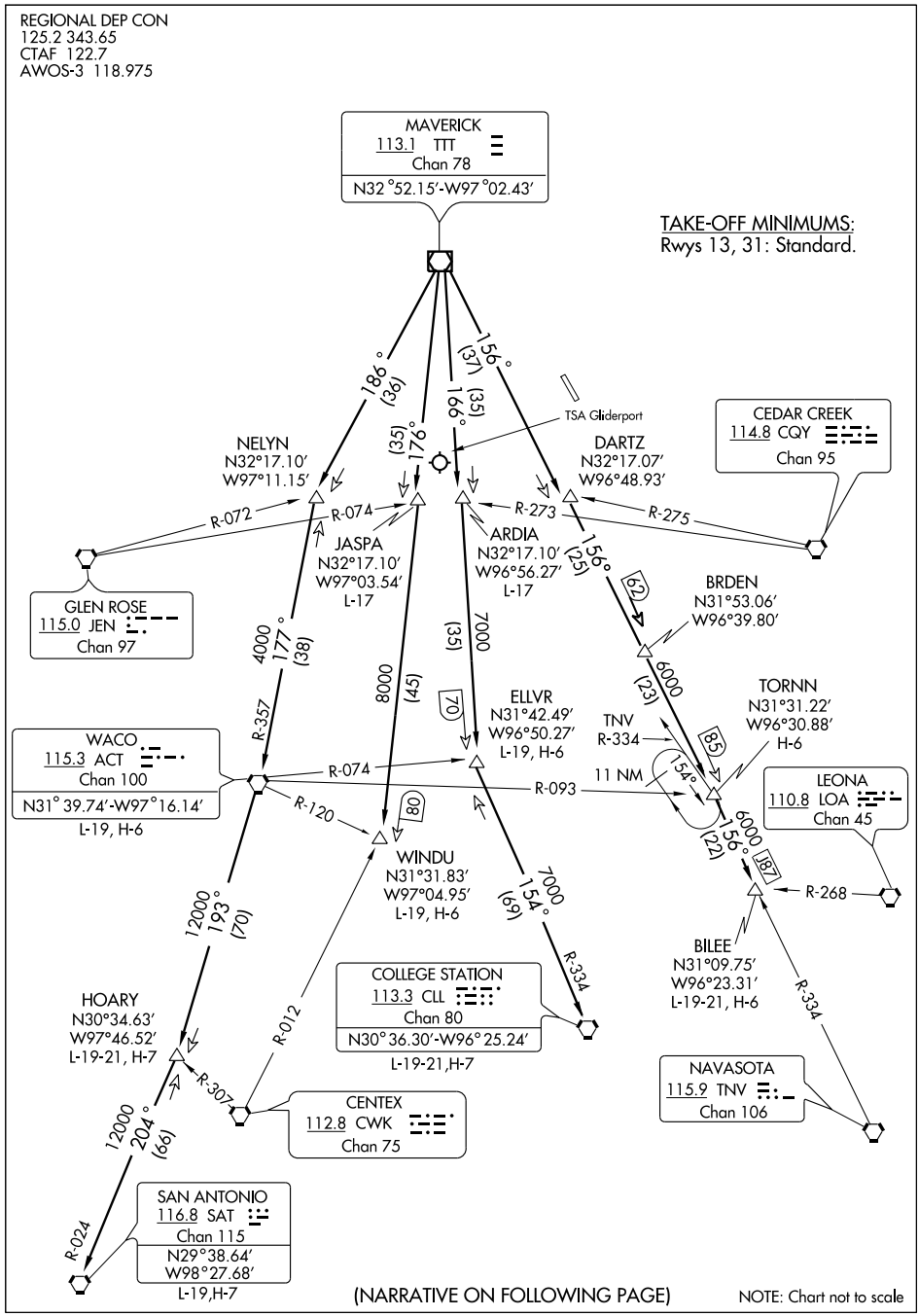
(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

SL-5936 (FAA)

LANCASTER (LNC)
LANCASTER, TEXAS

REGIONAL DEP CON
125.2 343.65
CTAF 122.7
AWOS-3 118.975



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.
BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.
BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.
COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.
ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.
HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.
JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.
SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.
TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.
WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.
WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-5936 (FAA)

REGIONAL DEP CON
125.2 343.65
CTAF 122.7
AWOS-3 118.975

TAKE-OFF OBSTACLES:
Note: Rwy 31, Multiple trees beginning 1133′ from DER, 479′ left of centerline, up to 40′ AGL/541′ MSL. Trees 886′ from DER, 637′ right of centerline, 35′ AGL/536′ MSL. Multiple poles beginning 5613′ from DER, 1171′ right of centerline, up to 101′ AGL/661′ MSL.

N

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24′-W98°35.61′
L-17, H-6

R-148 (25) V568

KARYN
N33°35.82′
W98°24.42′

R-271

BOWIE
112.4 UKW
Chan 71

R-146

GUTHRIE
114.5 GTH
Chan 92
N33°46.70′
W100°20.17′
L-17, H-6

6000 326° (63) V18

4000 328° (22)

R-225

R-165

FERRA
N33° 05.47′
W97°44.00′

RANGER
115.7 FUZ
Chan 104
N32°53.37′
W97°10.77′

MUZZO
N33°15.10′
W98°14.61′

65

34

4000 (27)

2300 285° (37)

CEOLA
N32°51.98′
W97°44.00′

2100 274° (7)

MAVERICK
113.1 TTT
Chan 78
N32°52.15′-W97°02.43′

RUWLO
N32°47.28′
W99°07.77′

R-330

2500 261° (28)

2800 250° (36)

8000 (71)

99

8000 265° V18

BEKLE
N32°49.27′
W99°49.92′

93 (36)

R-265

4000 261° (13)

R-081

PODDE
N32°43.58′
W97°44.00′
L-17

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57′
W97°59.85′
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwy 13, standard.
Rwy 21, 200-1 1/2 or standard with minimum climb of 222′ per NM to 800′.
DEPARTURE PROCEDURES:
Rwy 31 Climb heading 314° to 1900′ before turning left.

NOTE: Chart not to scale

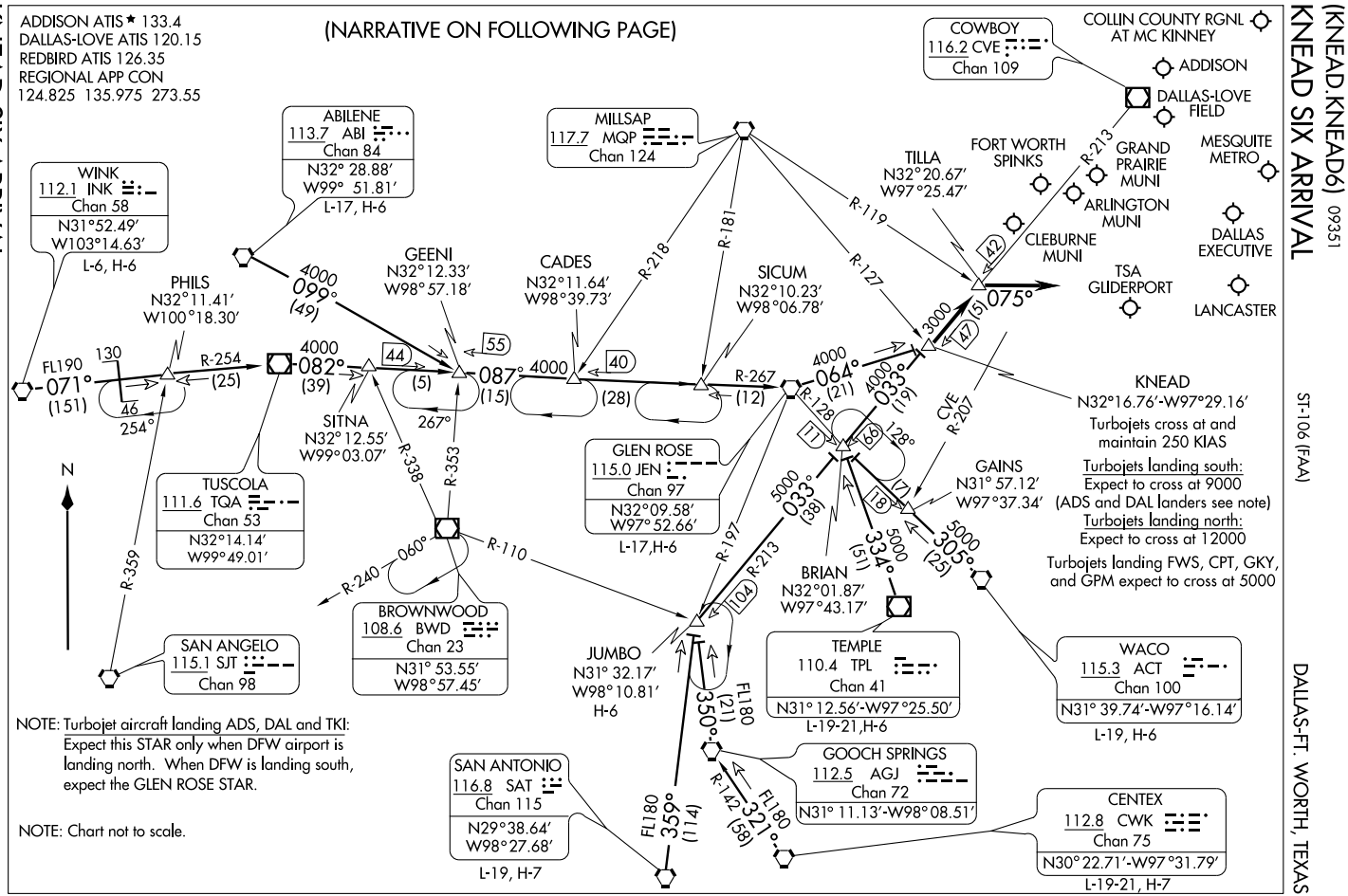
NOTE: For all aircraft requesting 17,000′ and below.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

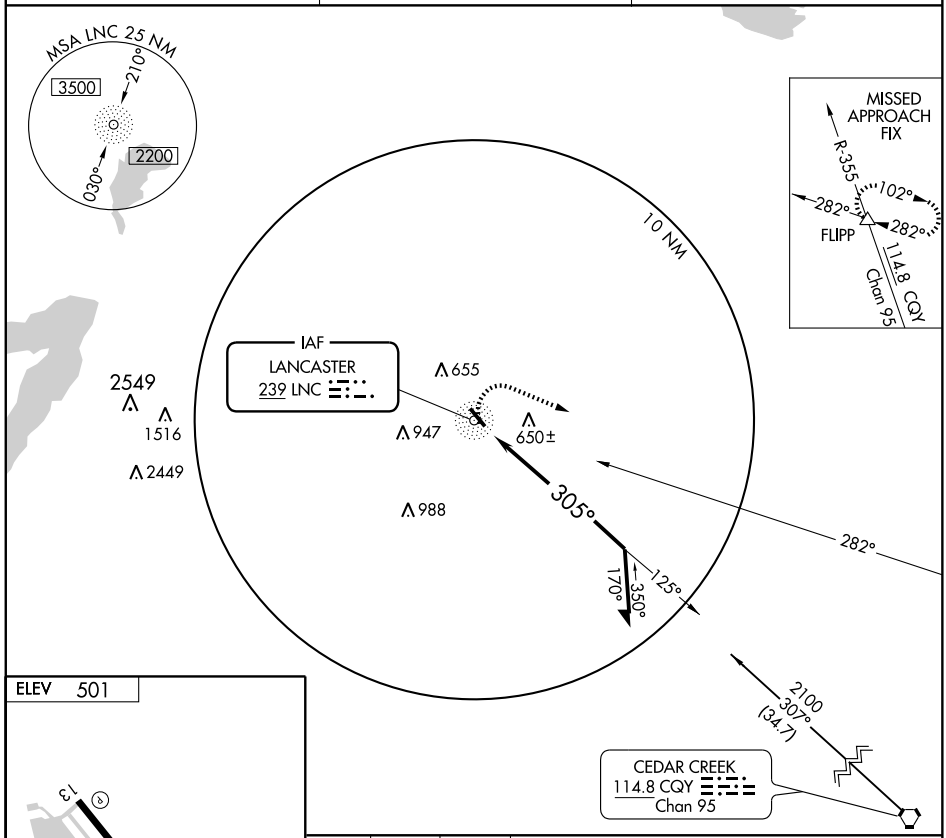
NDB LNC	APP CRS	Rwy Idg	4999
239	305°	TDZE	492
		Apt Elev	501

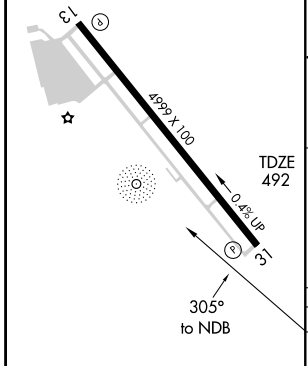
NDB RWY 31
LANCASTER (LNC)

If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDA's 60 feet.

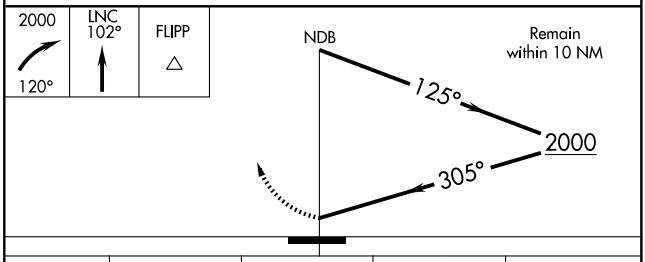
MISSED APPROACH: Climbing right turn to 2000 via heading 120° and 102° bearing from LNC NDB to FLIPP Int and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.975	125.2 343.65	122.7 (CTAF)





REIL Rwy 31
MIRL Rwy 13-31



CATEGORY	A	B	C	D
S-31	1080-1	588 (600-1)	NA	
CIRCLING	1080-1	579 (600-1)	NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4999
Chan 97305	314°	TDZE	492
W31A		Apt Elev	501

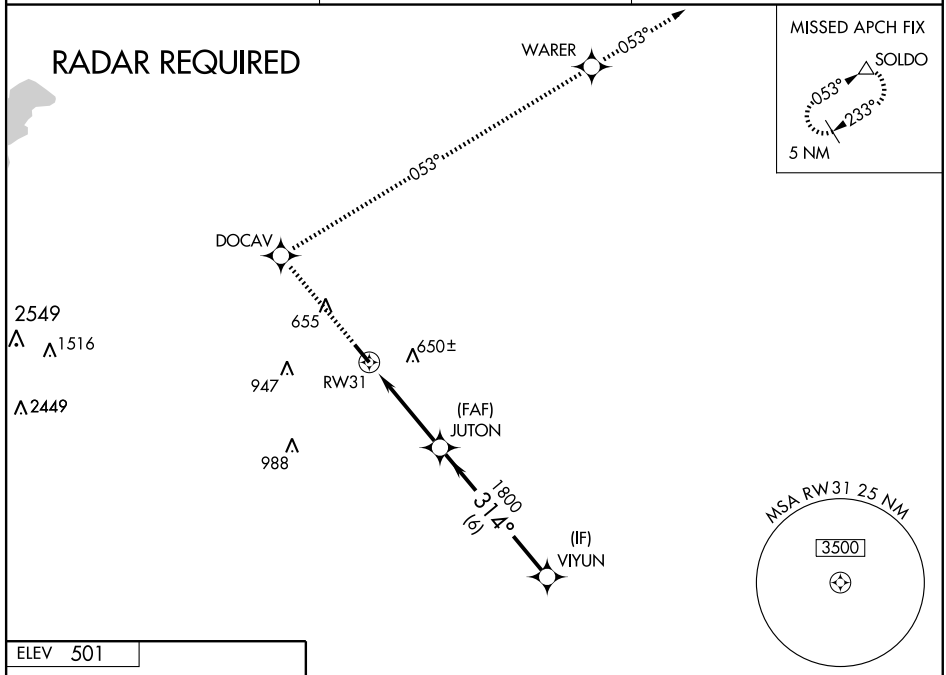
RNAV (GPS) RWY 31
LANCASTER (LNC)

If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all DAs/MDAs 60 feet. VDP and Baro-VNAV NA when using Dallas-Love Field altimeter setting. Baro-VNAV NA below -16°C (4°F). DME/DME RNP-0.3 NA.

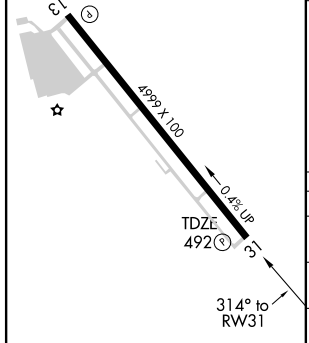
MISSED APPROACH: Climb to 2000 direct DOCAV and turn right via 053° track to WARER, then climb to 3000 via 053° track to SOLDO and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.975	125.2 343.65	122.7 (CTAF)

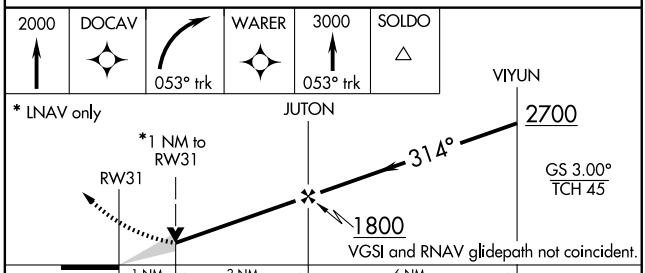
RADAR REQUIRED



ELEV 501



REIL Rwy 31
MIRL Rwy 13-31



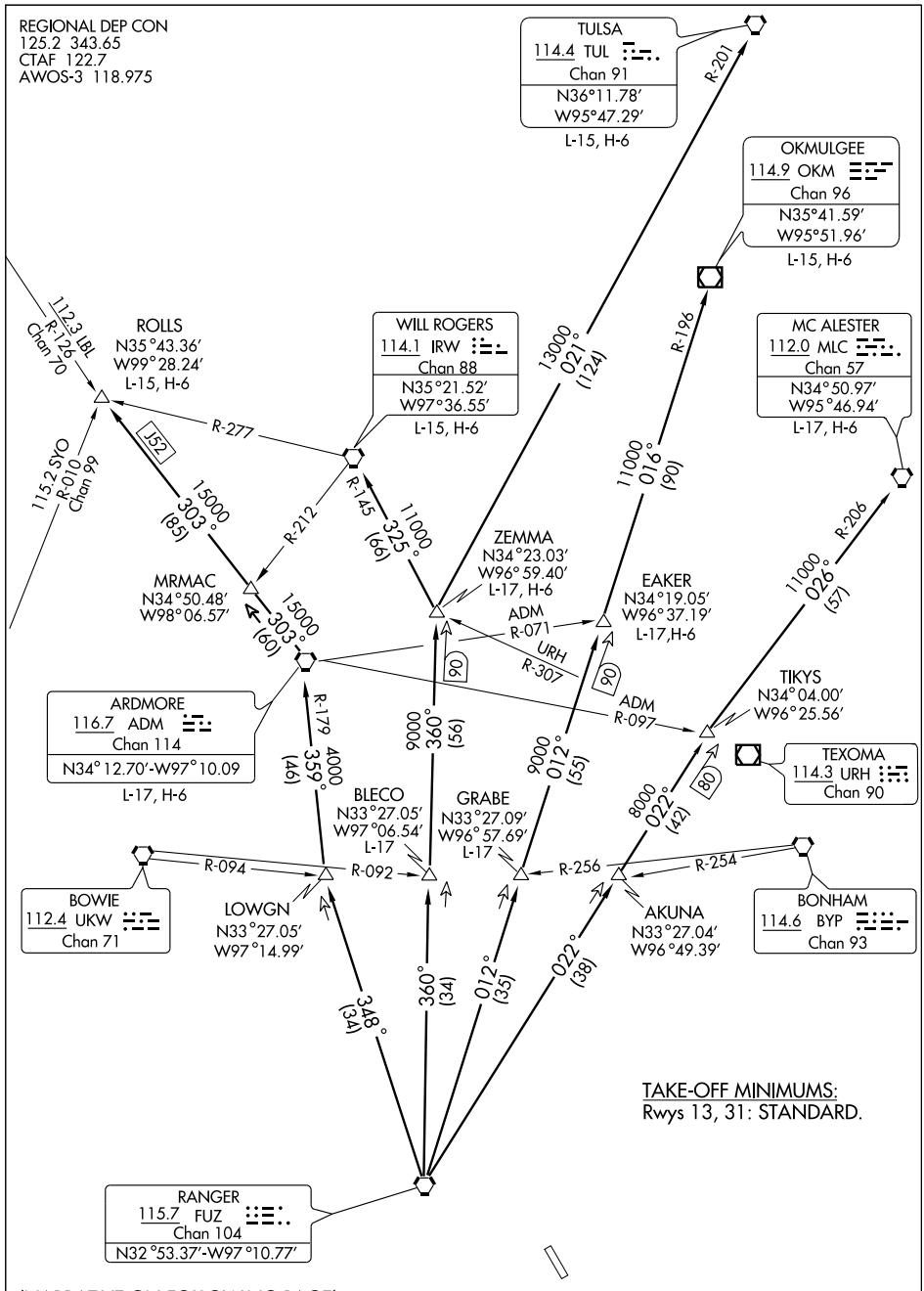
CATEGORY	A	B	C	D
LPV DA	750-1 258 (300-1)		NA	
LNAV/VNAV DA	820-1¼ 328 (400-1¼)		NA	
LNAV MDA	840-1 348 (400-1)		NA	
CIRCLING	980-1¼ 479 (500-1¼)		NA	

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-5936 (FAA)

REGIONAL DEP CON
125.2 343.65
CTAF 122.7
AWOS-3 118.975



TAKE-OFF MINIMUMS:
Rwys 13, 31: STANDARD.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

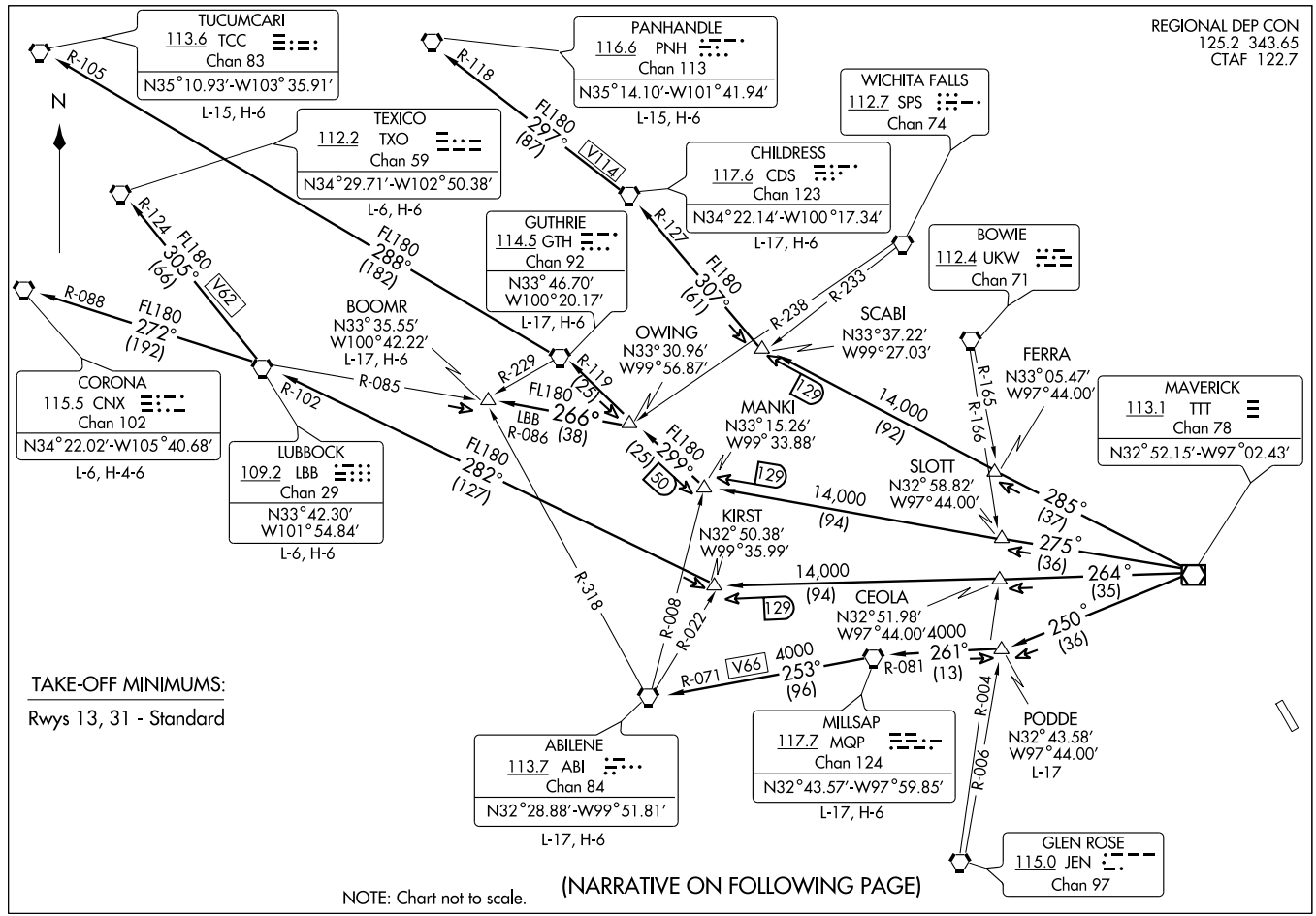
ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010


TUCUMCARI
113.6 TCC
Chan 83
N35°10.93'-W103°35.91'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35°14.10'-W101°41.94'
L-15, H-6
WICHITA FALLS
112.7 SPS
Chan 74
TEXICO
112.2 TXO
Chan 59
N34°29.71'-W102°50.38'
L-6, H-6
CHILDRESS
117.6 CDS
Chan 123
N34°22.14'-W100°17.34'
L-17, H-6
GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6
BOWIE
112.4 UKW
Chan 71
BOOMR
N33°35.55'
W100°42.22'
L-17, H-6
OWING
N33°30.96'
W99°56.87'
SCABI
N33°37.22'
W99°27.03'
FERRA
N33°05.47'
W97°44.00'
CORONA
115.5 CNX
Chan 102
N34°22.02'-W105°40.68'
L-6, H-4-6
MANKI
N33°15.26'
W99°33.88'
MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'
LUBBOCK
109.2 LBB
Chan 29
N33°42.30'
W101°54.84'
L-6, H-6
SLOTT
N32°58.82'
W97°44.00'
KIRST
N32°50.38'
W99°35.99'
CEOLA
N32°51.98'
W97°44.00'
ABILENE
113.7 ABI
Chan 84
N32°28.88'-W99°51.81'
L-17, H-6
MILLSAP
117.7 MQP
Chan 124
N32°43.57'-W97°59.85'
L-17, H-6
PODDE
N32°43.58'
W97°44.00'
L-17
GLEN ROSE
115.0 JEN
Chan 97
REGIONAL DEP CON
125.2 343.65
CTAF 122.7
TAKE-OFF MINIMUMS:
Rwys 13, 31 - Standard
NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)
WORTH FIVE DEPARTURE
(FWORTH5.FTW) 08269
SL-5936 (FAA)
LANCASTER (LNC)
LANCASTER, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010

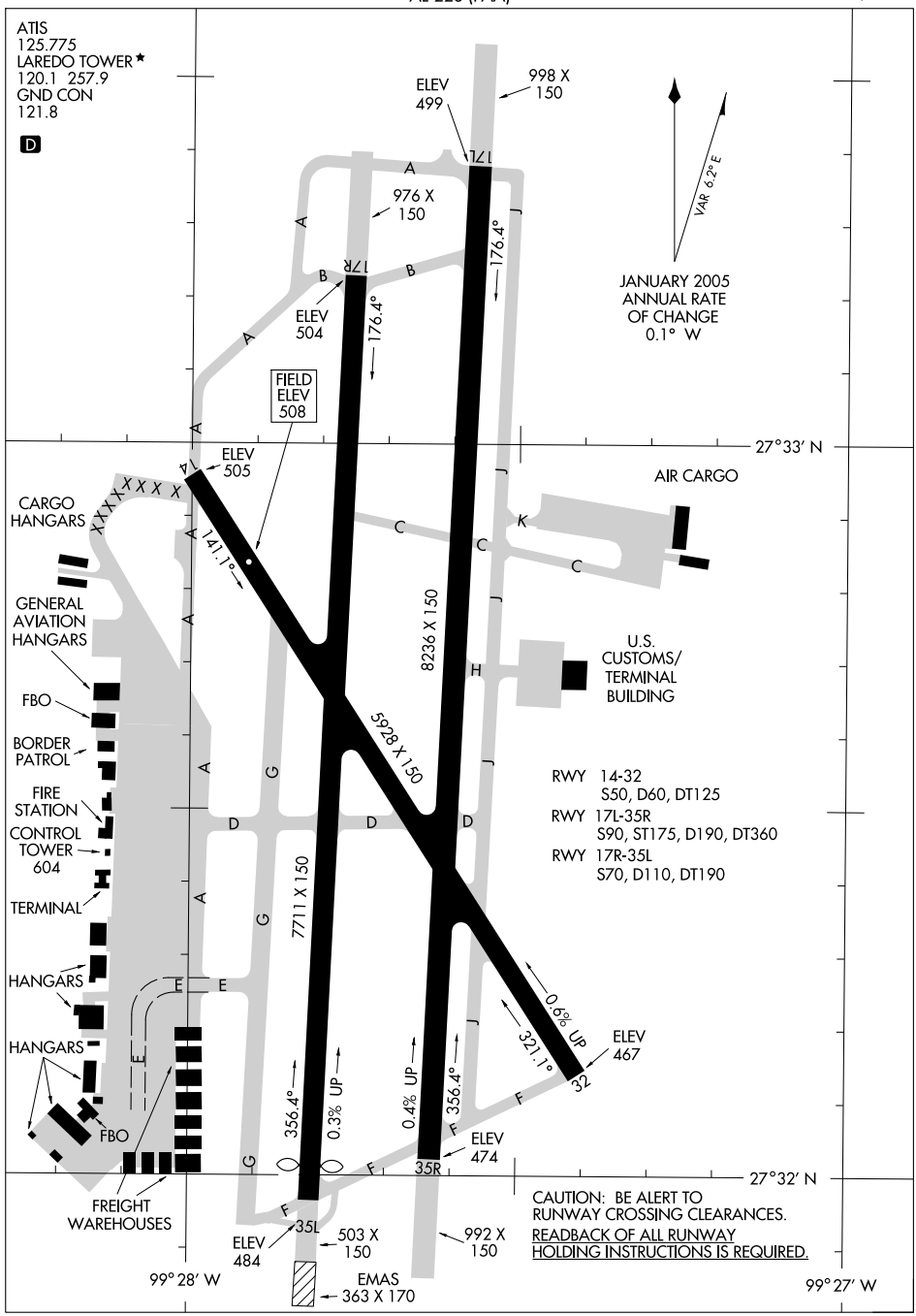
09351

AIRPORT DIAGRAM

AL-226 (FAA)

LAREDO INTL (LRD)

LAREDO, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LRD	APP CRS	Rwy Idg	7711
111.9	175°	TDZE	504
Chan 56		Apt Elev	508

ILS or LOC/DME RWY 17R

LAREDO INTL (LRD)

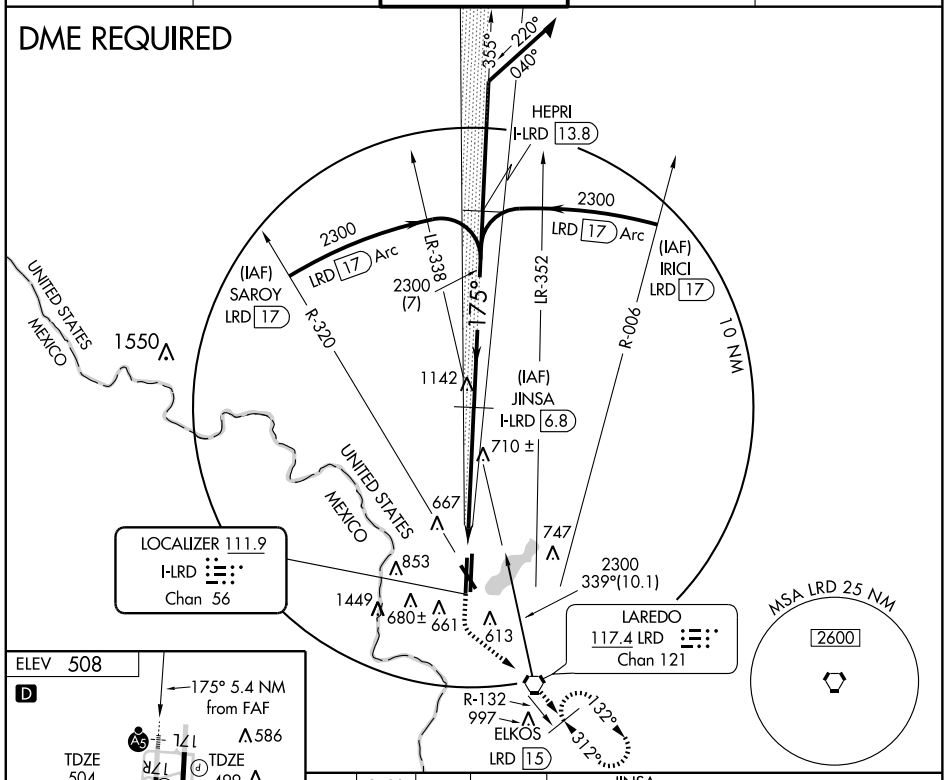
Circling NA west of Rwys 14 and 35L.
For inoperative MALSR, increase S-ILS CAT E visibility to ¾ , and S-LOC CAT E to 1¾ .

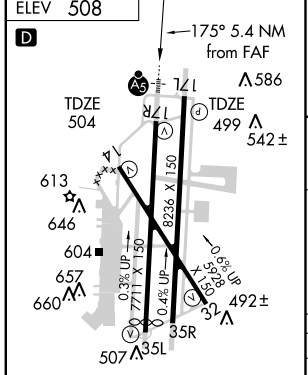
MALSR

MISSED APPROACH: Climb to 1200 then climbing left turn to 2500 direct LRD VORTAC and LRD R-132 to ELKOS/LRD 15 DME and hold.

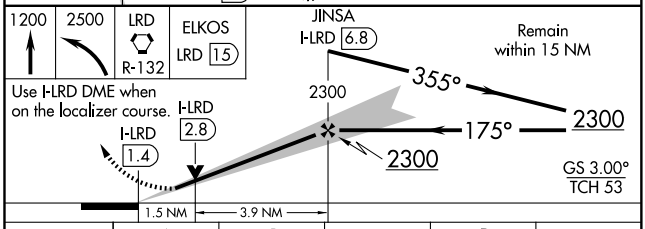
ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95

DME REQUIRED





MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D	E
S-ILS 17R	704-½ 200 (200-½)				
S-LOC 17R	1020-½ 516 (600-½)		1020-1 516 (600-1)	1020-1¼ 516 (600-1¼)	
SIDESTEP 17L	1020-1 521 (600-1)		1020-1½ 521 (600-1½)	1020-2 521 (600-2)	
CIRCLING	1020-1 512 (600-1)		1020-1½ 512 (600-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-LRD	APP CRS	Rwy Idg	7591
111.9	355°	TDZE	497
Chan 56		Apt Elev	508

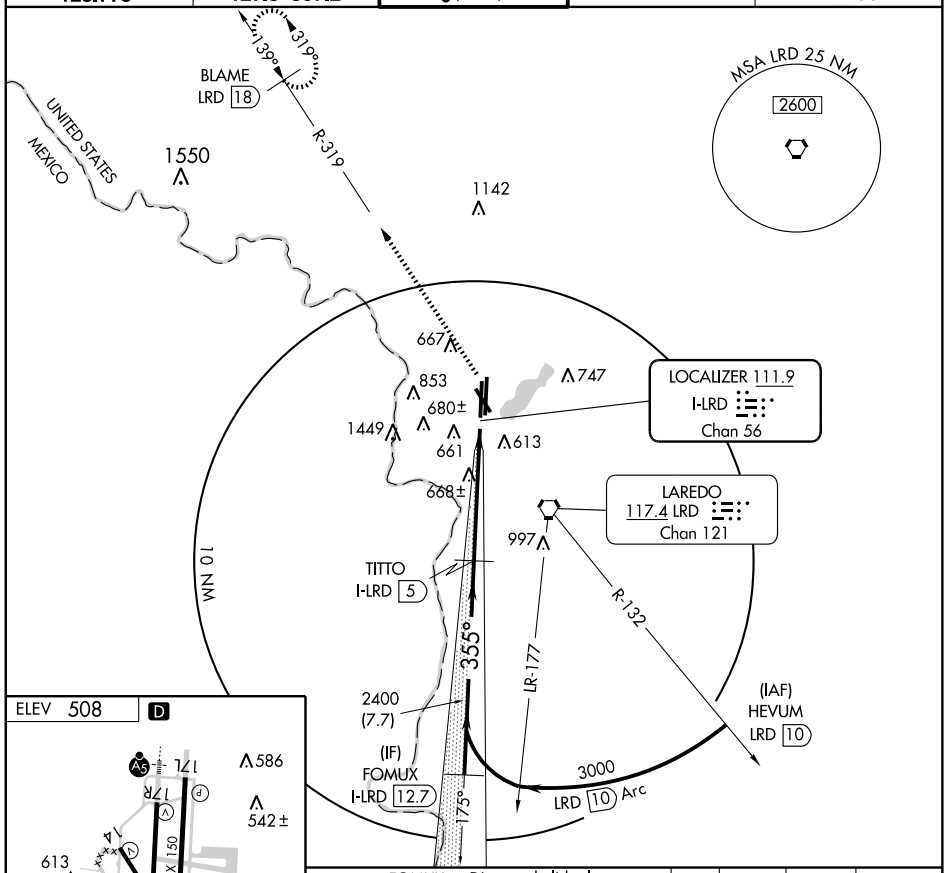
LOC/DME BC RWY 35L

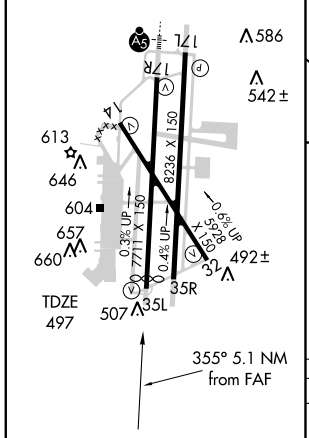
LAREDO INTL (LRD)

Circling NA west of Rwys 14 and 35L.

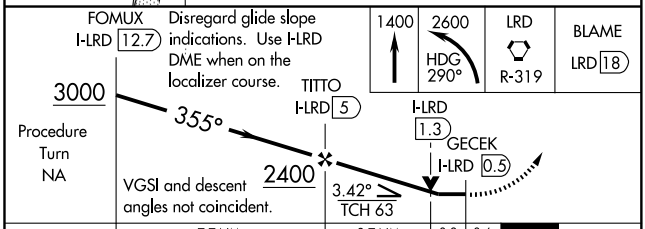
MISSED APPROACH: Climb to 1400, then climbing left turn to 2600 via heading 290° and LRD VORTAC R-319 to BLAME/LRD 18 DME and hold.

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95





MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D	E
S-35L	980-1	483 (500-1)	980-1¼ 483 (500-1¼)	980-1½ 483 (500-1½)	980-1¾ 483 (500-1¾)
CIRCLING	980-1	472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

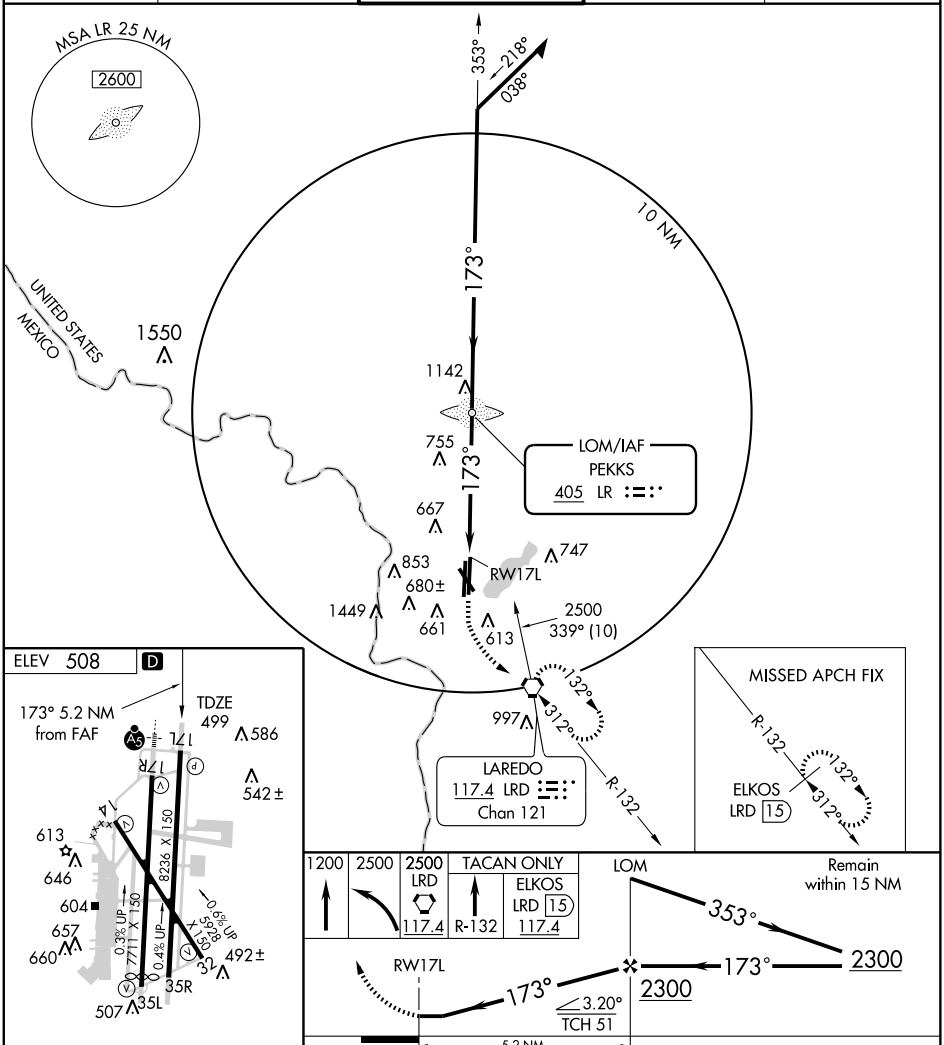
LOM LR	APP CRS	Rwy Idg	8236
405	173°	TDZE	499
		Apt Elev	508

NDB RWY 17L
LAREDO INTL (LRD)

Circling not authorized west of Rwys 14 and 35L.

MISSED APPROACH: Climb to 1200 then climbing left turn to 2500 direct LRD VORTAC and hold, continue climb-in-hold to 2500. (TACAN aircraft continue via LRD R-132 to ELKOS/LRD 15 DME and hold SE, right turn, 312° inbound.)

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (L) (CTAF) 257.9	121.8	122.95



MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D	E
S-17L	1060-1	561 (600-1)	1060-1½ 561 (600-1½)	1060-1¾ 561 (600-1¾)	1060-2 561 (600-2)
CIRCLING	1060-1	552 (600-1)	1060-1½ 552 (600-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

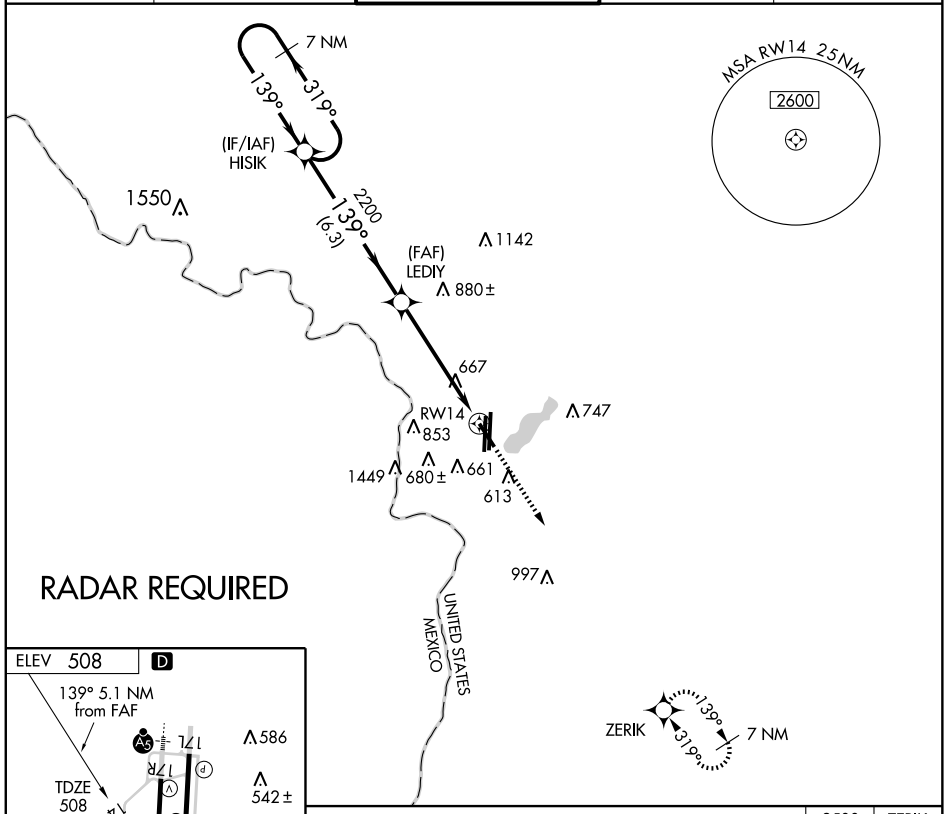
APP CRS	Rwy Idg	5928
139°	TDZE	508
	Apt Elev	508

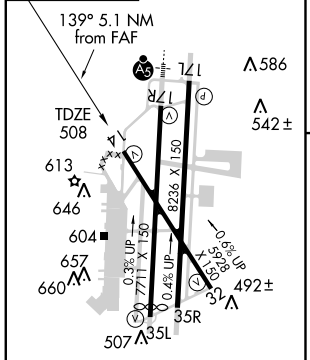
RNAV (GPS) RWY 14
LAREDO INTL (LRD)

DME/DME RNP-0.3 NA. Circling not authorized west of Rwys 14 and 35L.

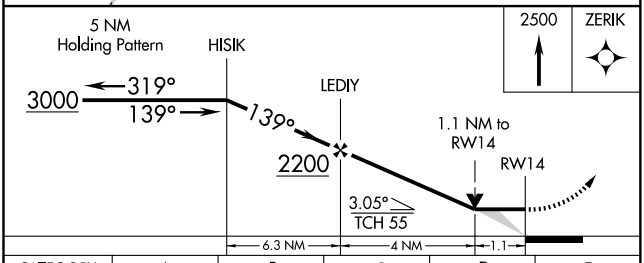
MISSED APPROACH: Climb to 2500 direct ZERIK and hold.

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (L) (CTAF) 257.9	121.8	122.95





MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D	E
LNAV MDA	920-1 412 (500-1)		920-1¼ 412 (500-1¼)		920-1½ 412 (500-1½)
CIRCLING	960-1 452 (500-1)	980-1 472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8236
Ch 77899	175°	TDZE	499
W17B		Apt Elev	508

RNAV (GPS) RWY 17L
LAREDO INTL (LRD)

T A W

DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F). Circling NA west of runways 14 and 35L.

MISSED APPROACH: Climb to 2500 direct YANGU and via 130° track to ELKOS and hold.

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95

Procedure NA for arrivals at KAHAN via V17 northbound.

5 NM
355°
175°
(IF/IAF) PUCIK
3000 NoPT
255° (6.5)
(IAF) KAHAN
2300
175° (6.8)
1550
1142
(FAF) HOLOV
710±
667
853
680±
1449
661
RW17L
747
613
YANGU
997
MSA RW17L 25 NM
2600

MISSED APCH FIX
133°
313°
5 NM
ELKOS

ELEV 508
D
175° to RW17L
586
17L
17R
TDZE 499
542±
14
8236 X 150
613
646
604
657
660
0.3% UP
7711 X 150
0.4% UP
0.6% UP
5228 X 150
492±
35R
507
35L

2500	YANGU	130° TRK	ELKOS

* LNAV only
*1.3 NM to RW17L
HOLOV
175°
PUCIK
5 NM Holding Pattern
355°
175°
3000
RW17L
2300
GS 3.00°
TCH 51
1.3 NM
4.1 NM
6.8 NM

CATEGORY	A	B	C	D	E
LPV DA	749-¾ 250 (300-¾)				
LNAV/VNAV DA	954-1½ 455 (500-1½)				
LNAV MDA	960-1 461 (500-1)		960-1¼ 461 (500-1¼)	960-1½ 461 (500-1½)	960-1¾ 461 (500-1¾)
CIRCLING	960-1½ 452 (500-1½)	980-1½ 472 (500-1½)		1060-2 552 (600-2)	1240-2½ 732 (800-2½)

MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS Ch 82599 W17A	APP CRS 175°	Rwy Idg 7711 TDZE 504 Apt Elev 508

RNAV (GPS) RWY 17R

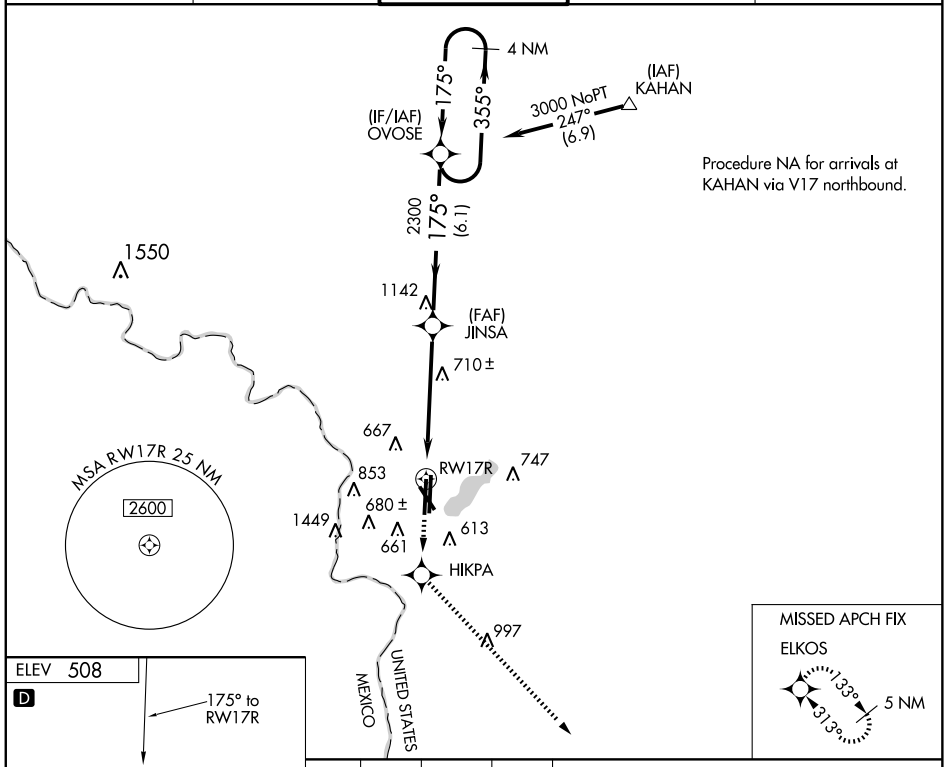
LAREDO INTL (LRD)

T DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F).
A For inoperative MALSR, increase LPV all Cats visibility to ¾, LNAV/VNAV Cat E visibility to 1½ mile, LNAV Cat E visibility to 1½ mile.
W Circling NA west of runways 14 and 35L.

MALSR

MISSED APPROACH: Climb to 2500 direct HIKPA and via 129° track to ELKOS and hold.

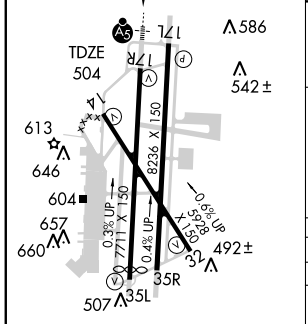
ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95



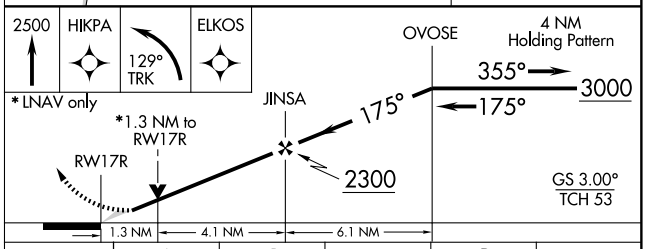
MISSED APCH FIX
ELKOS
133°
313°
5 NM

ELEV 508

D



MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R



CATEGORY	A	B	C	D	E
LPV DA	754-½ 250 (300-½)				
LNAV/ VNAV DA	953-1 449 (500-1)				
LNAV MDA	960-½ 456 (500-½)		960-¾ 456 (500-¾)	960-1 456 (500-1)	
CIRCLING	960-1½ 452 (500-1½)	980-1½ 472 (500-1½)		1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

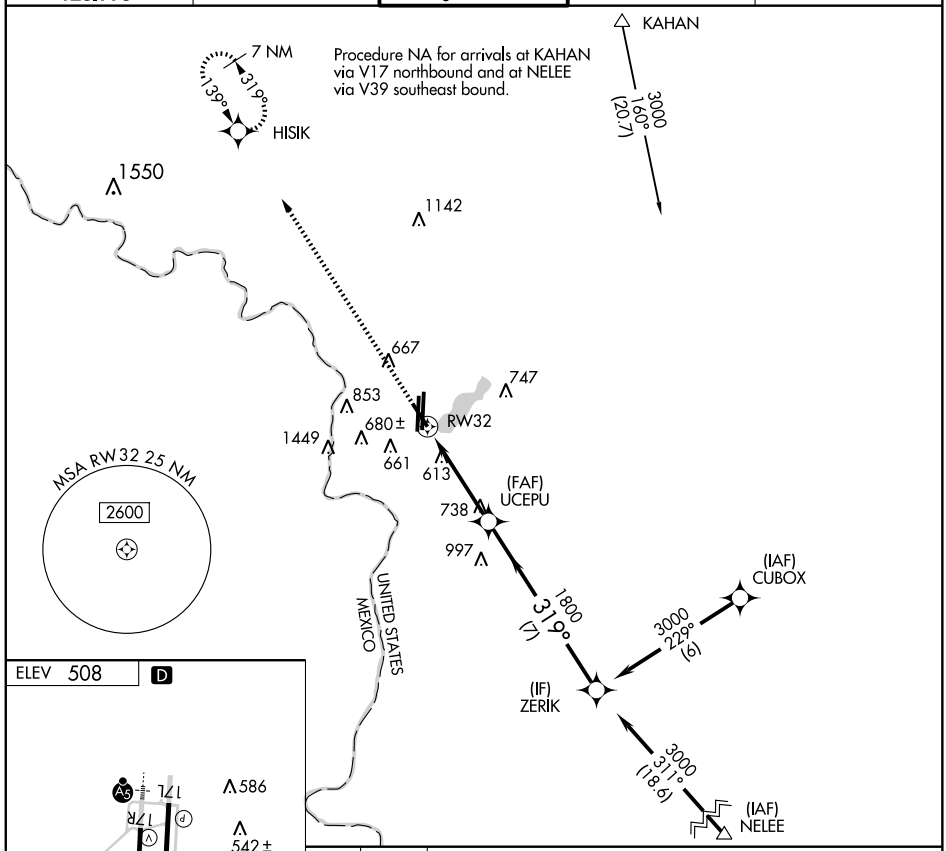
APP CRS	Rwy Idg	5928
319°	TDZE	494
	Apt Elev	508

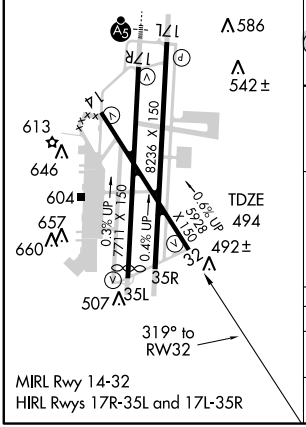
RNAV (GPS) RWY 32
LAREDO INTL (LRD)

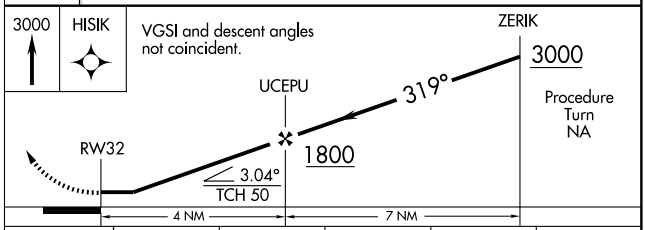
If local altimeter setting not received, use Hebbronville altimeter setting and increase all MDAs 120 feet. Circling NA west of Rwys 14 and 35L. DME/DME RNP-0.3 NA. Visiblity reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 direct HISIK and hold.

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95







CATEGORY	A	B	C	D	E
LNAV MDA	900-1 406 (400-1)		900-1¼ 406 (400-1¼)		900-1½ 406 (400-1½)
CIRCLING	960-1 452 (500-1)	980-1 472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

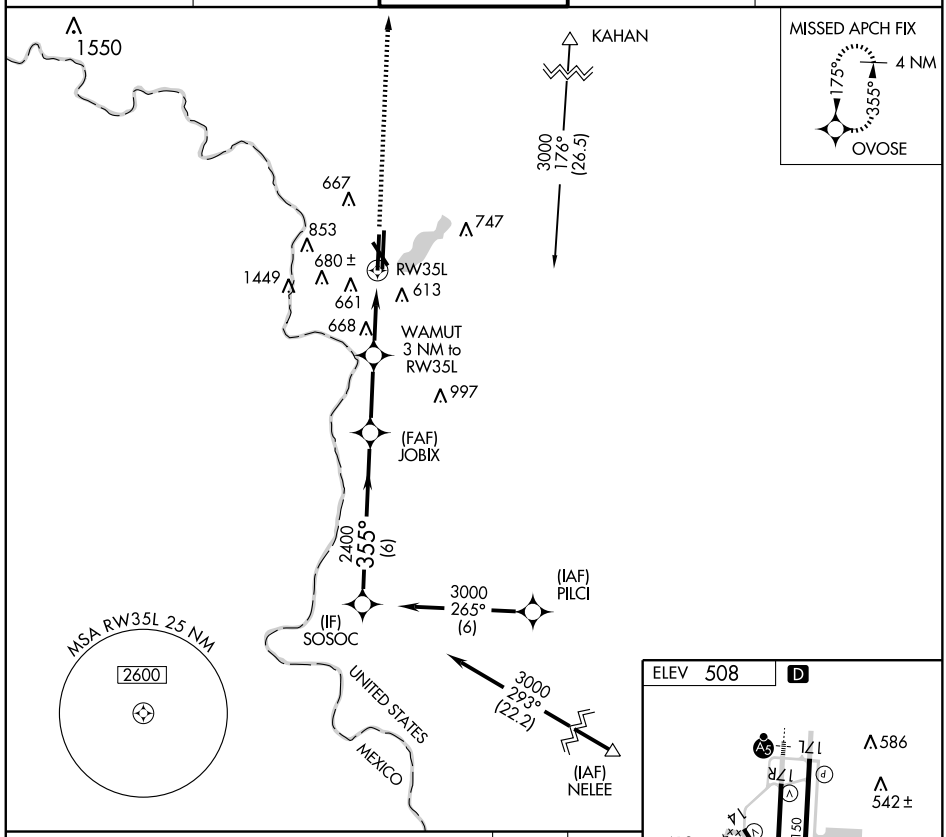
APP CRS	Rwy Idg	7591
355°	TDZE	497
	Apt Elev	508

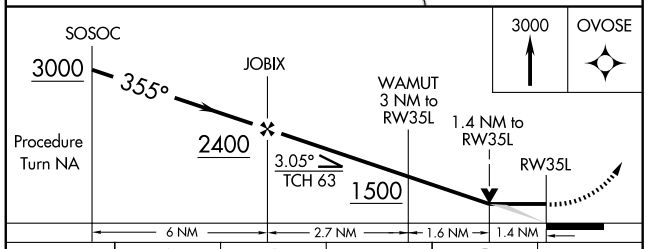
RNAV (GPS) RWY 35L
LAREDO INTL (LRD)

DME/DME RNP-0.3 NA.
Circling NA west of runways 14 and 35L.

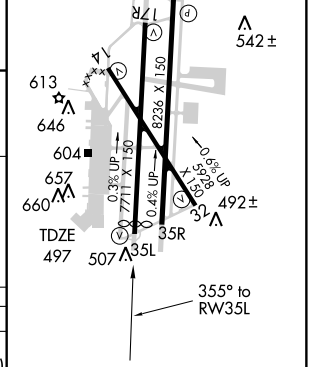
MISSED APPROACH: Climb to 3000 direct OVOSE and hold.

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95





CATEGORY	A	B	C	D	E
LNAV MDA	980-1	483 (500-1)	980-1¼ 483 (500-1¼)	980-1½ 483 (500-1½)	980-1¾ 483 (500-1¾)
CIRCLING	980-1	472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)



MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC LRD 117.4 Chan 121	APP CRS 139°	Rwy Idg 5928 TDZE 508 Apt Elev 508

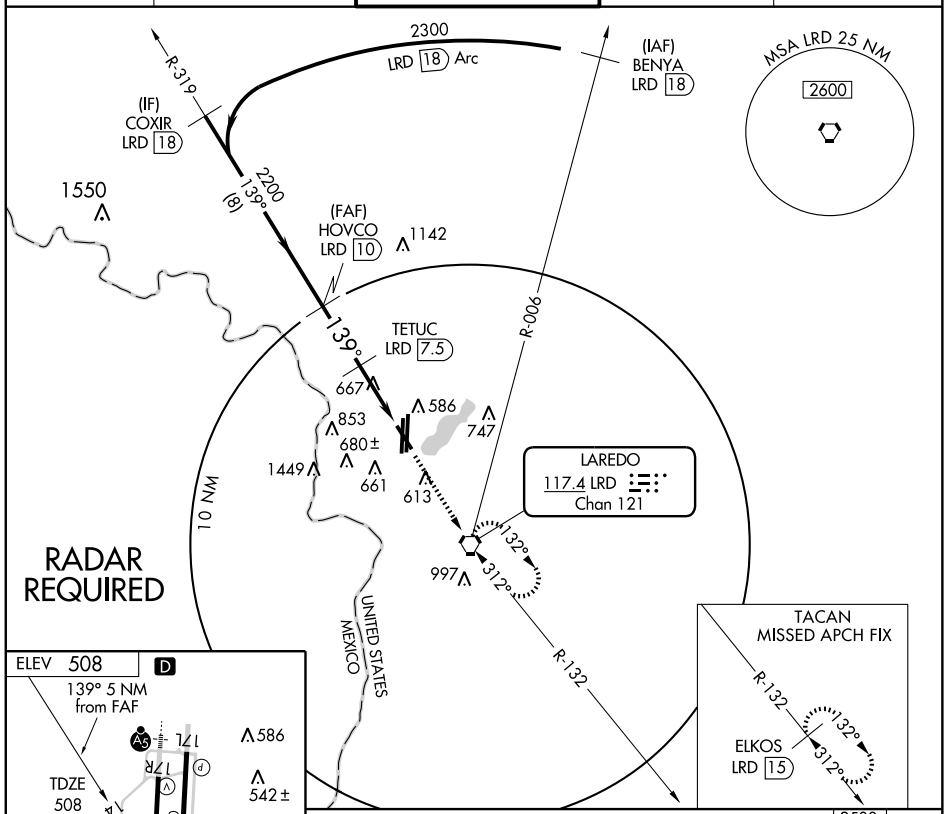
VOR/DME or TACAN RWY 14

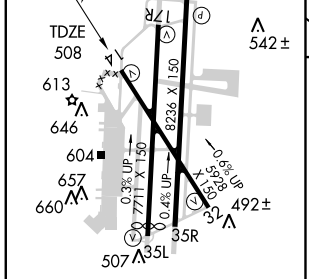
LAREDO INTL (LRD)

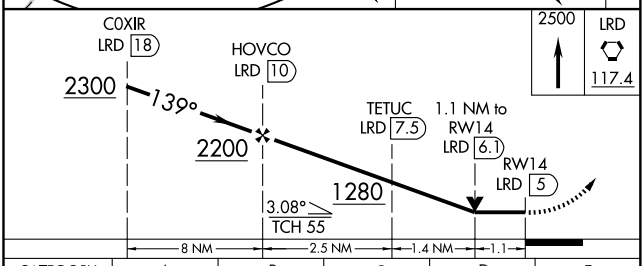
Circling not authorized west of Rwys 14 and 35L.

MISSED APPROACH: Climb to 2500 direct LRD VORTAC and hold, continue climb-in-hold to 2500. (TACAN aircraft continue via LRD R-132 to ELKOS/LRD 15 DME and hold SE, right turn, 312° inbound.)

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95







CATEGORY	A	B	C	D	E
S-14	920-1 412 (500-1)		920-1¼ 412 (500-1¼)		920-1½ 412 (500-1½)
CIRCLING	960-1 452 (500-1)	980-1 472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

MIRL Rwy 14-32
HIRL Rwys 17R-35L and 17L-35R

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC LRD 117.4 Chan 121	APP CRS 320°	Rwy Idg 5928 TDZE 494 Apt Elev 508

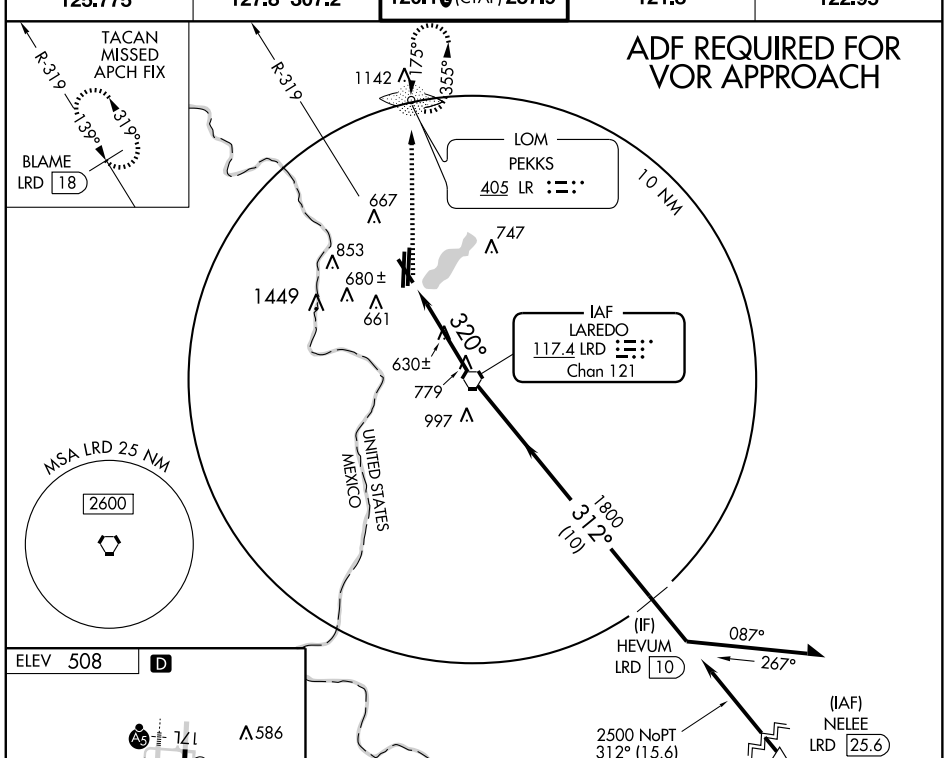
VOR or TACAN RWY 32

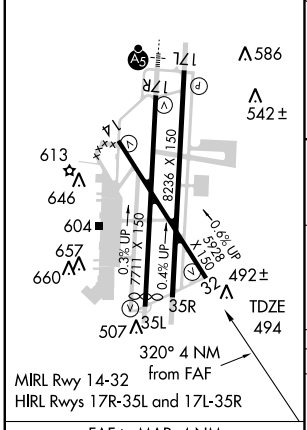
LAREDO INTL (LRD)

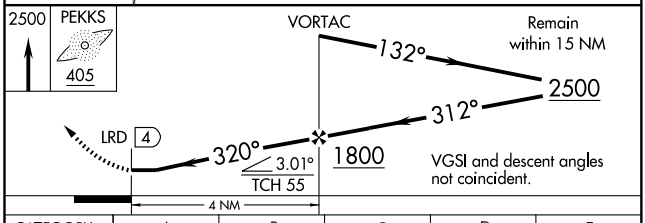
When local altimeter setting not received, use Hebbronville altimeter setting and increase all MDAs 120 feet, Cat C and E visibility ¼ mile, Cat D ½ mile and circling Cat D visibility ¼ mile and Cat E ½ mile. Circling NA west of Rwys 14 and 35L. Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 2500 direct LR NDB and hold. (TACAN aircraft climb to 2600 via LRD VORTAC R-319 to BLAME/18 DME and hold NW, left turn, 139° inbound.)

ATIS	HOUSTON CENTER	LAREDO TOWER ★	GND CON	UNICOM
125.775	127.8 307.2	120.1 (CTAF) 257.9	121.8	122.95







FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

CATEGORY	A	B	C	D	E
S-32	900-1 406 (400-1)		900-1¼ 406 (400-1¼)		900-1½ 406 (400-1½)
CIRCLING	960-1 452 (500-1)	980-1 472 (500-1)	980-1½ 472 (500-1½)	1060-2 552 (600-2)	1240-2½ 732 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6110
173°	TDZE	3508
	Apt Elev	3514

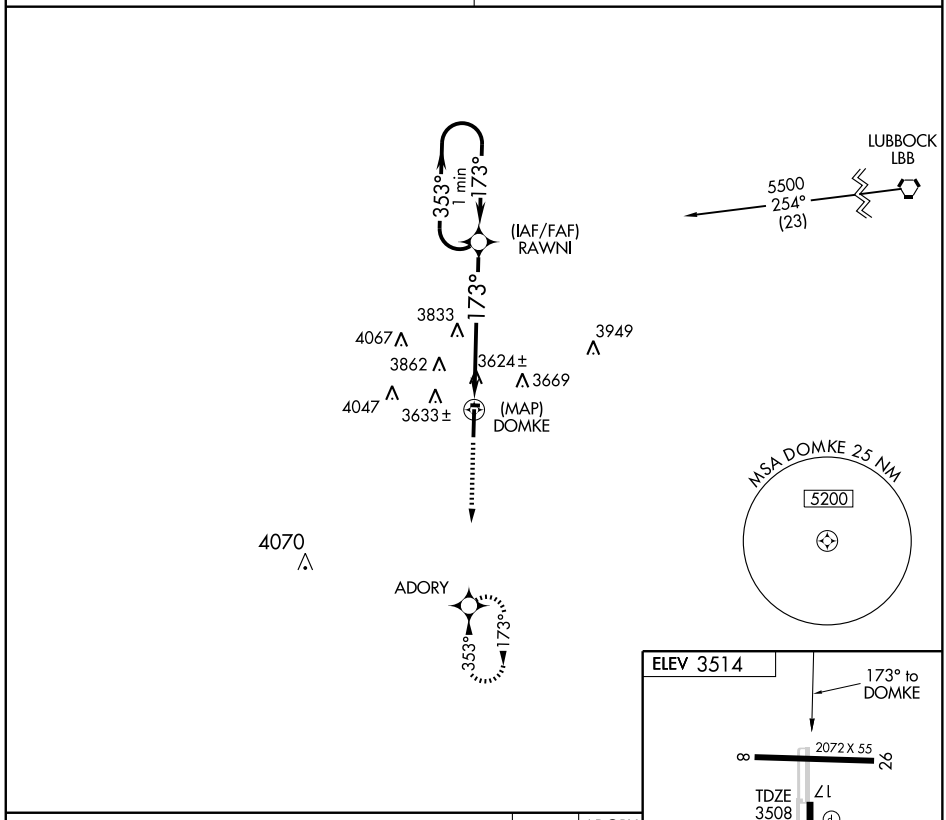
GPS RWY 17
LEVELLAND MUNI (LLN)

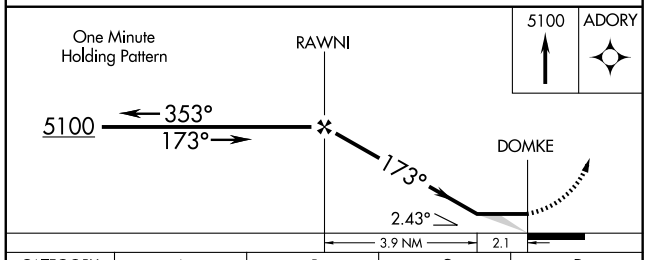
Use Lubbock Preston Smith Intl altimeter setting.

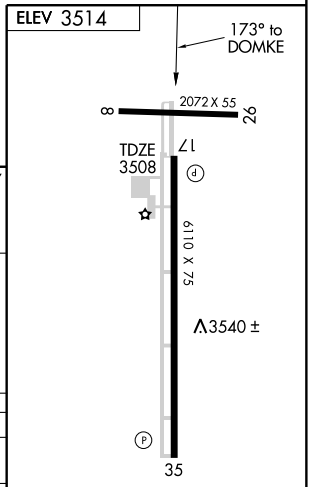
NA

MISSED APPROACH: Climb to 5100 direct ADORY WP and hold.

LUBBOCK APP CON	UNICOM
119.9 335.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	4240-1	732 (800-1)	4240-2 732 (800-2)	4240-2¼ 732 (800-2¼)
CIRCLING	4240-1	726 (800-1)	4320-2¼ 806 (900-2¼)	4320-2½ 806 (900-2½)

REIL Rwy 35
MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

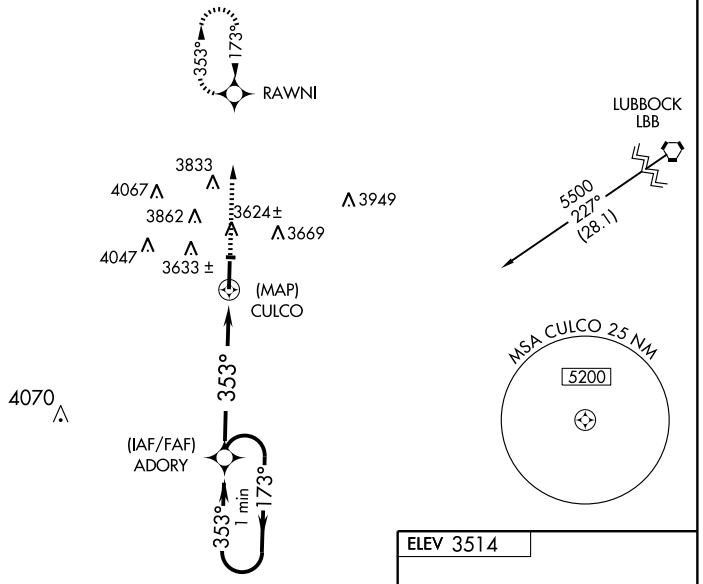
APP CRS	Rwy Idg	6110
353°	TDZE	3514
	Apt Elev	3514

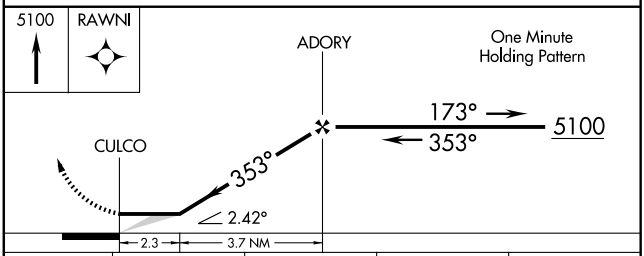
GPS RWY 35
LEVELLAND MUNI (LLN)

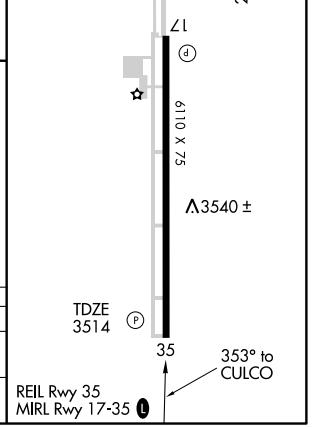
Use Lubbock Preston Smith Intl altimeter setting.
NA

MISSED APPROACH: Climb to 5100 direct RAWNI WP and hold.

LUBBOCK APP CON	UNICOM
119.9 335.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	3980-1	466 (500-1)	3980-1¼ 466 (500-1¼)	3980-1½ 466 (500-1½)
CIRCLING	4100-1	586 (600-1)	4320-2¼ 806 (900-2¼)	4320-2½ 806 (900-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB LLN	APP CRS	Rwy Idg	6110
266	185°	TDZE	3508
		Apt Elev	3514

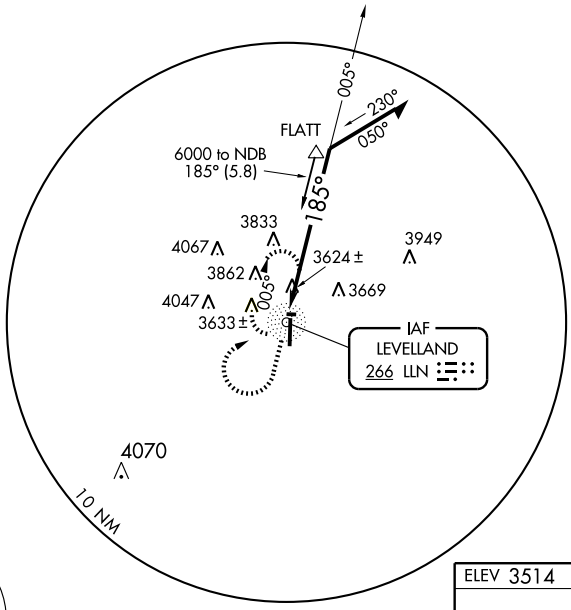
NDB RWY 17
LEVELLAND MUNI (LLN)

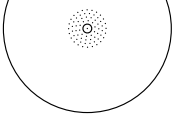
Use Lubbock Preston Smith Intl altimeter setting.

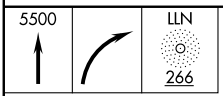
NA

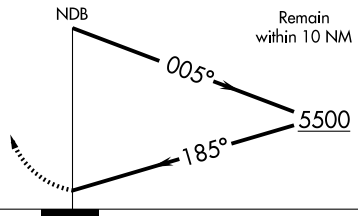
MISSED APPROACH: Climb to 5500 then right turn direct LLN NDB and hold.

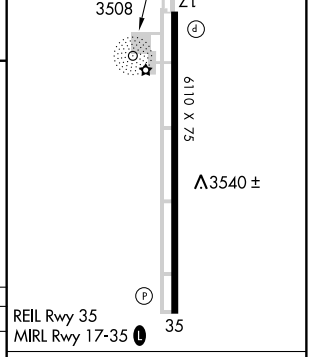
LUBBOCK APP CON	UNICOM
119.9 335.6	122.8 (CTAF) L











CATEGORY	A	B	C	D
S-17	4360-1 852 (900-1)	4360-1¼ 852 (900-1¼)	4360-2½ 852 (900-2½)	4360-2¾ 852 (900-2¾)
CIRCLING	4360-1 846 (900-1)	4360-1¼ 846 (900-1¼)	4360-2½ 846 (900-2½)	4360-2¾ 846 (900-2¾)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB LLN	APP CRS	Rwy Idg	6110
266	345°	TDZE	3514
		Apt Elev	3514

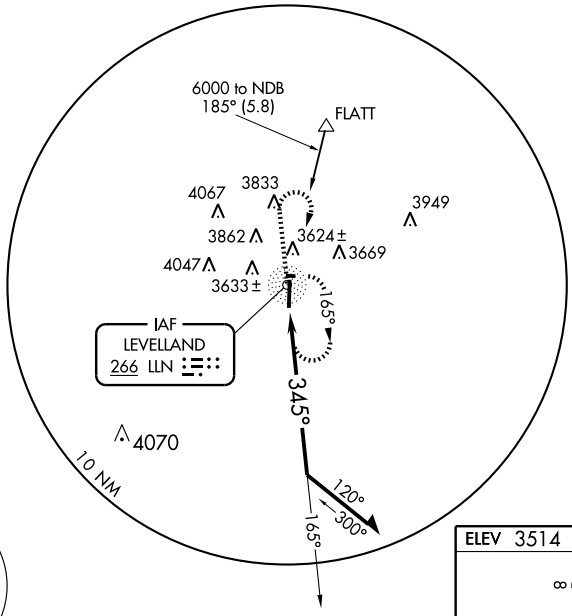
NDB RWY 35
LEVELLAND MUNI (LLN)

Use Lubbock Preston Smith Intl altimeter setting.

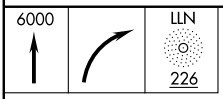
NA

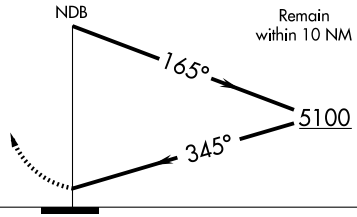
MISSED APPROACH: Climb to 6000, then right turn direct LLN NDB and hold.

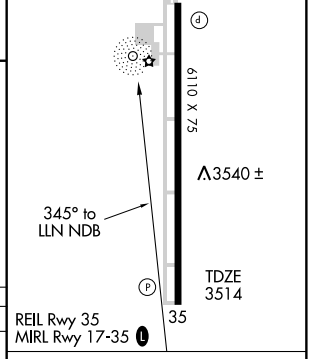
LUBBOCK APP CON	UNICOM
119.9 335.6	122.8 (CTAF) L











CATEGORY	A	B	C	D
S-35	4140-1	626 (700-1)	4140-1½ 626 (700-1½)	4140-1¾ 626 (700-1¾)
CIRCLING	4140-1	626 (700-1)	4320-2¼ 806 (900-2¼)	4320-2½ 806 (900-2½)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy ldg	3801
162°	TDZE	70
	Apt Elev	70

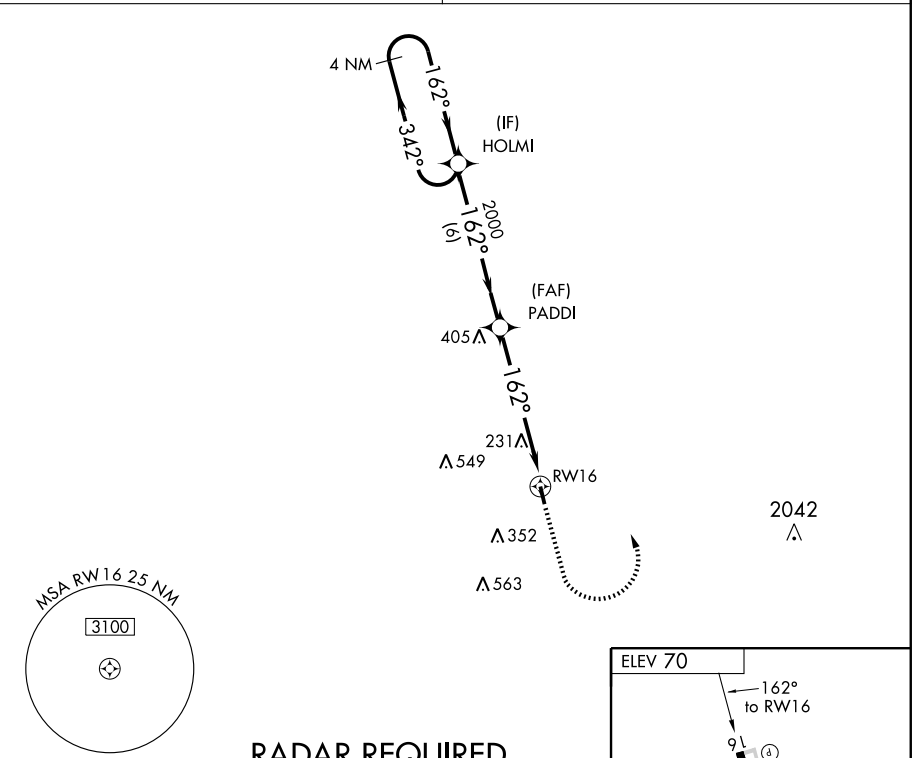
RNAV (GPS) RWY 16

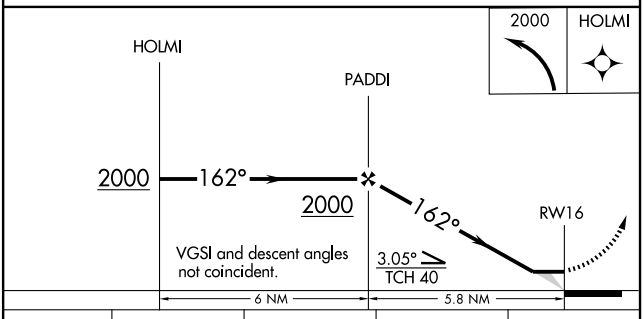
LIBERTY MUNI (T78)

Use George Bush Intercontinental/Houston altimeter setting. DME/DME RNP-0.3 NA.

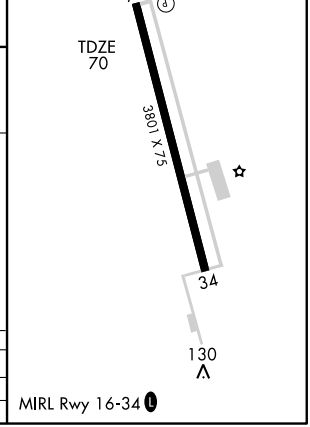
MISSED APPROACH: Climbing left turn to 2000 direct HOLMI and hold.

HOUSTON APP CON	CTAF
119.7 281.4	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	620-1	550 (600-1)	NA	
CIRCLING	620-1	550 (600-1)	NA	



SC-5, 17 DEC 2009 to 14 JAN 2010

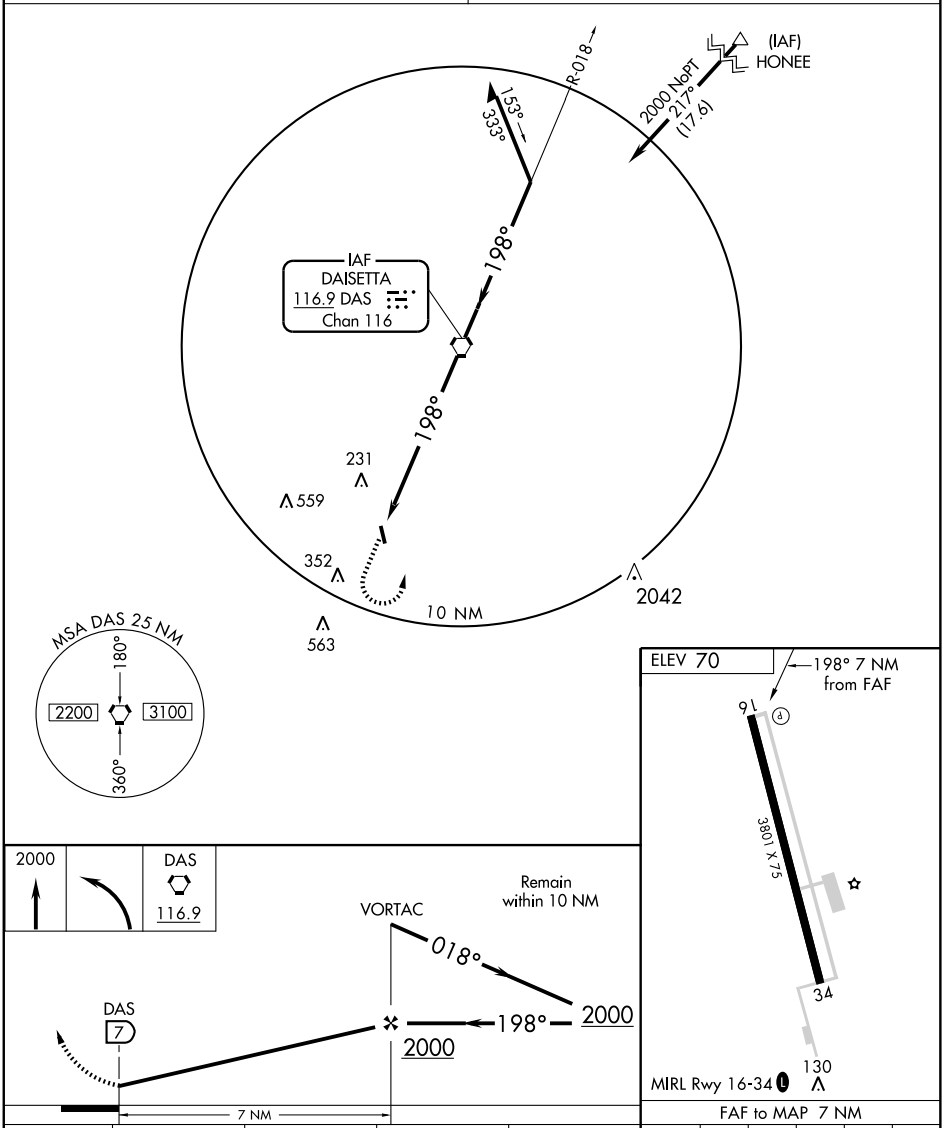
VORTAC DAS 116.9 Chan 116	APP CRS 198°	Rwy Idg 3801 TDZE N/A Apt Elev 70

VOR-A
LIBERTY MUNI (T78)

Use Houston (George Bush Intercontinental/ Houston) altimeter setting.

MISSED APPROACH: Climb to 2000, then left turn direct DAS VORTAC.

HOUSTON APP CON	CTAF
119.7 281.4	122.9 L



FAF to MAP 7 NM

CATEGORY	A	B	C	D
CIRCLING	600-1	530 (600-1)	NA	

Knots	60	90	120	150	180
Min:Sec	7:00	4:40	3:30	2:48	2:20

SC-5, 17 DEC 2009 to 14 JAN 2010

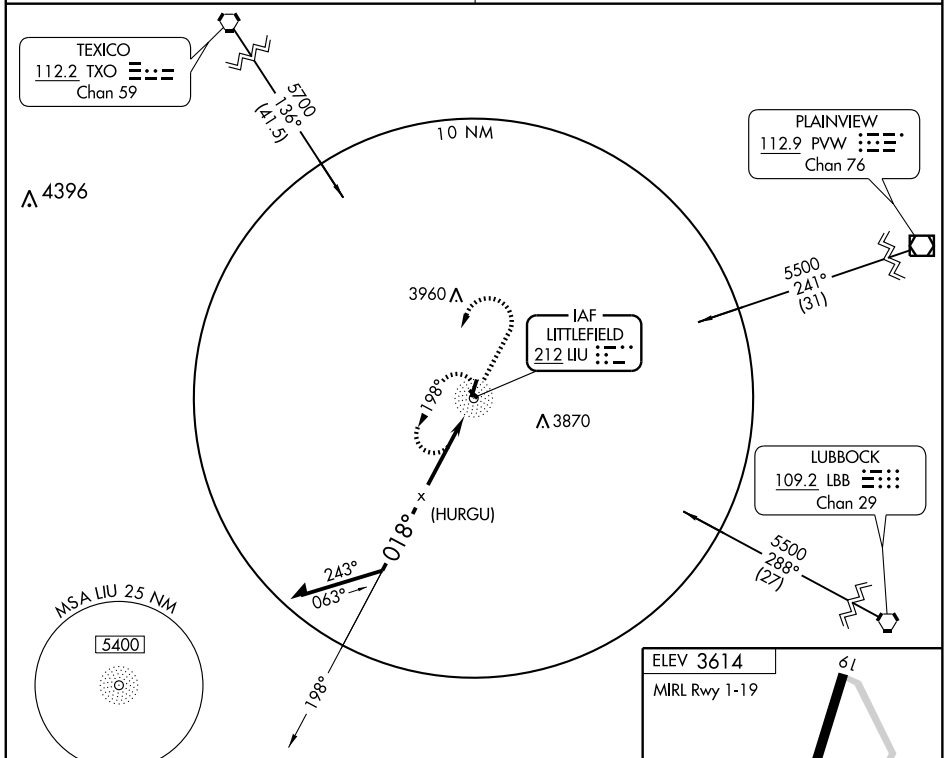
NDB LIU 212	APP CRS 018°	Rwy Idg 4021 TDZE 3614 Apt Elev 3614

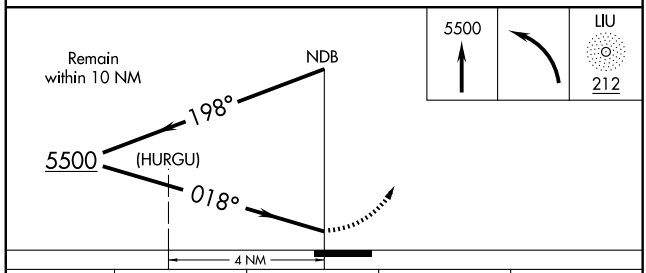
NDB or GPS RWY 1
LITTLEFIELD MUNI (LIU)

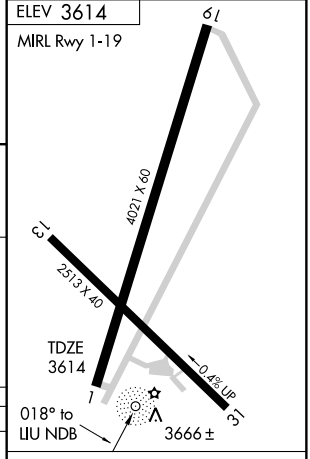
NA Use Lubbock altimeter setting.

MISSED APPROACH: Climb to 5500, then left turn direct LIU NDB and hold.

LUBBOCK APP CON	UNICOM
119.9 335.6	122.8 (CTAF)







CATEGORY	A	B	C	D
S-1	4160-1	546 (600-1)	4160-1½ 546 (600-1½)	NA
CIRCLING	4160-1	546 (600-1)	4160-1½ 546 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3700
305°	TDZE	151
	Apt Elev	151

RNAV (GPS) RWY 30

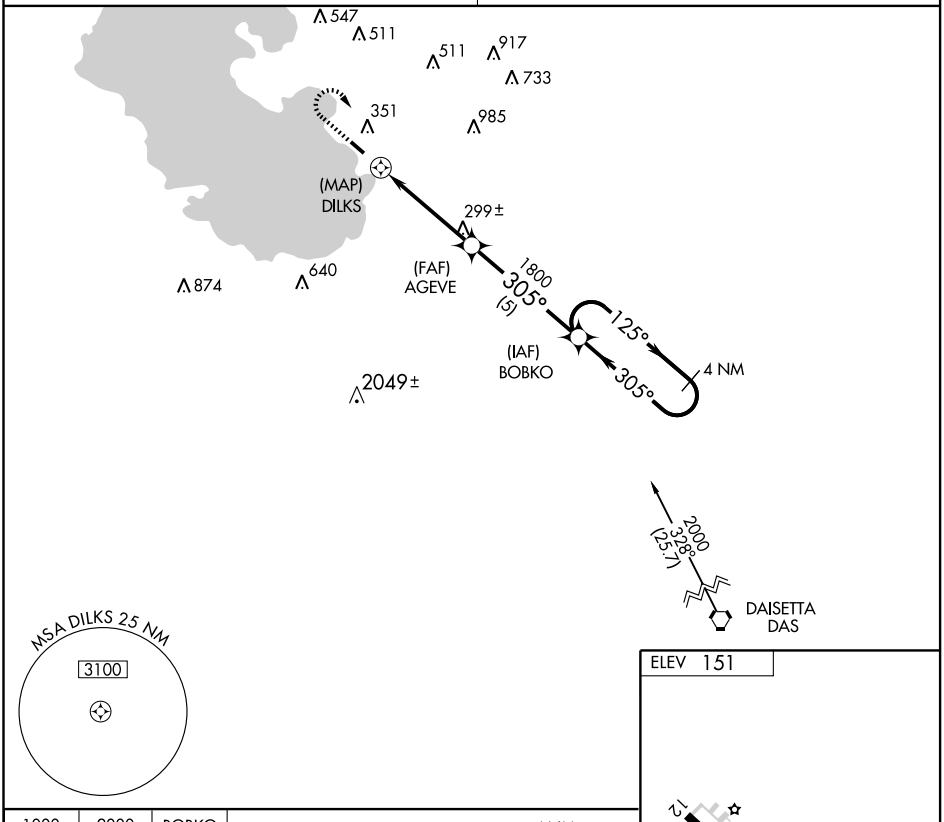
LIVINGSTON MUNI (ØØR)

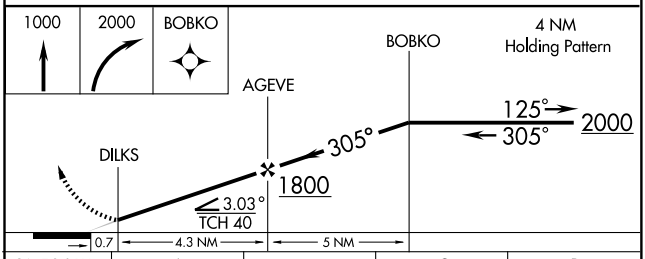
Use Houston/Lone Star Executive altimeter setting.
DME/DME RNP-0.3 NA

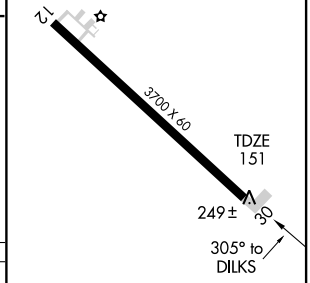
NA

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct BOBKO WP and hold.

HOUSTON CENTER	UNICOM
125.17 285.57	122.7 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	580-1	429 (500-1)	580-1¼ 429 (500-1¼)	NA
CIRCLING	800-1	649 (700-1)	800-1¾ 649 (700-1¾)	NA

MIRL Rwy 12-30

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4202
174°	TDZE	1102
	Apt Elev	1102

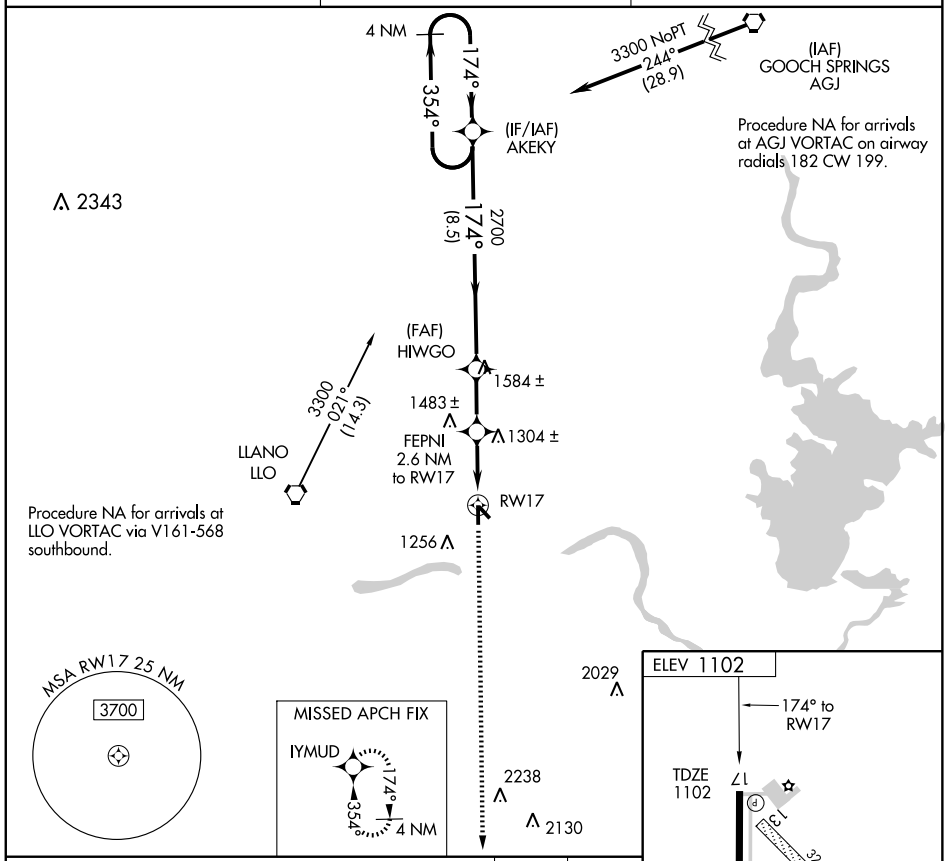
RNAV (GPS) RWY 17

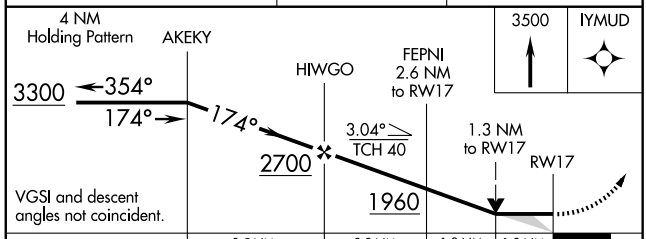
LLANO MUNI (AQO)

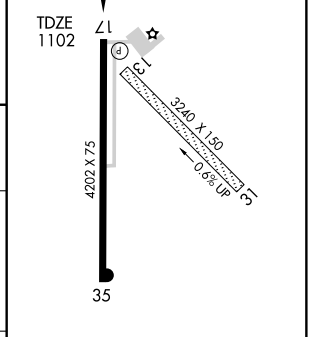
DME/DME RNP-0.3 NA. Circling NA to Rwy 13-31. When local altimeter setting not received, use Burnet altimeter setting and increase all MDA 80 feet. VDP NA when using Burnet altimeter setting.

MISSED APPROACH: Climb to 3500 direct IYMUD and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.425	132.35 317.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1560-1 458 (500-1)		NA	
CIRCLING	1660-1 558 (600-1)		NA	

MIRL Rwy 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4202
354°	TDZE	1102
	Apt Elev	1102

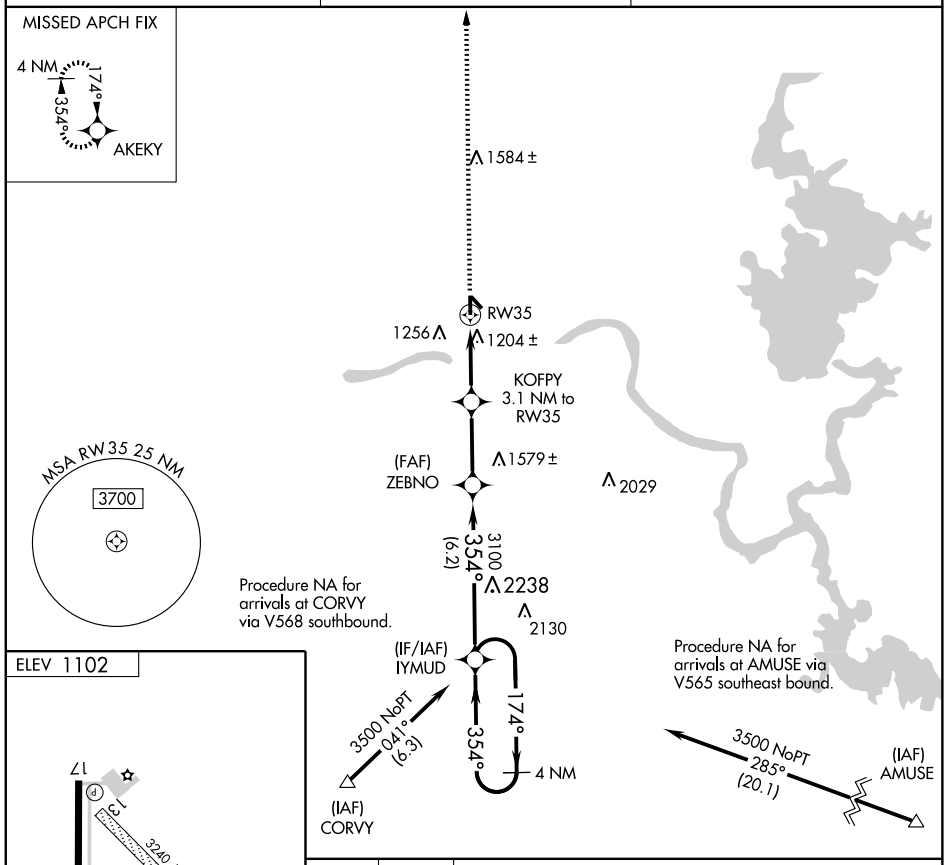
RNAV (GPS) RWY 35

LLANO MUNI (AQO)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling NA to Rwy 13-31. When local altimeter setting not received, use Burnet altimeter setting and increase all MDA 80 feet. VDP NA when using Burnet altimeter setting.

MISSED APPROACH: Climb to 3300 direct AKEKY and hold.

AWOS-3	HOUSTON CENTER	UNICOM
119.425	132.35 317.5	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1560-1	458 (500-1)	NA	
CIRCLING	1660-1	558 (600-1)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC LLO 108.2 Chan 19	APP CRS 089°	Rwy Idg N/A TDZE N/A Apt Elev 1102

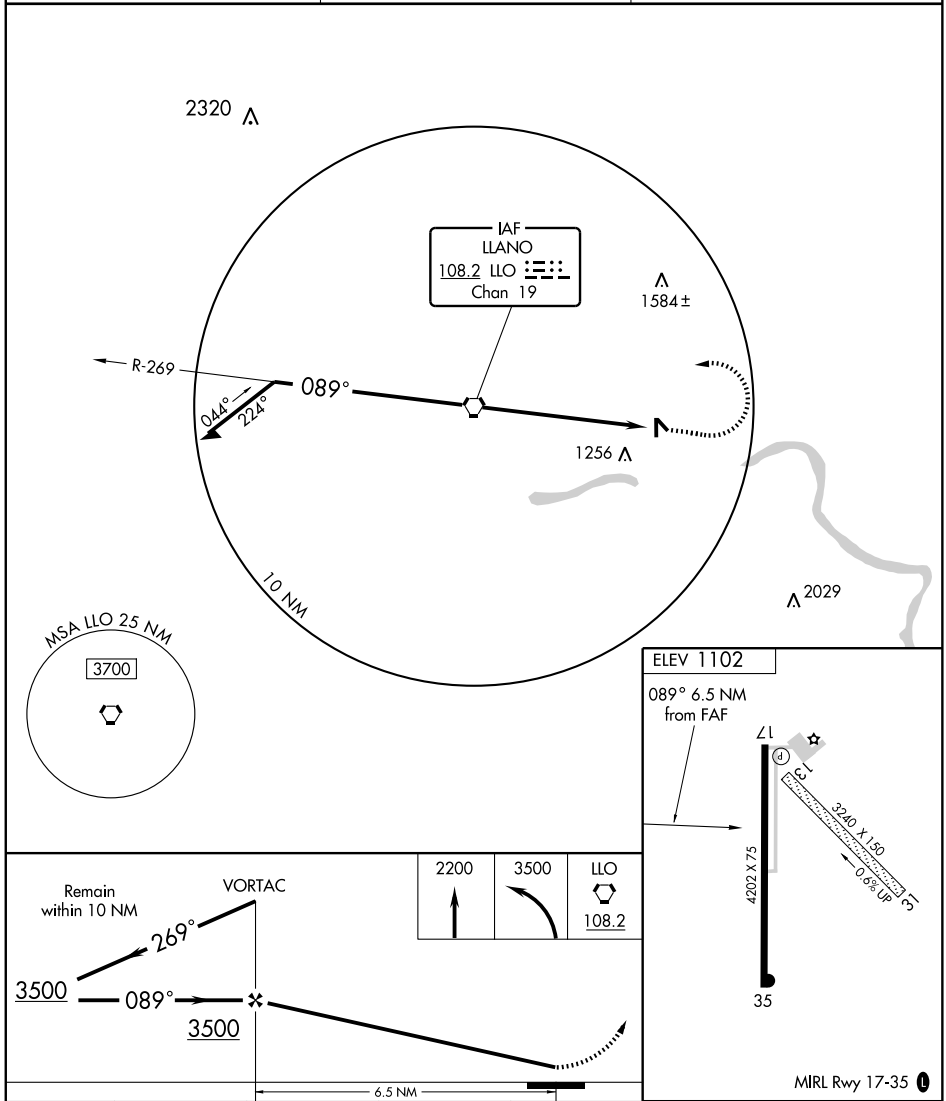
VOR-A

LLANO MUNI (AQO)

When local altimeter setting not received, use Burnet altimeter setting and increase all MDA 80 feet, and Circling Cat B visibility ¼ mile.

MISSED APPROACH: Climb to 2200 then climbing left turn to 3500 direct LLO VORTAC.

AWOS-3	HOUSTON CENTER	UNICOM
119.425	132.35 317.5	122.8 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1800-1 698 (700-1)		NA	

FAF to MAP 6.5 NM					
Knots	60	90	120	150	180
Min:Sec	6:30	4:20	3:15	2:36	2:10

SC-3, 17 DEC 2009 to 14 JAN 2010

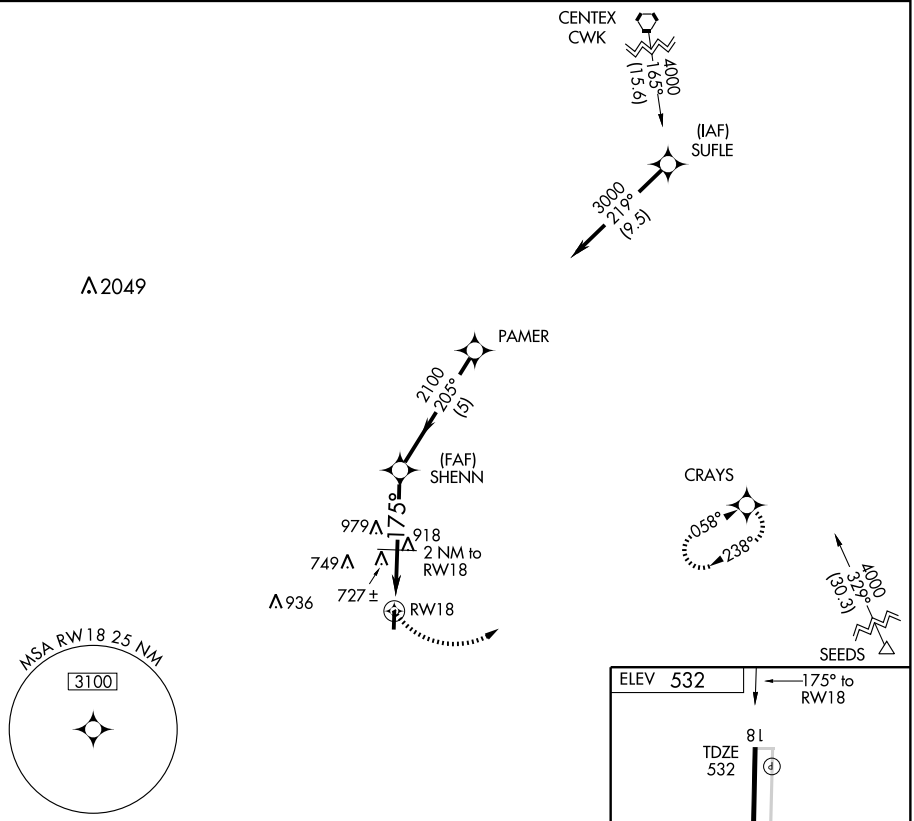
APP CRS	Rwy Idg	4001
175°	TDZE	532
	Apt Elev	532

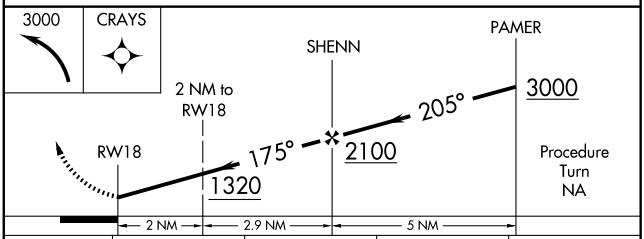
GPS RWY 18
LOCKHART MUNI (5ØR)

⚠ NA Use San Marcos Muni (HYI) altimeter setting.

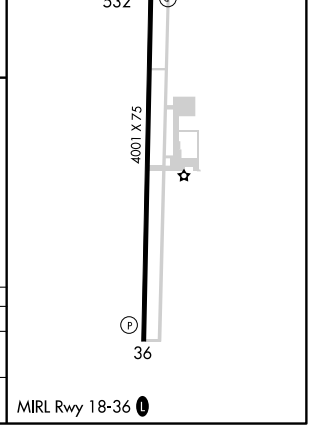
MISSED APPROACH: Climbing left turn to 3000 direct CRAYS and hold.

AUSTIN APP CON	UNICOM
127.225 317.65	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-18	1060-1	528 (600-1)	1060-1½ 528 (600-1½)	NA
CIRCLING	1060-1	528 (600-1)	1060-1½ 528 (600-1½)	NA



MIRL Rwy 18-36 L

SC-3, 17 DEC 2009 to 14 JAN 2010

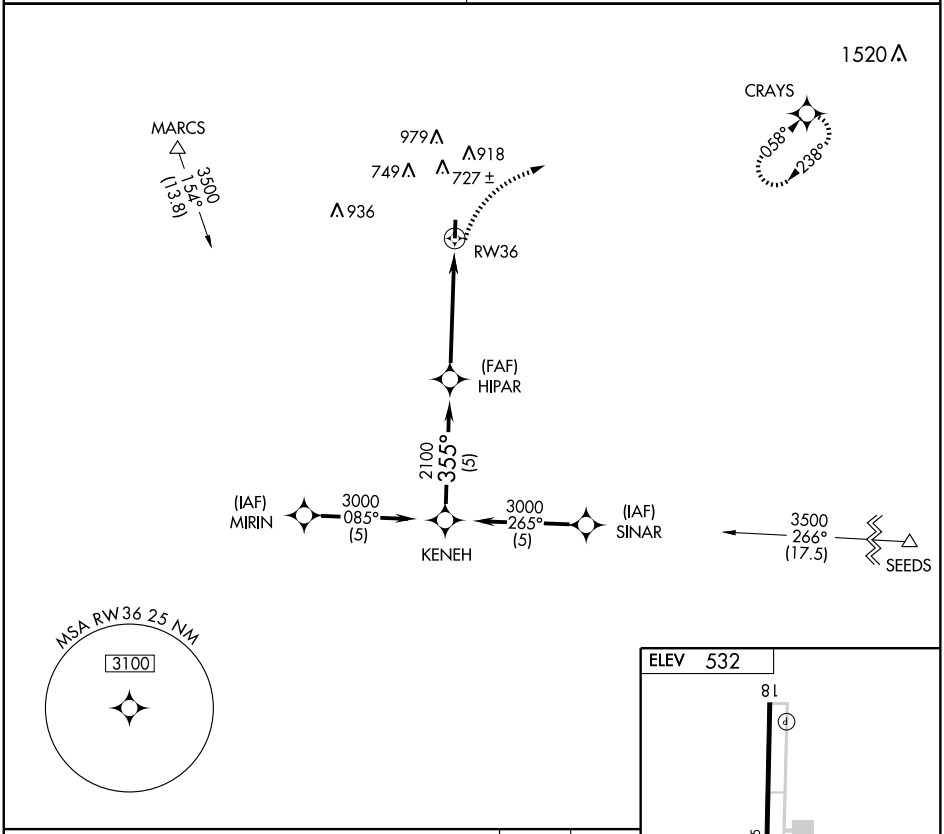
APP CRS	Rwy Idg	4001
355°	TDZE	530
	Apt Elev	532

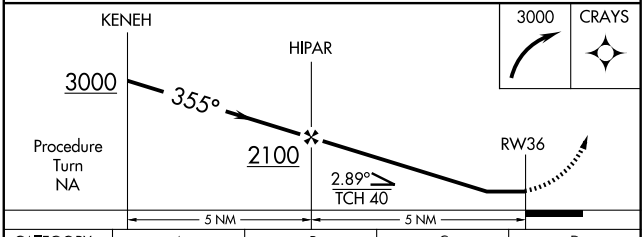
GPS RWY 36
LOCKHART MUNI (5ØR)

NA Use San Marcos Muni altimeter setting.

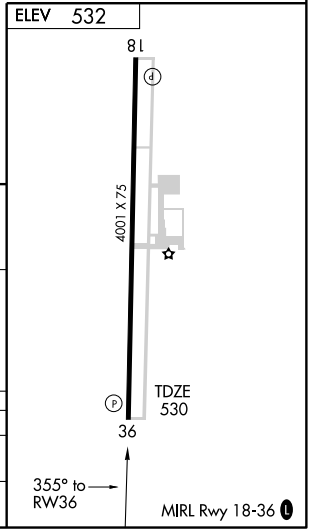
MISSED APPROACH: Climbing right turn to 3000 direct CRAYS WP and hold.

AUSTIN APP CON	UNICOM
127.225 317.65	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-36	1020-1	490 (500-1)	1020-1¼ 490 (500-1¼)	NA
CIRCLING	1040-1	508 (600-1)	1060-1½ 528 (600-1½)	NA

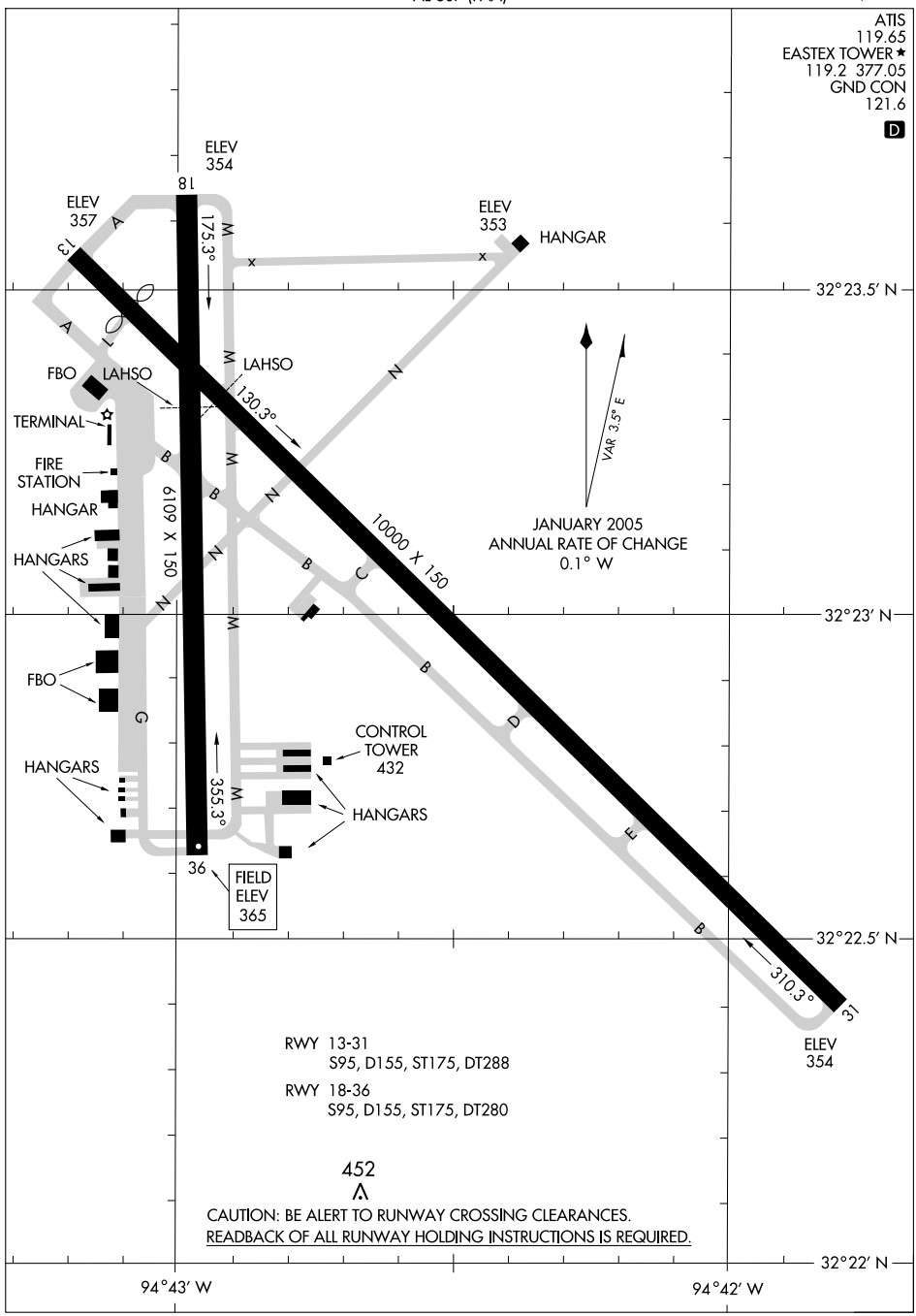


SC-3, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-807 (FAA)

LONGVIEW/EAST TEXAS RGNL (GGG)
LONGVIEW, TEXAS



SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-GGG	APP CRS	Rwy Idg	9200
109.5	131°	TDZE	358
		Apt Elev	365

ILS or LOC RWY 13

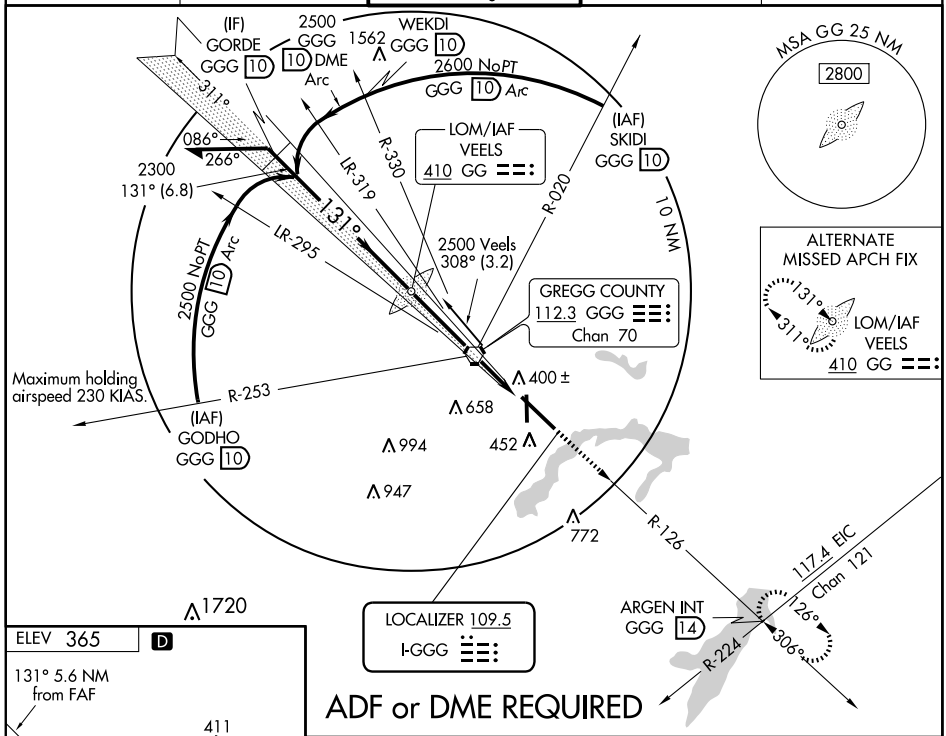
LONGVIEW/ EAST TEXAS RGNL (GGG)

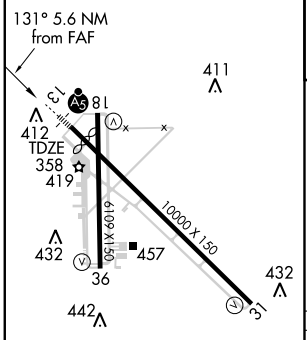
For inoperative MALSR, increase S-ILS-13 Cat E visibility to RVR 4000, S-LOC-13 Cat E visibility to 1¾. When local altimeter setting not received, use Gilmer altimeter setting and increase all DA 59 feet, all MDA 60 feet and visibility S-LOC 13 and circling Cat D, E ¼ mile. For inoperative MALSR when using Gilmer altimeter setting, increase visibility S-ILS 13 all Cats to RVR 5000 and S-LOC 13 Cat E to 2. * RVR 1800 authorized with the use of FD or AP or HUD to DA.

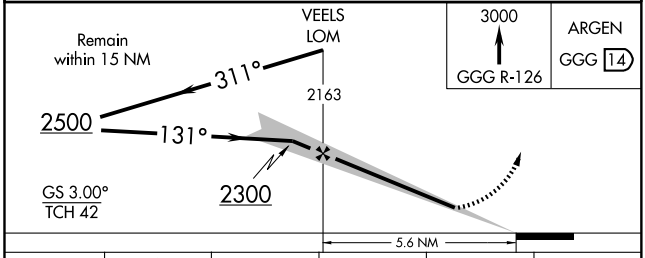
MALSR

MISSED APPROACH: Climb to 3000 via GGG VORTAC R-126 to ARGEN Int/GGG 14 DME and hold.

ATIS	LONGVIEW APP CON *	EASTEX TOWER *	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) 377.05	121.6	122.95







CATEGORY	A	B	C	D	E
S-ILS 13	*558/24 200 (200-½)				558/24 200 (200-½)
S-LOC 13	860/24 502 (500-½)		860/50 502 (500-1)		860/60 502 (500-1¼)
CIRCLING	860-1 495 (500-1)		860-1½ 495 (500-1½)	920-2 555 (600-2)	1080-2½ 715 (800-2½)

FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-2, 17 DEC 2009 to 14 JAN 2010

LOM GG	APP CRS	Rwy Idg	9200
410	131°	TDZE	358
		Apt Elev	365

NDB RWY 13

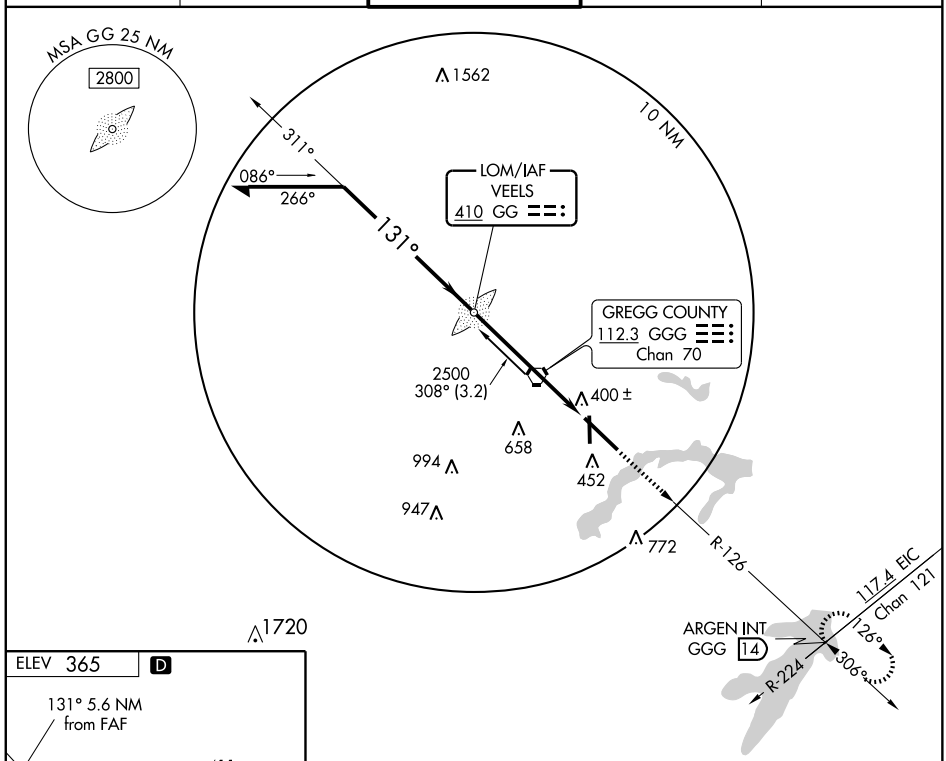
LONGVIEW/ EAST TEXAS RGNL (GGG)

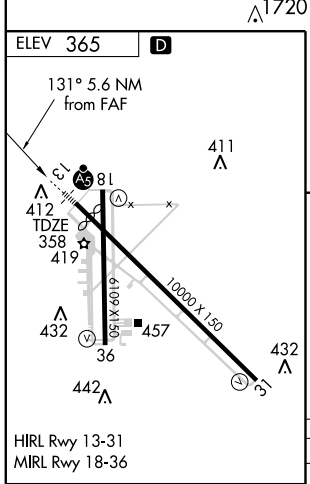
▼ When local altimeter setting not received use Gilmer altimeter setting and increase all MDA 60 feet.

MALSR

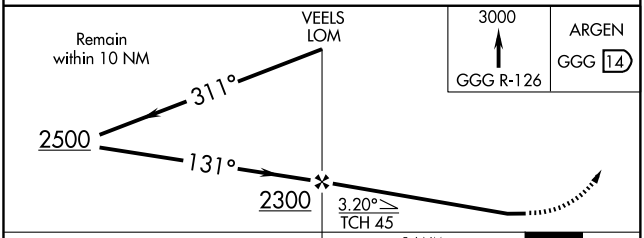
MISSED APPROACH: Climb to 3000 via GGG VORTAC R-126 to ARGEN Int and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) ⓘ 377.05	121.6	122.95





FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52



CATEGORY	A	B	C	D
S-13	960/40	602 (600-¾)	960/60 602 (600-1¼)	960-1¾ 602 (600-1¾)
CIRCLING	960-1	595 (600-1)	960-1¾ 595 (600-1¾)	960-2 595 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61100 W13A	APP CRS 131°	Rwy Idg 9200 TDZE 358 Apt Elev 365

RNAV (GPS) RWY 13

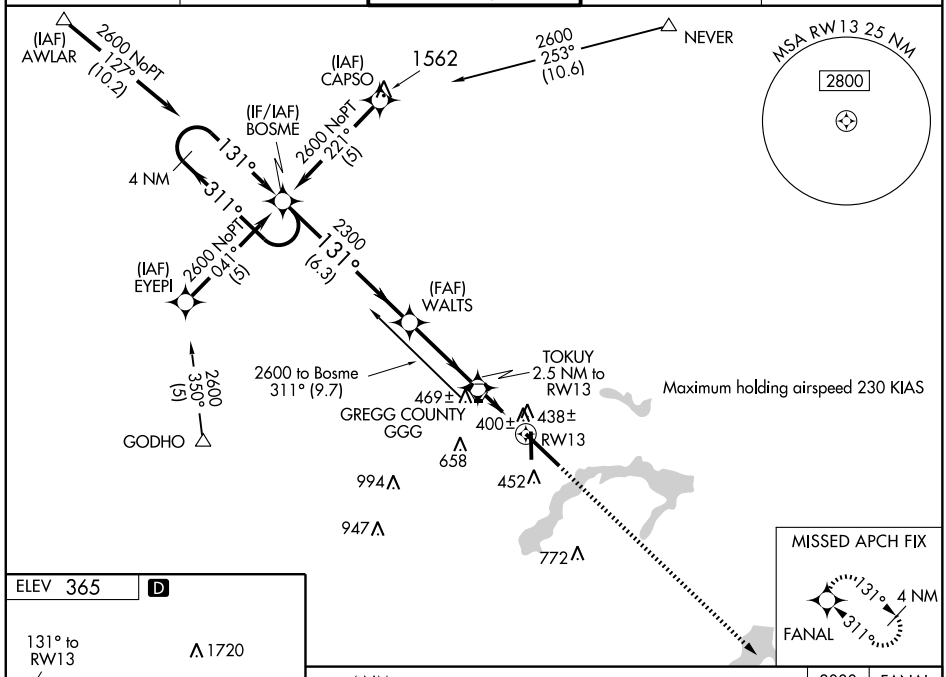
LONGVIEW/ EAST TEXAS RGNL (GGG)

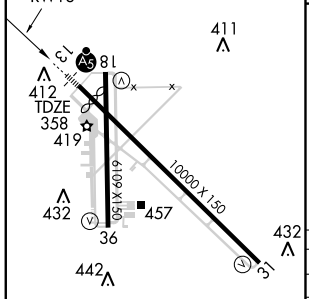
For inoperative MALSR, increase LPV all Cats visibility to RVR 5000, LNAV/VNAV Cat E visibility to RVR 6000, LNAV Cat D visibility to RVR 6000, and LNAV Cat E visibility to 1½. Baro-VNAV NA when using Gilmer altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP NA when using Gilmer altimeter setting. When local altimeter setting not received use Gilmer altimeter setting and increase all DA 59 feet, all MDA 60 feet, increase visibility LNAV/VNAV all Cats, LNAV Cat E and circling Cat E ¼ mile. For inoperative MALSR when using Gilmer altimeter setting, increase LPV all Cats visibility to RVR 5000, LNAV/VNAV Cat E visibility to RVR 6000, and LNAV Cat E visibility to 1¾.

MALSR

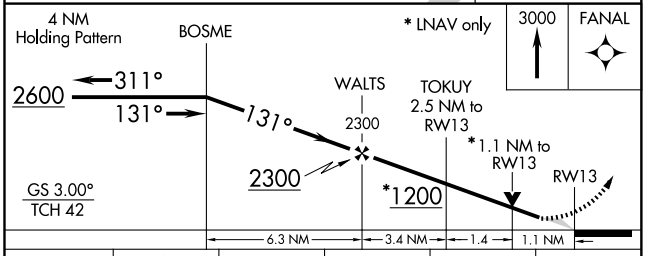
MISSED APPROACH: Climb to 3000 direct FANAL and hold.

ATIS	LONGVIEW APP CON ★	EASTEX TOWER ★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) 377.05	121.6	122.95





HIRL Rwy 13-31
MIRL Rwy 18-36



CATEGORY	A	B	C	D	E
LPV DA	612/24 254 (300-½)				
LNAV/VNAV DA	726/40 368 (400-¾)				
LNAV MDA	760/24 402 (400-½)		760/40 402 (400-¾)	760/50 402 (400-1)	
CIRCLING	860-1 495 (500-1)		860-1½ 495 (500-1½)	920-2 555 (600-2)	1080-2½ 715 (800-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6109
176°	TDZE	356
	Apt Elev	365

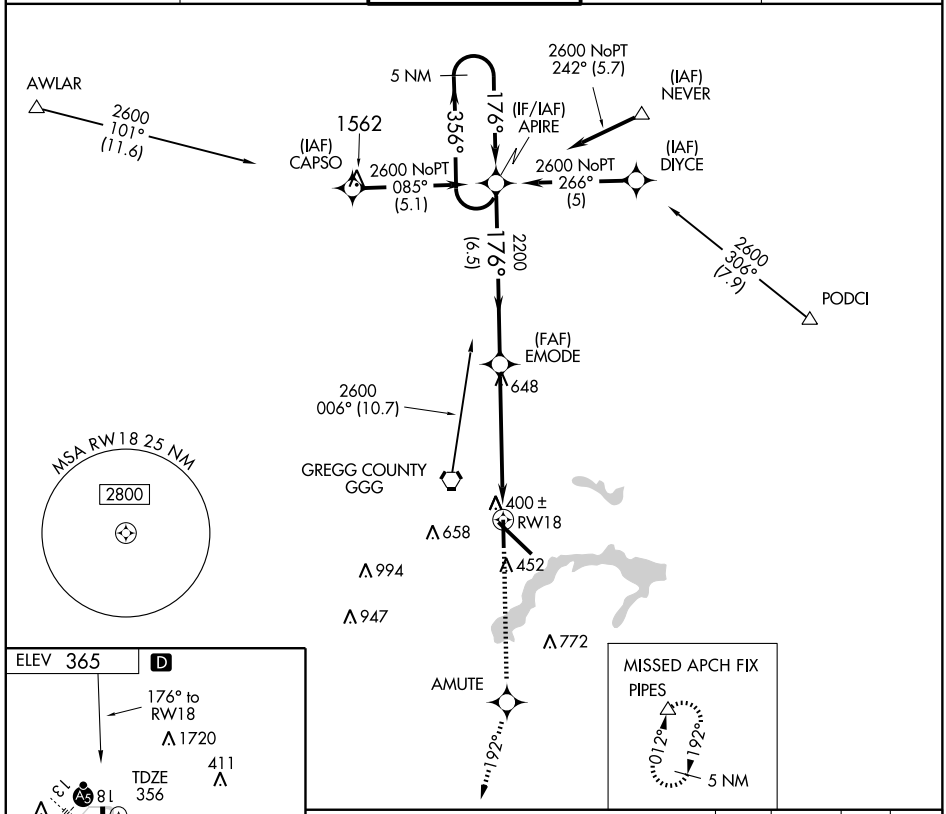
RNAV (GPS) RWY 18

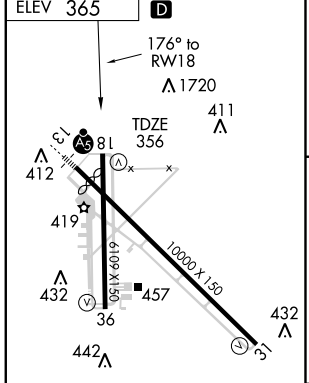
LONGVIEW/ EAST TEXAS RGNL (GGG)

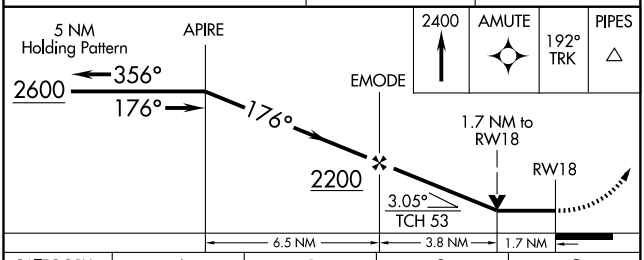
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
VDP NA when using Gilmer altimeter setting. When local altimeter setting not received, use Gilmer altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climb to 2400 direct AMUTE and via 192° track to PIPES and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) 377.05	121.6	122.95







CATEGORY	A	B	C	D
LNAV MDA	960-1 604 (600-1)		960-1¾ 604 (600-1¾)	960-2 604 (600-2)
CIRCLING	960-1 595 (600-1)		960-1¾ 595 (600-1¾)	960-2 595 (600-2)

HIRL Rwy 13-31
MIRL Rwy 18-36

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53504 W31A	APP CRS 311°	Rwy Idg 9200 TDZE 354 Apt Elev 365

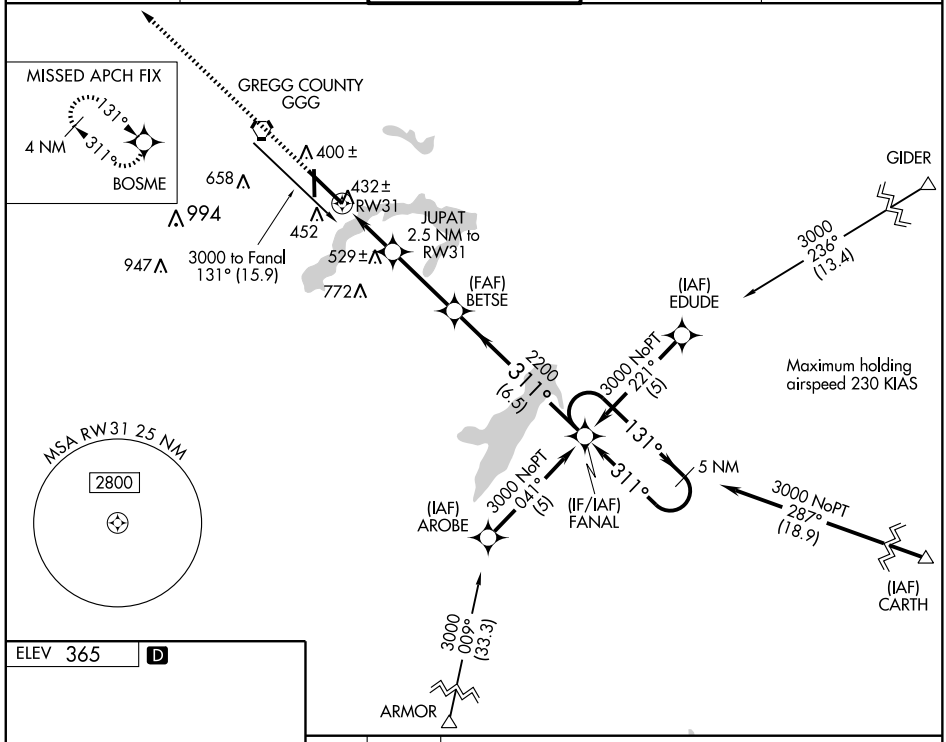
RNAV (GPS) RWY 31

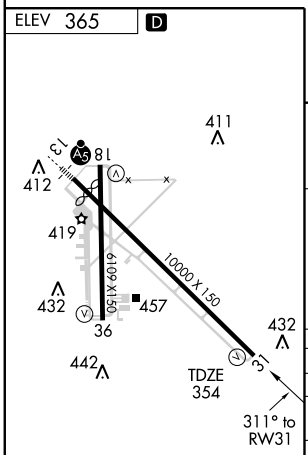
LONGVIEW/ EAST TEXAS RGNL (GGG)

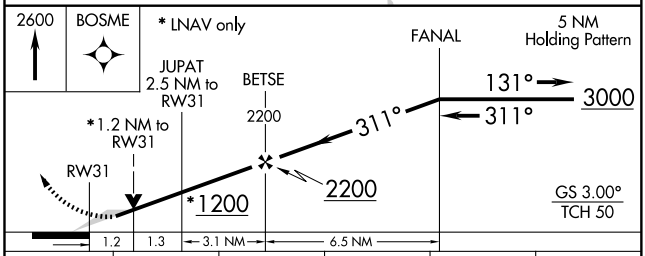
Baro-VNAV NA when using Gilmer altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. VDP NA when using Gilmer altimeter setting. When local altimeter setting not received, use Gilmer altimeter setting and increase all DA 59 feet, all MDA 60 feet and all visibilities ¼ mile.

MISSED APPROACH: Climb to 2600 direct BOSME and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) L 377.05	121.6	122.95







CATEGORY	A	B	C	D	E
LPV DA	604-¾ 250 (300-¾)				
LNAV/VNAV DA	682-1¼ 328 (400-1¼)				
LNAV MDA	800-1 446 (500-1)		800-1¼ 446 (500-1¼)	800-1½ 446 (500-1½)	
CIRCLING	860-1 495 (500-1)		860-1½ 495 (500-1½)	920-2 555 (600-2)	1080-2½ 715 (800-2½)

HIRL Rwy 13-31
MIRL Rwy 18-36

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS		
356°	Rwy Idg	6109
	TDZE	365
	Apt Elev	365

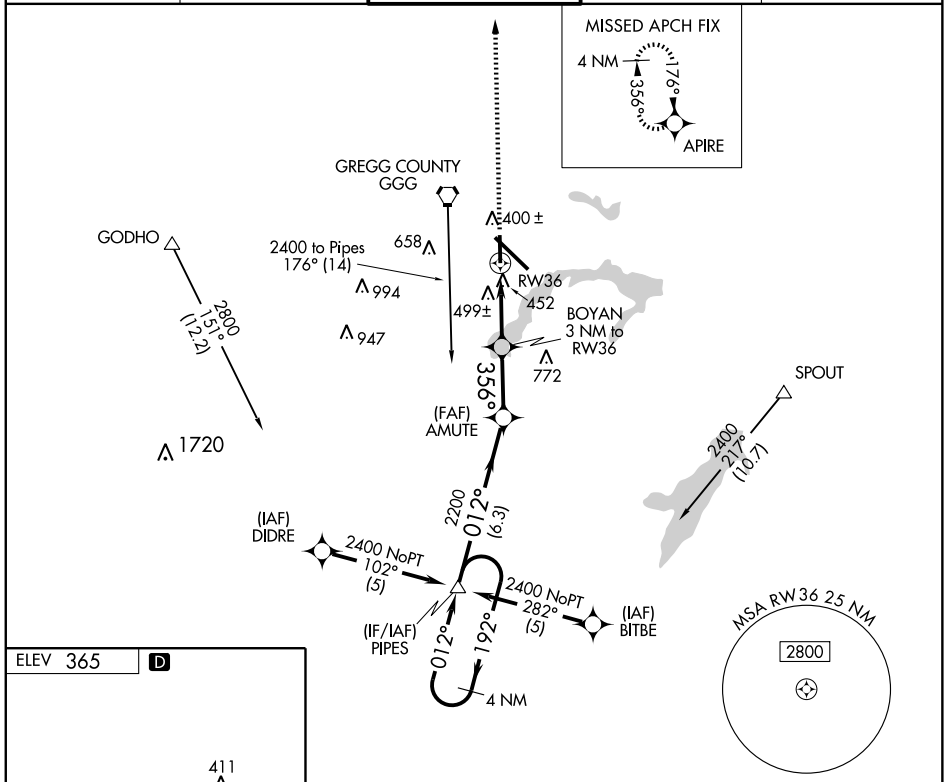
RNAV (GPS) RWY 36

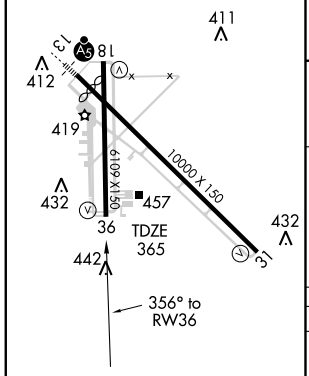
LONGVIEW/ EAST TEXAS RGNL (GGG)

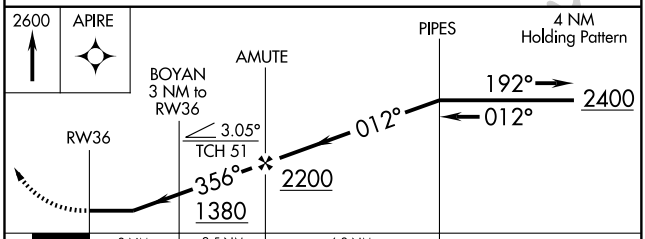
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Gilmer altimeter setting and increase all MDA 60 feet and LNAV Cat C and D visibility ¼ mile.

MISSED APPROACH: Climb to 2600 direct APIRE and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) Ⓘ 377.05	121.6	122.95







CATEGORY	A	B	C	D
LNAV MDA	760-1 395 (400-1)			760-1¼ 395 (400-1¼)
CIRCLING	860-1 495 (500-1)		860-1½ 495 (500-1½)	920-2 555 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

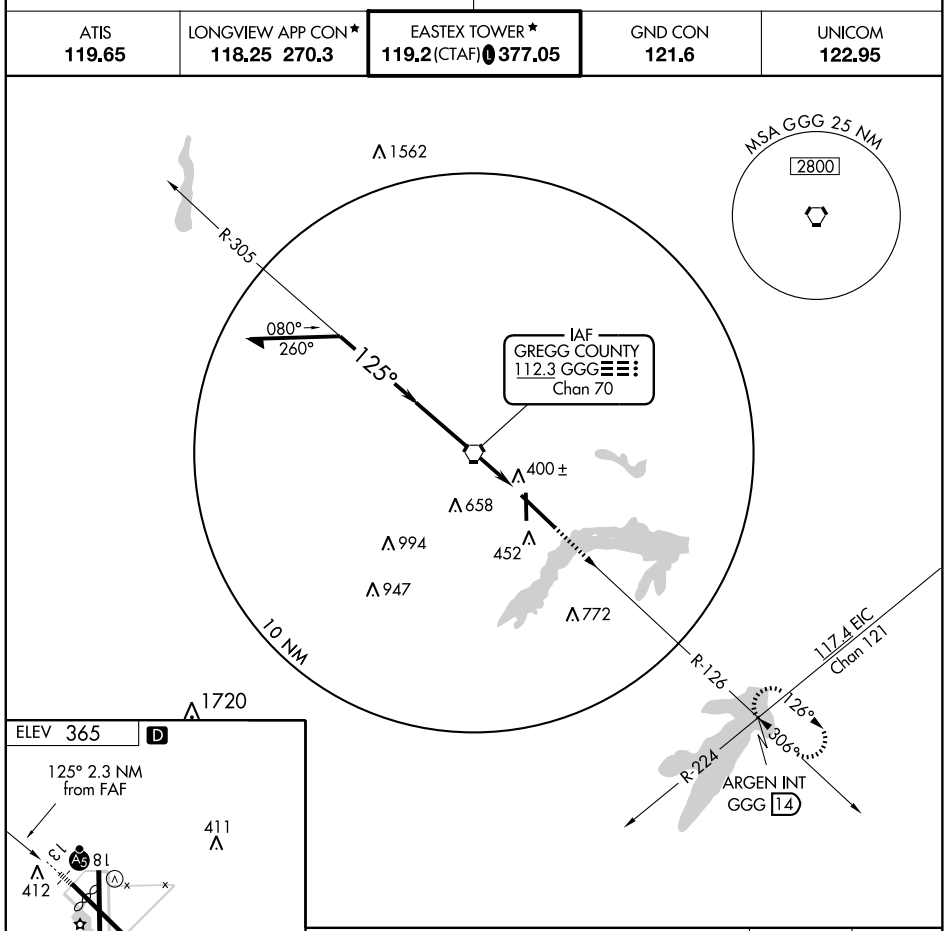
VORTAC GGG 112.3 Chan 70	APP CRS 125°	Rwy Idg N/A TDZE N/A Apt Elev 365

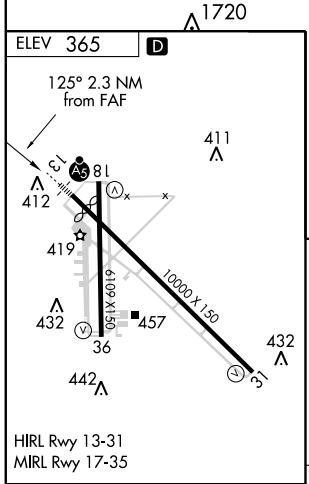
VOR-A

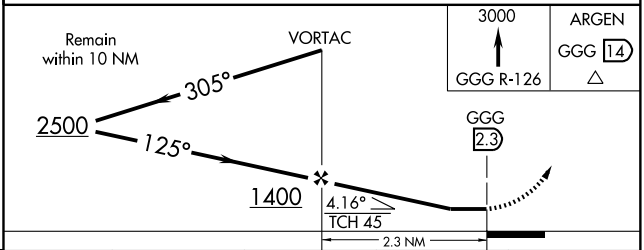
LONGVIEW/ EAST TEXAS RGNL (GGG)

MISSED APPROACH: Climb to 3000 via GGG VORTAC R-126 to ARGEN Int/GGG 14 DME and hold.

ATIS	LONGVIEW APP CON ★	EASTEX TOWER ★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) 377.05	121.6	122.95







FAF to MAP 2.3 NM					
Knots	60	90	120	150	180
Min:Sec	2:18	1:32	1:09	0:55	0:46

CATEGORY	A	B	C	D
CIRCLING	760-1 395 (400-1)	820-1 455 (500-1)	820-1½ 455 (500-1½)	920-2 555 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC GGG	APP CRS	Rwy Idg	9200
112.3	125°	TDZE	358
Chan 70		Apt Elev	365

VOR/DME or TACAN RWY 13

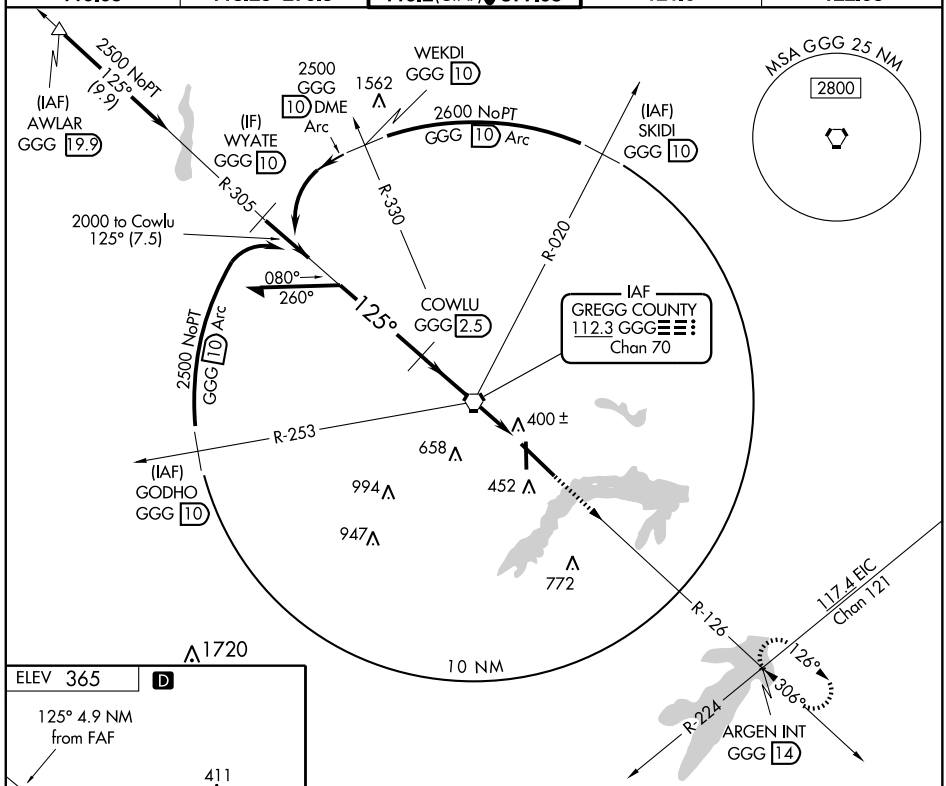
LONGVIEW/ EAST TEXAS RGNL (GGG)

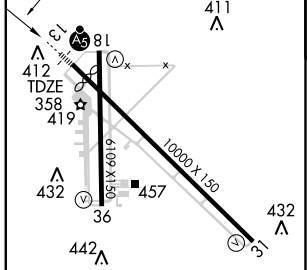
T For inoperative MALSR, increase S-13 Cat E visibility to 1¾. When local altimeter setting not received, use Gilmer altimeter setting and increase all MDA 60 feet and visibility Cat D and E ¼ mile. VDP NA when using Gilmer altimeter setting. For inoperative MALSR when using Gilmer altimeter setting increase S-13 Cat E visibility to 2 miles.

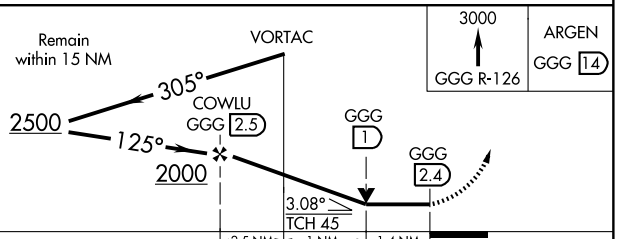
MALSR

MISSED APPROACH: Climb to 3000 via GGG R-126 to ARGEN Int/GGG 14 DME and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) Ⓛ 377.05	121.6	122.95







CATEGORY	A	B	C	D	E
S-13	860/24 502 (500-½)		860/50 502 (500-1)		860-60 502 (500-1¼)
CIRCLING	860-1 495 (500-1)		860-1½ 495 (500-1½)	920-2 555 (600-2)	1080-2½ 715 (800-2½)

HIRL Rwy 13-31
MIRL Rwy 18-36

SC-2, 17 DEC 2009 to 14 JAN 2010

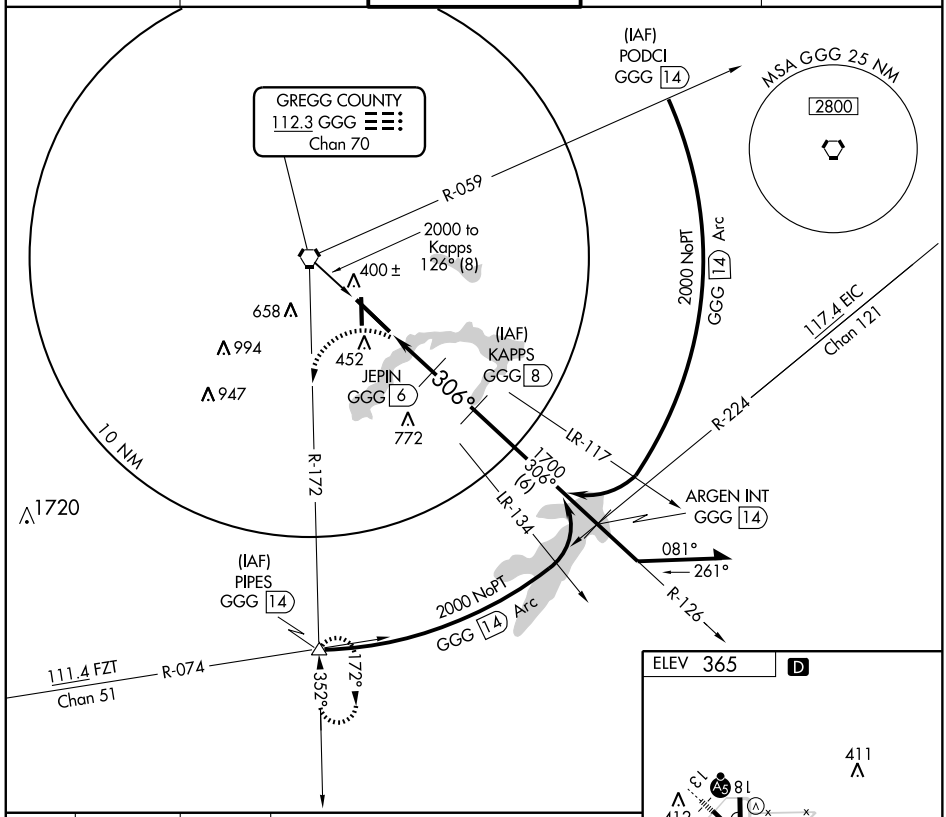
VORTAC GGG 112.3 Chan 70	APP CRS 306°	Rwy Idg 9200 TDZE 354 Apt Elev 365

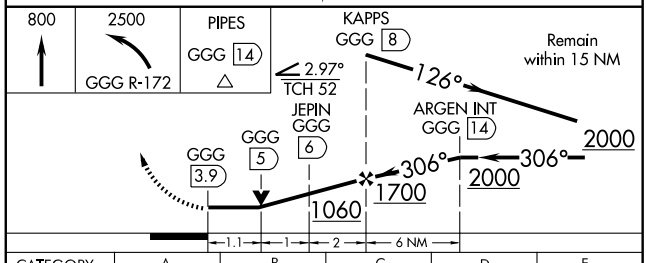
VOR/DME or TACAN RWY 31

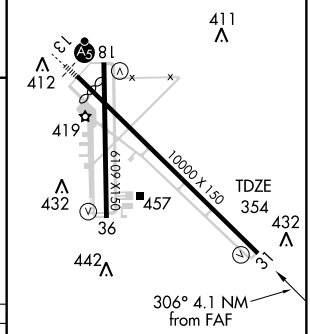
LONGVIEW/ EAST TEXAS RGNL (GGG)

MISSED APPROACH: Climb to 800, then climbing left turn to 2500 via GGG R-172 to PIPES Int and hold.

ATIS	LONGVIEW APP CON★	EASTEX TOWER★	GND CON	UNICOM
119.65	118.25 270.3	119.2 (CTAF) L 377.05	121.6	122.95







CATEGORY	A	B	C	D	E
S-31	740-1 386 (400-1)			740-1¼ 386 (400-1¼)	
CIRCLING	820-1 455 (500-1)		820-1½ 455 (500-1½)	920-2 555 (600-2)	1080-2½ 715 (800-2½)

HIRL Rwy 13-31
MIRL Rwy 17-35

SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-241 (FAA)

LUBBOCK PRESTON SMITH INTL (LBB)
LUBBOCK, TEXAS

ATIS
125.3
LUBBOCK TOWER
120.5 239.3
GND CON
121.9 348.6
CLNC DEL
125.8 281.55

D

FIELD ELEV 3282

17R

0.4% DOWN

172.1°

11500 X 150

35L

ELEV 3243

352.1°

0.4% UP

NOTE: Ramps are uncontrolled. Do not call for push/power back. Advise GND CON when ready to taxi.

VAR 7.6° E

JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W

AIR CARGO

CONTROL TOWER

ELEV 3257

ELEV 3255

082.1°

8001 X 150

262.1°

26

FBO

MILITARY AND GENERAL AVIATION PARKING

FSDO

ELEV 3255

17L

172.0°

2891 X 75

352.0°

35R

ELEV 3262

FBO

FIRE STATION

U.S. CUSTOMS

TERMINAL

GENERAL AVIATION PARKING

3414

33° 41′ N

33° 40′ N

33° 39′ N

101° 50′ W

101° 49′ W

101° 48′ W

RWY 8-26
S100, D170, ST175, DT350
RWY 17L-35R
S12.5
RWY 17R-35L
S100, D170, ST175, DT350

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-2, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 17R

LOC I-LBB 109.5 Chan 32	APCH CRS 171°	Rwy ldg 11,500 TDZE 3282 Arpt Elev 3282

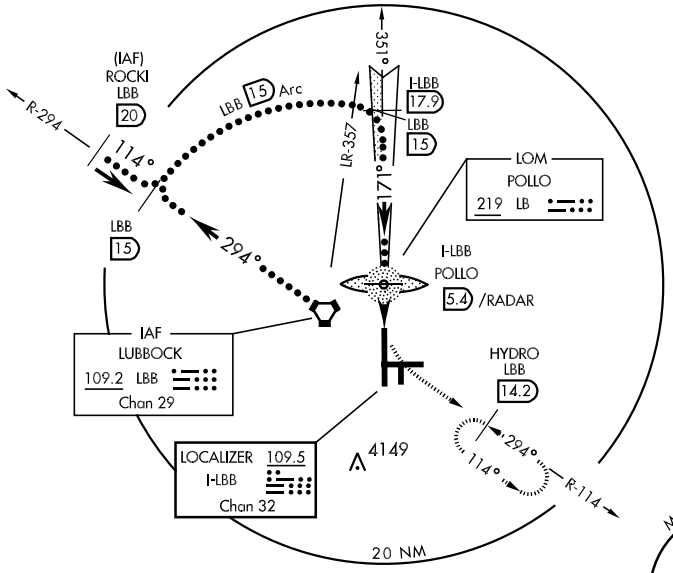
JAL-241 [USAF] LUBBOCK PRESTON SMITH INTL (KLBB)

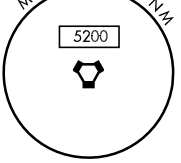
* When ALS inop, increase vis ½ mile.

MALSR

MISSED APPROACH: Climb to 3700, then climbing left turn to 5200 via LBB VORTAC R-114 to HYDRO INT/LBB 14.2 DME and hold.

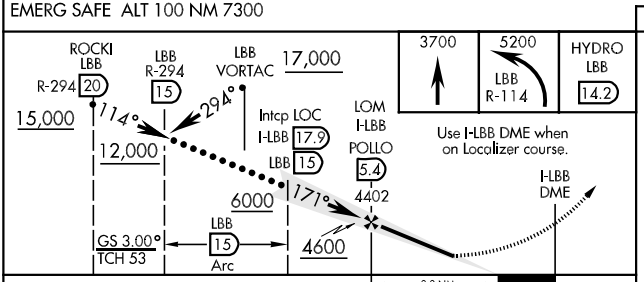
ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL	ASR
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55	

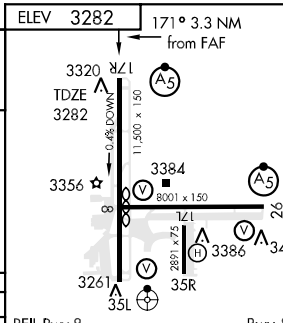




RADAR or
DME REQUIRED

EMERG SAFE ALT 100 NM 7300





REIL Rwy 8 Rwy 8
HIRL Rwy 8-26 and 17R-35L ldg 7801'

CATEGORY	C	D	E
S-ILS 17R	3482/24 200 (200-½)		
S-LOC 17R *	3620/24 338 (400-½)	3620/40 338 (400-¾)	
CIRCLING	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

FAF to MAP 3.3 NM

Knots	120	140	160	180	200
Min:Sec	1:39	1:25	1:14	1:06	0:59

HI-LOC/DME BC RWY 35L

LOC I-LBB 109.5 Chan 32	APCH CRS 351°	Rwy ldg 11,500 TDZE 3253 Arpt Elev 3282

JAL-241 [USAF] LUBBOCK PRESTON SMITH INTL (KLBB)

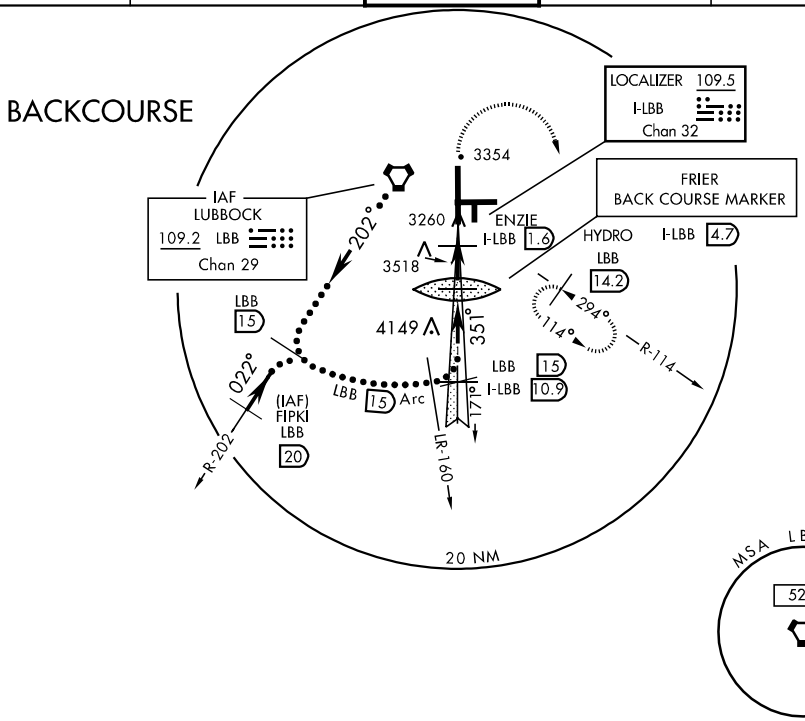
* When ODALS inop, increase CAT C vis to 1 mile.

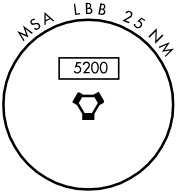
Use I-LBB DME when on Localizer course

ODALS

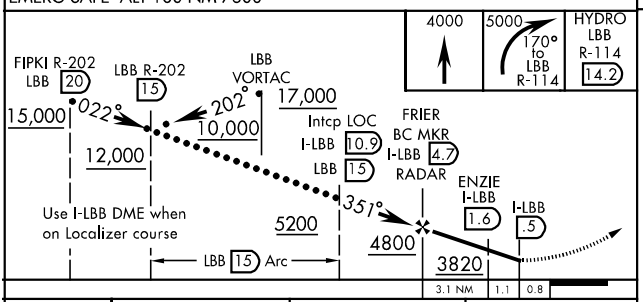
MISSED APPROACH: Climb to 4000, then climbing right turn to 5000 via Hdg 170° and LBB R-114 to HYDRO INT (LBB 14.2 DME) and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL	ASR
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55	

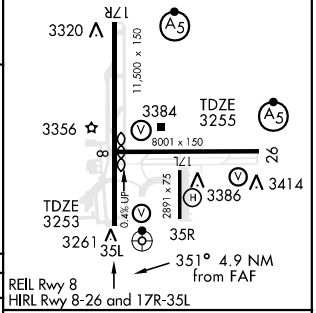




EMERG SAFE ALT 100 NM 7300



ELEV 3282 Rwy 8 ldg 7801′



FAF to MAP 4.2 NM

Knots	120	140	160	180	200
Min:Sec	2:06	1:48	1:35	1:24	1:16

CATEGORY	C	D	E
S-35L *	3560-¾ 307 (300-¾)	3560-1 307 (300-1)	
CIRCLING	3740-1½ 459 (500-1½)	3840-2 559 (600-2)	3980-2½ 699 (700-2½)

HI-VOR/DME or TACAN RWY 26

VORTAC LBB 109.2 Chan 29	APCH CRS 282°	Rwy Idg 8001 TDZE 3255 Arpt Elev 3282

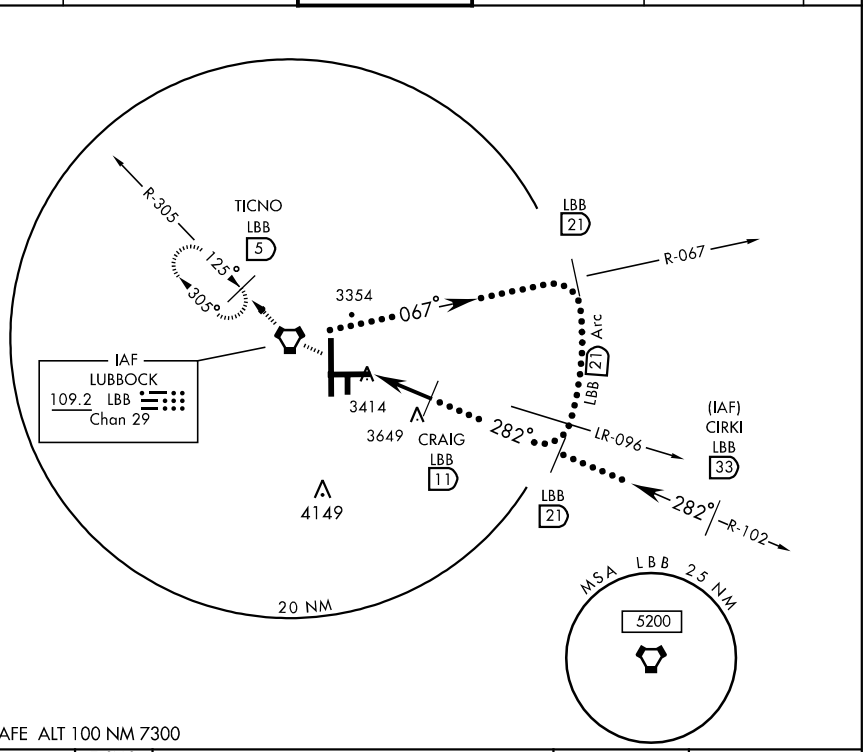
JAL-241 [USAF] LUBBOCK PRESTON SMITH INTL (KLBB)

* Inoperative Table does not apply.

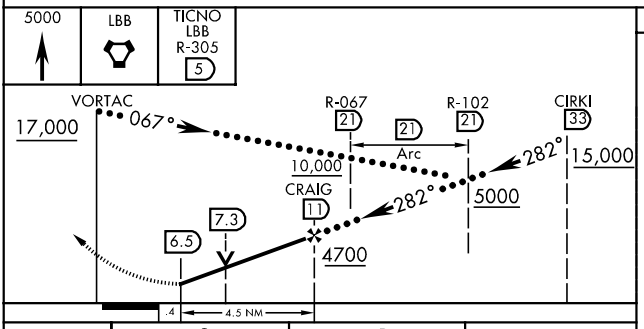
MALSR

MISSED APPROACH: Climb to 5000 direct LBB VORTAC and via LBB R-305 to TICNO (LBB 5 DME) and hold.

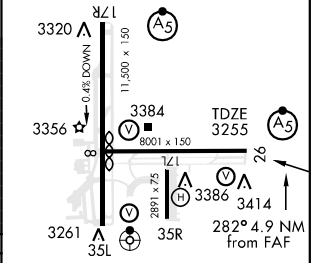
ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL	ASR
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55	



EMERG SAFE ALT 100 NM 7300



ELEV 3282 Rwy 8 Idg 7801'



CATEGORY	C	D	E
S-26 *	3680-1¼ 425 (400-1¼)		3680-1½ 425 (400-1½)
CIRCLING	3740-1½ 459 (500-1½)	3840-2 559 (600-2)	3980-2½ 699 (700-2½)

REIL Rwy 8
HIRL Rwy 8-26 and 17R-35L

LOC I-LBB	APP CRS	Rwy Idg	11500
109.5	171°	TDZE	3282
Chan 32		Apt Elev	3282

ILS or LOC RWY 17R

LUBBOCK PRESTON SMITH INTL (LBB)

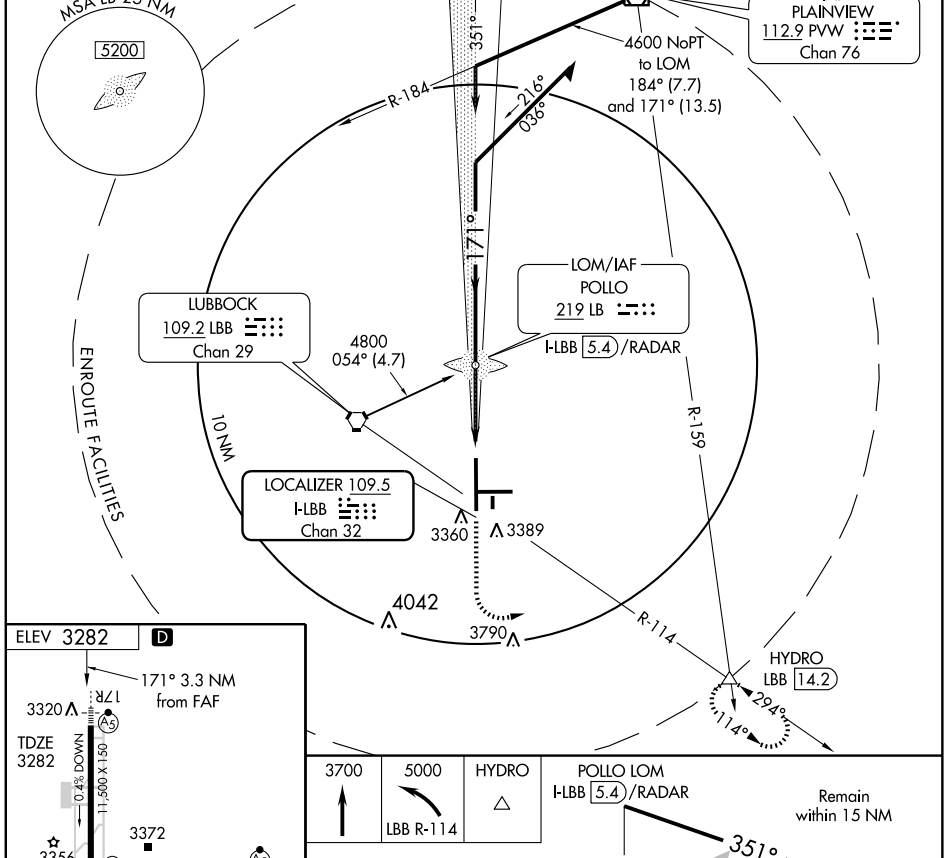
ASR

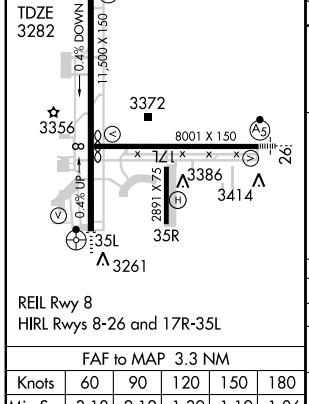
S-LOC 17R visibilty increased to RVR 5000 Cat. D and RVR 6000 Cat. E. for inoperative MALSR.
* RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3700, then climbing left turn to 5000 via LBB R-114 to HYDRO Int and hold.

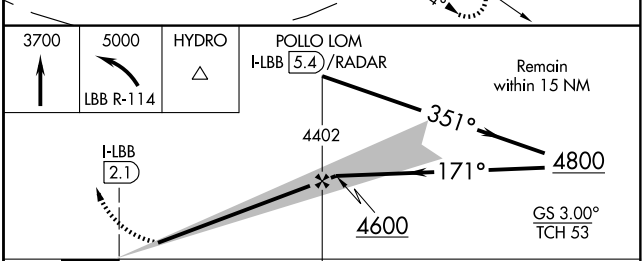
ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55





REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L

FAF to MAP 3.3 NM					
Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06



CATEGORY	A	B	C	D	E
S-ILS 17R	* 3482/24 200 (200-½)				
S-LOC 17R	3620/24 338 (400-½)			3620/40 338 (400-¾)	
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-LDT	APP CRS	Rwy Idg	8001
111.9	261°	TDZE	3256
		Apt Elev	3282

ILS or LOC RWY 26

LUBBOCK PRESTON SMITH INTL (LBB)

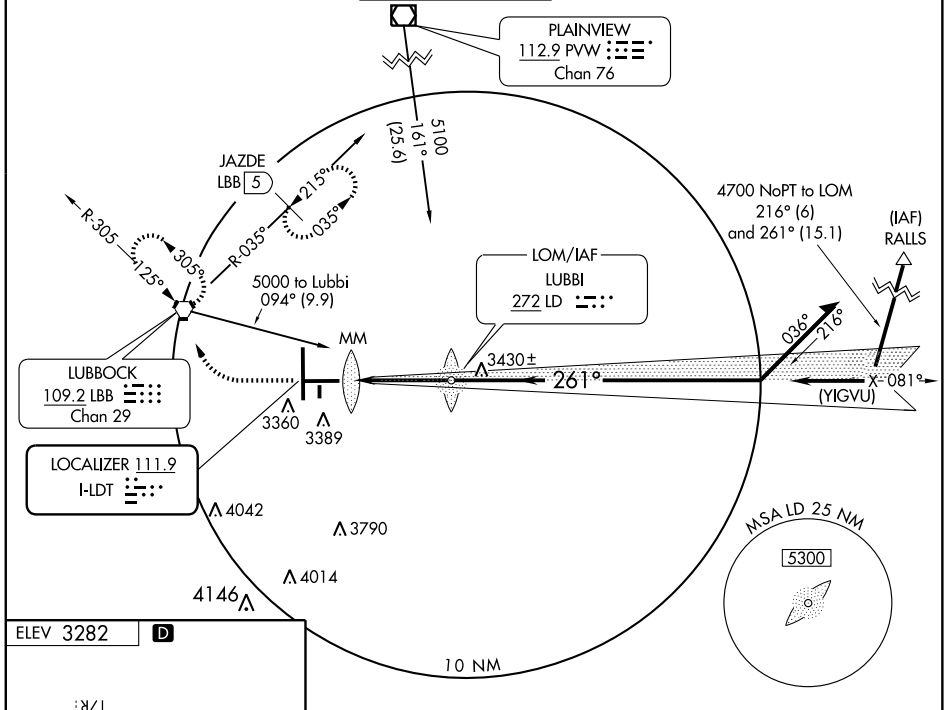
ASR

For inoperative MALSR increase S-LOC Cat D and E visibility to RVR 5000, S-ILS Cat E to RVR 4000.
* Vis Cat A/B/C/D RVR 1800 authorized with the use of FD or AP or HUD to DA.

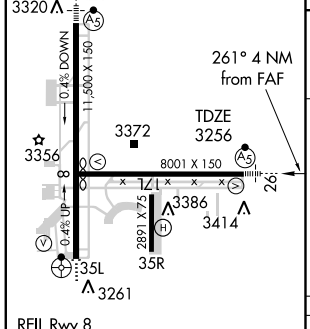
MALSR

MISSED APPROACH: Climb to 3800, then climbing right turn to 4800 direct LBB VORTAC and hold. (TACAN aircraft climb to 3800, then climbing right turn to 5100 via heading 300° and LBB R-035 to JAZDE Int / 5 DME and hold NE, left turn, 215° inbound).

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55



ELEV 3282 D



REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L

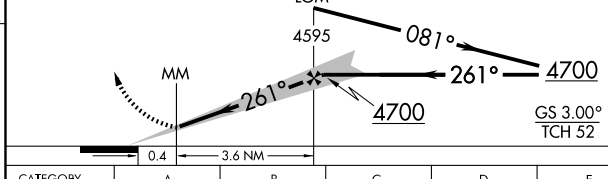
FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

3800	4800	LBB
		109.2

VGSI and ILS glidepath not coincident.

Remain within 15 NM



CATEGORY	A	B	C	D	E
S-ILS 26	* 3456/24 200 (200-½)				
S-LOC 26	3560/24 304 (300-½)			3560/40 304 (300-¾)	
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

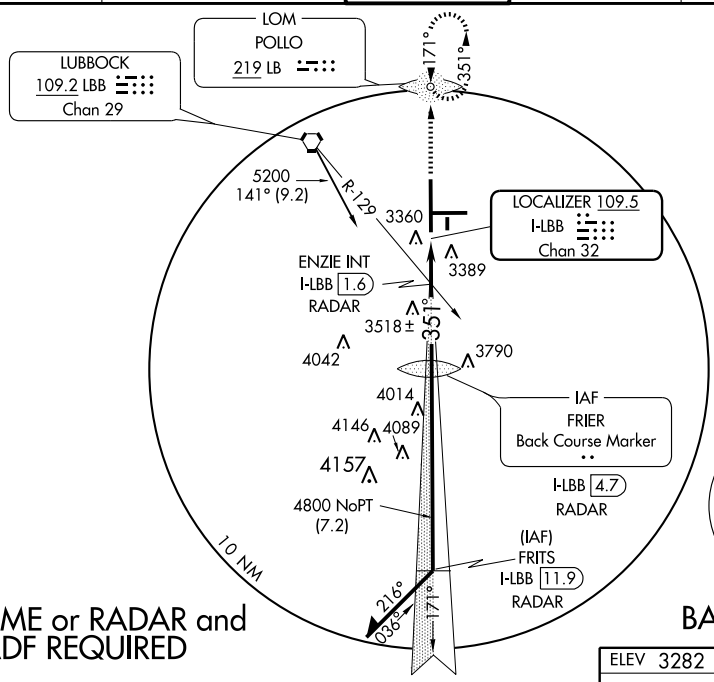
LOC I-LBB	APP CRS	Rwy Idg	11500
109.5	351°	TDZE	3254
Chan 32		Apt Elev	3282

LOC BC RWY 35L

LUBBOCK PRESTON SMITH INTL (LBB)

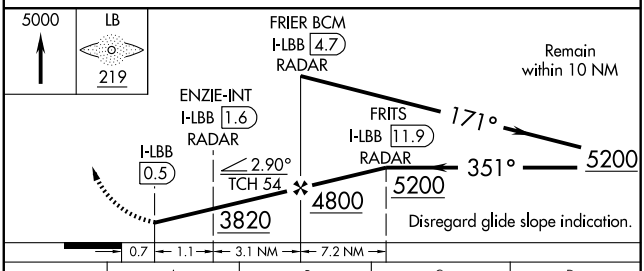
ASR	ODALS	MISSED APPROACH: Climb to 5000 direct POLLO LOM and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55

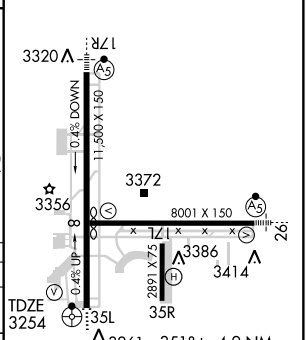


DME or RADAR and ADF REQUIRED

BACK COURSE



CATEGORY	A	B	C	D
S-LOC 35L	3820-¾ 566 (600-¾)		3820-1½ 566 (600-1½)	3820-1¾ 566 (600-1¾)
CIRCLING	3820-1 538 (600-1)		3820-1½ 538 (600-1½)	3840-2 558 (600-2)
ENZIE FIX MINIMUMS				
S-LOC 35L	3560-¾ 306 (300-¾)			3560-1 306 (300-1)
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)



FAF to MAP 4.2 NM

Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 97327 W08A	APP CRS 081°	Rwy Idg 7801 TDZE 3256 Apt Elev 3282

RNAV (GPS) RWY 8

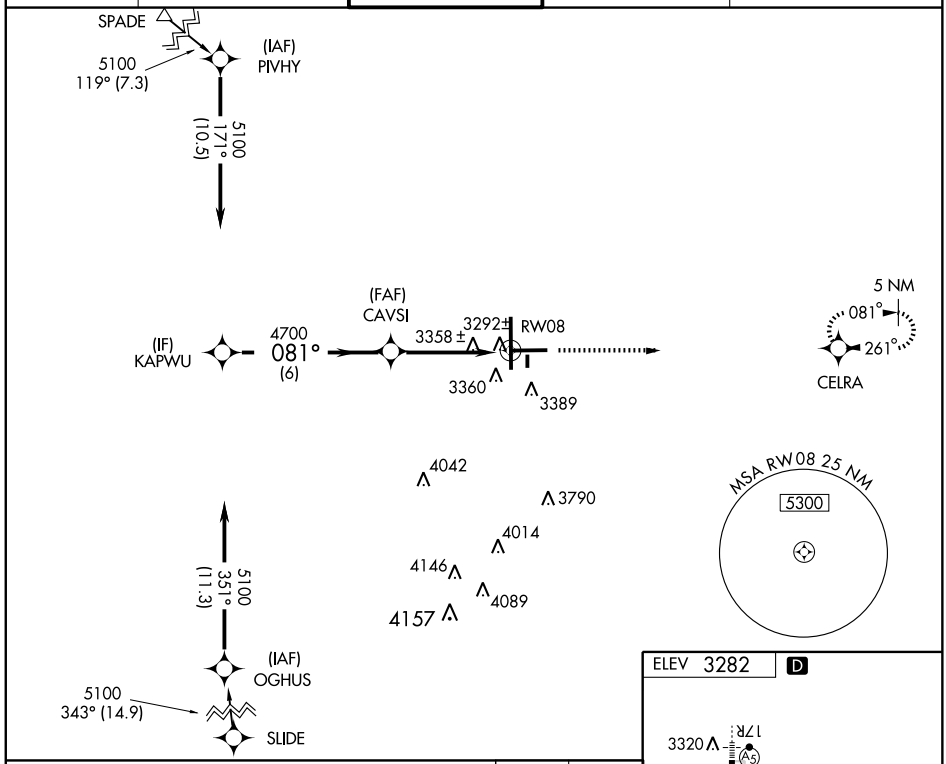
LUBBOCK PRESTON SMITH INTL (LBB)

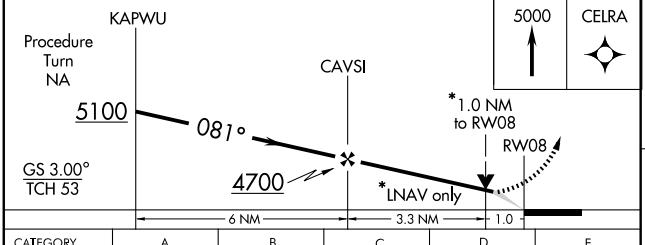
ASR

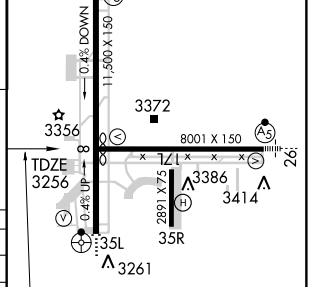
DME/DME RNP-0.3 NA.
BARO-VNAV NA below -21°C (-5°F).

MISSED APPROACH: Climb to 5000 direct CELRA and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55







CATEGORY	A	B	C	D	E
LPV DA	3507-¾ 250 (300-¾)				
LNAV/VNAV DA	3633-1¼ 376 (400-1¼)				
LNAV MDA	3620-1 363 (400-1)			3620-1¼ 363 (400-1¼)	
CIRCLING	3720-1¼ 438 (500-1¼)	3740-1¼ 458 (500-1¼)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	11500
CH 40028	171°	TDZE	3282
W17A		Apt Elev	3282

RNAV (GPS) RWY 17R

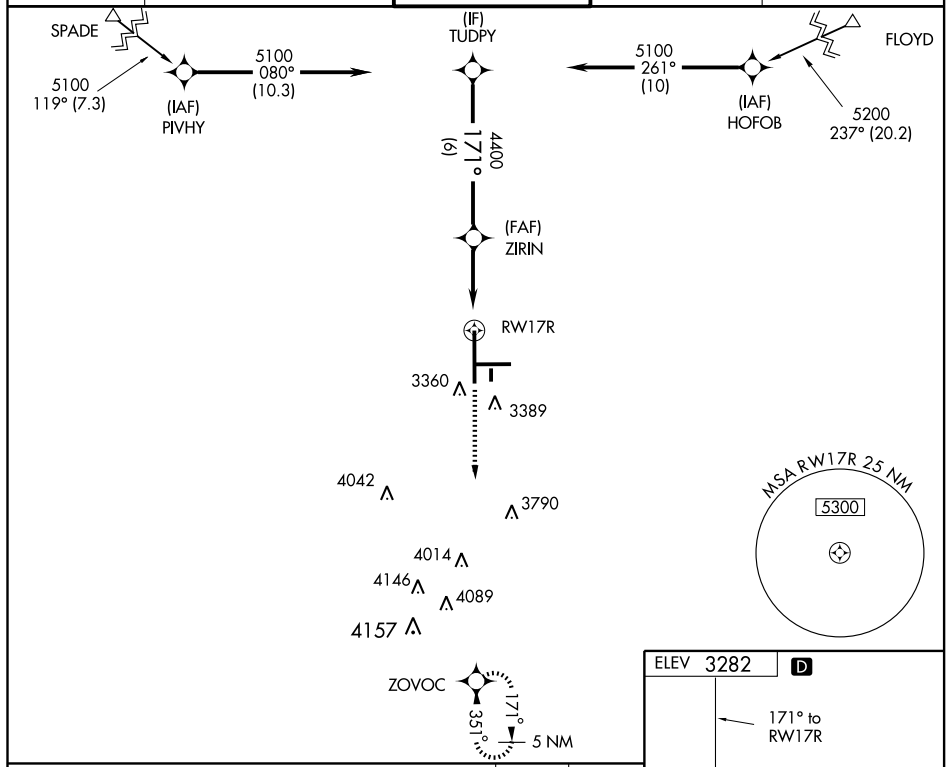
LUBBOCK PRESTON SMITH INTL (LBB)

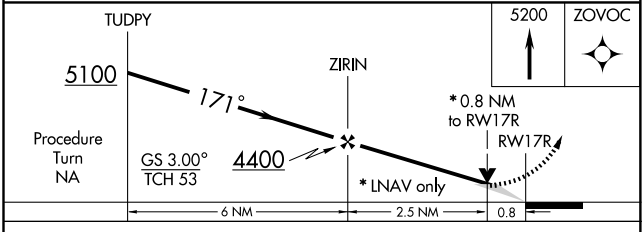
ASR — BARO-VNAV NA below -21°C (-6°F). DME/DME RNP-0.3 NA. For inoperative MALSR increase LPV visibility to RVR 4000 all Cats, LNAV/VNAV Cats A,B to RVR 5000. Inoperative table does not apply to LNAV Cats D,E.

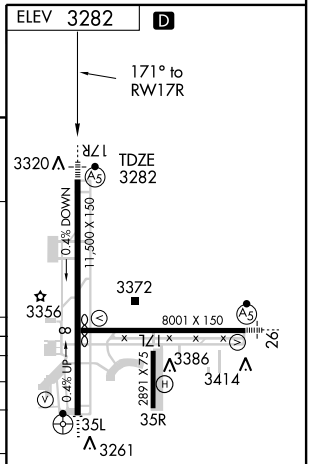
MALSR

MISSED APPROACH: Climb to 5200 direct ZOVOC and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55







CATEGORY	A	B	C	D	E
LPV DA	3532/24 250 (300-½)				
LNAV/VNAV DA	3570/24 288 (300-½)			3570/40 288 (300-¾)	
LNAV MDA	3580/24 298 (300-½)			3580/50 298 (300-1)	
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 45528 W26A	APP CRS 261°	Rwy Idg 8001 TDZE 3256 Apt Elev 3282

RNAV (GPS) RWY 26

LUBBOCK PRESTON SMITH INTL (LBB)

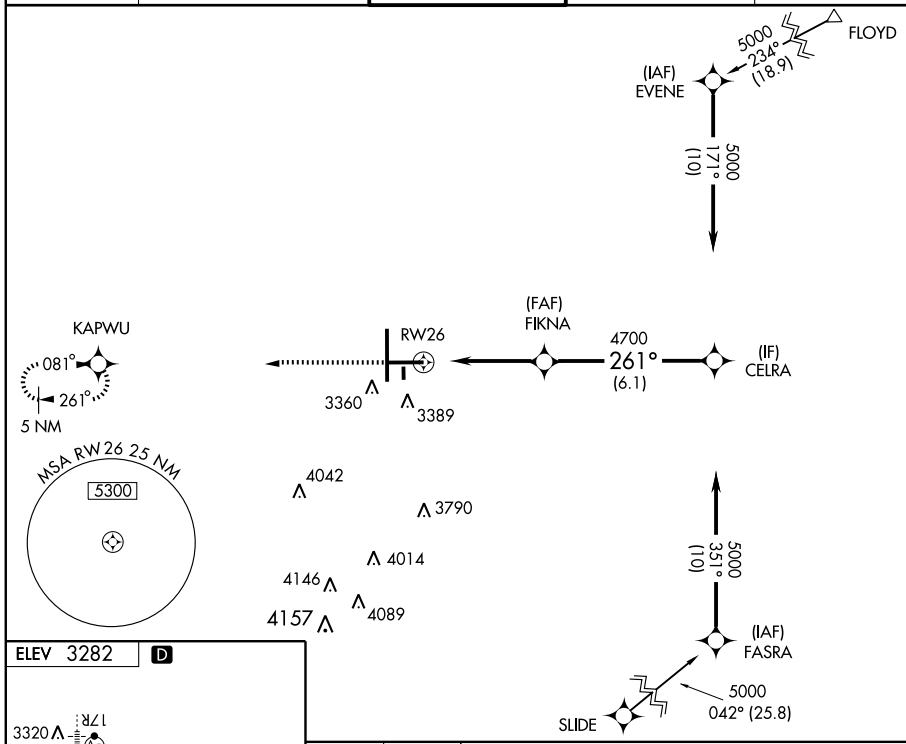
ASR

BARO-VNAV NA below -21°C (-5°F). DME/DME RNP-0.3 NA. For inoperative MALSR increase LPV visibility to RVR 4000 all Cats, LNAV/VNAV Cat E to RVR 6000 and LNAV Cat D visibility to RVR 6000 and Cat E to 1½.

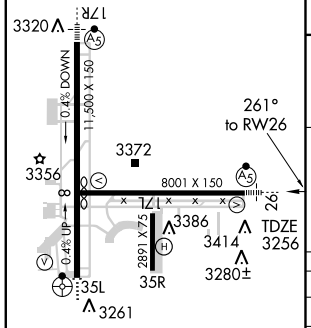
MALSR

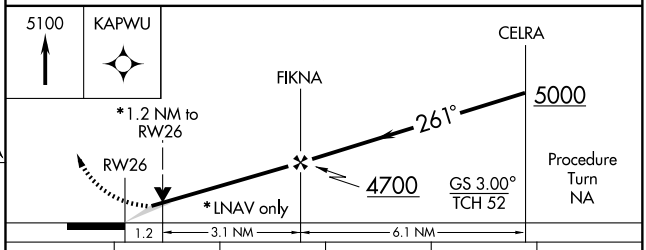
MISSED APPROACH: Climb to 5100 direct KAPWU and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55



ELEV 3282 D





CATEGORY	A	B	C	D	E
LPV DA	3506/24 250 (300-½)				
LNAV/VNAV DA	3609/40 353 (400-¾)				
LNAV MDA	3680/24 424 (500-½)		3680/40 424 (500-¾)	3680/50 424 (500-1)	
CIRCLING	3720-1¼ 438 (500-1¼)	3740-1¼ 458 (500-1¼)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 50128 W35A	APP CRS 351°	Rwy Idg 11500 TDZE 3254 Apt Elev 3282

RNAV (GPS) RWY 35L

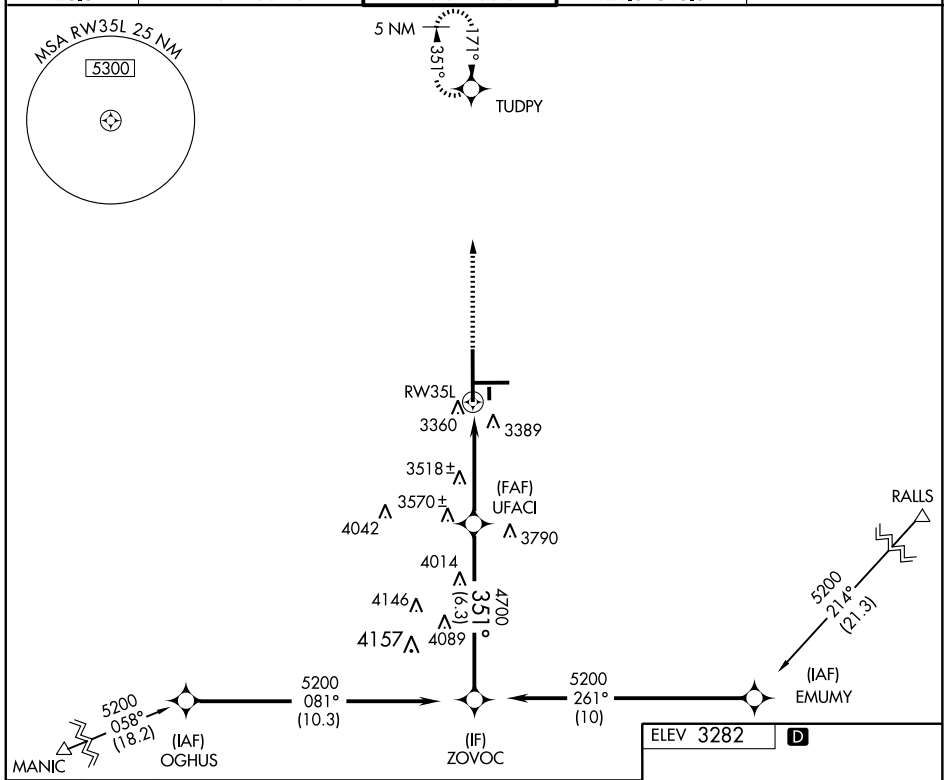
LUBBOCK PRESTON SMITH INTL (LBB)

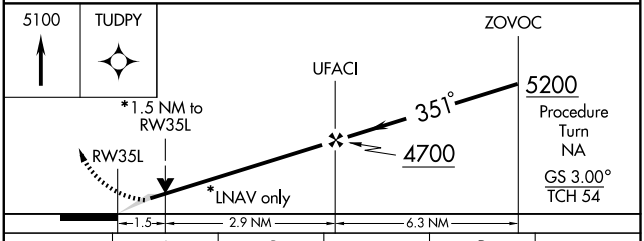
ASR — BARO-VNAV NA below -21°C (-5°F). DME/DME RNP-0.3 NA. Inoperative table does not apply to LPV, LNAV/VNAV all Cats and LNAV Cat C.

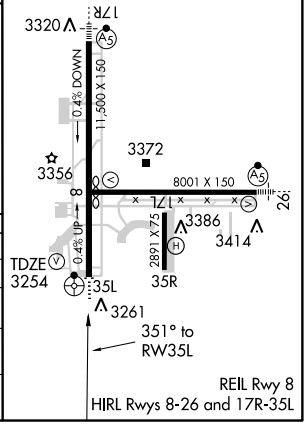
ODALS

MISSED APPROACH: Climb to 5100 direct TUDPY and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55







CATEGORY	A	B	C	D	E
LPV DA	3504-¾ 250 (300-¾)				
LNAV/VNAV DA	3672-1½ 418 (500-1½)				
LNAV MDA	3780-¾ 526 (600-¾)		3780-1½ 526 (600-1½)	3780-1¾ 526 (600-1¾)	
CIRCLING	3780-1½ 498 (500-1½)			3840-2 558 (600-2)	3980-2½ 698 (700-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR LBB	APP CRS	Rwy Idg	NA
109.2	112°	TDZE	NA
Chan 29		Apt Elev	3282

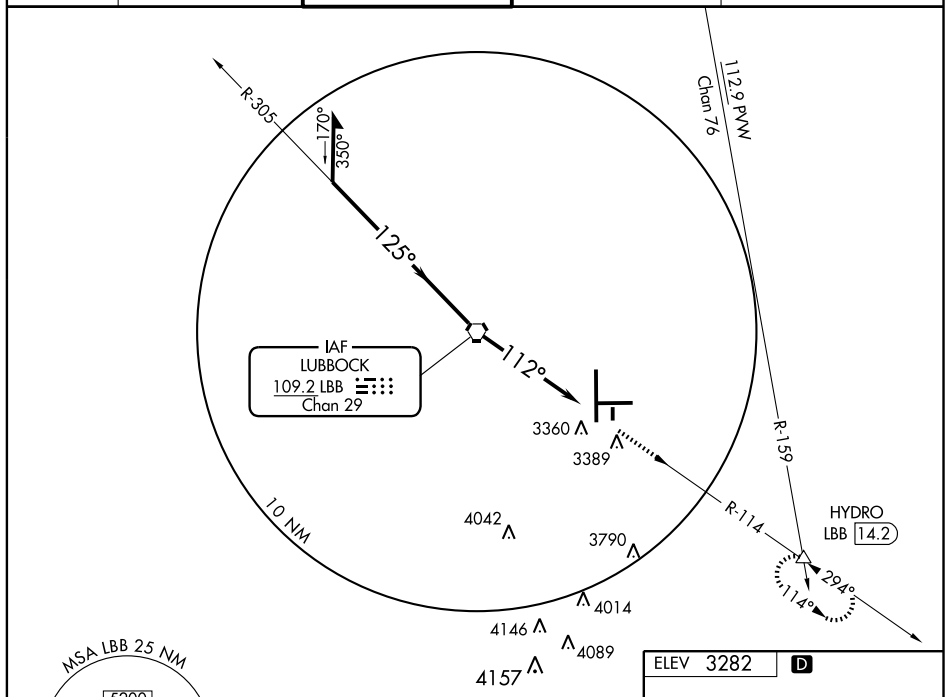
VOR-A

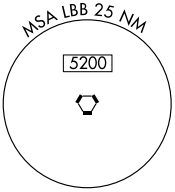
LUBBOCK PRESTON SMITH INTL (LBB)

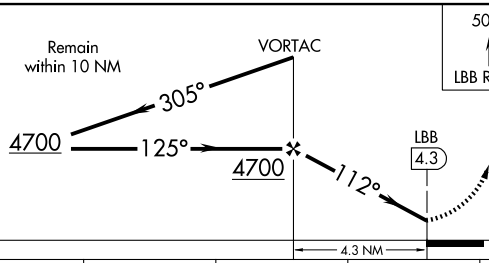
ASR

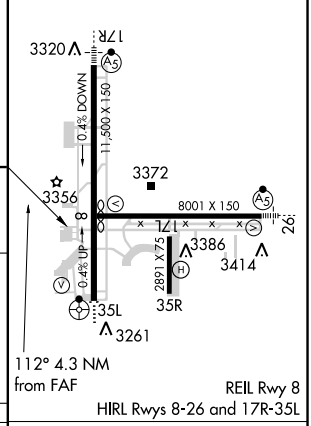
MISSED APPROACH: Climb to 5000 via LBB R-114 to HYDRO Int and hold.

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55









CATEGORY	A	B	C	D
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR LBB	APP CRS	Rwy Idg	8001
109.2	282°	TDZE	3256
Chan 29		Apt Elev	3282

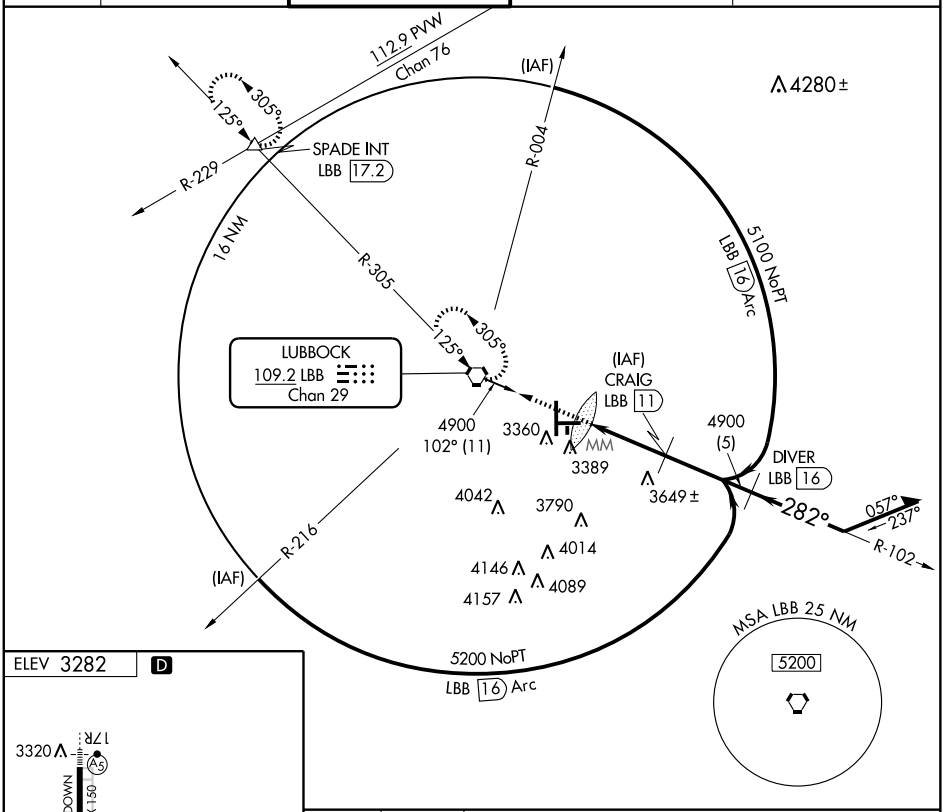
VOR/DME or TACAN RWY 26

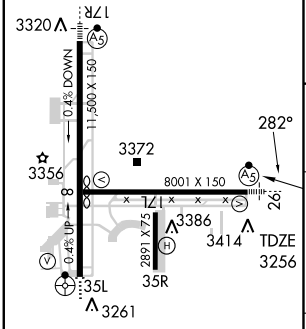
LUBBOCK PRESTON SMITH INTL (LBB)

ASR — Inoperative table does not apply.

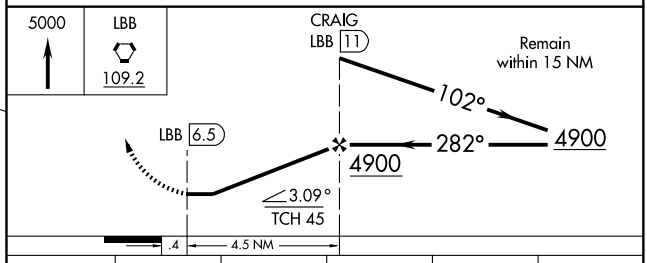
MALSR — MISSED APPROACH: Climb to 5000 direct LBB VORTAC and hold. (TACAN equipped aircraft continue via R-305 to SPADE and hold. Hold NW, left turns 125° inbound.)

ATIS	LUBBOCK APP CON	LUBBOCK TOWER	GND CON	CLNC DEL
125.3	119.2 351.8	120.5 239.3	121.9 348.6	125.8 281.55





REIL Rwy 8
HIRL Rwys 8-26 and 17R-35L



CATEGORY	A	B	C	D	E
S-26	3680-1 424 (400-1)		3680-1¼ 424 (400-1¼)		3680-1½ 424 (400-1½)
CIRCLING	3720-1 438 (500-1)	3740-1 458 (500-1)	3740-1½ 458 (500-1½)	3840-2 558 (600-2)	3980-2½ 698 (700-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-LFK	APP CRS	Rwy Idg	5398
111.3	070°	TDZE	286
		Apt Elev	296

ILS or LOC RWY 7

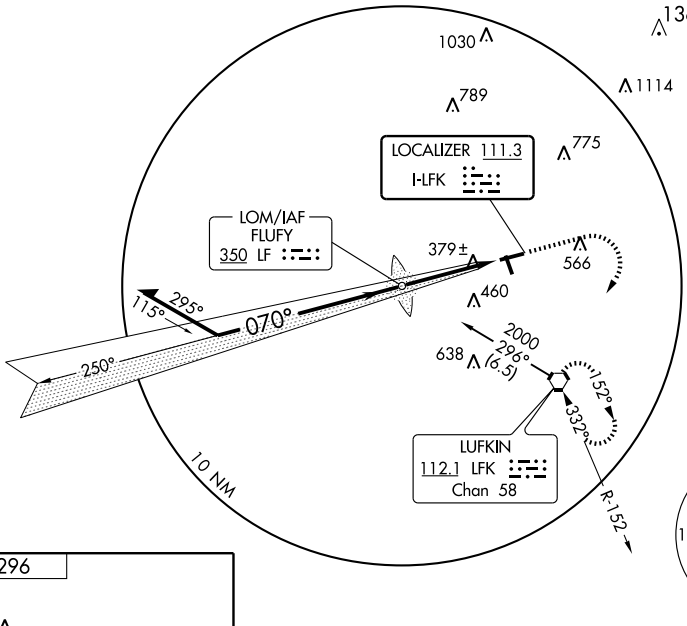
LUFKIN/ANGELINA COUNTY (LFK)

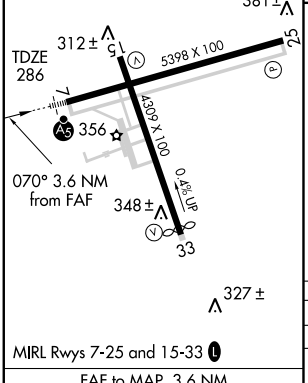
NA Circling NA for Cat D to Rwys 15 and 33.

MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 2000 direct LFK VORTAC and hold.

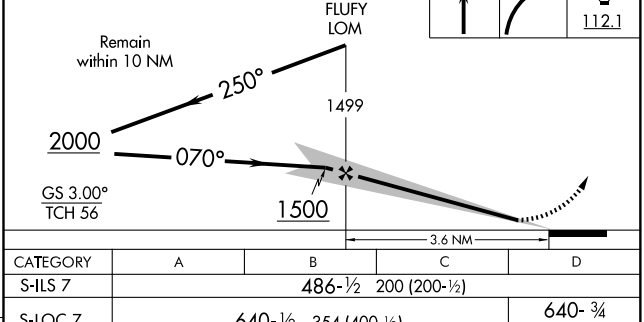
ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L





MIRL Rwys 7-25 and 15-33 L

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12



CATEGORY	A	B	C	D
S-ILS 7	486-½ 200 (200-½)			
S-LOC 7	640-½ 354 (400-½)			640- ¾ 354 (400-¾)
CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	760-1½ 464 (500-1½)	880-2 584 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	5398
CH 50105	070°	TDZE	286
W07A		Apt Elev	296

RNAV (GPS) RWY 7

LUFKIN/ANGELINA COUNTY (LFK)

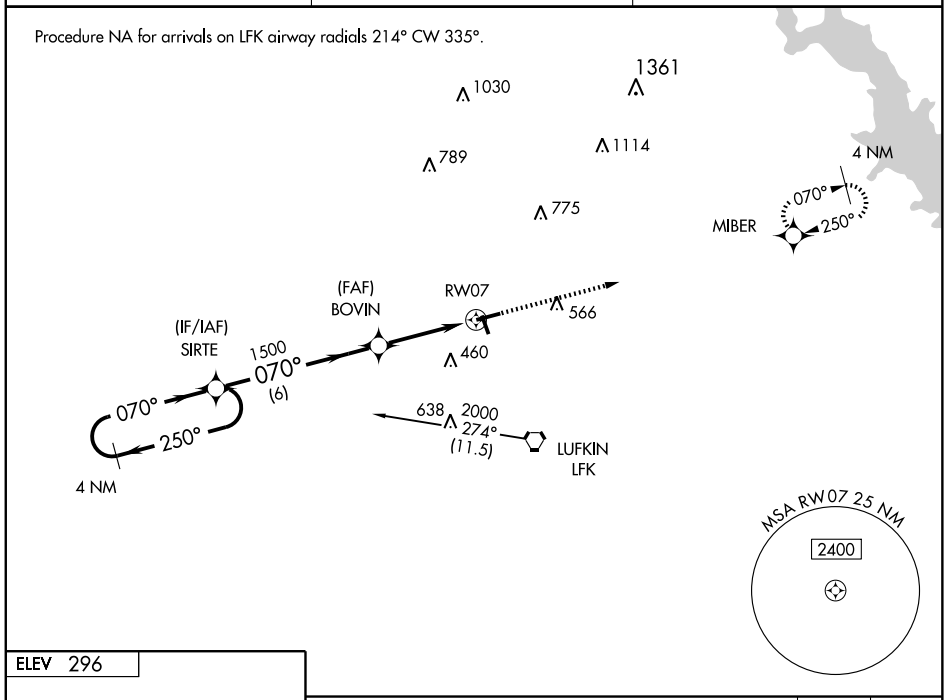
Baro-VNAV NA below -17°C (2°F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV all Cats visibility to ¾, and LNAV Cat D visibility to 1¼ . Circling NA for Cat D to Rwys 15-33.

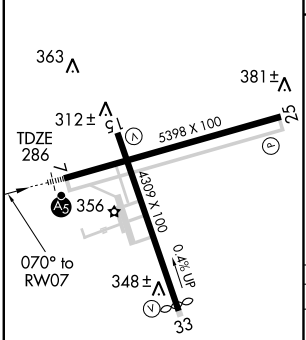
MALSR

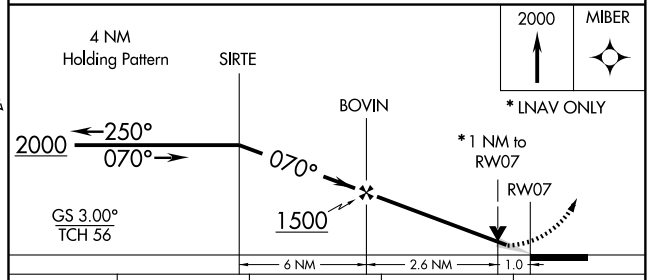
MISSED APPROACH: Climb to 2000 direct MIBER and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L

Procedure NA for arrivals on LFK airway radials 214° CW 335°.







CATEGORY	A	B	C	D
LPV DA	540-½ 254 (300-½)			
LNAV/VNAV DA	620-¾ 334 (400-¾)			
LNAV MDA	660-½ 374 (400-½)			660-1 374 (400-1)
CIRCLING	740-1¼ 444 (500-1¼)	760-1¼ 464 (500-1¼)	760-1½ 464 (500-1½)	880-2 584 (600-2)

MIRL Rwys 7-25 and 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4309
155°	TDZE	289
	Apt Elev	296

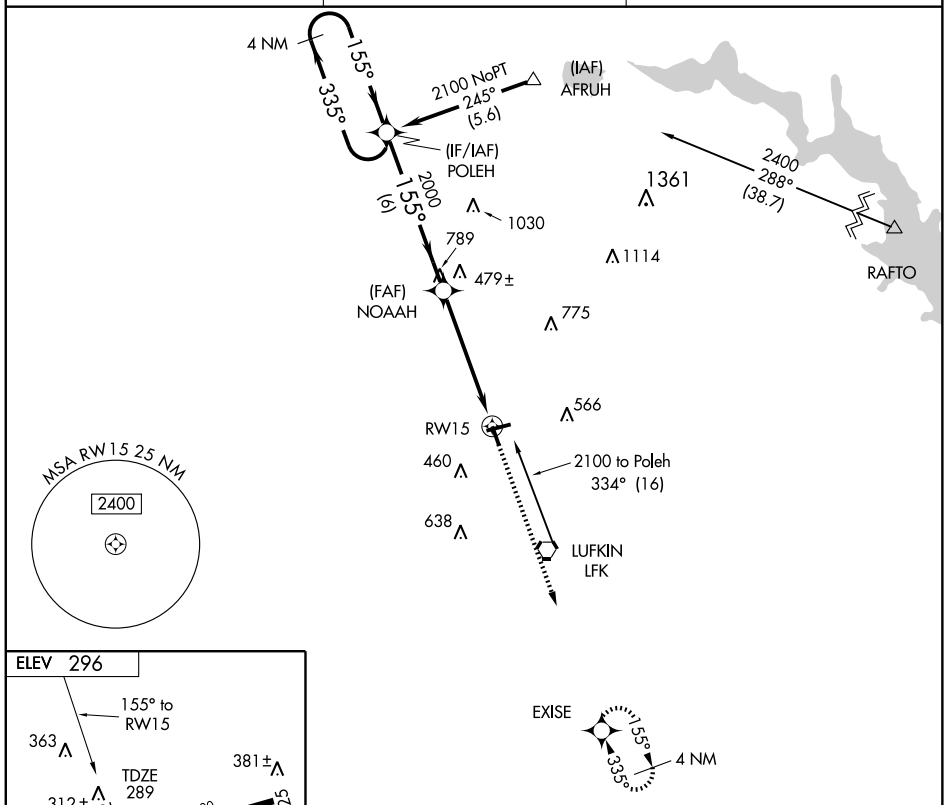
RNAV (GPS) RWY 15

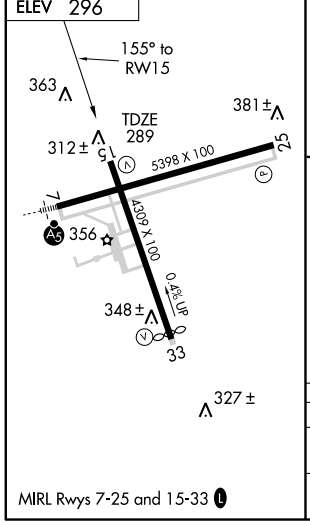
LUFKIN/ANGELINA COUNTY (LFK)

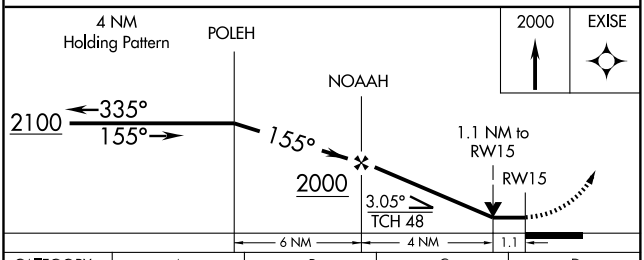
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct EXISE and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	700-1 411 (500-1)		700-1¼ 411 (500-1¼)	NA
CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	760-1½ 464 (500-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5398
250°	TDZE	296
	Apt Elev	296

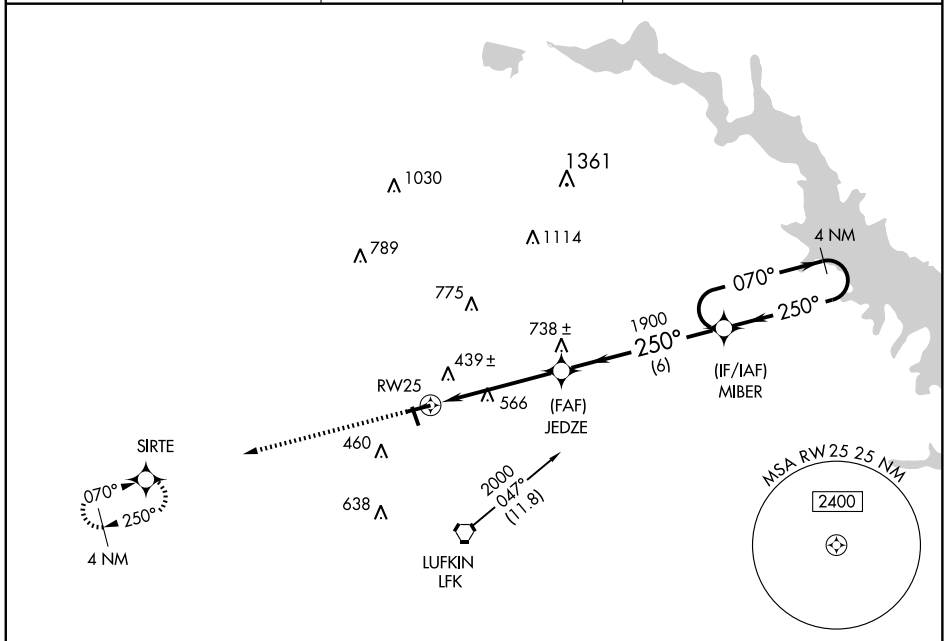
RNAV (GPS) RWY 25

LUFKIN/ANGELINA COUNTY (LFK)

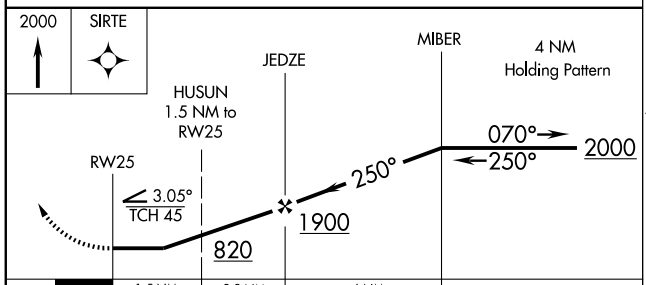
DME/DME RNP- 0.3 NA.
Circling NA for Cat D to Rwys 15-33.

MISSED APPROACH: Climb to 2000 direct SIRTE and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L

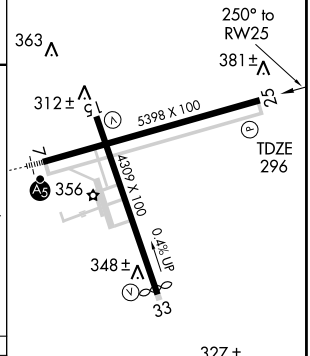


Procedure NA for arrival on LFK VORTAC airway radials 346 CW 107.



CATEGORY	A	B	C	D
LNAV MDA	660-1 364 (400-1)			660-1¼ 364 (400-1¼)
CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	760-1½ 464 (500-1½)	880-2 584 (600-2)

ELEV 296



MIRL Rwys 7-25 and 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

LUFKIN, TEXAS

AL-870 (FAA)

APP CRS	Rwy Idg	4204
335°	TDZE	286
	Apt Elev	296

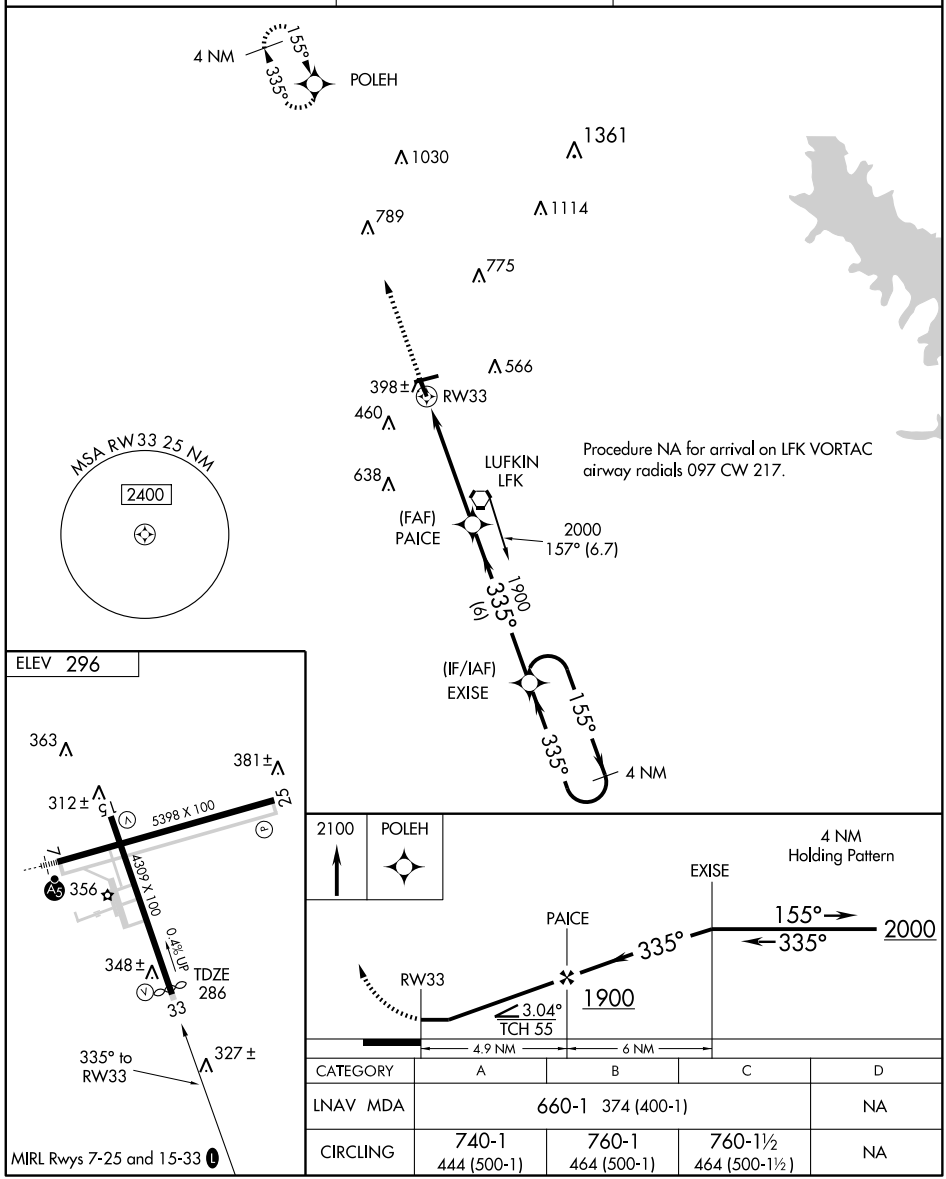
RNAV (GPS) RWY 33

LUFKIN/ ANGELINA COUNTY (LFK)

DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climb to 2100 direct POLEH and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	660-1 374 (400-1)			NA
CIRCLING	740-1 444 (500-1)	760-1 464 (500-1)	760-1½ 464 (500-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC LFK 112.1 Chan 58	APP CRS 152°	Rwy Idg 4309 TDZE 289 Apt Elev 296

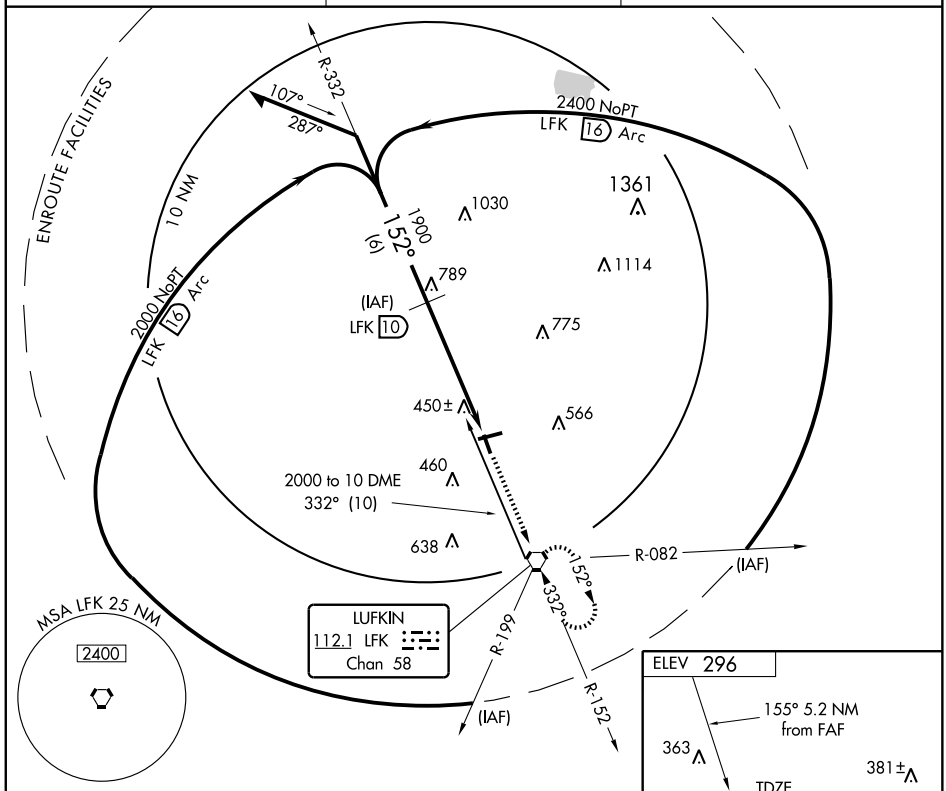
VOR/DME RWY 15

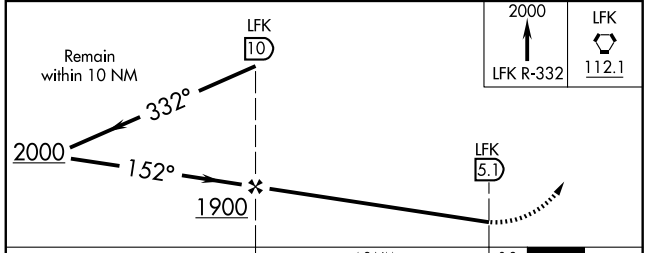
LUFKIN/ANGELINA COUNTY (LFK)

Straight-in minimums NA at night.

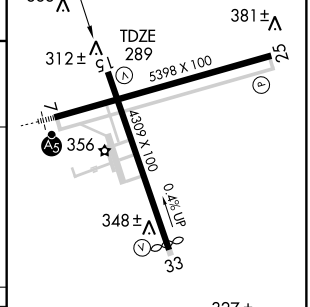
MISSED APPROACH: Climb to 2000 via LFK R-332 to LFK VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L





2000 LFK R-332	LFK 112.1



CATEGORY	A	B	C	D
S-15	700-1 411 (500-1)		700-1¼ 411 (500-1¼)	NA
CIRCLING	760-1 464 (500-1)		760-1½ 464 (500-1½)	NA

MIRL Rwys 7-25 and 15-33 L

SC-5, 17 DEC 2009 to 14 JAN 2010

VORTAC LFK	APP CRS	Rwy Idg	4204
112.1	332°	TDZE	286
Chan 58		Apt Elev	296

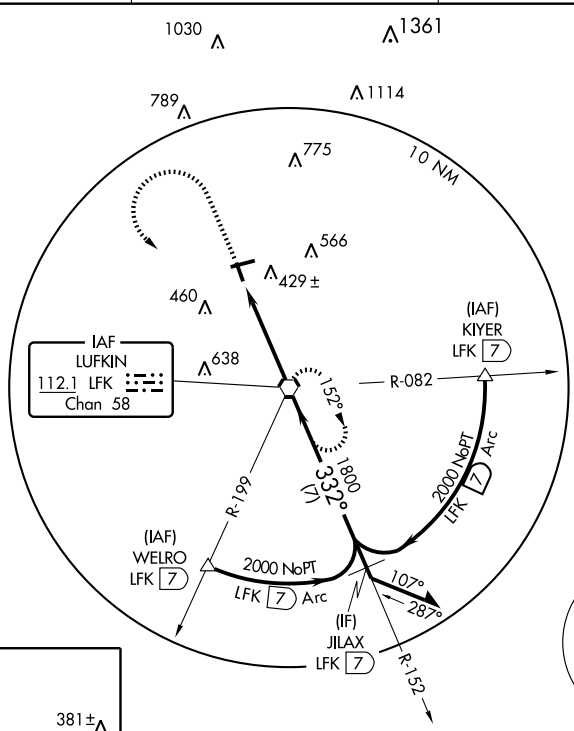
VOR RWY 33

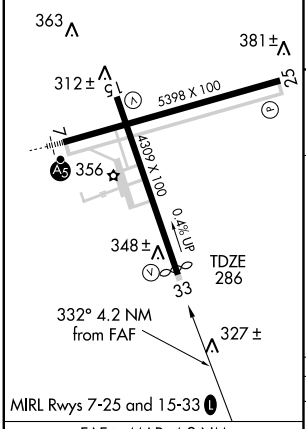
LUFKIN/ANGELINA COUNTY (LFK)

If local altimeter setting not received, use A L Mangham Jr. Rgnl altimeter setting and increase all MDAs 60 feet.
Visibility reduction by helicopters NA.

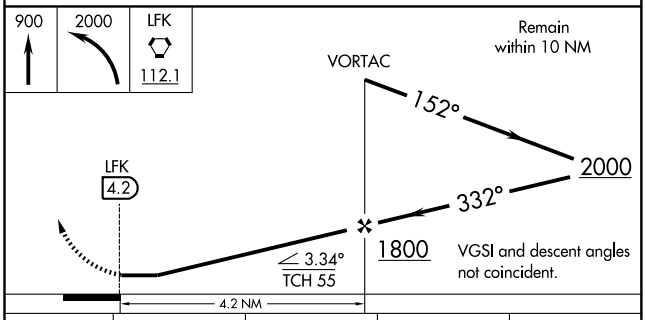
MISSED APPROACH: Climb to 900 then climbing left turn to 2000 direct LFK VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
120.625	125.17 285.57	123.0 (CTAF) L





FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-33	680-1 394 (400-1)			680-1¼ 394 (400-1¼)
CIRCLING	760-1 464 (500-1)		760-1½ 464 (500-1½)	880-2 584 (600-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

MADISONVILLE, TEXAS AL-6843 (FAA)

APP CRS	Rwy Idg	3202
183°	TDZE	287
	Apt Elev	287

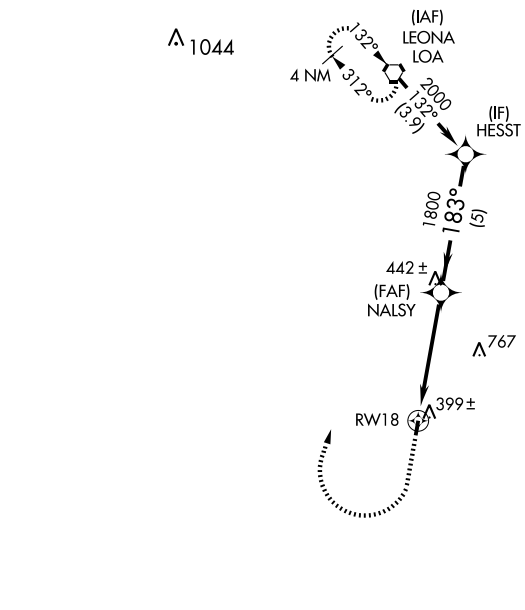
RNAV (GPS) RWY 18

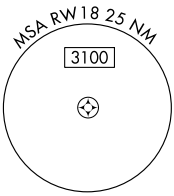
MADISONVILLE MUNI (51R)

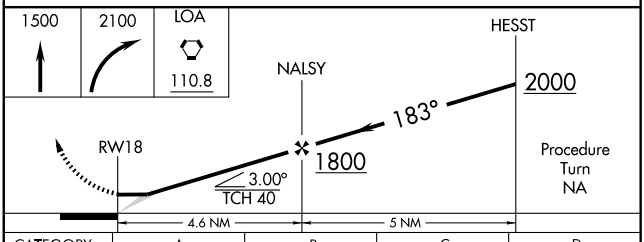
NA Use Huntsville Muni altimeter setting.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 1500, then climbing right turn to 2100 direct LOA VORTAC and hold.

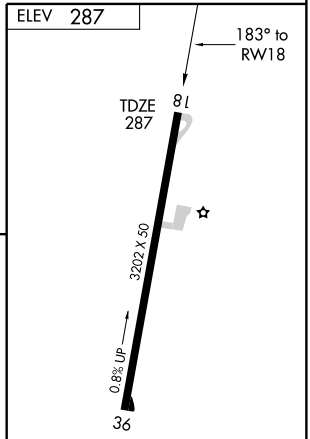
HUNTSVILLE ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9







CATEGORY	A	B	C	D
LNAV MDA	720-1	433 (500-1)	NA	
CIRCLING	780-1	493 (500-1)	NA	



MIRL Rwy 18-36

SC-5, 17 DEC 2009 to 14 JAN 2010

MADISONVILLE, TEXAS

AL-6843 (FAA)

APP CRS	Rwy Idg	3202
003°	TDZE	283
	Apt Elev	287

RNAV (GPS) RWY 36

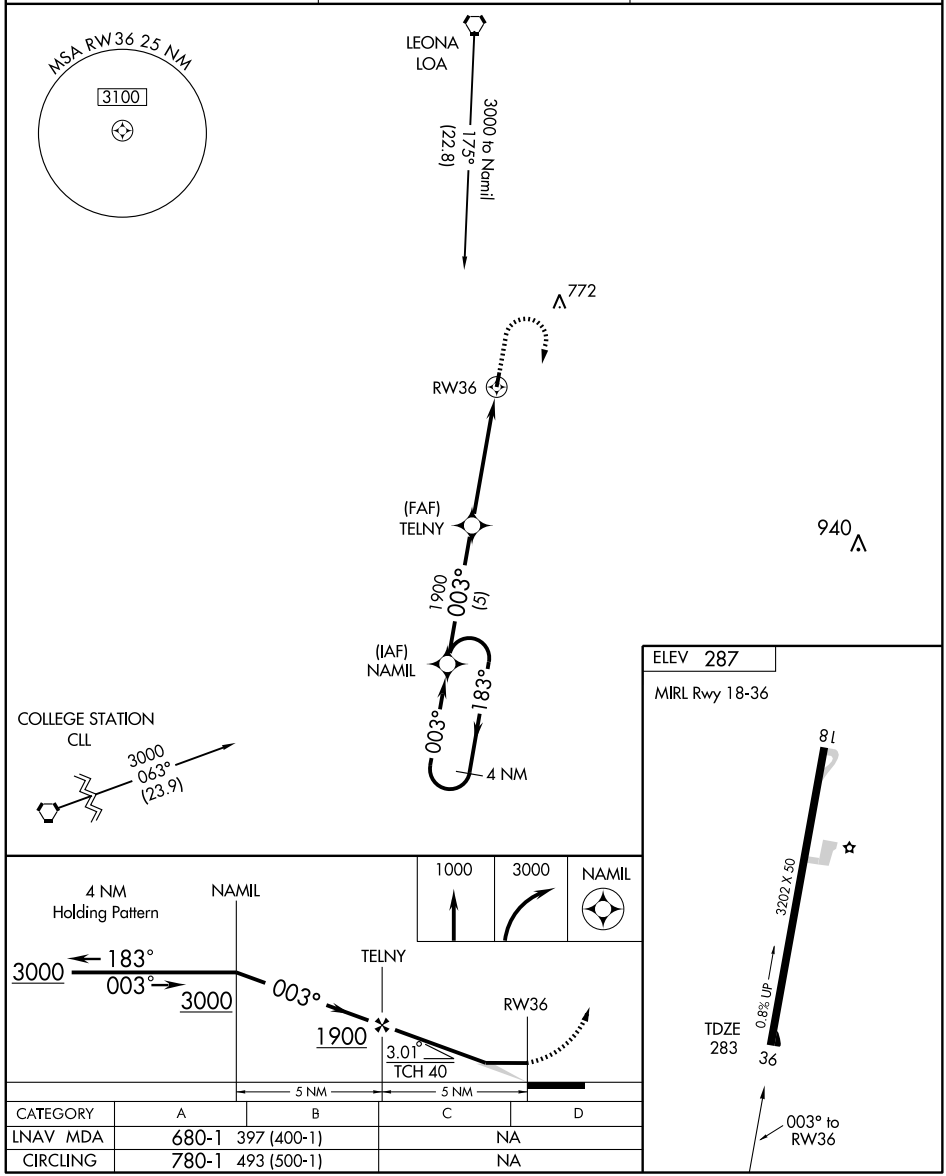
MADISONVILLE MUNI (51R)

NA

Use Huntsville Muni altimeter setting.
GPS or RNP-0.3 required.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 direct NAMIL WP and hold.

HUNTSVILLE ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9



CATEGORY	A	B	C	D
LNAV MDA	680-1	397 (400-1)	NA	
CIRCLING	780-1	493 (500-1)	NA	

SC-5, 17 DEC 2009 to 14 JAN 2010

MADISONVILLE, TEXAS AL-6843 (FAA)

VORTAC LOA	APP CRS	Rwy Idg	3202
110.8	168°	TDZE	287
Chan 45		Apt Elev	287

VOR/DME RWY 18

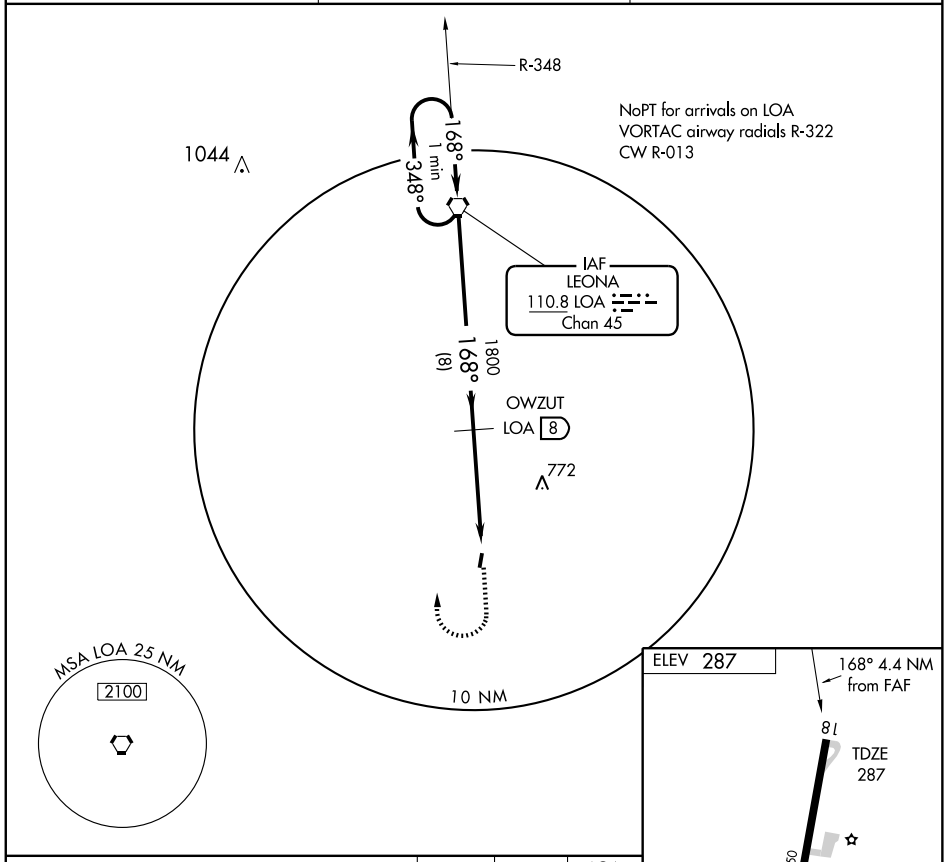
MADISONVILLE MUNI (51R)

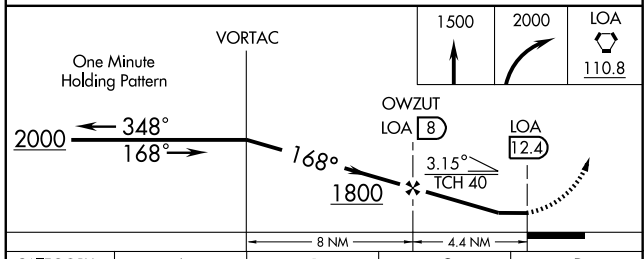
Use Huntsville Muni altimeter setting.

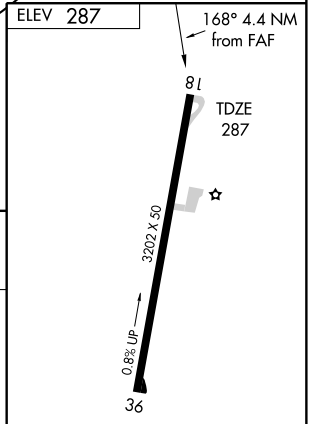
NA

MISSED APPROACH: Climb to 1500, then climbing right turn to 2000 direct LOA VORTAC and hold.

HUNTSVILLE ASOS	HOUSTON CENTER	CTAF
119.425	134.8 269.6	122.9







MIRL Rwy 18-36

CATEGORY	A	B	C	D
S-18	760-1	473 (500-1)	NA	
CIRCLING	780-1	493 (500-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

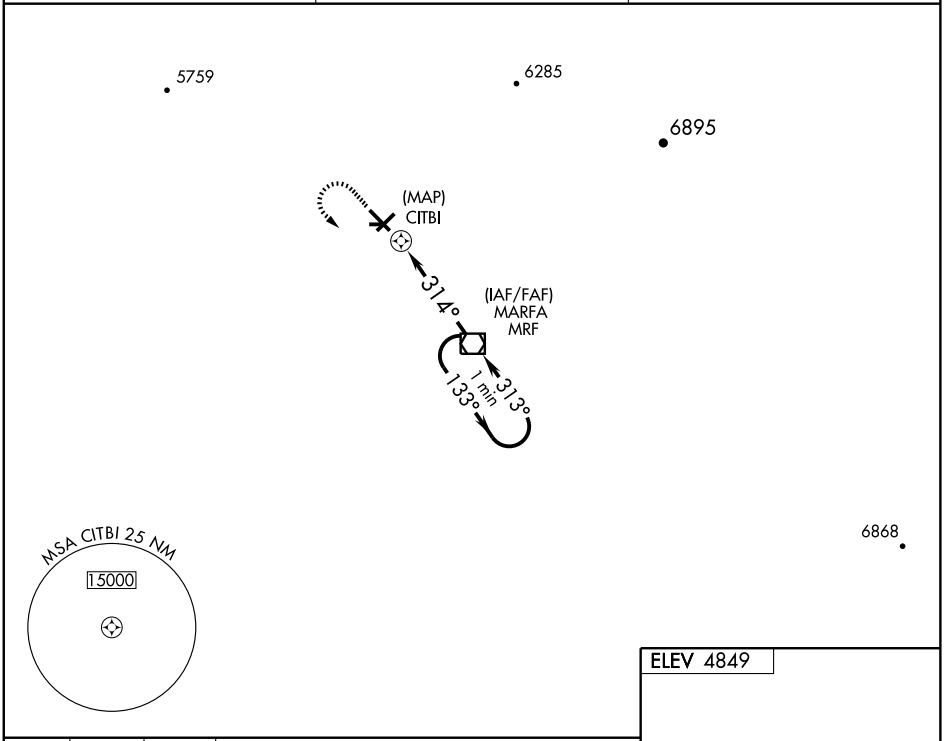
APP CRS	Rwy Idg	6214
314°	TDZE	4840
	Apt Elev	4849

GPS RWY 30
MARFA MUNI (MRF)

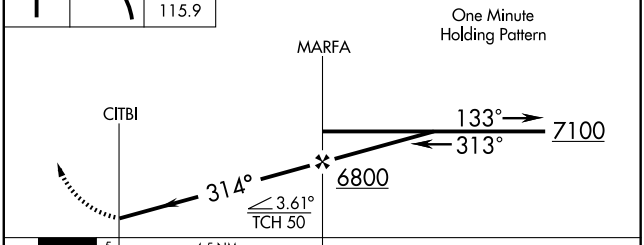
▼ If local altimeter setting not received, procedure not authorized.
▲ NA

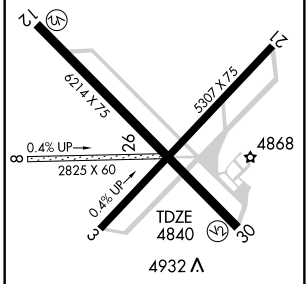
MISSED APPROACH: Climb to 5500 then climbing left turn to 7100 direct MRF VOR/DME and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
134.025	135.875 292.15	122.8 (CTAF) L



5500	7100	MRF
↑	↰	⬡ 115.9





CATEGORY	A	B	C	D
S-30	5200-1 360 (400-1)			5200-1¼ 360 (400-1¼)
CIRCLING	5260-1 411 (500-1)	5300-1 451 (500-1)	5300-1½ 451 (500-1½)	5400-2 551 (600-2)

MIRL Rwy 12-30 L

SC-3, 17 DEC 2009 to 14 JAN 2010

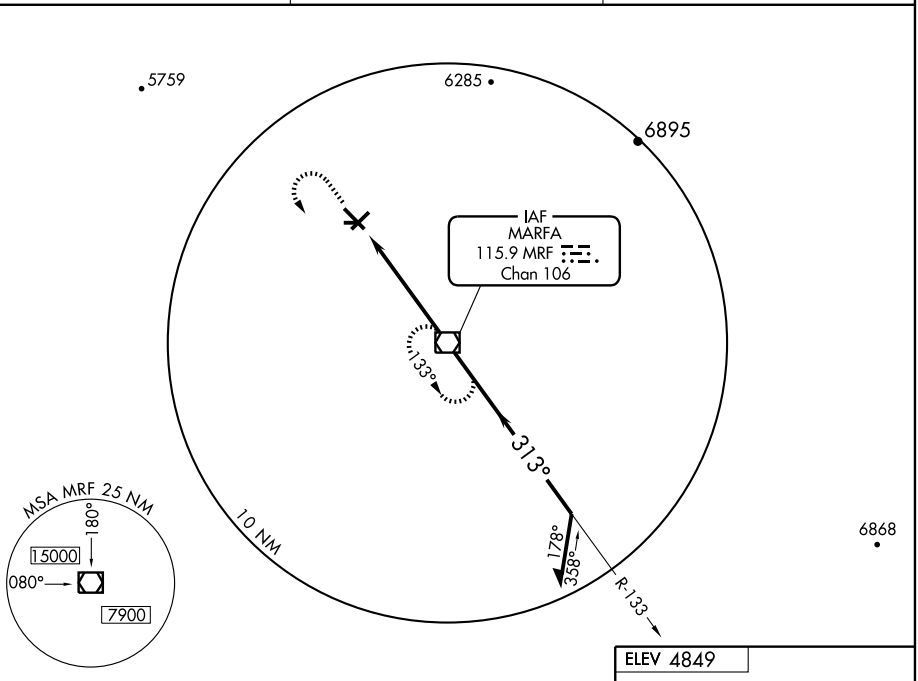
VOR/DME MRF	APP CRS	Rwy Idg	6214
115.9	313°	TDZE	4840
Chan 106		Apt Elev	4849

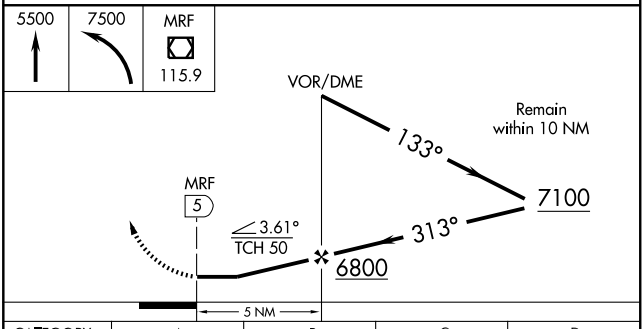
VOR RWY 30
MARFA MUNI (MRF)

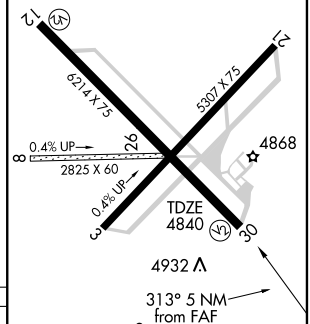
▼ NA — If local altimeter setting not received, procedure not authorized.

MISSED APPROACH: Climb to 5500 then climbing left turn to 7500 direct MRF VOR/DME and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
134.025	135.875 292.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-30	5200-1 360 (400-1)			5200-1¼ 360 (400-1¼)
CIRCLING	5260-1 411 (500-1)	5300-1 451 (500-1)	5300-1½ 451 (500-1½)	5400-2 551 (600-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

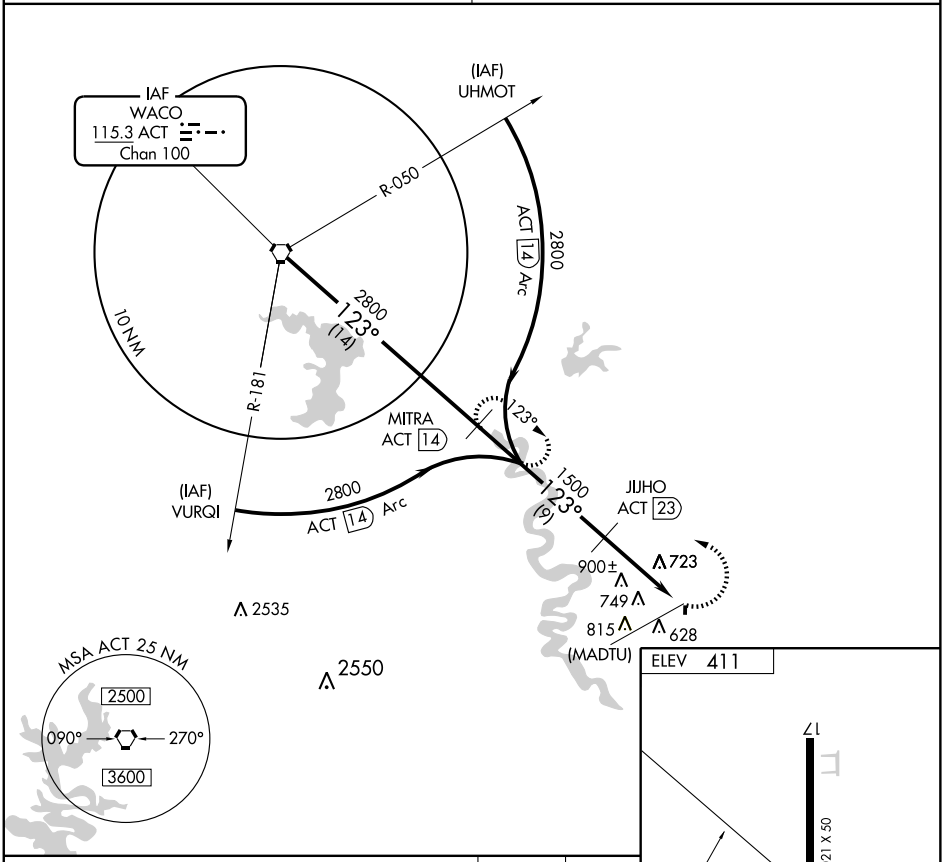
SC-3, 17 DEC 2009 to 14 JAN 2010

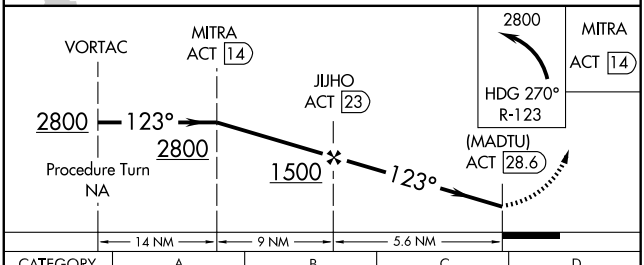
VOR ACT	APP CRS	Rwy Idg	N/A
115.3	123°	TDZE	N/A
Chan 100		Apt Elev	411

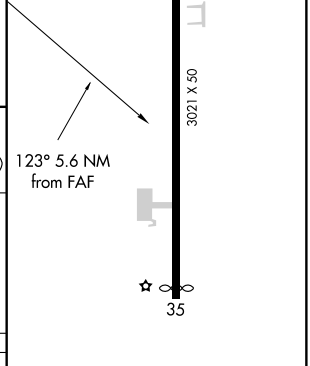
VOR/DME or GPS-A

MARLIN (T15)

⚠ NA Use Waco Rgnl altimeter setting.	MISSED APPROACH: Climbing left turn to 2800 via heading 270° and R-123 to MITRA/14 DME and hold.
WACO APP CON ★ 135.2 352.0	CTAF 120.0







CATEGORY	A	B	C	D
CIRCLING	1280-1 869 (900-1)	1280-1¼ 869 (900-1¼)	NA	

LIRL Rwy 17-35

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
330°	TDZE	346
	Apt Elev	356

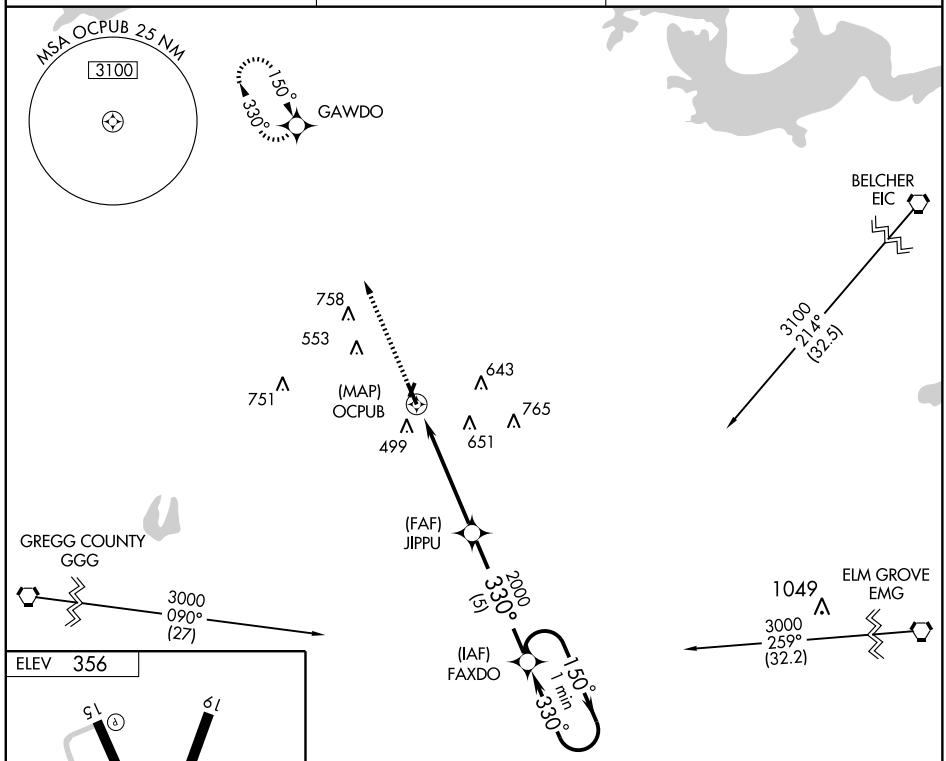
GPS RWY 33

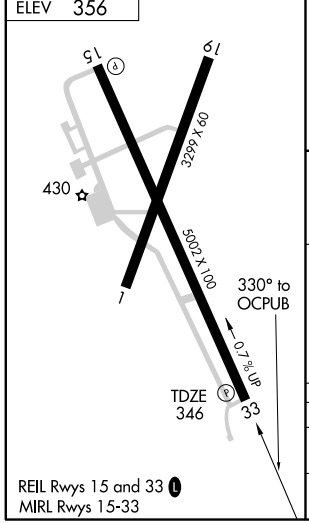
MARSHALL/ HARRISON COUNTY (ASL)

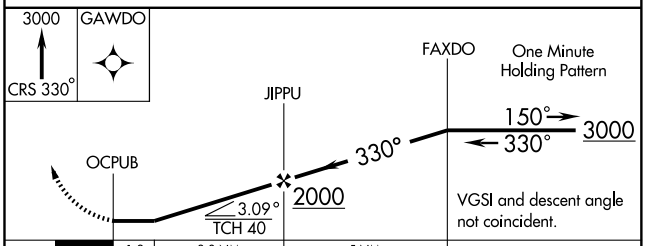
NA

MISSED APPROACH: Climb to 3000 via 330° course to GAWDO and hold.

AWOS-3	SHREVEPORT APP CON ★	UNICOM
118.675	119.9 335.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-33	780-1 434 (500-1)		780-1¼ 434 (500-1¼)	NA
CIRCLING	900-1 544 (600-1)		900-1½ 544 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC GGG 112.3 Chan 70	APP CRS 068°	Rwy Idg N/A TDZE N/A Apt Elev 356

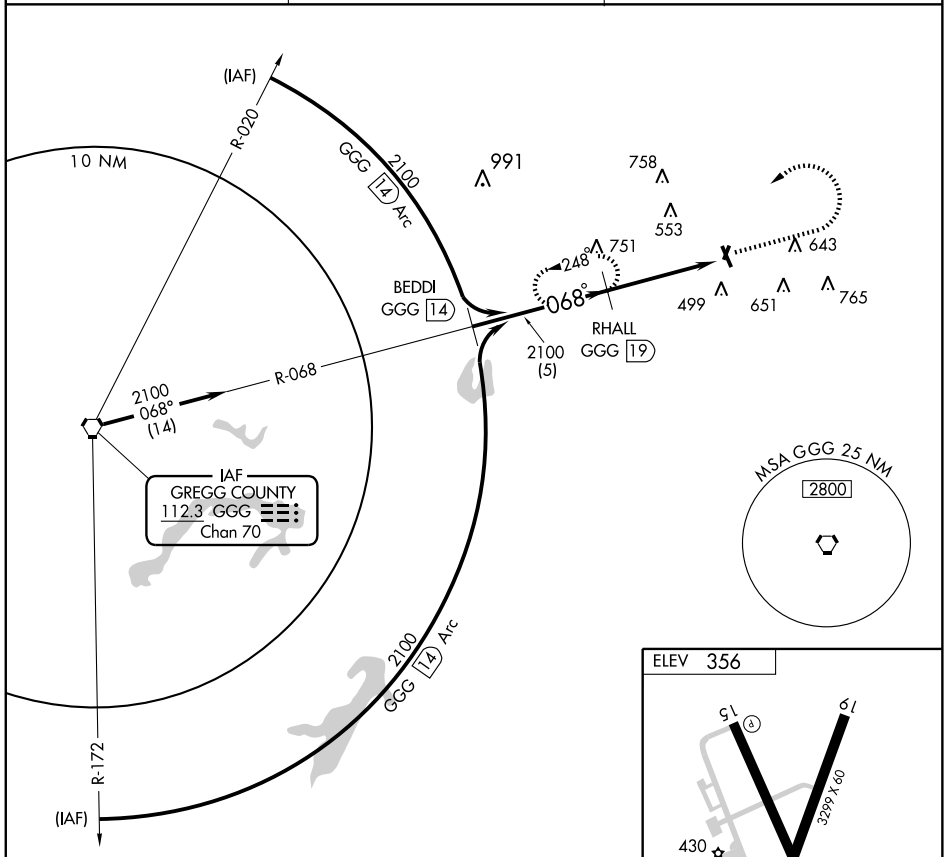
VOR/DME-A

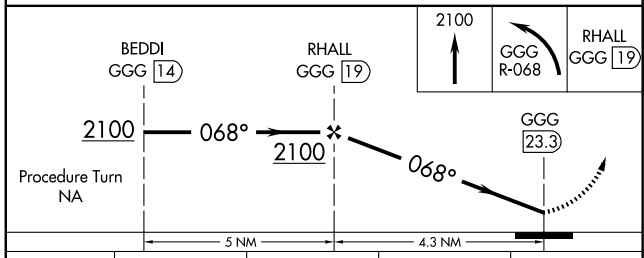
MARSHALL/ HARRISON COUNTY (ASL)

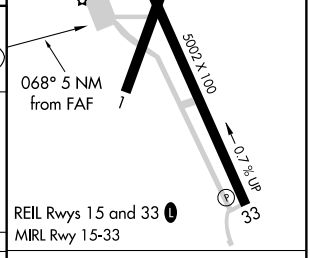
NA

MISSED APPROACH: Climb to 2100 then left turn via GGG R-068 to RHALL/GGG 19 DME and hold.

AWOS-3	SHREVEPORT APP CON ★	UNICOM
118.675	119.9 335.55	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1300-1¼ 944 (1000-1¼)		NA	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

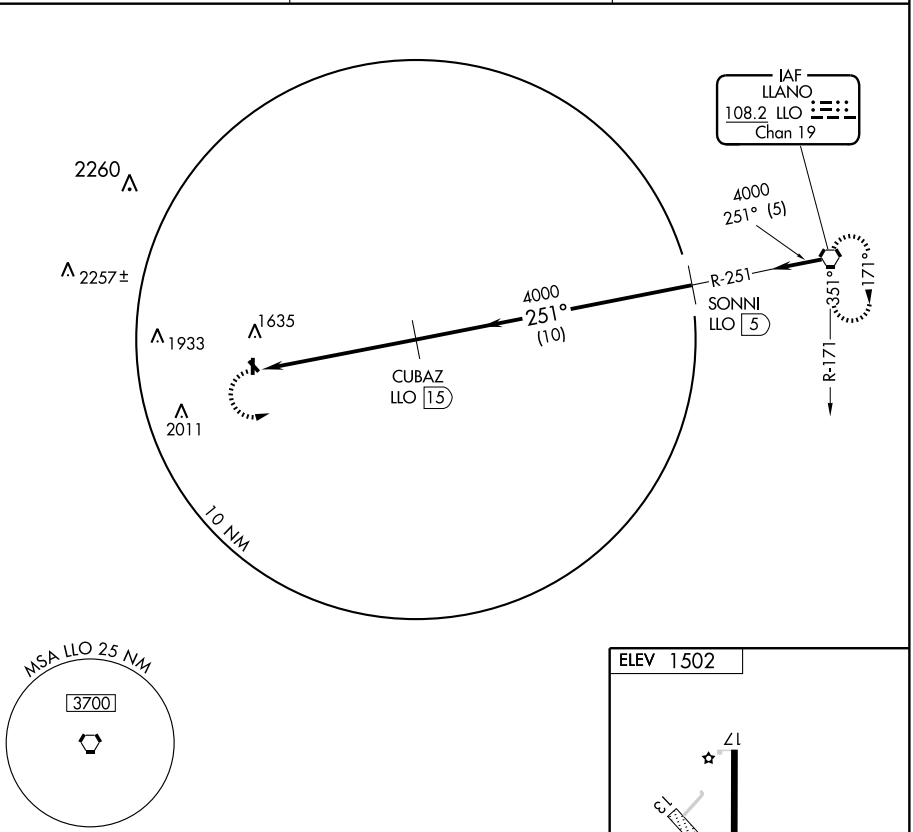
VORTAC LLO 108.2 Chan 19	APP CRS 251°	Rwy Idg N/A TDZE N/A Apt Elev 1502

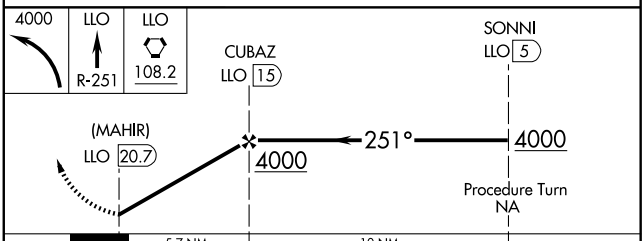
VOR/DME or GPS-A
MASON COUNTY (T92)

Use Curtis Field altimeter setting.
NA

MISSED APPROACH: Climbing left turn to 4000. Return to LLO VORTAC via R-251 and hold.

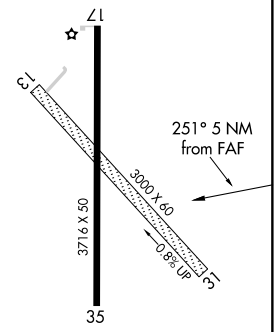
HOUSTON CENTER	CTAF	
132.35 317.5	122.9	123.3 L





CATEGORY	A	B	C	D
CIRCLING	2100-1 598 (600-1)	2100-1¼ 598 (600-1¼)	2100-1½ 598 (600-1½)	NA

ELEV 1502



LIRL Rwy 17-35 L

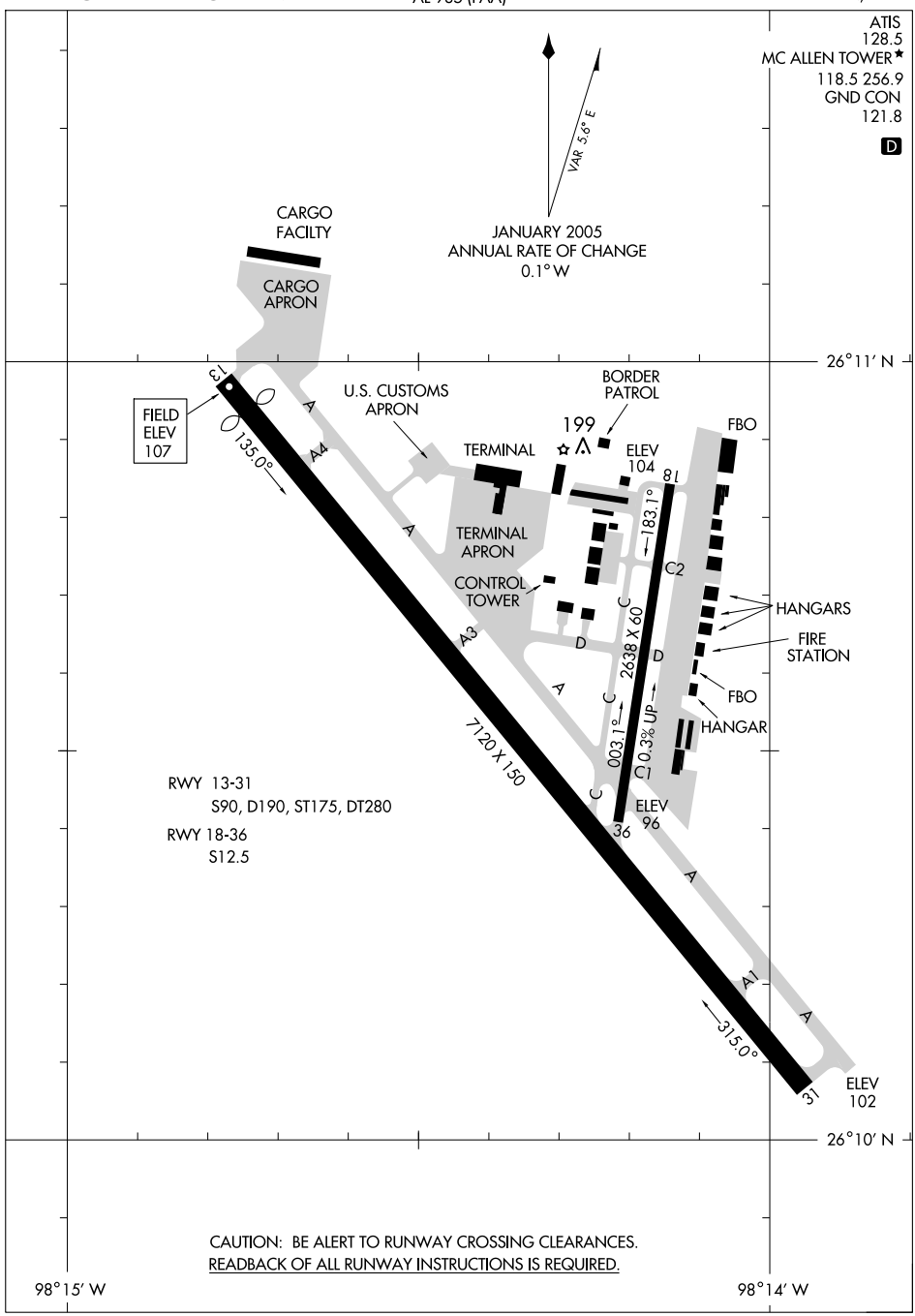
SC-3, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-985 (FAA)

MC ALLEN MILLER INTL (MFE)

MC ALLEN, TEXAS



LOC I-MFE	APP CRS	Rwy Idg	6983
111.7	134°	TDZE	107
Chan 54		Apt Elev	107

ILS or LOC RWY 13

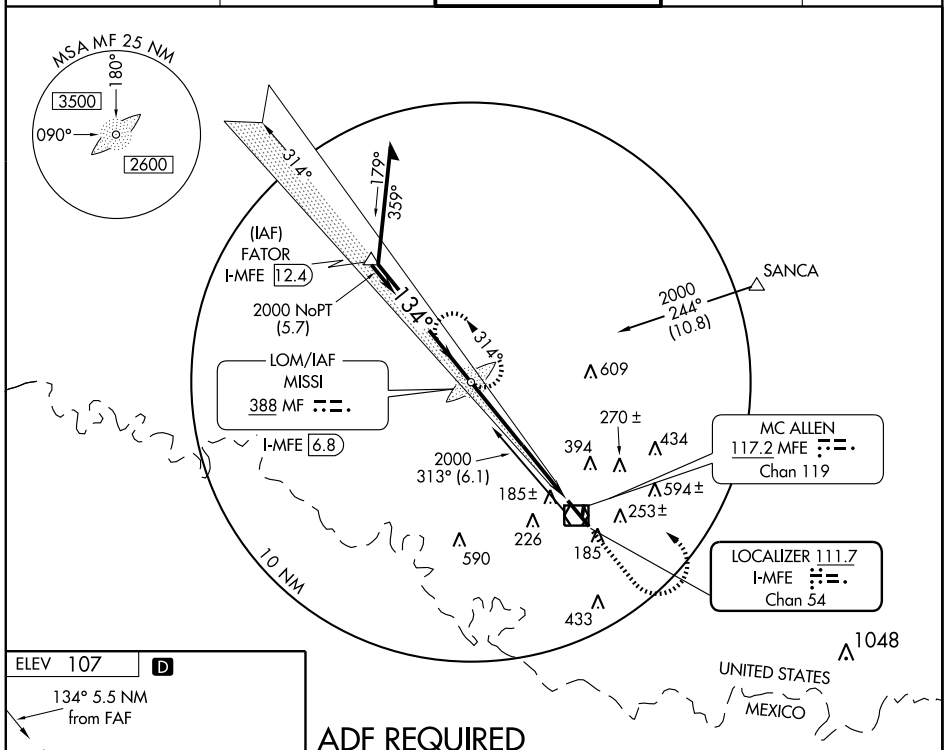
MC ALLEN MILLER INTL (MFE)

Circling not authorized Northeast of Rwy 13-31. ADF required.

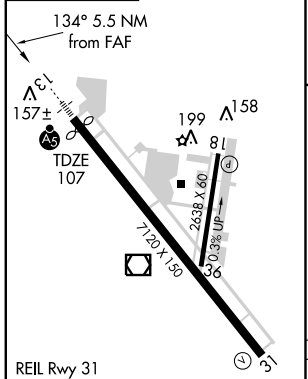
MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2000 direct to MISSI LOM and hold.

ATIS	VALLEY APP CON	MC ALLEN TOWER★	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95

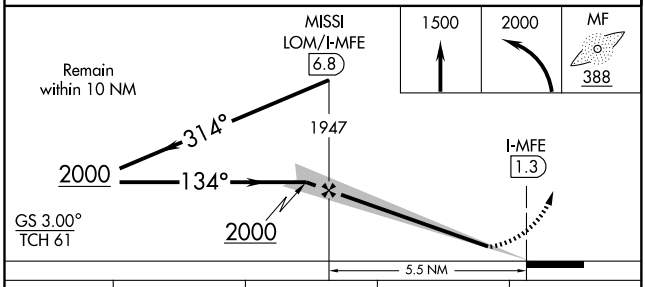


ELEV 107 D



FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

ADF REQUIRED



CATEGORY	A	B	C	D
S-ILS 13	307-½ 200 (200-½)			
S-LOC 13	540-½ 433 (500-½)		540-¾ 433 (500-¾)	540-1 433 (500-1)
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)	660-2 553 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

MC ALLEN, TEXAS

AL-985 (FAA)

LOC/DME I-LLM	APP CRS	Rwy Idg	7120
111.7	315°	TDZE	102
Ch 54		Apt Elev	107

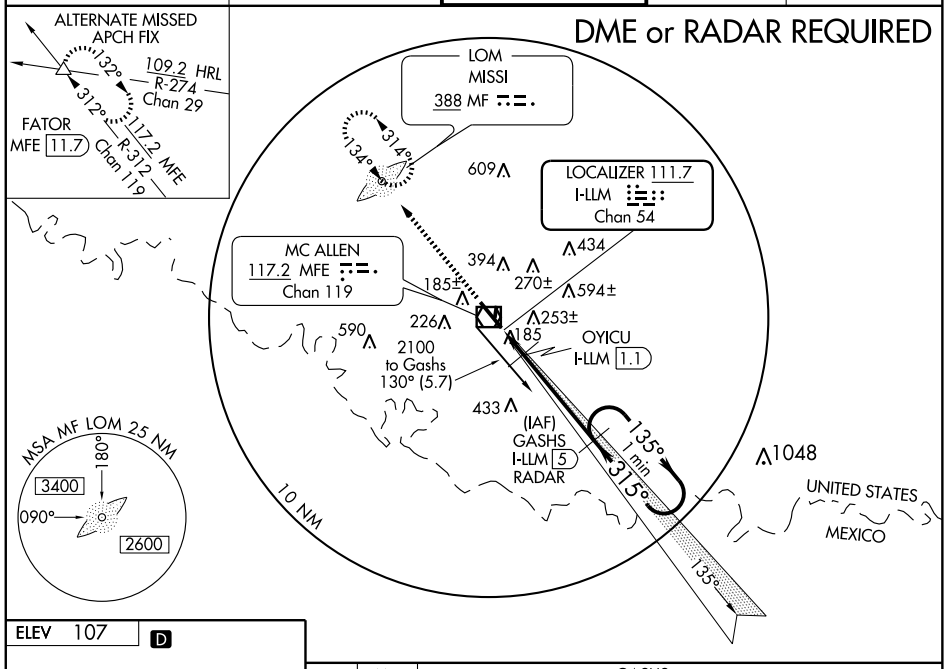
ILS or LOC RWY 31

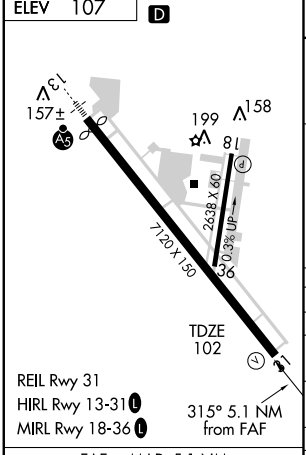
MC ALLEN MILLER INTL (MFE)

Circling NA northest of Rwys 13 and 31. Visibility reduction by helicopters NA. ADF and DME or Radar required. OYICU DME minimums NA when using Valley Intl altimeter. When local altimeter setting not received, use Valley Intl altimeter setting and increase all DA 83 feet and all MDA 100 feet, S-ILS 31 all Cats visibility ¼ mile, S-LOC 31 Cat C visibility ¼ and Cat D ½ mile.

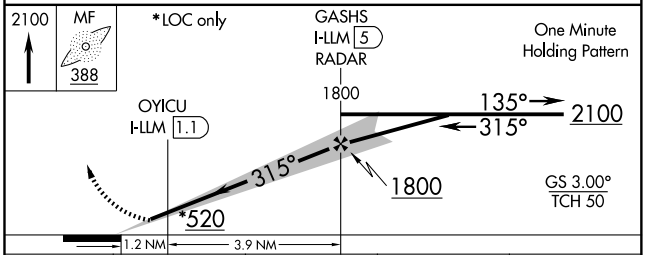
MISSED APPROACH: Climb to 2100 direct MF LOM and hold

ATIS	VALLEY APP CON	MC ALLEN TOWER *	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95





FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-ILS 31	302-¾ 200 (200-¾)			
S-LOC 31	520-1 418 (500-1)		520-1¼ 418 (500-1¼)	
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)	660-2 553 (600-2)
OYICU DME MINIMUMS				
S-LOC 31	440-1 338 (400-1)			
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)	660-2 553 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS		
CH 78400	134°	Rwy Idg	6983
W13A		TDZE	107
		Apt Elev	107

RNAV (GPS) RWY 13

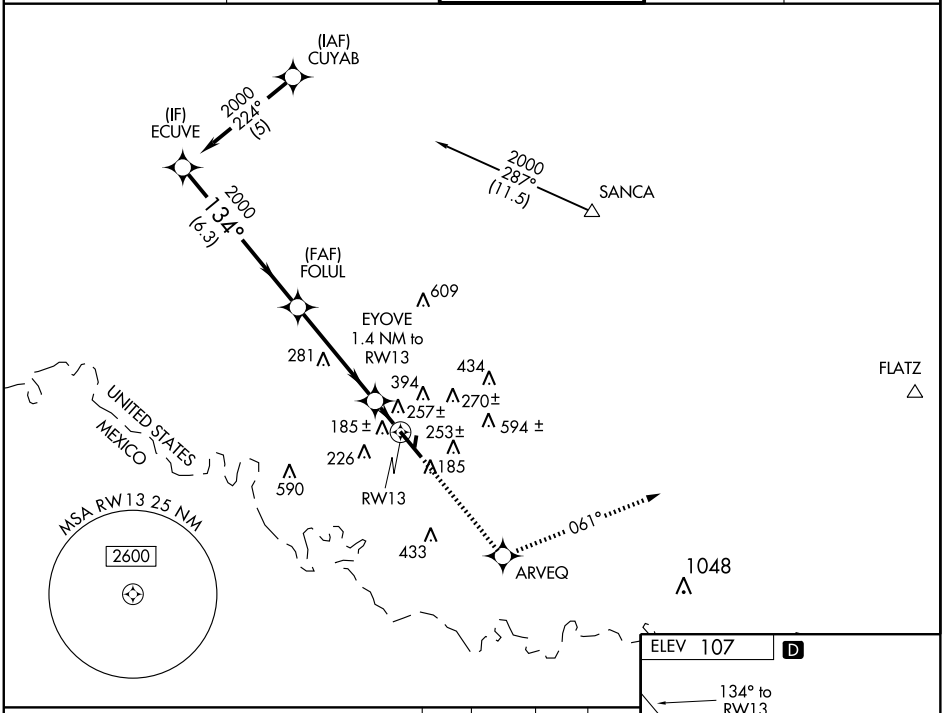
MC ALLEN MILLER INTL (MFE)

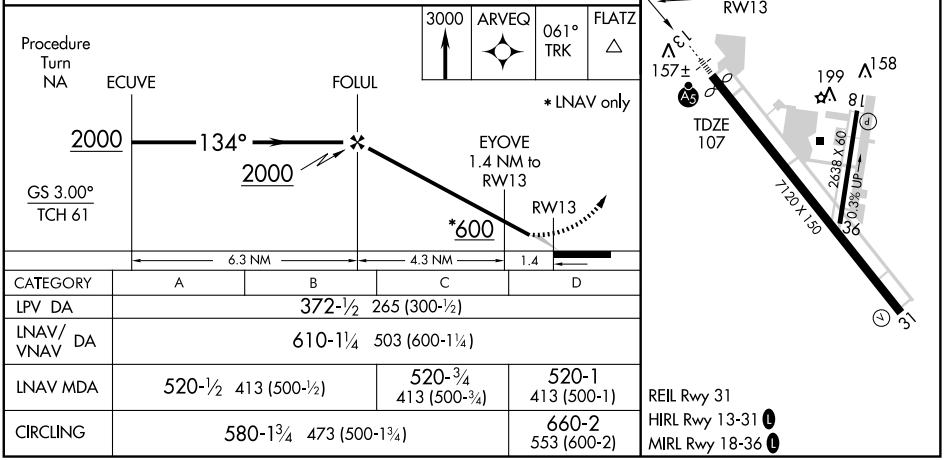
DME/DME RNP-0.3 NA. Circling not authorized northeast of Rwy 13-31. For inoperative MALSR, increase LPV all Cats visibility to ¾ and LNAV Cat D visibility to 1¼. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F).

MALSR

MISSED APPROACH: Climb to 3000 direct ARVEQ and via 061° track to FLATZ.

ATIS	VALLEY APP CON	MC ALLEN TOWER ★	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95





CATEGORY	A	B	C	D
LPV DA	372-½ 265 (300-½)			
LNAV/VNAV DA	610-1¼ 503 (600-1¼)			
LNAV MDA	520-½ 413 (500-½)		520-¾ 413 (500-¾)	520-1 413 (500-1)
CIRCLING	580-1¾ 473 (500-1¾)			660-2 553 (600-2)

REIL Rwy 31
HIRL Rwy 13-31 L
MIRL Rwy 18-36 L

WAAS CH 78001 W31A	APP CRS 314°	Rwy Idg 7120 / TDZE 102 / Apt Elev 107

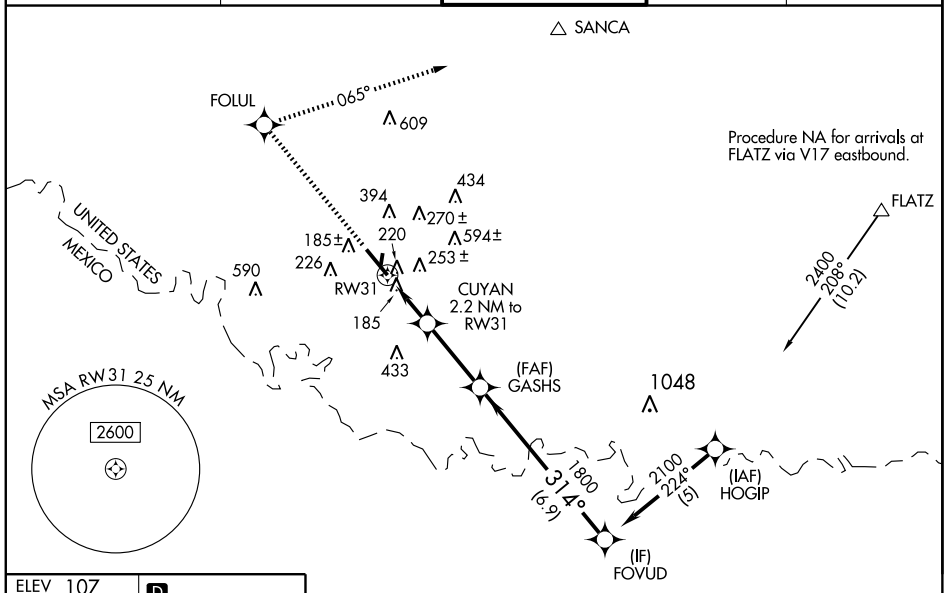
RNAV (GPS) RWY 31

MC ALLEN MILLER INTL (MFE)

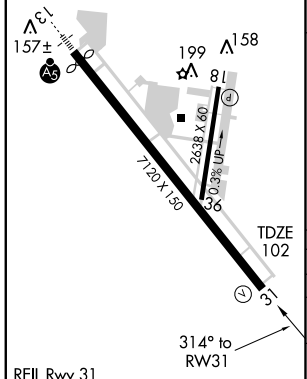
DME/DME RNP-0.3 NA. Circling NA northeast of Rwy 13-31. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Baro-VNAV NA when using Valley Intl altimeter setting. When local altimeter setting not received, use Valley Intl altimeter setting and increase all DA 83 feet and all MDA 100 feet, LPV and LNAV/VNAV all Cats visibility ½ mile, LNAV Cats C and D visibility ¼ mile. VDP NA when using Valley Intl altimeter setting.

MISSED APPROACH: Climb to 2000 direct FOLUL and right turn via 065° track to SANCA.

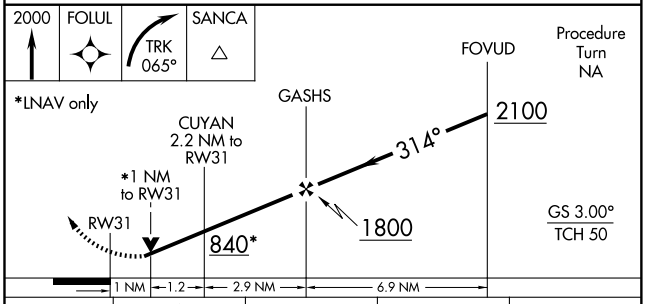
ATIS	VALLEY APP CON	MC ALLEN TOWER *	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95



ELEV 107 D



REIL Rwy 31
HIRL Rwy 13-31 L
MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	424-1 322 (400-1)			
LNAV/VNAV DA	562-1½ 460 (500-1½)			
LNAV MDA	480-1 378 (400-1)			480-1¼ 378 (400-1¼)
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)	660-2 553 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME MFE	APP CRS	Rwy Idg	6983
117.2	134°	TDZE	107
Chan 119		Apt Elev	107

VOR RWY 13

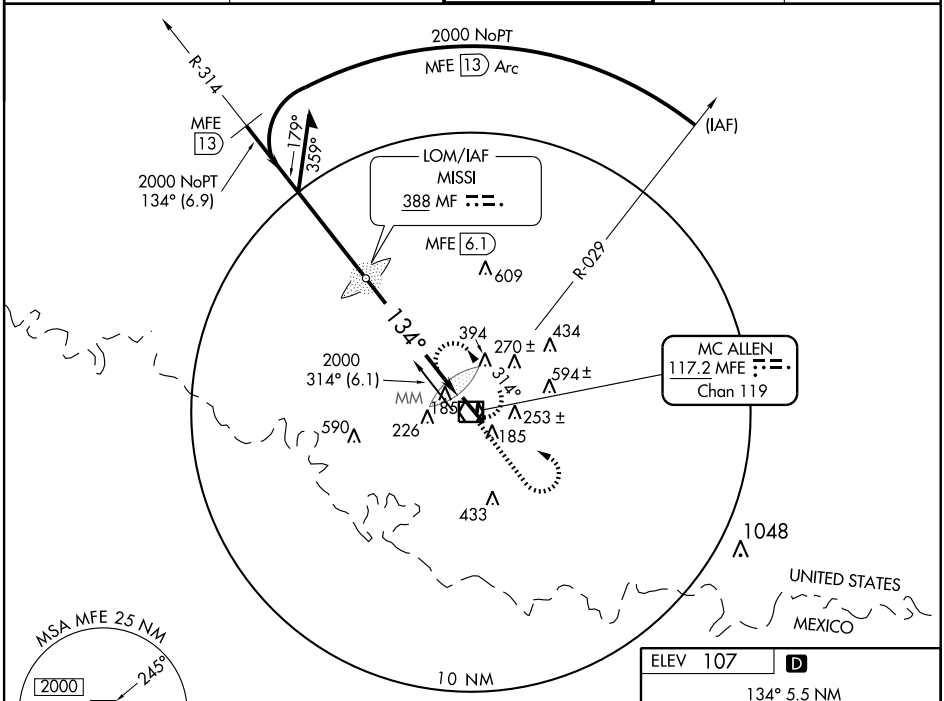
MC ALLEN MILLER INTL (MFE)

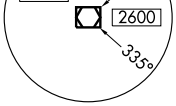
Circling not authorized Northeast of Rwy 13-31.

MALSR

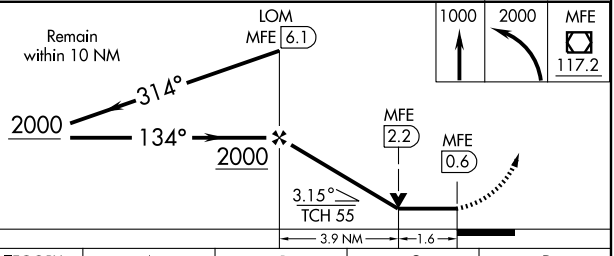
MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct MFE VOR/DME and hold.

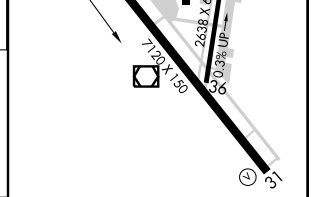
ATIS	VALLEY APP CON	MC ALLEN TOWER★	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95





ADF or DME REQUIRED





REIL Rwy 31
HIRL Rwy 13-31 L
MIRL Rwy 18-36 L

CATEGORY	A	B	C	D
S-13	600-½ 493 (500-½)		600-¾ 493 (500-¾)	600-1 493 (500-1)
CIRCLING	600-1 493 (500-1)		600-1½ 493 (500-1½)	660-2 553 (600-2)

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-3, 17 DEC 2009 to 14 JAN 2010

MC ALLEN, TEXAS

AL-985 (FAA)

VOR/DME MFE	APP CRS	Rwy Idg	7120
117.2	305°	TDZE	102
Chan 119		Apt Elev	107

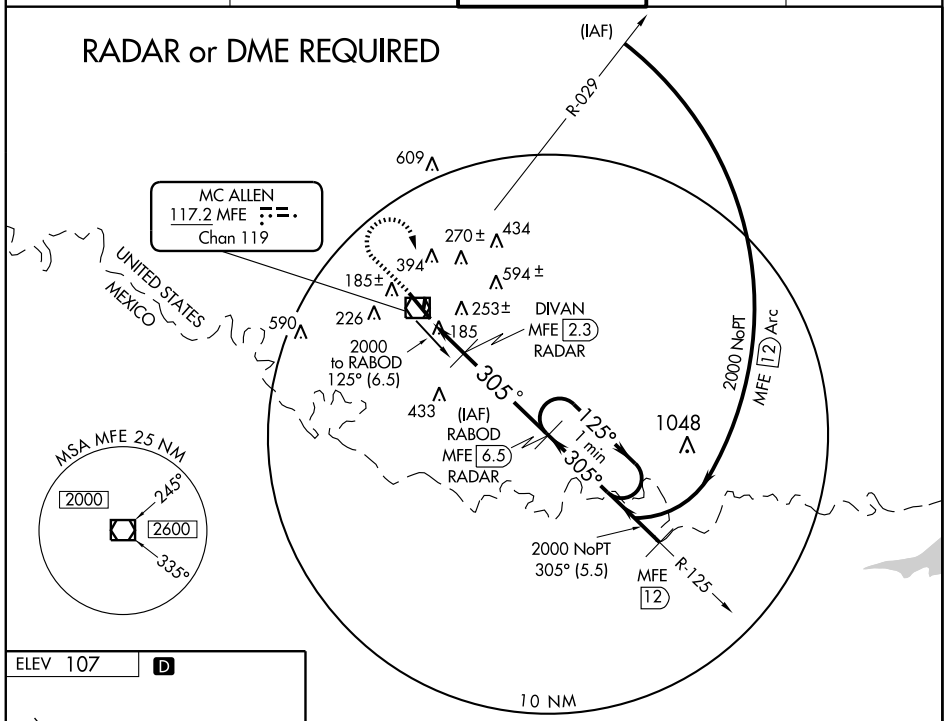
VOR RWY 31

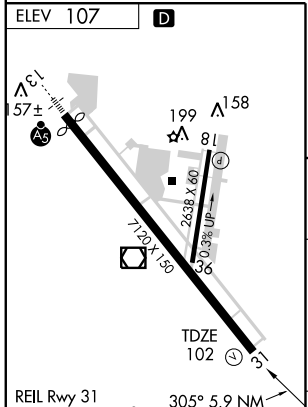
MC ALLEN MILLER INTL (MFE)

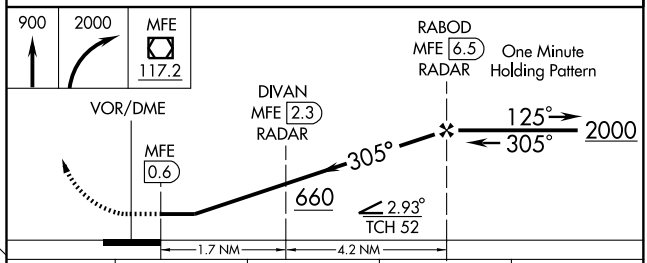
T Circling not authorized Northeast of Rwy 13-31.

MISSED APPROACH: Climb to 900 then climbing right turn to 2000 direct MFE VOR/DME.

ATIS	VALLEY APP CON	MC ALLEN TOWER*	GND CON	UNICOM
128.5	121.0 377.2	118.5 (CTAF) L 256.9	121.8	122.95





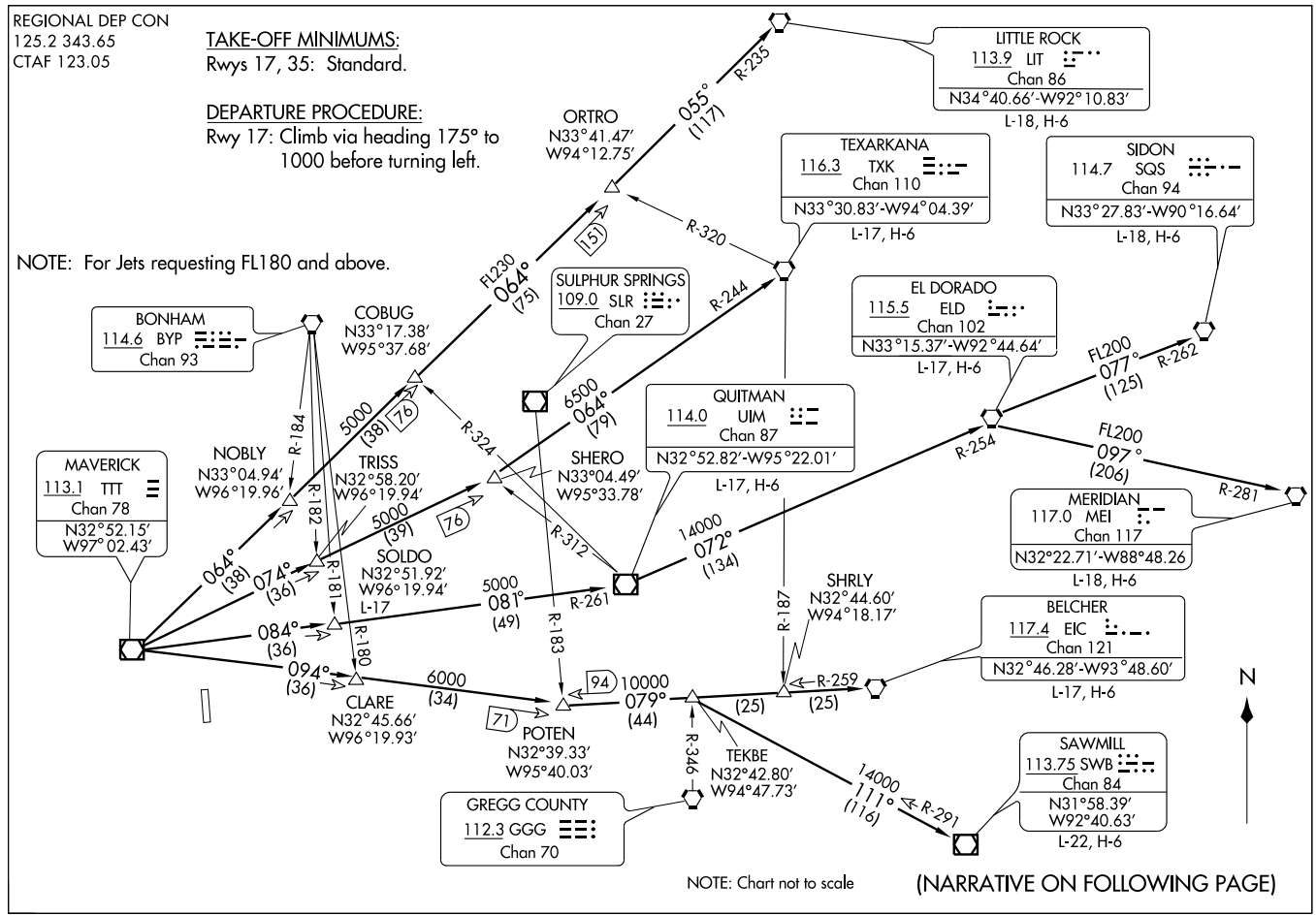


FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

CATEGORY	A	B	C	D
S-31	480-1 378 (400-1)			480-1¼ 378 (400-1¼)
CIRCLING	580-1 473 (500-1)		580-1½ 473 (500-1½)	660-2 553 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010



(DAL9.TTT) 09351

DALLAS NINE DEPARTURE

SL-6444 (FAA)

MESQUITE METRO (HQZ)

MESQUITE, TEXAS

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

JETS

Jets requesting 17,000 and below expect GARLAND Departure.

BELCHER TRANSITION (DALL9.EIC): (For aircraft inbound to the JAN, MLU and SHV terminal areas only.) From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to EIC VORTAC.

EL DORADO TRANSITION (DALL9.ELD): (For aircraft inbound to the Memphis Terminal area. Aircraft should file and/or expect appropriate STAR.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC.

LITTLE ROCK TRANSITION (DALL9.LIT): From over TTT VOR/DME via TTT R-064 to ORTRO INT, then via LIT R-235 to LIT VORTAC.

MERIDIAN TRANSITION (DALL9.MEI): (For aircraft inbound to the Atlanta Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-097 and MEI R-281 to MEI VORTAC.

QUITMAN TRANSITION (DALL9.UIM): (For aircraft inbound to Shreveport Terminal area.) From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.

SAWMILL TRANSITION (DALL9.SWB): From over TTT VOR/DME via TTT R-094 to POTEN INT, then via EIC R-259 to TEKBE INT, then via SWB R-291 to SWB VOR/DME.

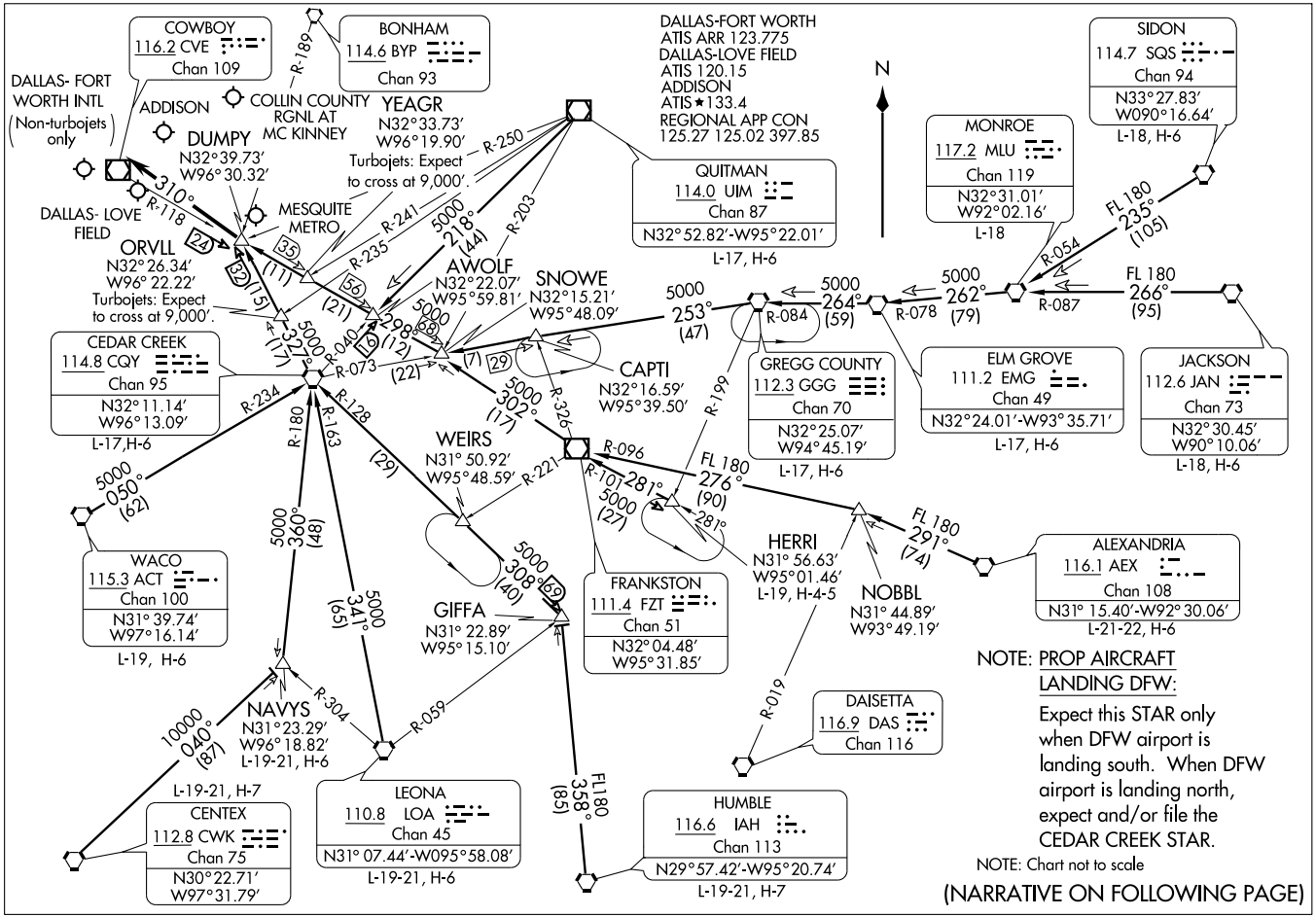
SIDON TRANSITION (DALL9.SQS): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME, then via UIM R-072 and ELD R-254 to ELD VORTAC, then via ELD R-077 and SQS R-262 to SQS VORTAC.

SOLDO TRANSITION (DALL9.SOLDO): From over TTT VOR/DME via TTT R-084 to SOLDO INT.

TEXARKANA TRANSITION (DALL9.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.

TAKE-OFF OBSTACLES:
Rwy 17: Tower 2.0 NM from DER, 1.8 left of centerline, 456' AGL/944' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


DUMPY THREE ARRIVAL
(DUMPY.DUMPY3) 09351
ST-6039 (FAA)
DALLAS-FT. WORTH, TEXAS
COWBOY
116.2 CVE
Chan 109
BONHAM
114.6 BYP
Chan 93
R-189
DALLAS-FORT WORTH
ATIS ARR 123.775
DALLAS-LOVE FIELD
ATIS 120.15
ADDISON
ATIS ★133.4
REGIONAL APP CON
125.27 125.02 397.85
N
SIDON
114.7 SQS
Chan 94
N33°27.83'
W090°16.64'
L-18, H-6
DALLAS- FORT
WORTH INTL
(Non-turbojets
only)
ADDISON
COLLIN COUNTY
RGNL AT
MC KINNEY
YEAGR
N32°33.73'
W96°19.90'
DUMPY
N32°39.73'
W96°30.32'
Turbojets: Expect
to cross at 9,000'.
R-250
QUITMAN
114.0 UIM
Chan 87
N32°52.82'-W95°22.01'
L-17, H-6
MONROE
117.2 MLU
Chan 119
N32°31.01'
W92°02.16'
L-18
FL 180
235°
(105)
R-054
310°
R-118
DALLAS- LOVE
FIELD
MESQUITE
METRO
ORVLL
N32°26.34'
W96° 22.22'
Turbojets: Expect
to cross at 9,000'.
5000
218°
(44)
R-241
R-235
R-203
AWOLF
N32°22.07'
W95°59.81'
SNOWE
N32°15.21'
W95°48.09'
5000
253°
(47)
R-084
5000
264°
(59)
R-078
5000
262°
(79)
R-087
FL 180
266°
(95)
CEDAR CREEK
114.8 CQY
Chan 95
N32°11.14'
W96°13.09'
L-17,H-6
R-040
R-073
5000
298°
(12)
5000
322°
(17)
CAPTI
N32°16.59'
W95°39.50'
GREGG COUNTY
112.3 GGG
Chan 70
N32°25.07'
W94°45.19'
L-17, H-6
ELM GROVE
111.2 EMG
Chan 49
N32°24.01'-W93° 35.71'
L-17, H-6
JACKSON
112.6 JAN
Chan 73
N32°30.45'
W90°10.06'
L-18, H-6
R-234
R-180
R-163
R-128
R-326
R-199
5000
302°
(17)
WEIRS
N31° 50.92'
W95°48.59'
R-096
R-221
R-101
5000
281°
(27)
FL 180
276°
(90)
5000
050°
(62)
5000
360°
(48)
5000
341°
(65)
5000
308°
(40)
281°
FL 180
291°
(74)
HERRI
N31° 56.63'
W95°01.46'
L-19, H-4-5
NOBBL
N31° 44.89'
W93°49.19'
ALEXANDRIA
116.1 AEX
Chan 108
N31° 15.40'-W92° 30.06'
L-21-22, H-6
WACO
115.3 ACT
Chan 100
N31° 39.74'
W97°16.14'
L-19, H-6
GIFFA
N31° 22.89'
W95°15.10'
FRANKSTON
111.4 FZT
Chan 51
N32° 04.48'
W95° 31.85'
NOTE: PROP AIRCRAFT
LANDING DFW:
Expect this STAR only
when DFW airport is
landing south. When DFW
airport is landing north,
expect and/or file the
CEDAR CREEK STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
10000
040°
(87)
NAVYS
N31°23.29'
W96°18.82'
L-19-21, H-6
L-19-21, H-7
R-304
R-059
R-019
DAISETTA
116.9 DAS
Chan 116
CENTEX
112.8 CWK
Chan 75
N30°22.71'
W97°31.79'
LEONA
110.8 LOA
Chan 45
N31° 07.44'-W095°58.08'
L-19-21, H-6
FL180
358°
(85)
HUMBLE
116.6 IAH
Chan 113
N29°57.42'-W95°20.74'
L-19-21, H-7

DUMPY THREE ARRIVAL

ARRIVAL DESCRIPTION

ALEXANDRIA TRANSITION (AEX.DUMPY3): From over AEX VORTAC via AEX R-291 to NOBBL INT, then via FZT R-096 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

CEDAR CREEK TRANSITION (CQY.DUMPY3): From over CQY VORTAC via CQY R-327 to DUMPY INT. Thence....

CENTEX TRANSITION (CWK.DUMPY3): From over CWK VORTAC via CWK R-040 to NAVYS INT, then via CQY R-180 to CQY VORTAC , then via CQY R-327 to DUMPY INT. Thence . . . .

ELM GROVE TRANSITION (EMG.DUMPY3): From over EMG VORTAC via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

GREGG COUNTY TRANSITION (GGG.DUMPY3): From over GGG VORTAC via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HERRI TRANSITION (HERRI.DUMPY3): (Assigned by ATC) From over HERRI INT via FZT R-101 to FZT VOR/DME, then via FZT R-302 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

HUMBLE TRANSITION (IAH.DUMPY3): From over IAH VORTAC via IAH R-358 to GIFFA INT, then via CQY R-128 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

JACKSON TRANSITION (JAN.DUMPY3): From over JAN VORTAC via JAN R-266 and MLU R-087 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

LEONA TRANSITION (LOA.DUMPY3): From over LOA VORTAC via LOA R-341 and CQY R-163 to CQY VORTAC, then via CQY R-327 to DUMPY INT.

MONROE TRANSITION (MLU.DUMPY3): From over MLU VORTAC via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

NAVYS TRANSITION (NAVYS.DUMPY3): From over NAVYS INT via CQY R-180 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

QUITMAN TRANSITION (UIM.DUMPY3): From over UIM VOR/DME via UIM R-218 and CQY R-040 to AWOLF INT, then via CVE R-118 to DUMPY INT. Thence . . . .

SIDON TRANSITION (SQS.DUMPY3): From over SQS VORTAC via SQS R-235 and MLU R-054 to MLU VORTAC, then via MLU R-262 and EMG R-078 to EMG VORTAC, then via EMG R-264 and GGG R-084 to GGG VORTAC, then via GGG R-253 and CQY R-073 to SNOWE INT, then via CVE R-118 to DUMPY INT. Thence . . . .

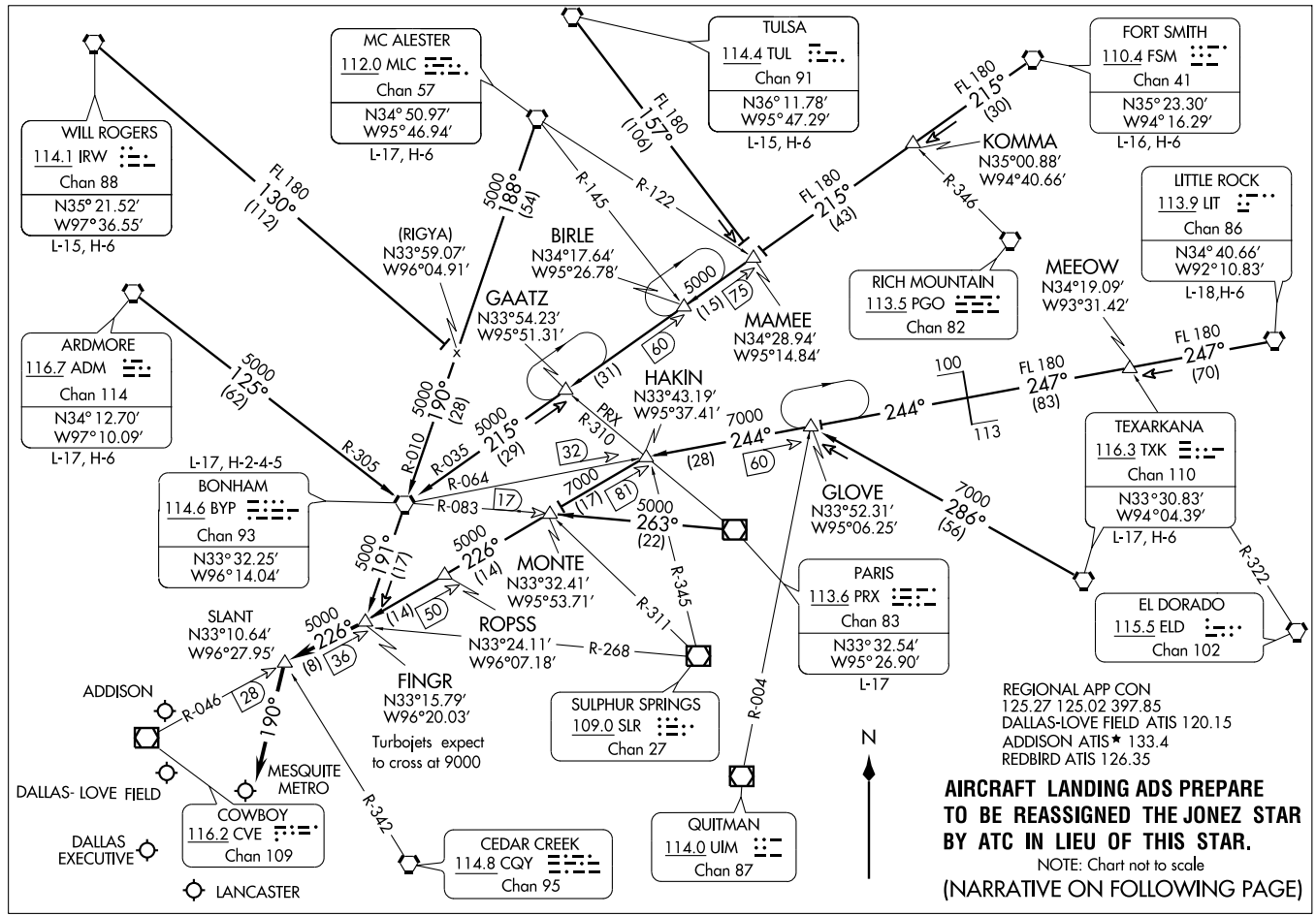
WACO TRANSITION (ACT.DUMPY3): From over ACT VORTAC via ACT R-050 and CQY R-234 to CQY VORTAC, then via CQY R-327 to DUMPY INT. Thence . . . .

. . . . From over DUMPY INT.

LANDING SOUTH: Depart DUMPY INT heading 310° for vectors to final approach course.

LANDING NORTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

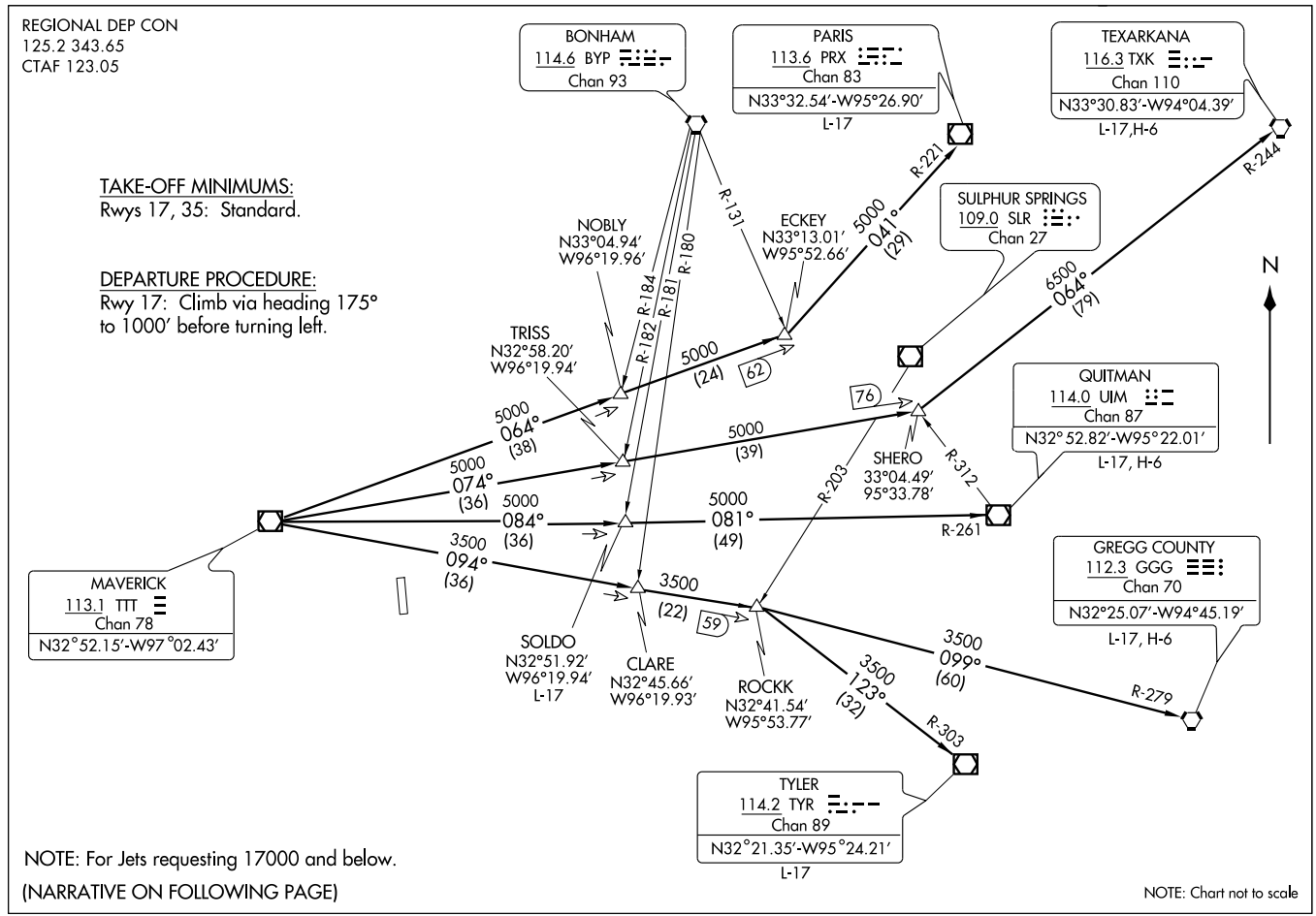

FINGR THREE ARRIVAL
(FINGR.FINGR3) 09351
ST-106 (FAA)
DALLAS-FT. WORTH, TEXAS
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52′
W97° 36.55′
L-15, H-6
MC ALESTER
112.0 MLC
Chan 57
N34° 50.97′
W95° 46.94′
L-17, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78′
W95° 47.29′
L-15, H-6
FORT SMITH
110.4 FSM
Chan 41
N35° 23.30′
W94° 16.29′
L-16, H-6
KOMMA
N35°00.88′
W94°40.66′
LITTLE ROCK
113.9 LIT
Chan 86
N34° 40.66′
W92° 10.83′
L-18,H-6
RICH MOUNTAIN
113.5 PGO
Chan 82
MEEOW
N34°19.09′
W93°31.42′
ARDMORE
116.7 ADM
Chan 114
N34° 12.70′
W97° 10.09′
L-17, H-6
(RIGYA)
N33°59.07′
W96°04.91′
BIRLE
N34°17.64′
W95°26.78′
GAATZ
N33°54.23′
W95°51.31′
MAMEE
N34°28.94′
W95°14.84′
HAKIN
N33°43.19′
W95°37.41′
TEXARKANA
116.3 TXK
Chan 110
N33°30.83′
W94°04.39′
L-17, H-6
L-17, H-2-4-5
BONHAM
114.6 BYP
Chan 93
N33° 32.25′
W96° 14.04′
GLOVE
N33°52.31′
W95°06.25′
MONTE
N33°32.41′
W95°53.71′
PARIS
113.6 PRX
Chan 83
N33° 32.54′
W95° 26.90′
L-17
EL DORADO
115.5 ELD
Chan 102
SLANT
N33°10.64′
W96°27.95′
ROPSS
N33°24.11′
W96°07.18′
FINGR
N33°15.79′
W96°20.03′
Turbojets expect
to cross at 9000
SULPHUR SPRINGS
109.0 SLR
Chan 27
ADDISON
MESQUITE METRO
DALLAS- LOVE FIELD
COWBOY
116.2 CVE
Chan 109
DALLAS EXECUTIVE
LANCASTER
CEDAR CREEK
114.8 CQY
Chan 95
QUITMAN
114.0 UIM
Chan 87
FL 180 130° (112)
FL 180 157° (106)
FL 180 215° (30)
FL 180 215° (43)
FL 180 247° (70)
FL 180 247° (83)
5000 188° (54)
5000 125° (62)
5000 190° (28)
5000 215° (29)
5000 191° (17)
5000 226° (14)
5000 226° (8)
5000 263° (22)
7000 244° (28)
7000 286° (56)
R-145
R-122
R-346
R-305
R-010
R-035
R-064
R-083
R-310
R-345
R-311
R-268
R-342
R-004
R-322
(15) 75
(31) 60
PRX
32
17
(17) 81
(14) 50
(8) 36
28
190°
R-046
244°
100
113
7000
60
N
REGIONAL APP CON
125.27 125.02 397.85
DALLAS-LOVE FIELD ATIS 120.15
ADDISON ATIS★ 133.4
REDBIRD ATIS 126.35
AIRCRAFT LANDING ADS PREPARE TO BE REASSIGNED THE JONEZ STAR BY ATC IN LIEU OF THIS STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)

FINGR THREE ARRIVAL (FINGR.FINGR3)

ARRIVAL DESCRIPTION

ARDMORE TRANSITION (ADM.FINGR3): From over ADM VORTAC via ADM R-125 and BYP R-305 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
BONHAM TRANSITION (BYP.FINGR3): From over BYP VORTAC via BYP R-191 to to FINGR INT. Thence . . . .
FORT SMITH TRANSITION (FSM.FINGR3): From over FSM VORTAC via FSM R-215 to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
LITTLE ROCK TRANSITION (LIT.FINGR3): From over LIT VORTAC via LIT R-247 and BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
MC ALESTER TRANSITION (MLC.FINGR3): From over MLC VORTAC via MLC R-188 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
PARIS TRANSITION (PRX.FINGR3): From over PRX VOR/DME via PRX R-263 to MONTE INT, then via CVE R-046 to FINGR INT. Thence . . . .
TEXARKANA TRANSITION (TXK.FINGR3): From over TXK VORTAC via TXK R-286 to GLOVE INT, then via BYP R-064 to HAKIN INT, then via CVE R-046 to FINGR INT. Thence . . . .
TULSA TRANSITION (TUL.FINGR3): From over TUL VORTAC via TUL R-157 to to MAMEE INT, then via BYP R-035 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . .
WILL ROGERS TRANSITION (IRW.FINGR3): From over IRW VORTAC via IRW R-130 and BYP R-010 to BYP VORTAC, then via BYP R-191 to FINGR INT. Thence . . . . From over FINGR INT via CVE R-046 to SLANT INT.
AIRCRAFT LANDING NORTH: Depart SLANT INT heading 190° for vectors to final approach course.
AIRCRAFT LANDING SOUTH: Expect vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010



(GARL3.TTT) 09351

GARLAND THREE DEPARTURE

SI-6444 (FAA)

MESQUITE METRO (HQZ)

MESQUITE, TEXAS

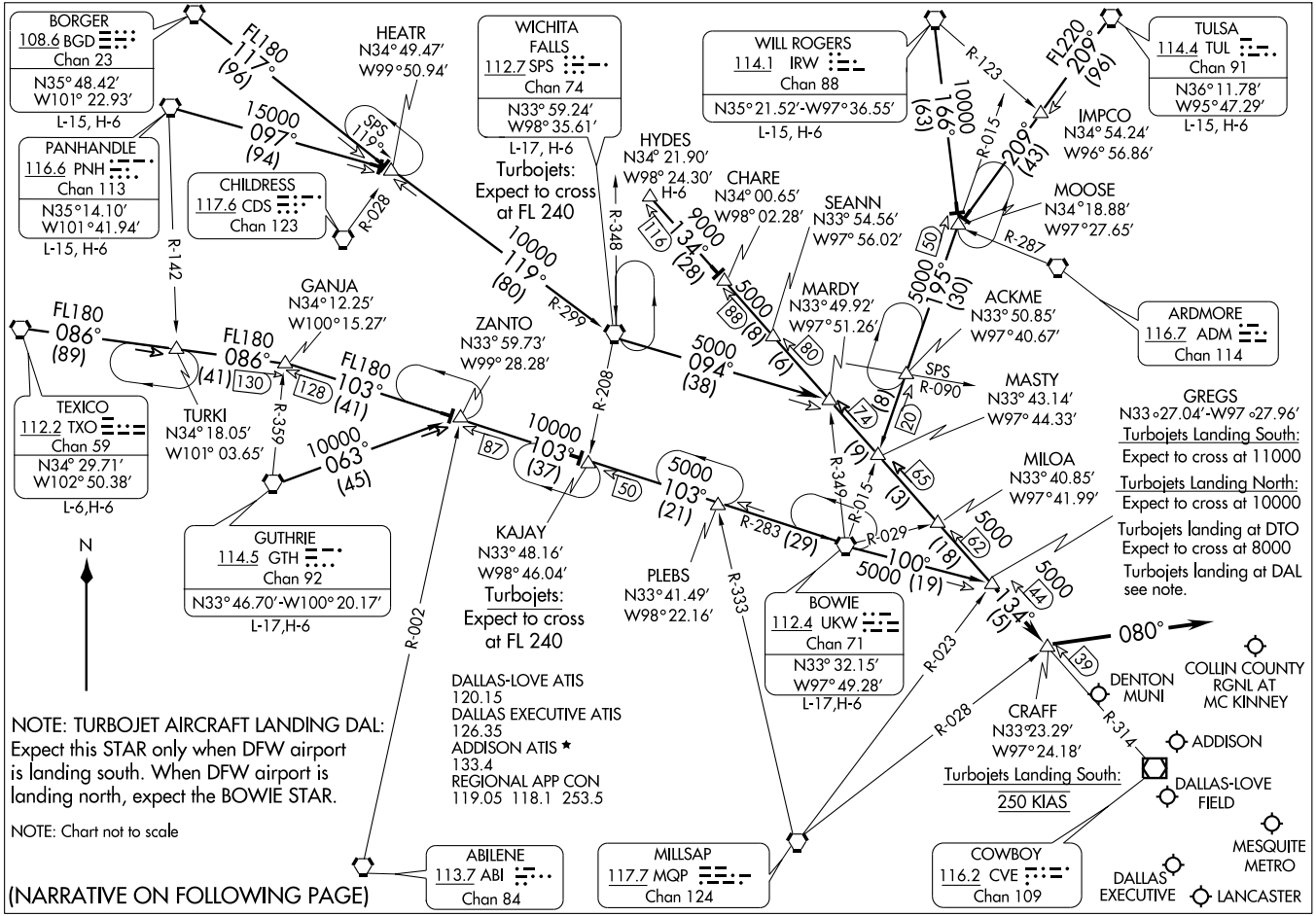
DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading to appropriate route.

LONGVIEW TRANSITION (GARL3.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (GARL3.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (GARL3.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (GARL3.SOLDO): (ATC assigned) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (GARL3.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (GARL3.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLE:
Rwy 17: Tower 2 NM from DER, 1.8 NM left of centerline, 456' AGL/944' MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010


BORGER
108.6 BGD
Chan 23
N35° 48.42'
W101° 22.93'
L-15, H-6
PANHANDLE
116.6 PNH
Chan 113
N35° 14.10'
W101° 41.94'
L-15, H-6
CHILDRESS
117.6 CDS
Chan 123
HEATR
N34° 49.47'
W99° 50.94'
WICHITA FALLS
112.7 SPS
Chan 74
N33° 59.24'
W98° 35.61'
L-17, H-6
Turbojets: Expect to cross at FL 240
WILL ROGERS
114.1 IRW
Chan 88
N35° 21.52'-W97° 36.55'
L-15, H-6
TULSA
114.4 TUL
Chan 91
N36° 11.78'
W95° 47.29'
L-15, H-6
IMPCO
N34° 54.24'
W96° 56.86'
MOOSE
N34° 18.88'
W97° 27.65'
ARDMORE
116.7 ADM
Chan 114
HYDES
N34° 21.90'
W98° 24.30'
H-6
CHARE
N34° 00.65'
W98° 02.28'
SEANN
N33° 54.56'
W97° 56.02'
MARDY
N33° 49.92'
W97° 51.26'
ACKME
N33° 50.85'
W97° 40.67'
MASTY
N33° 43.14'
W97° 44.33'
GREGS
N33°27.04'-W97°27.96'
Turbojets Landing South:
Expect to cross at 11000
Turbojets Landing North:
Expect to cross at 10000
Turbojets landing at DTO
Expect to cross at 8000
Turbojets landing at DAL
see note.
MILOA
N33° 40.85'
W97° 41.99'
GANJA
N34° 12.25'
W100° 15.27'
ZANTO
N33° 59.73'
W99° 28.28'
TEXICO
112.2 TXO
Chan 59
N34° 29.71'
W102° 50.38'
L-6,H-6
TURKI
N34° 18.05'
W101° 03.65'
GUTHRIE
114.5 GTH
Chan 92
N33° 46.70'-W100° 20.17'
L-17,H-6
KAJAY
N33° 48.16'
W98° 46.04'
Turbojets: Expect to cross at FL 240
PLEBS
N33° 41.49'
W98° 22.16'
BOWIE
112.4 UKW
Chan 71
N33° 32.15'
W97° 49.28'
L-17,H-6
CRAFF
N33° 23.29'
W97° 24.18'
Turbojets Landing South:
250 KIAS
DENTON MUNI
COLLIN COUNTY RGNL AT MC KINNEY
ADDISON
DALLAS-LOVE FIELD
MESQUITE METRO
DALLAS EXECUTIVE
LANCASTER
ABILENE
113.7 ABI
Chan 84
MILLSAP
117.7 MQP
Chan 124
COWBOY
116.2 CVE
Chan 109
DALLAS-LOVE ATIS
120.15
DALLAS EXECUTIVE ATIS
126.35
ADDISON ATIS ★
133.4
REGIONAL APP CON
119.05 118.1 253.5
NOTE: TURBOJET AIRCRAFT LANDING DAL:
Expect this STAR only when DFW airport is landing south. When DFW airport is landing north, expect the BOWIE STAR.
NOTE: Chart not to scale
(NARRATIVE ON FOLLOWING PAGE)
N
FL180 117° (96)
15000 097° (94)
SPS 119°
R-028
R-142
FL180 086° (89)
FL180 086° (41)
130
128
FL180 103° (41)
R-359
10000° 063° (45)
10000 119° (80)
R-299
R-348
R-208
10000 103° (37)
87
50
5000 103° (21)
R-283 (29)
R-002
R-333
9000 134° (28)
116
5000 094° (38)
88
8
6
80
74
8
20
9
R-349
R-015
3
65
R-029
5000 100° (19)
62
118
5000 134° (5)
44
R-023
R-028
R-314
080°
39
R-123
10000 166° (63)
R-015
FL220 209° (96)
209° (43)
50
5000 195° (30)
R-287
SPS R-090

ARRIVAL DESCRIPTION

BORGER TRANSITION (BGD.GREGS6): From over BGD VORTAC via BGD R-117 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence . . . .

BOWIE TRANSITION (UKW.GREGS6): From over UKW VORTAC via UKW R-100 to GREGS INT. Thence . . . .

GUTHRIE TRANSITION (GTH.GREGS6): From over GTH VORTAC via GTH R-063 to ZANTO INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

HYDES TRANSITION (HYDES.GREGS6): From over HYDES INT via CVE R-314 to GREGS INT. Thence . . . .

PANHANDLE TRANSITION (PNH.GREGS6): From over PNH VORTAC via PNH R-097 to HEATR INT, then via SPS R-299 to SPS VORTAC, then via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

TEXICO TRANSITION (TXO.GREGS6): From over TXO VORTAC via TXO R-086 to GANJA INT, then via UKW R-283 to UKW VORTAC, then via UKW R-100 to GREGS INT. Thence . . . .

TULSA TRANSITION (TUL.GREGS6): From over TUL VORTAC via TUL R-209 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

WICHITA FALLS TRANSITION (SPS.GREGS6): From over SPS VORTAC via SPS R-094 to MARDY INT, then via CVE R-314 to GREGS INT. Thence. . . .

WILL ROGERS TRANSITION (IRW.GREGS6): From over IRW VORTAC via IRW R-166 to MOOSE INT, then via UKW R-015 to MASTY INT, then via CVE R-314 to GREGS INT. Thence . . . .

. . . . From over GREGS INT via CVE R-314 to CRAFF INT thence heading 080° for vector to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

HUBBARD SIX DEPARTURE

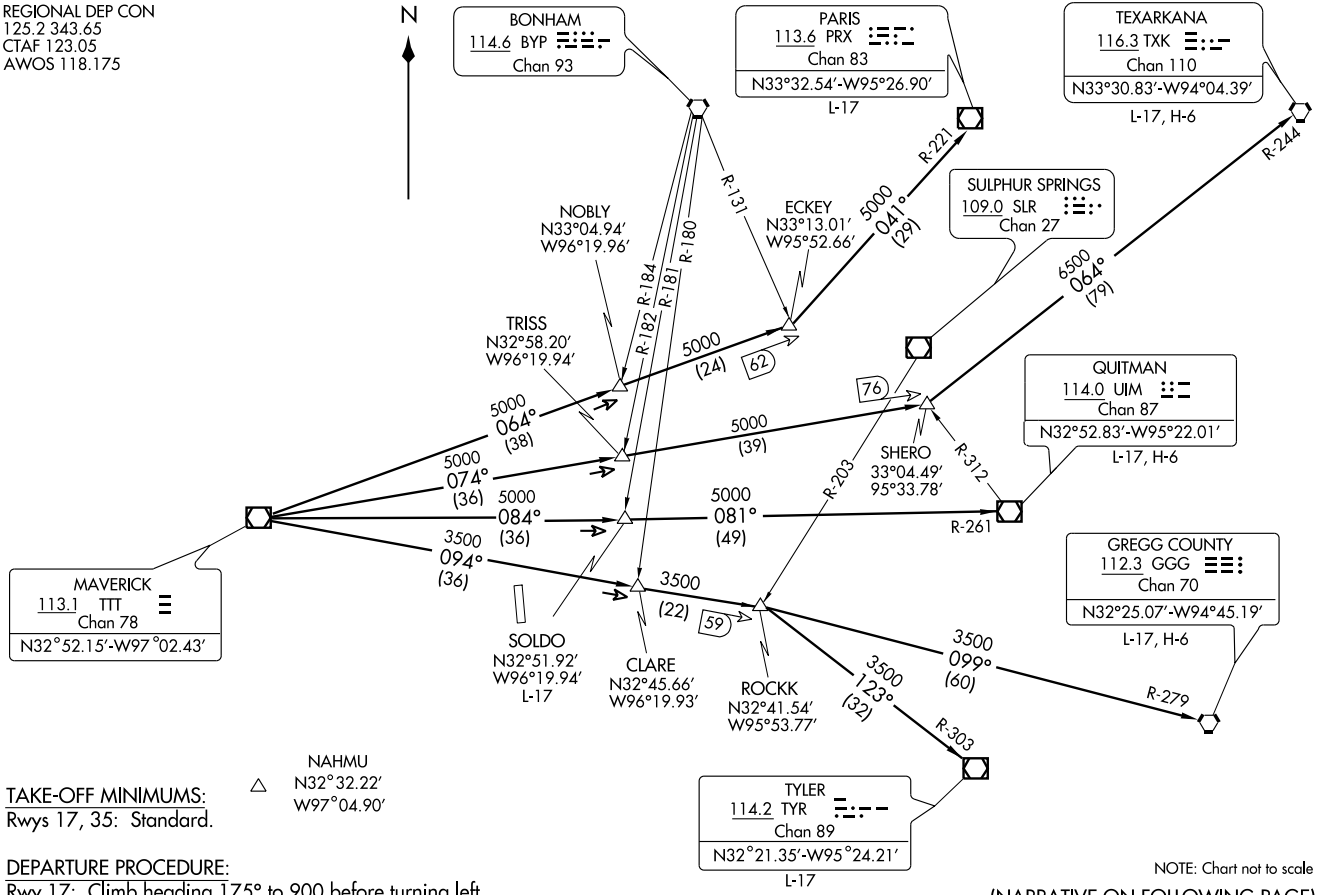
(HUBB6.111) 07298

SL-6444 (FAA)

MESQUITE METRO (HQZ)

MESQUITE, TEXAS

REGIONAL DEP CON
125.2 343.65
CTAF 123.05
AWOS 118.175



TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

DEPARTURE PROCEDURE:
Rwy 17: Climb heading 175° to 900 before turning left.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude to appropriate route.

LONGVIEW TRANSITION (HUBB6.GGG): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via GGG R-279 to GGG VORTAC.
PARIS TRANSITION (HUBB6.PRX): From over TTT VOR/DME via TTT R-064 to ECKEY INT, then via PRX R-221 to PRX VOR/DME.
QUITMAN TRANSITION (HUBB6.UIM): From over TTT VOR/DME via TTT R-084 to SOLDO INT, then via UIM R-261 to UIM VOR/DME.
SOLDO TRANSITION (HUBB6.SOLDO): (ATC assigned.) From over TTT VOR/DME via TTT R-084 to SOLDO INT.
TEXARKANA TRANSITION (HUBB6.TXK): From over TTT VOR/DME via TTT R-074 to SHERO INT, then via TXK R-244 to TXK VORTAC.
TYLER TRANSITION (HUBB6.TYR): From over TTT VOR/DME via TTT R-094 to ROCKK INT, then via TYR R-303 to TYR VOR/DME.

TAKE-OFF OBSTACLES:
Rwy 17:
Multiple trees, sign and fences beginning 10′ from departure end of runway, 362′ left of centerline, up to 35′ AGL/478′ MSL.
Rwy 35:
Hangar 53′ from departure end of runway, 497′ left of centerline, 23′ AGL/470′ MSL.
Multiple trees and poles beginning 999′ from departure end of runway, 708′ left of centerline, up to 44′ AGL/483′ MSL.
Bush 45′ from departure end of runway, 466′ right of centerline, 10′ AGL/457′ MSL.
Pole 814′ from departure end of runway, 288′ right of centerline, 27′ AGL/467/ MSL.
Construction equipment 892′ from departure end of runway, 628′ right of centerline, 59′ AGL/489′ MSL.

SC-2, 17 DEC 2009 to 14 JAN 2010

MESQUITE, TEXAS

AL-6444 (FAA)

LOC I-HQZ	APP CRS	Rwy Idg	5999
109.75	175°	TDZE	447
Chan 34 (Y)		Apt Elev	447

ILS or LOC RWY 17

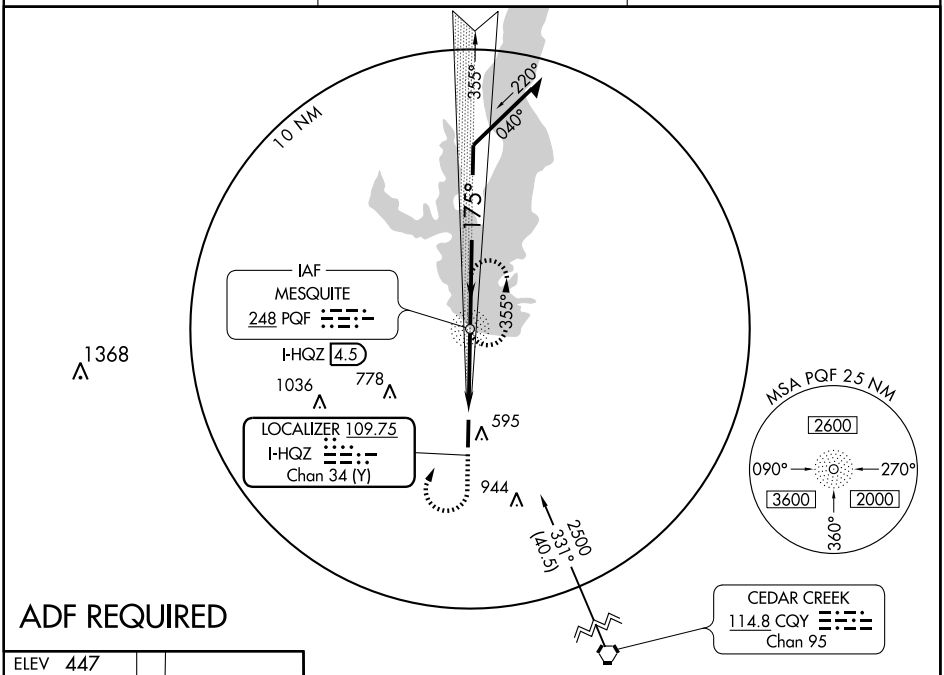
MESQUITE METRO (HQZ)

Obtain local altimeter setting on CTAF; when not received, use Dallas-Love Field altimeter setting.

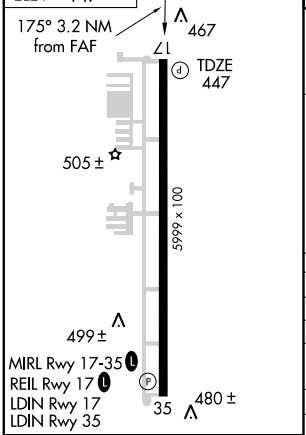
NA

MISSED APPROACH: Climb straight ahead to 2000, then turn right direct PQF NDB and hold.

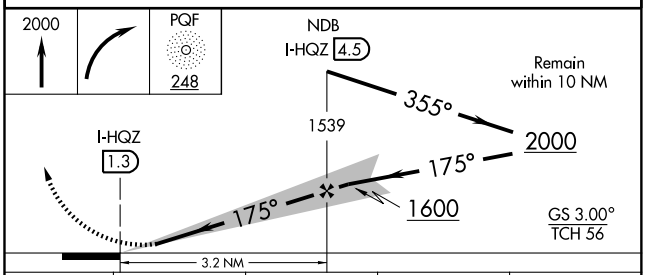
AWOS-3	REGIONAL APP CON	UNICOM
118.175	125.2 343.65	123.05 (CTAF) L



ADF REQUIRED



FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04



CATEGORY	A	B	C	D
S-ILS 17	697-¾ 250 (300-¾)			NA
S-LOC 17	740-1 293 (300-1)			NA
CIRCLING	960-1 513 (600-1)		960-1½ 513 (600-1½)	NA
DALLAS-LOVE FIELD ALTIMETER SETTING MINIMUMS				
S-ILS 17	743-1 296 (300-1)			NA
S-LOC 17	800-1 353 (400-1)			NA
CIRCLING	1000-1 553 (600-1)		1000-1½ 553 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

(JPOOL4.TTT) 09351

JOE POOL FOUR DEPARTURE

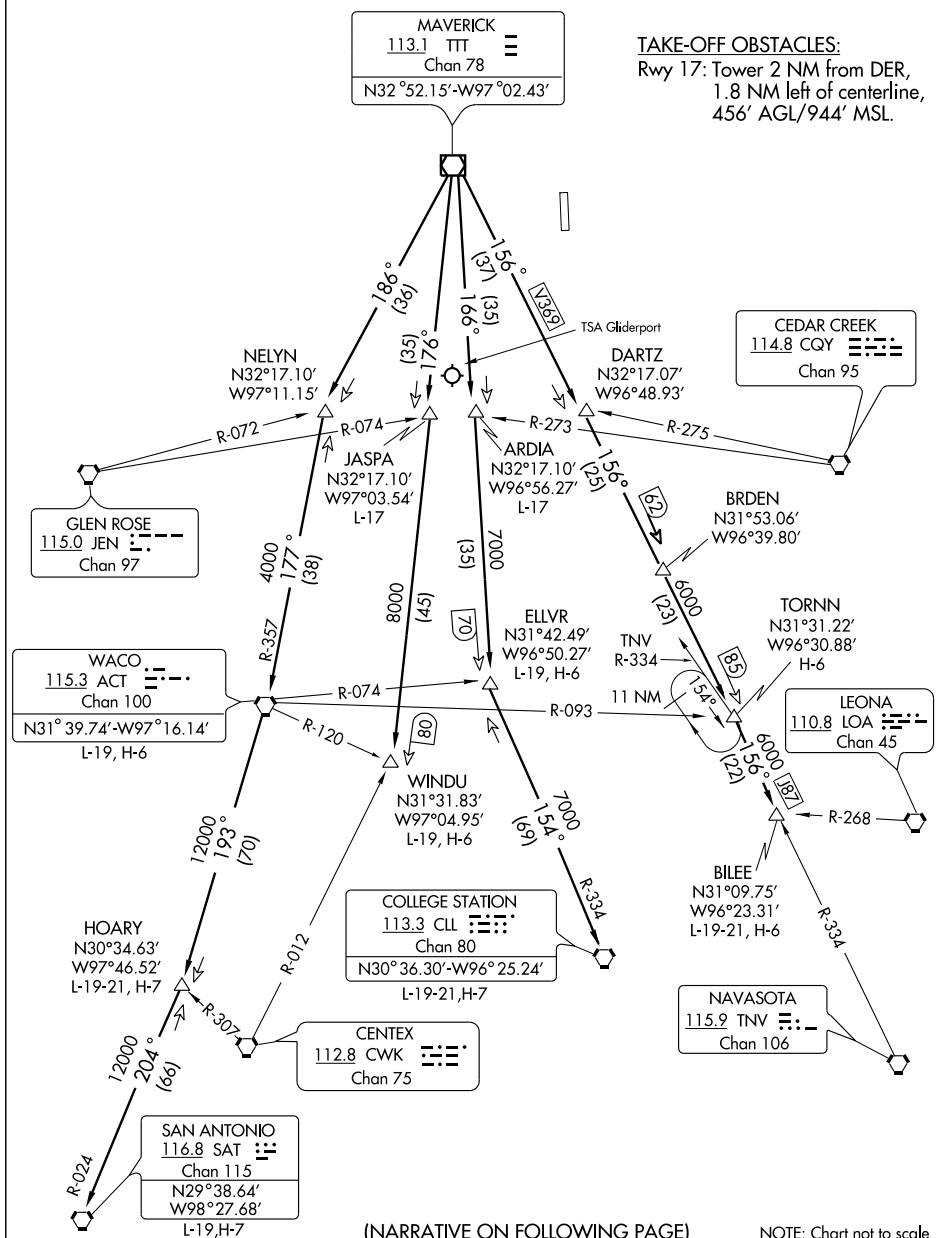
SL-6444 (FAA)

MESQUITE METRO (HQZ)
MESQUITE, TEXAS

REGIONAL DEP CON
125.2 343.65
CTAF 123.05
AWOS-3 118.175

TAKE-OFF MINIMUMS:
Rwys 17, 35: Standard.

TAKE-OFF OBSTACLES:
Rwy 17: Tower 2 NM from DER, 1.8 NM left of centerline, 456′ AGL/944′ MSL.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, fly assigned heading and altitude, expect vector to appropriate route.

ARDIA TRANSITION (JPOOL4.ARDIA): (ATC assigned.) From over TTT VOR/DME via TTT R-166 to ARDIA INT.

BILEE TRANSITION (JPOOL4.BILEE): (For aircraft overflying the BILEE intersection, thence via the appropriate STAR to George Bush Intercontinental or East Houston terminal area airports, or via J-87 to overfly the TNV VORTAC.) From over TTT VOR/DME via TTT R-156 to BILEE INT.

BRDEN TRANSITION (JPOOL4.BRDEN): From over TTT VOR/DME via TTT R-156 to BRDEN INT.

COLLEGE STATION TRANSITION (JPOOL4.CLL): (For piston aircraft inbound to Houston Hobby and all aircraft inbound to West Houston terminal area airports.) From over TTT VOR/DME via TTT R-166 to ELLVR INT, then via CLL R-334 to CLL VORTAC.

ELLVR TRANSITION (JPOOL4.ELLVR): (For turboprop and turbojet aircraft inbound to Houston Hobby and turbojet aircraft inbound to EFD, GLS, and LBX.) From over TTT VOR/DME via TTT R-166 to ELLVR INT.

HOARY TRANSITION (JPOOL4.HOARY): (For E/F suffixed aircraft.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT.

JASPA TRANSITION (JPOOL4.JASPA): (ATC assigned.) From over TTT VOR/DME via TTT R-176 to JASPA INT.

SAN ANTONIO TRANSITION (JPOOL4.SAT): (For aircraft overflying Centex and San Antonio.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC, then via ACT R-193 to HOARY INT, then via SAT R-024 to SAT VORTAC.

TORNN TRANSITION (JPOOL4.TORNN): (For aircraft landing at Lafayette, Lake Charles or Beaumont/Port Arthur airports.) From over TTT VOR/DME via TTT R-156 to TORNN INT.

WACO TRANSITION (JPOOL4.ACT): (For aircraft inbound to Waco or Gray terminal area airports.) From over TTT VOR/DME via TTT R-186 to NELYN INT, then via ACT R-357 to ACT VORTAC.

WINDU TRANSITION (JPOOL4.WINDU): (For aircraft inbound to Austin or San Antonio terminal airports, aircraft should file and/or expect the BLEWE or MARCS arrival at WINDU.) From over TTT VOR/DME via TTT R-176 to WINDU INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

KINGDOM SEVEN DEPARTURE SL-6444 (FAA)

REGIONAL DEP CON
125.2 343.65
CTAF 123.05

TAKE-OFF OBSTACLE:
Note: Rwy 17, Multiple trees, sign and fences beginning 10' from DER, 362' left of centerline, up to 35' AGL/478' MSL.
Note: Rwy 35, Hanger 53' from DER, 497' left of centerline, 23' AGL/470' MSL. Multiple trees and poles beginning 999' from DER, 708' left of centerline, up to 44' AGL/483' MSL. Bush 45' from DER, 466' right of centerline, 10' AGL/457' MSL. Pole 814' from DER, 288' right of centerline, 27' AGL/467' MSL. Construction equipment 892' from DER, 628' right of centerline, 59' AGL/489' MSL.

N

WICHITA FALLS
112.7 SPS
Chan 74
N33°59.24'-W98°35.61'
L-17, H-6

R-148
(25)
V568

KARYN
N33°35.82'
W98°24.42'

R-271

BOWIE
112.4 UKW
Chan 71

R-146

GUTHRIE
114.5 GTH
Chan 92
N33°46.70'
W100°20.17'
L-17, H-6

6000
326°
(63)
V18

4000
328°
(22)

R-225

R-165

FERRA
N33° 05.47'
W97°44.00'

RANGER
115.7 FUZ
Chan 104
N32°53.37'
W97°10.77'

MUZZO
N33°15.10'
W98°14.61'

65
34

4000
(27)

2300
285°
(37)

2100
274°
(7)

CEOLA
N32°51.98'
W97°44.00'

MAVERICK
113.1 TTT
Chan 78
N32°52.15'-W97°02.43'

RUWLO
N32°47.28'
W99°07.77'

R-330

2500
261°
(28)

2800
250°
(36)

8000
(71)

99

8000
265°
(36)
V18
93

BEKLE
N32°49.27'
W99°49.92'

R-265

4000
261°
(13)

R-081

PODDE
N32°43.58'
W97°44.00'
L-17

R-006

R-004

R-343

BROWNWOOD
108.6 BWD
Chan 23

MILLSAP
117.7 MQP
Chan 124
N32°43.57'
W97°59.85'
L-17, H-6

GLEN ROSE
115.0 JEN
Chan 97

TAKE-OFF MINIMUMS:
Rwys 17, 35: standard.
DEPARTURE PROCEDURE:
Rwy 17: Climb heading 175° to 900' before turning left.

NOTE: Chart not to scale

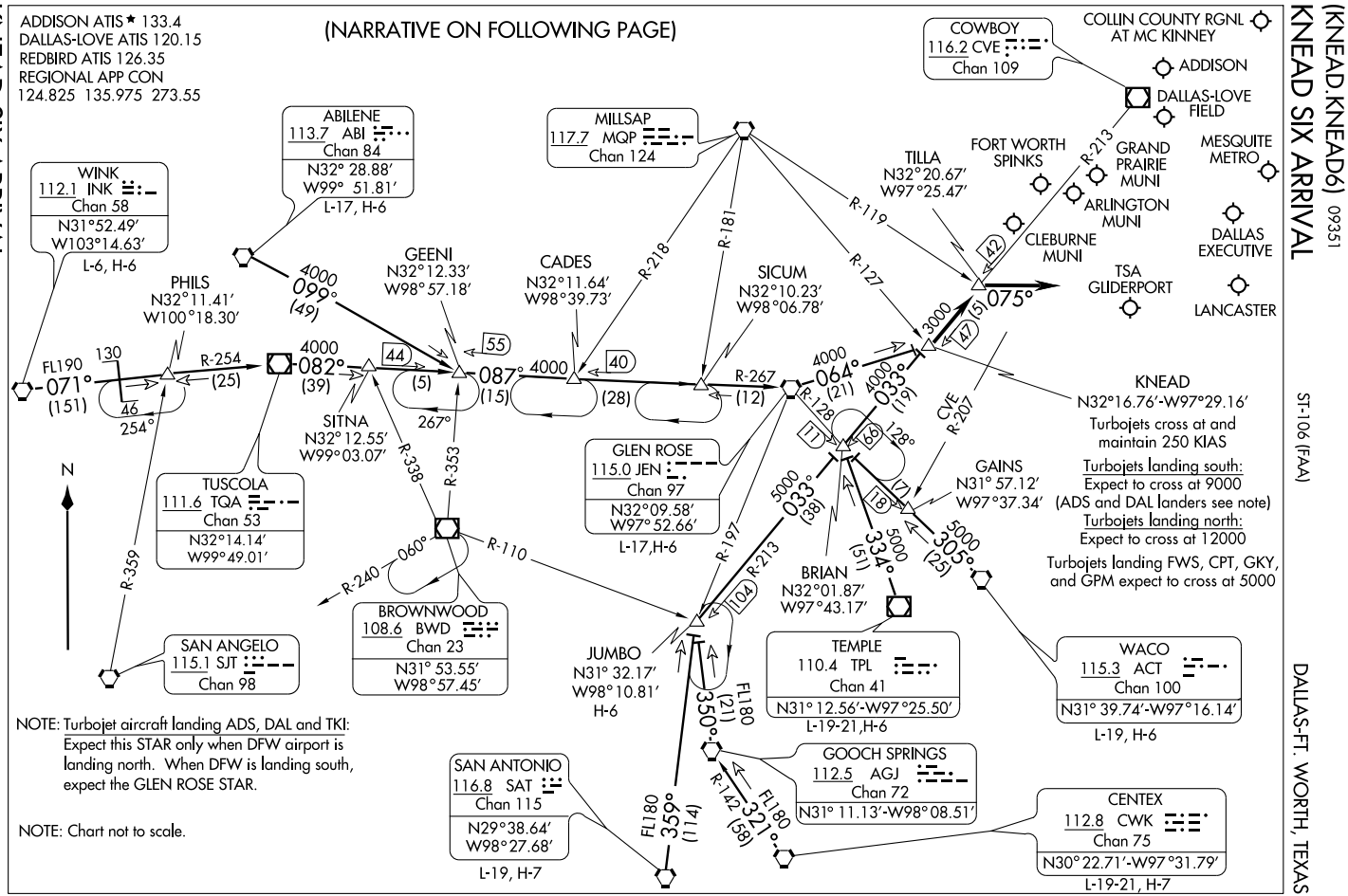
NOTE: For all aircraft requesting 17,000' and below.
(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

GUTHRIE TRANSITION (KING7.GTH): (For all aircraft landing within Lubbock terminal area or proceeding westbound via V-18 to GTH VORTAC). From over TTT VOR/DME via TTT R-274 to FUZ VORTAC, then via FUZ R-261 to RUWLO INT, then via MQP R-265 to BEKLE INT, then via GTH R-146 to GTH VORTAC.
MILLSAP TRANSITION (KING7.MQP): (For all aircraft overflying the MQP VORTAC westbound via V-18 or direct). From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.
PODDE TRANSITION (KING7.PODDE): (ATC assigned.) From over TTT VOR/DME via TTT R-250 to PODDE INT.
WICHITA FALLS TRANSITION (KING7.SPS): (For all aircraft landing within the Wichita Falls terminal area or overflying the SPS VORTAC). From over TTT VOR/DME via TTT R-285 to MUZZO INT, then via SPS R-148 to SPS VORTAC.

SC-2, 17 DEC 2009 to 14 JAN 2010



(KNEAD.KNEAD6) 09351

KNEAD SIX ARRIVAL

ST-106 (FAA)

DALLAS-FT. WORTH, TEXAS

ARRIVAL DESCRIPTION

ABILENE TRANSITION (ABI.KNEAD6): From over ABI VORTAC via ABI R-099 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

CENTEX TRANSITION (CWK.KNEAD6): From over CWK VORTAC via CWK R-321 and AGJ R-142 to AGJ VORTAC, then via AGJ R-350 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

GLEN ROSE TRANSITION (JEN.KNEAD6): From over JEN VORTAC via JEN R-064 to KNEAD INT. Thence . . . .

JUMBO TRANSITION (JUMBO.KNEAD6): From over JUMBO INT via CVE R-213 to KNEAD INT. Thence . . . .

SAN ANTONIO TRANSITION (SAT.KNEAD6): From over SAT VORTAC via SAT R-359 to JUMBO INT, then via CVE R-213 to KNEAD INT. Thence . . . .

TEMPLE TRANSITION (TPL.KNEAD6): From over TPL VOR/DME via TPL R-334 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WACO TRANSITION (ACT.KNEAD6): From over ACT VORTAC via ACT R-305 to BRIAN INT, then via CVE R-213 to KNEAD INT. Thence . . . .

WINK TRANSITION (INK.KNEAD6): From over INK VORTAC via INK R-071 and TQA R-254 to TQA VOR/DME, then via TQA R-082 to GEENI INT, then via JEN R-267 to JEN VORTAC, then via JEN R-064 to KNEAD INT. Thence . . . .

. . . . From over KNEAD INT via CVE R-213 to TILLA INT, thence via heading 075° for vectors to final approach course.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-HQZ 109.75 Chan 34 (Y)	APP CRS 355°	Rwy Idg 5999 TDZE 443 Apt Elev 447

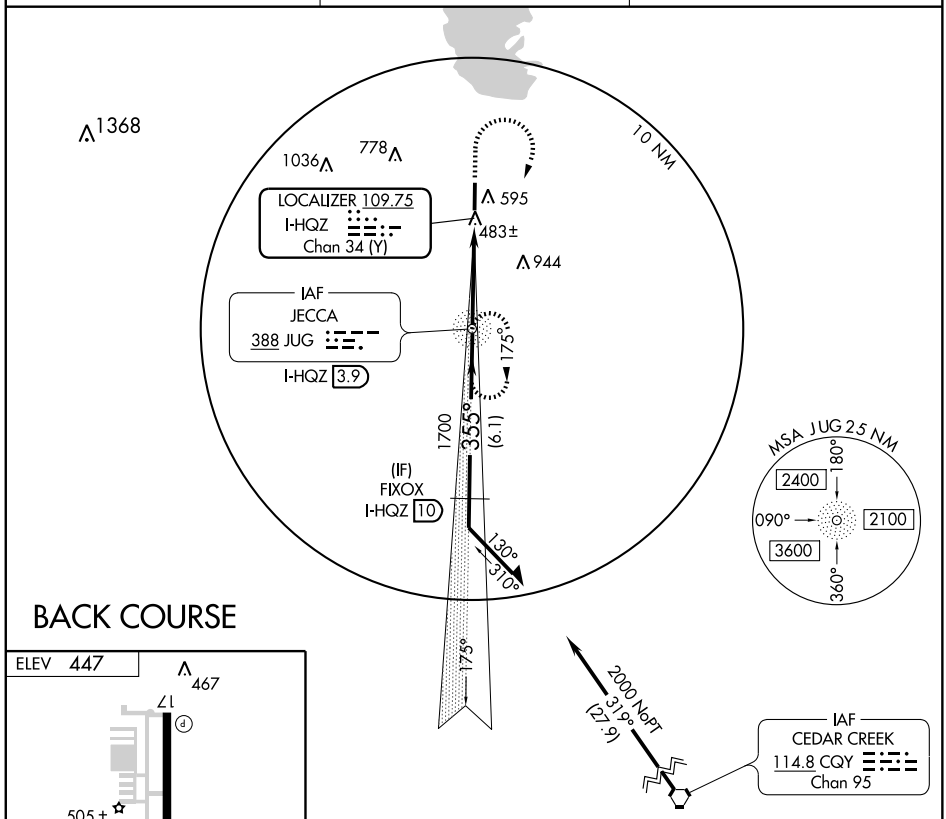
LOC BC RWY 35

MESQUITE METRO (HQZ)

ADF required. When local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDA 60 feet. Increase S-35 Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 1100 then climbing right turn to 2000 direct JUG NDB/I-HQZ 3.9 DME and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.175	125.2 343.65	123.05 (CTAF) L



FAF to MAP 3.5 NM					
Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

CATEGORY	A	B	C	D
S-35	800-1 357 (400-1)			NA
CIRCLING	960-1 513 (600-1)		960-1½ 513 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

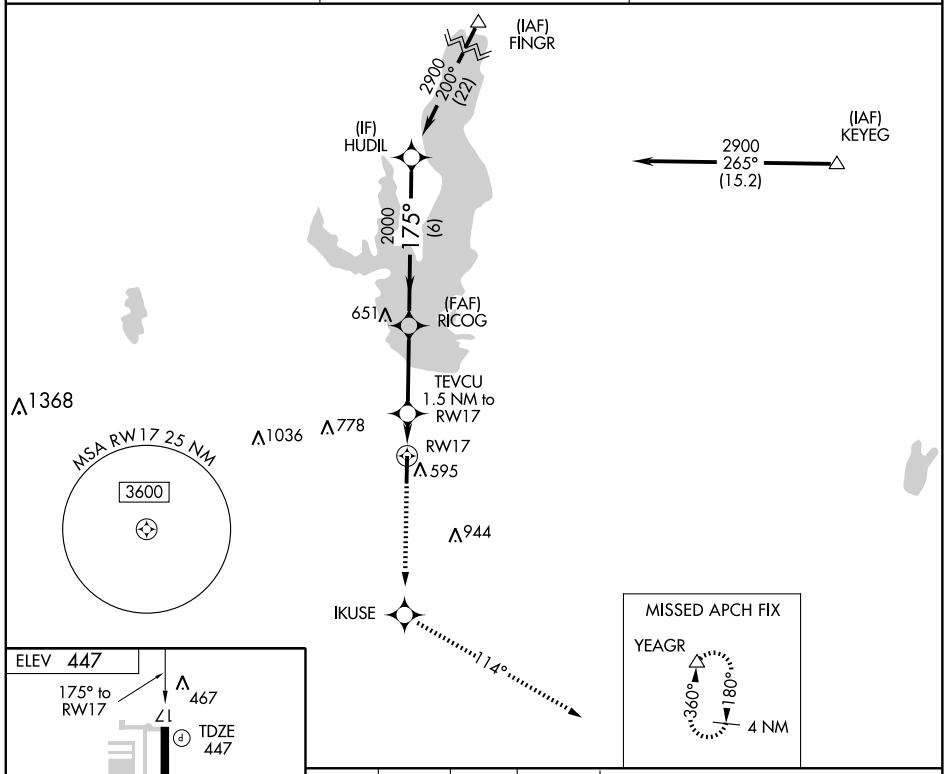
WAAS	APP CRS	Rwy Idg	5999
Ch 58301	175°	TDZE	447
W17A		Apt Elev	447

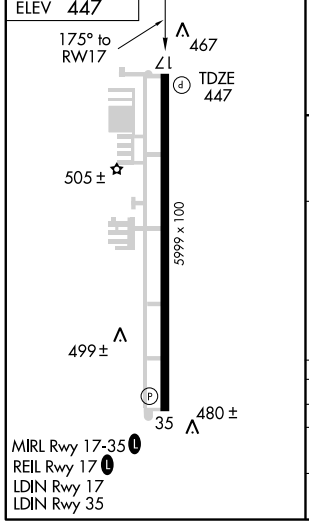
RNAV (GPS) RWY 17
MESQUITE METRO (HQZ)

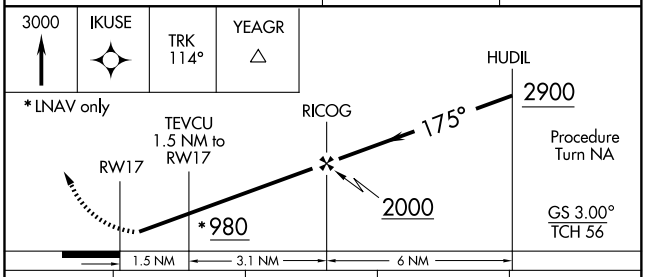
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA/MDA 60 feet. Increase LPV visibility ¼ mile, all Cats.

MISSED APPROACH: Climb to 3000 direct IKUSE and via 114° track to YEAGR and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.175	125.2 343.65	123.05 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	697-¾ 250 (300-¾)			NA
LNAV MDA	860-1 413 (500-1)		860-1¼ 413 (500-1¼)	NA
CIRCLING	960-1 513 (600-1)		960-1½ 513 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS Ch **78401** **W35A**	APP CRS **355°**	Rwy Idg **5999** TDZE **443** Apt Elev **447**

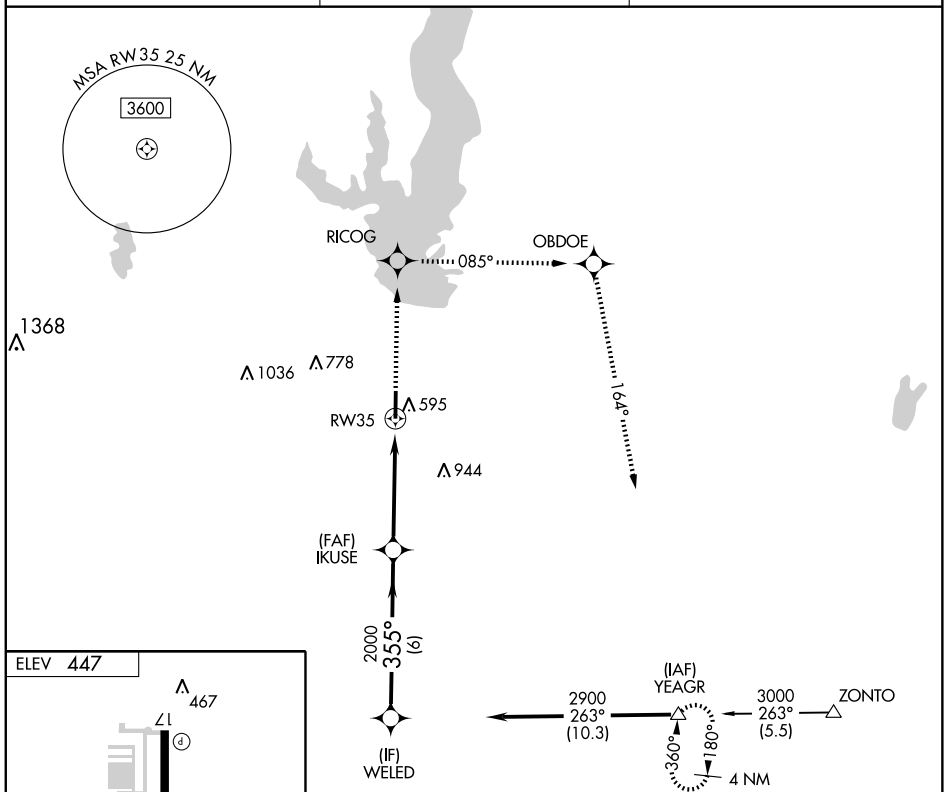
RNAV (GPS) RWY 35

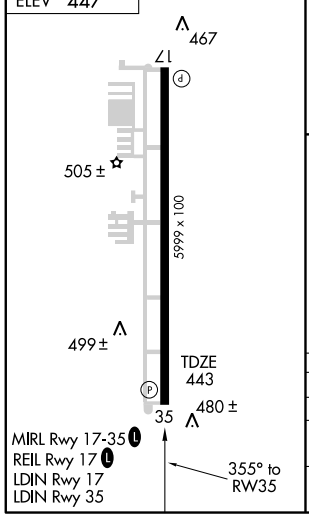
MESQUITE METRO (HQZ)

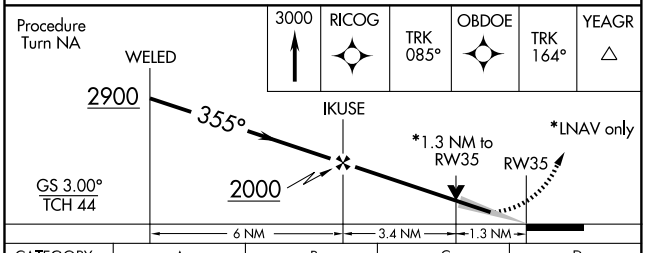
DME/DME RNP-0.3 NA. VDP NA when using Dallas Love Field altimeter setting. When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA/MDA 60 feet. Increase LPV visibility ¼ mile all Cats, increase LNAV Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 3000 direct RICOG and via 085° track to OBDOE and via 164° track to YEAGR and hold.

AWOS-3	REGIONAL APP CON	UNICOM
118.175	**125.2 343.65**	**123.05** (CTAF) L







CATEGORY	A	B	C	D
LPV DA	693-¾ 250 (300-¾)			NA
LNAV MDA	900-1 457 (500-1)		900-1¼ 457 (500-1¼)	NA
CIRCLING	960-1 513 (600-1)		960-1½ 513 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

TEXOMA ONE DEPARTURE

SL-6444 (FAA)

REGIONAL DEP CON
125.2 343.65
CTAF 123.05
AWOS-3 118.175

TULSA
114.4 TUL
Chan 91
N36°11.78′
W95°47.29′
L-15, H-6

OKMULGEE
114.9 OKM
Chan 96
N35°41.59′
W95°51.96′
L-15, H-6

MC ALESTER
112.0 MLC
Chan 57
N34°50.97′
W95°46.94′
L-17, H-6

WILL ROGERS
114.1 IRW
Chan 88
N35°21.52′
W97°36.55′
L-15, H-6

ROLLS
N35°43.36′
W99°28.24′
L-15, H-6

ZEMMA
N34°23.03′
W96°59.40′
L-17, H-6

EAKER
N34°19.05′
W96°37.19′
L-17,H-6

MRMAC
N34°50.48′
W98°06.57′

TIKYS
N34°04.00′
W96°25.56′

ARDMORE
116.7 ADM
Chan 114
N34°12.70′-W97°10.09
L-17, H-6

TEXOMA
114.3 URH
Chan 90

BLECO
N33°27.05′
W97°06.54′
L-17

GRABE
N33°27.09′
W96°57.69′
L-17

BOWIE
112.4 UKW
Chan 71

LOWGN
N33°27.05′
W97°14.99′

AKUNA
N33°27.04′
W96°49.39′

BONHAM
114.6 BYP
Chan 93

RANGER
115.7 FUZ
Chan 104
N32°53.37′-W97°10.77′

TAKE-OFF OBSTACLE:
Rwy 17: Tower 2 NM from DER, 1.8 NM left of centerline, 456′ AGL/944′ MSL.

TAKE-OFF MINIMUMS:
Rwys 17, 35: STANDARD.
DEPARTURE PROCEDURE:
Rwy 17: Climb via heading 175° to 1000 before turning left.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-2, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace fly assigned heading and altitude to appropriate route.

ARDMORE TRANSITION (TEX1.ADM): From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC.

BLECO TRANSITION (TEX1.BLECO): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to BLECO INT.

EAKER TRANSITION (TEX1.EAKER): (For aircraft inbound to the Tulsa terminal area.) From over FUZ VORTAC via FUZ R-012 to EAKER INT.

GRABE TRANSITION (TEX1.GRABE): (ATC assigned.) From over FUZ VORTAC via FUZ R-012 to GRABE INT.

MCALESTER TRANSITION (TEX1.MLC): (For all aircraft overflying the MLC VORTAC or intercepting J105.) From over FUZ VORTAC via FUZ R-022 to TIKYS INT, then via MLC R-206 to MLC VORTAC.

OKMULGEE TRANSITION (TEX1.OKM): (For all aircraft overflying OKM VOR/DME proceeding via J181 to BDF to destinations in the Chicago terminal area and north.) From over FUZ VORTAC via FUZ R-012 to EAKER INT, then via OKM R-196 to OKM VOR/DME.

ROLLS TRANSITION (TEX1.ROLLS): (For all aircraft proceeding northwestbound via J52.) From over FUZ VORTAC via FUZ R-348 to LOWGN INT, then via ADM R-179 to ADM VORTAC, then via ADM R-303 to ROLLS INT.

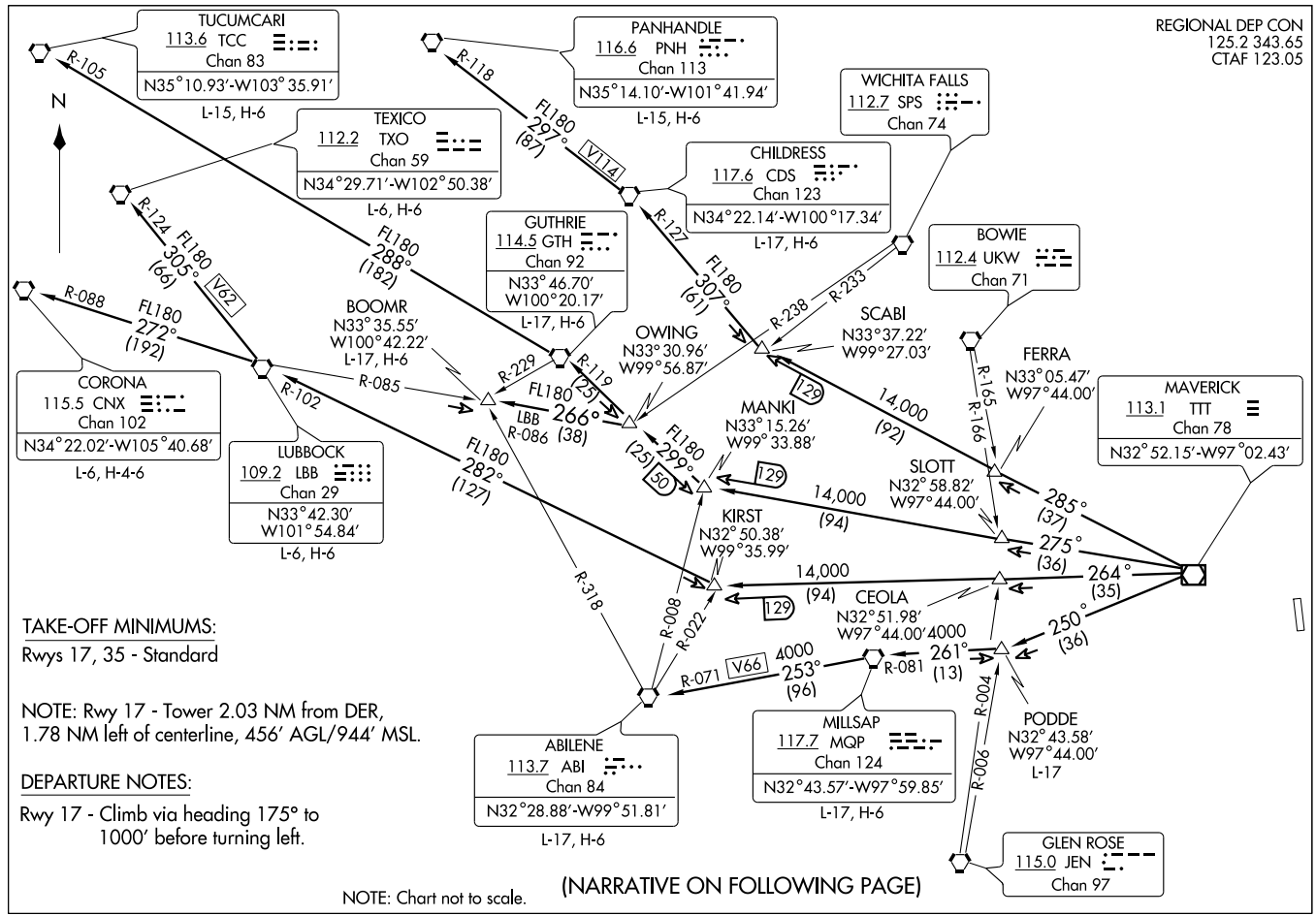
TULSA TRANSITION (TEX1.TUL): (For all aircraft overflying TUL VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via TUL R-201 to TUL VORTAC.

WILL ROGERS TRANSITION (TEX1.IRW): (For all aircraft inbound to the Oklahoma City area or overflying IRW VORTAC.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT, then via IRW R-145 to IRW VORTAC.

ZEMMA TRANSITION (TEX1.ZEMMA): (ATC assigned.) From over FUZ VORTAC via FUZ R-360 to ZEMMA INT.

SC-2, 17 DEC 2009 to 14 JAN 2010

WORTH FIVE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

▼ When entering controlled airspace, fly assigned heading and altitude to appropriate route.

ABILENE TRANSITION (WORTH5.ABI): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC, then via MQP R-253 and ABI R-071 to ABI VORTAC.

BOOMR TRANSITION (WORTH5.BOOMR): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to OWING INT, then via LBB R-086 to BOOMR INT.

CHILDRESS TRANSITION (WORTH5.CDS): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC.

CORONA TRANSITION (WORTH5.CNX): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-272 and CNX R-088 to CNX VORTAC.

GUTHRIE TRANSITION (WORTH5.GTH): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC.

LUBBOCK TRANSITION (WORTH5.LBB): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC.

MILLSAP TRANSITION (WORTH5.MQP): From over TTT VOR/DME via TTT R-250 to PODDE INT, then via MQP R-081 to MQP VORTAC.

PANHANDLE TRANSITION (WORTH5.PNH): From over TTT VOR/DME via TTT R-285 to SCABI INT, then via CDS R-127 to CDS VORTAC, then via CDS R-297 and PNH R-118 to PNH VORTAC.

PODDE TRANSITION (WORTH5.PODDE): (ATC Assigned) From over TTT VOR/DME via TTT R-250 to PODDE INT.

TEXICO TRANSITION (WORTH5.TXO): From over TTT VOR/DME via TTT R-264 to KIRST INT, then via LBB R-102 to LBB VORTAC, then via LBB R-305 and TXO R-124 to TXO VORTAC.

TUCUMCARI TRANSITION (WORTH5.TCC): From over TTT VOR/DME via TTT R-275 to MANKI INT, then via GTH R-119 to GTH VORTAC, then via GTH R-288 and TCC R-105 to TCC VORTAC.

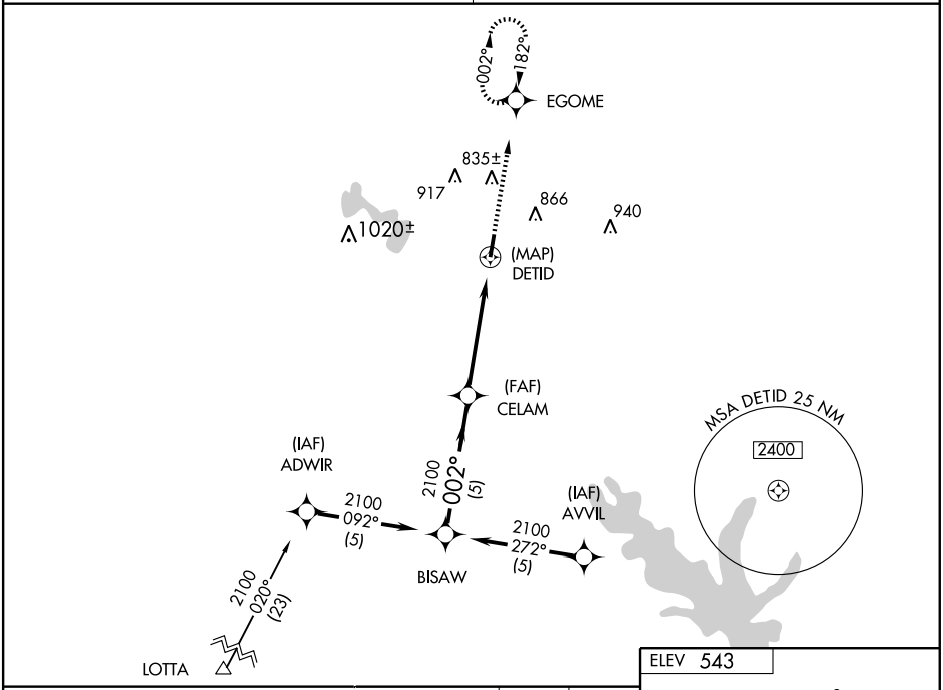
SC-2, 17 DEC 2009 to 14 JAN 2010

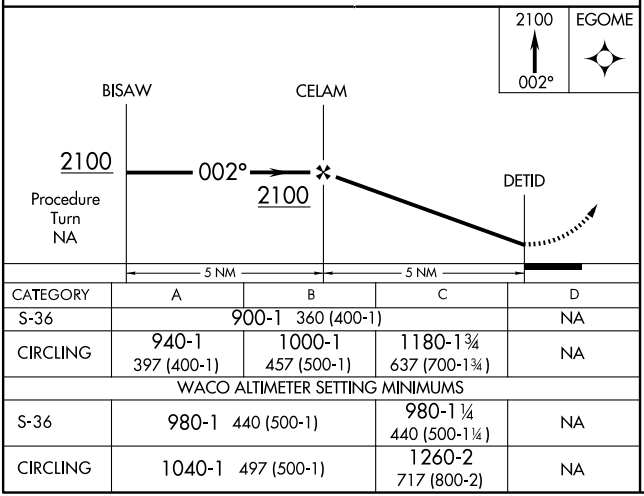
APP CRS	Rwy Idg	5001
002°	TDZE	540
	Apt Elev	543

GPS RWY 36

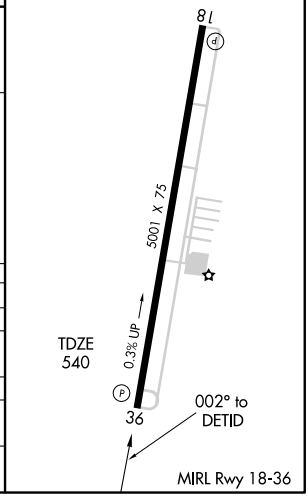
MEXIA-LIMESTONE COUNTY (LXY)

⚠ NA Obtain local altimeter setting on CTAF; when not received, use Waco altimeter setting.	MISSED APPROACH: Climb to 2100 via 002° course to EGOME WP and hold.
WACO APP CON **135.2 352.0**	UNICOM **122.8** (CTAF)





CATEGORY	A	B	C	D
S-36	900-1 360 (400-1)			NA
CIRCLING	940-1 397 (400-1)	1000-1 457 (500-1)	1180-1¾ 637 (700-1¾)	NA
WACO ALTIMETER SETTING MINIMUMS				
S-36	980-1 440 (500-1)		980-1¼ 440 (500-1¼)	NA
CIRCLING	1040-1 497 (500-1)		1260-2 717 (800-2)	NA

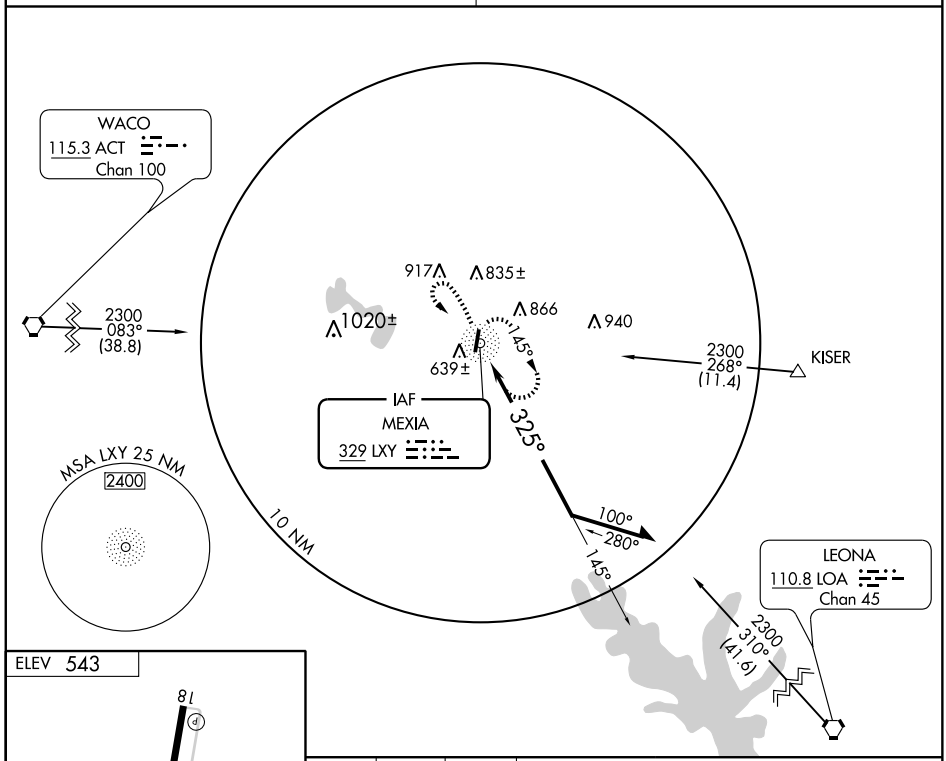


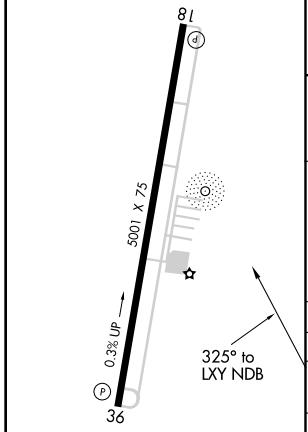
SC-5, 17 DEC 2009 to 14 JAN 2010

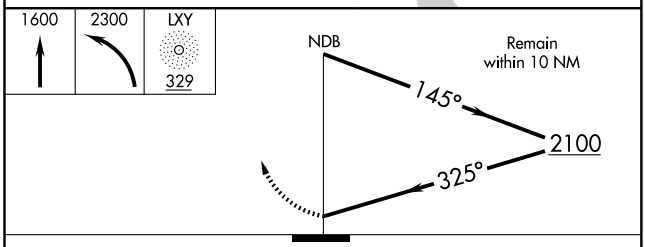
NDB LXY	APP CRS	Rwy Idg	N/A
329	325°	TDZE	N/A
		Apt Elev	543

NDB-A
MEXIA-LIMESTONE COUNTY (LXY)

NA Obtain local altimeter setting on CTAF; when not received, use Waco altimeter setting.	MISSED APPROACH: Climb to 1600 then climbing left turn to 2300 direct LXY NDB and hold.
WACO APP CON **135.2 352.0**	UNICOM **122.8** (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1000-1	457 (500-1)	1180-1¾ 637 (700-1¾)	NA
WACO ALTIMETER SETTING MINIMUMS				
CIRCLING	1080-1	537 (600-1)	1260-2 717 (800-2)	NA

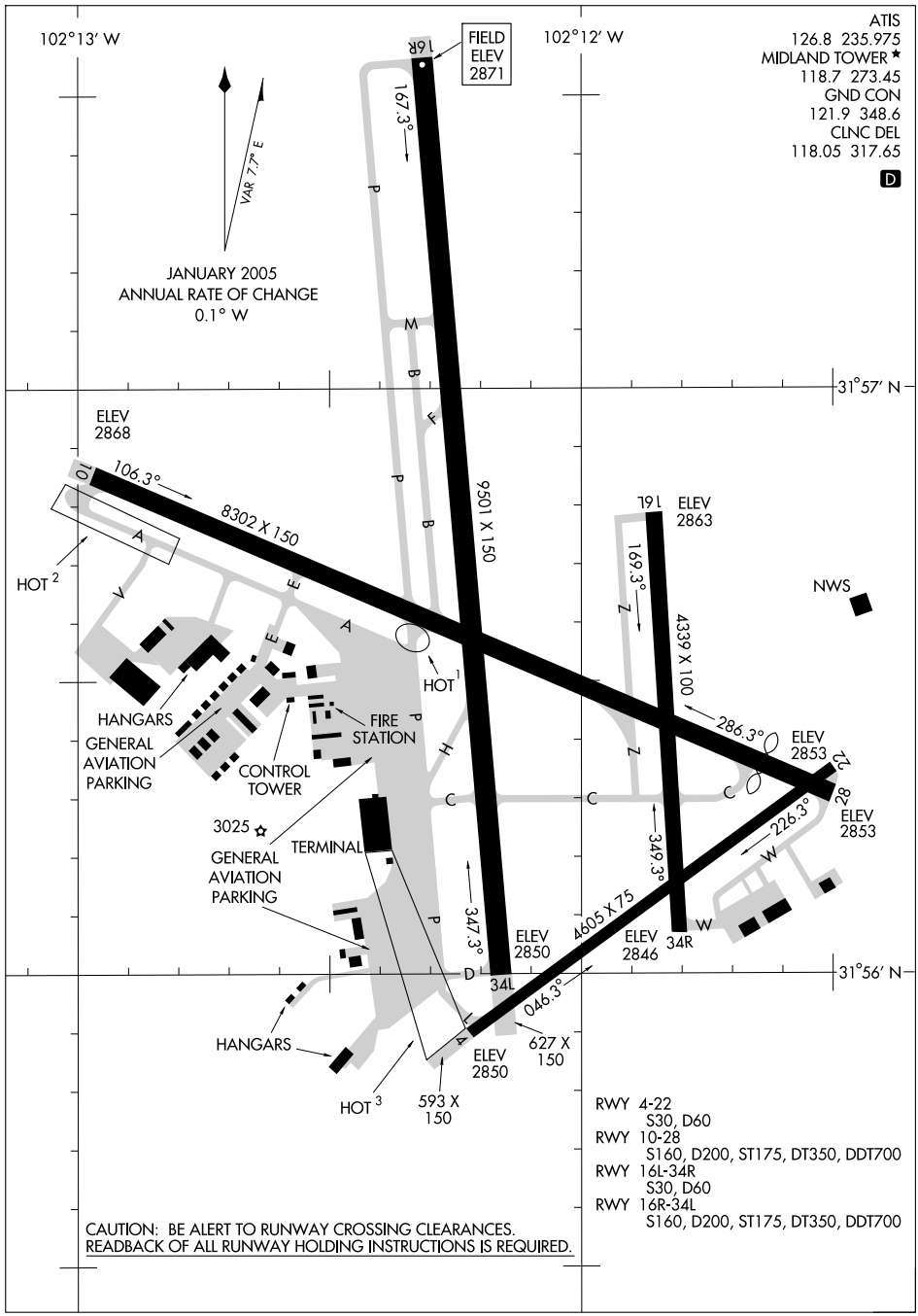
SC-5, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-258 (FAA)

MIDLAND INTL (MAF)

MIDLAND, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 16R

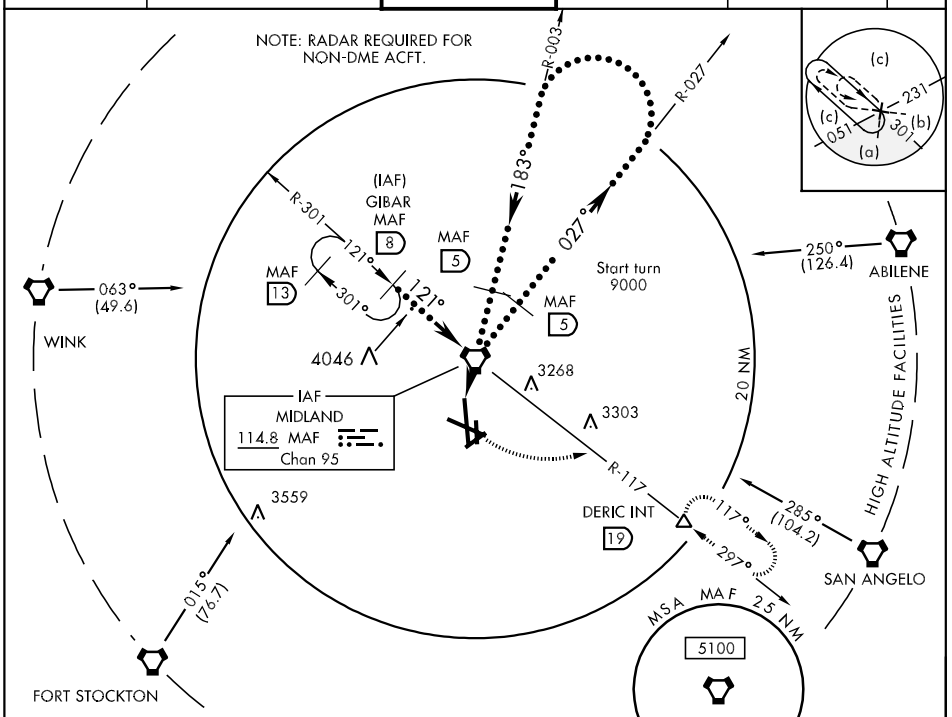
VORTAC MAF	APCH CRS	Rwy ldg	9501
114.8	183°	TDZE	2871
Chan 95		Arpt Elev	2871

JAL-258 [USAF]

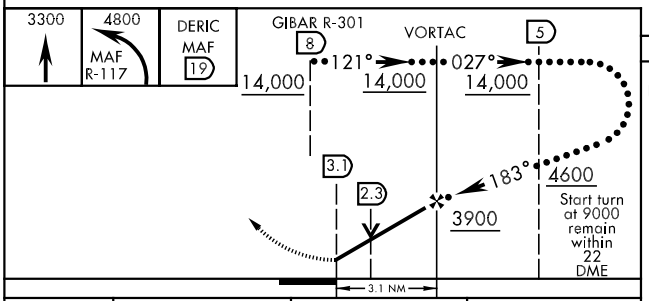
MIDLAND INTL (KMAF)

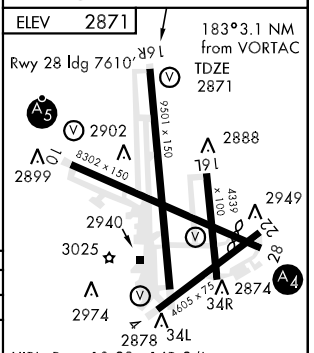
MISSED APPROACH: Climb to 3300 then climbing left turn to 4800 via R-117 to DERIC INT/MAF 19 DME and hold.

ATIS ★	MIDLAND APP CON	MIDLAND TOWER ★	GND CON	CLNC DEL	ASR
126.8 235.975	124.6 290.4	118.7 273.45	121.9 348.6	118.05 317.65	



EMERG SAFE ALT 100 NM 7000





CATEGORY	C	D	E
S-16R	3260-1 389 (400-1)	3260-1¼ 389 (400-1¼)	
CIRCLING	3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)
S-ASR 16R	3280-1¼ 409 (500-1¼)		3280-1½ 409 (500-1½)

31° 56'N-102° 12'W

Amdt 2 09183

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 34L

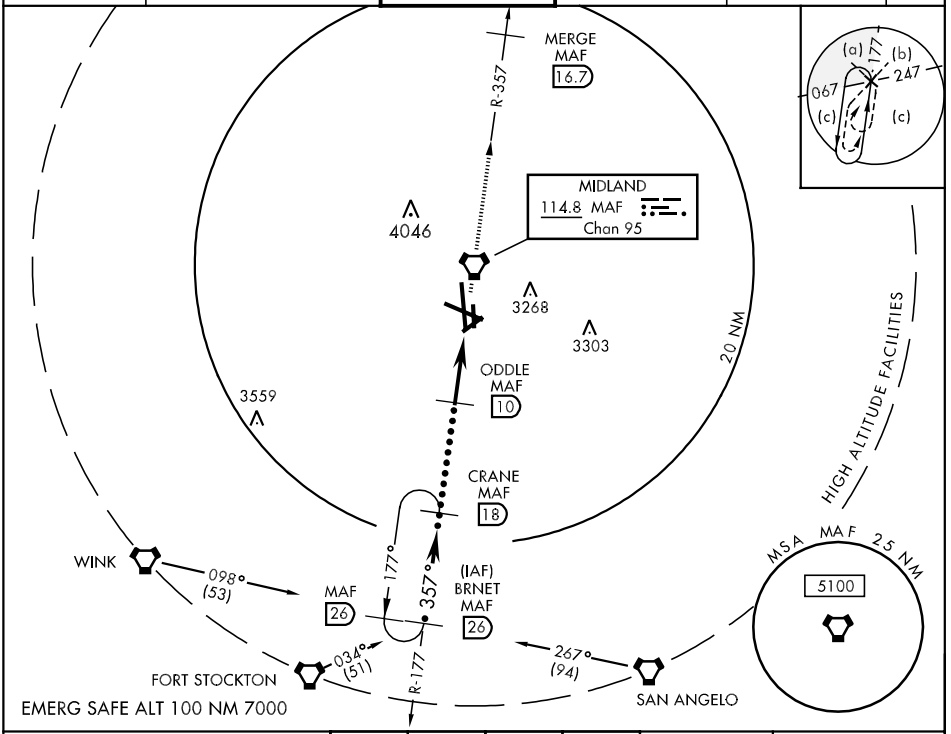
VORTAC MAF	APCH CRS	Rwy ldg	9501
114.8	357°	TDZE	2857
Chan 95		Arpt Elev	2871

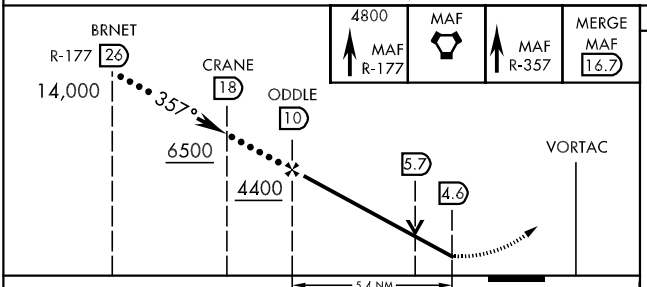
JAL-258 [USAF]

MIDLAND INTL (KMAF)

MISSED APPROACH: Climb to 4800 via R-177 to MAF VORTAC then via MAF R-357 to MERGE/MAF 16.7 DME.

ATIS ★	MIDLAND APP CON	MIDLAND TOWER ★	GND CON	CLNC DEL	ASR
126.8 235.975	124.6 290.4	118.7 273.45	121.9 348.6	118.05 317.65	





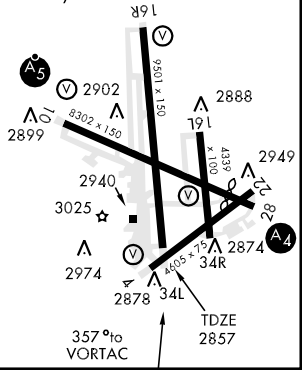
ELEV 2871

Rwy 28 ldg 7610'

HIRL Rwy 10-28, 16R-34L

MIRL Rwy 4-22, 16L-34R

REIL Rwy 34L



CATEGORY	C	D	E
S-34L	3260-1¼ 403 (400-1¼)		3260-1½ 403 (400-1½)
CIRCLING	3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)
S-ASR 34L	3260-1¼ 403 (400-1¼)		3260-1½ 403 (400-1½)

31° 56'N-102° 12'W

LOC/DME I-MAF	APP CRS	Rwy Idg	8302
110.3	105°	TDZE	2868
Chan 40		Apt Elev	2871

ILS or LOC RWY 10

MIDLAND INTL (MAF)

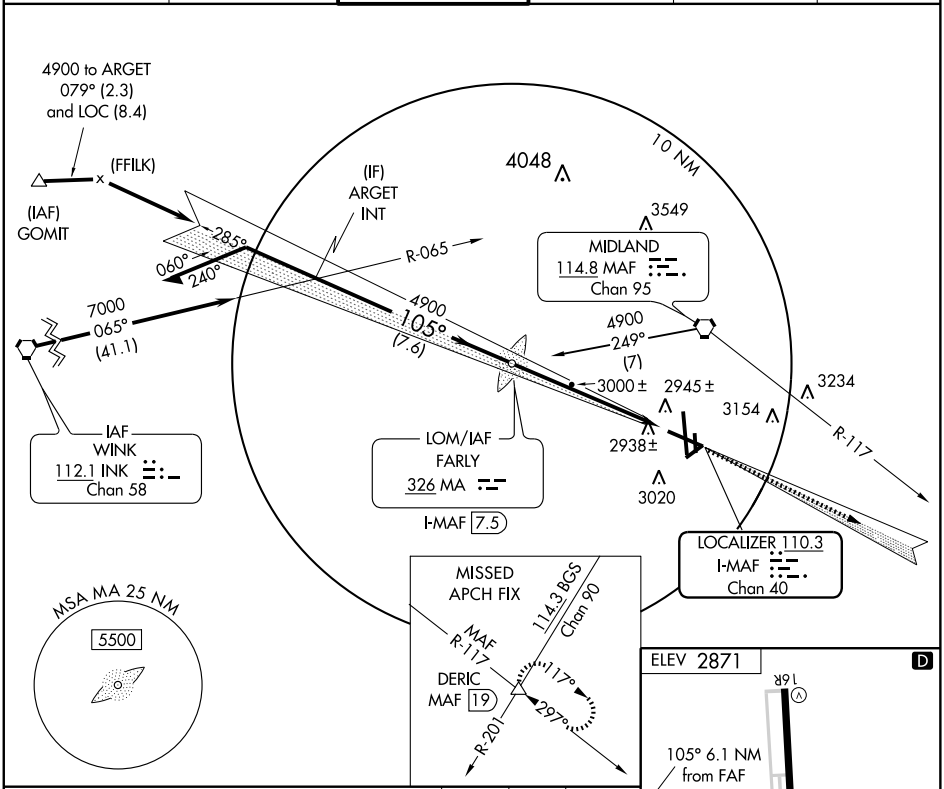
ASR

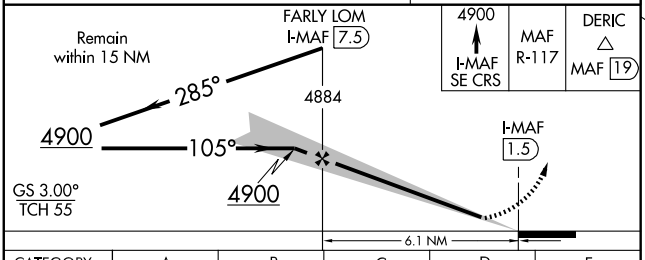
*RVR 1800 authorized with the use of FD or AP or HUD to DA.

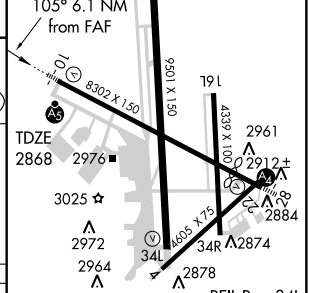
MALSR

MISSED APPROACH: Climb to 4900 via I-MAF SE course and MAF VORTAC R-117 to DERIC Int/19 DME and hold.

ATIS	MIDLAND APP CON*	MIDLAND TOWER *	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95







CATEGORY	A	B	C	D	E
S-ILS 10	*3068/24 200 (200-½)				
S-LOC 10	3260/24 392 (400-½)			3260/40 392 (400-¾)	
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)

FAF to MAP 6.1 NM

Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

SC-3, 17 DEC 2009 to 14 JAN 2010

MIDLAND, TEXAS AL-258 (FAA)

LOC I-MAF	APP CRS	Rwy Idg	7610
110.3	285°	TDZE	2857
Chan 40		Apt Elev	2871

LOC BC RWY 28

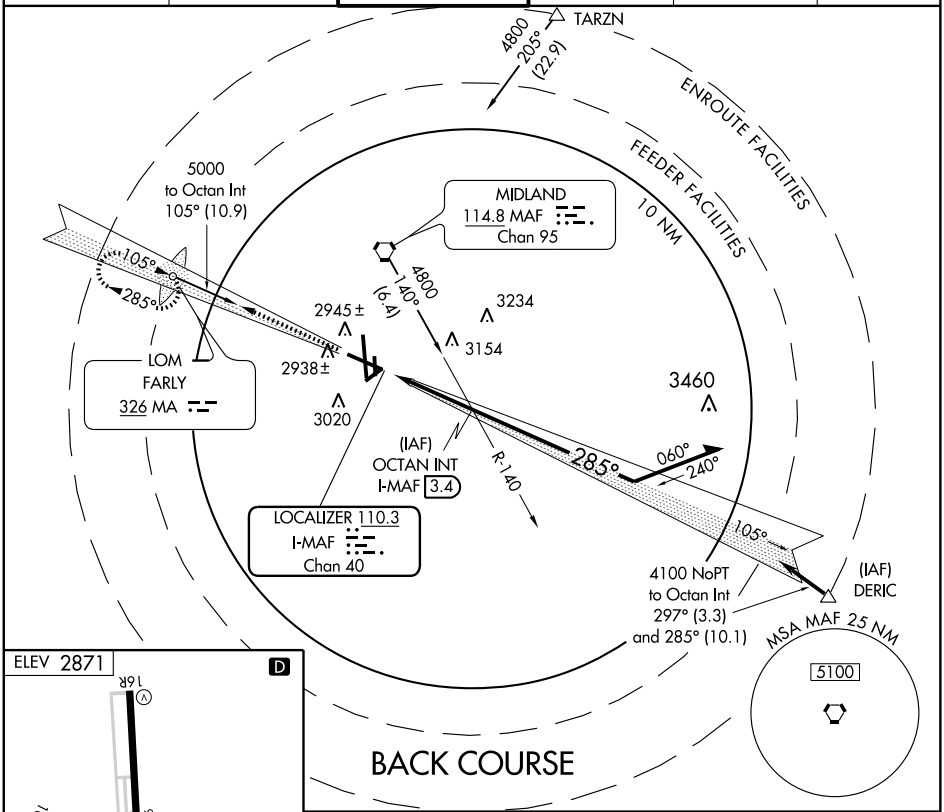
MIDLAND INTL (MAF)

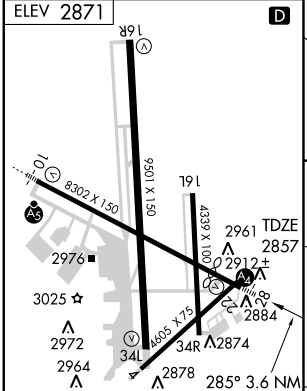
T A ASR — Disregard glide path indications.

MALS

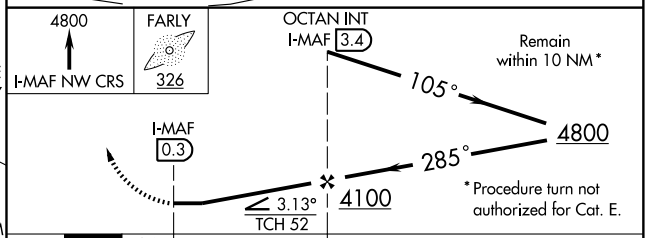
MISSED APPROACH: Climb to 4800 via I-MAF NW course to FARLY LOM and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER ★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) 273.45	121.9 348.6	118.05 317.65	122.95





FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

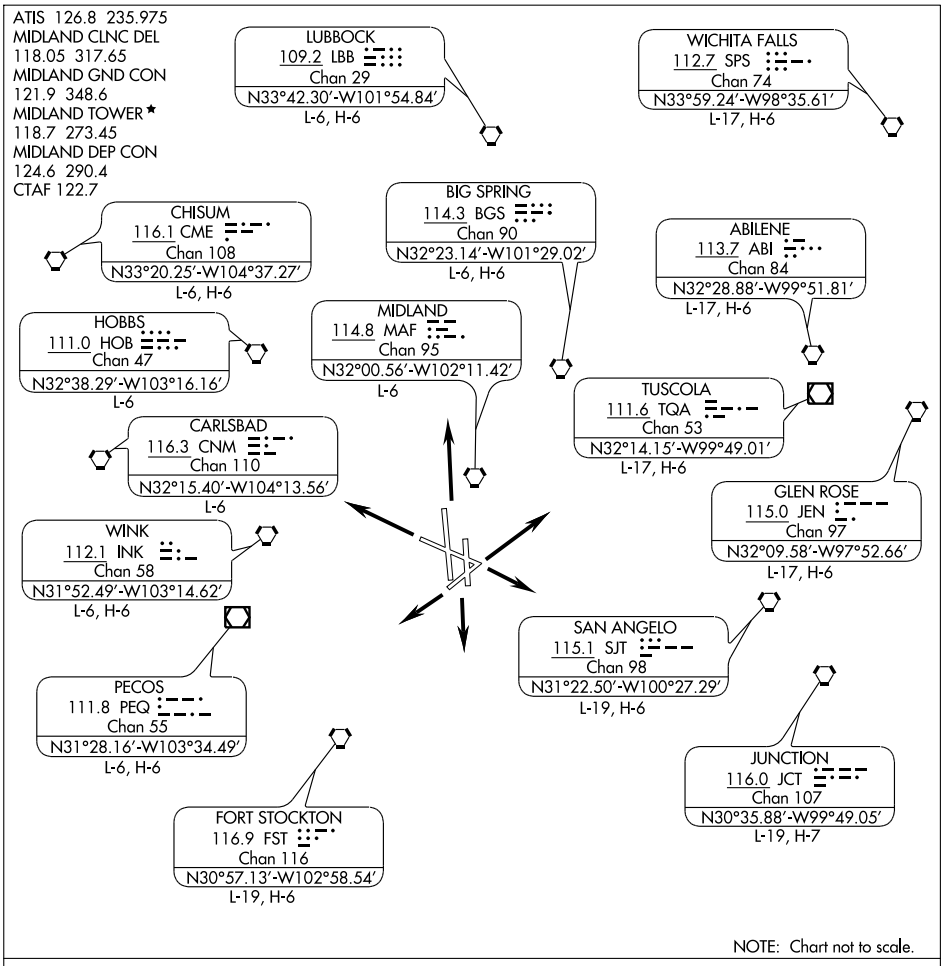


CATEGORY	A	B	C	D	E
S-28	3180-¾ 323 (400-¾)			3180-1 323 (400-1)	
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

MIDLAND FOUR DEPARTURE

SL-258 (FAA)



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

ALL RUNWAYS: Fly runway heading. Expect radar vectors to filed route/fix. Maintain 13,000′ (or filed lower altitude) and expect clearance to filed flight level/altitude 10 minutes after departure.

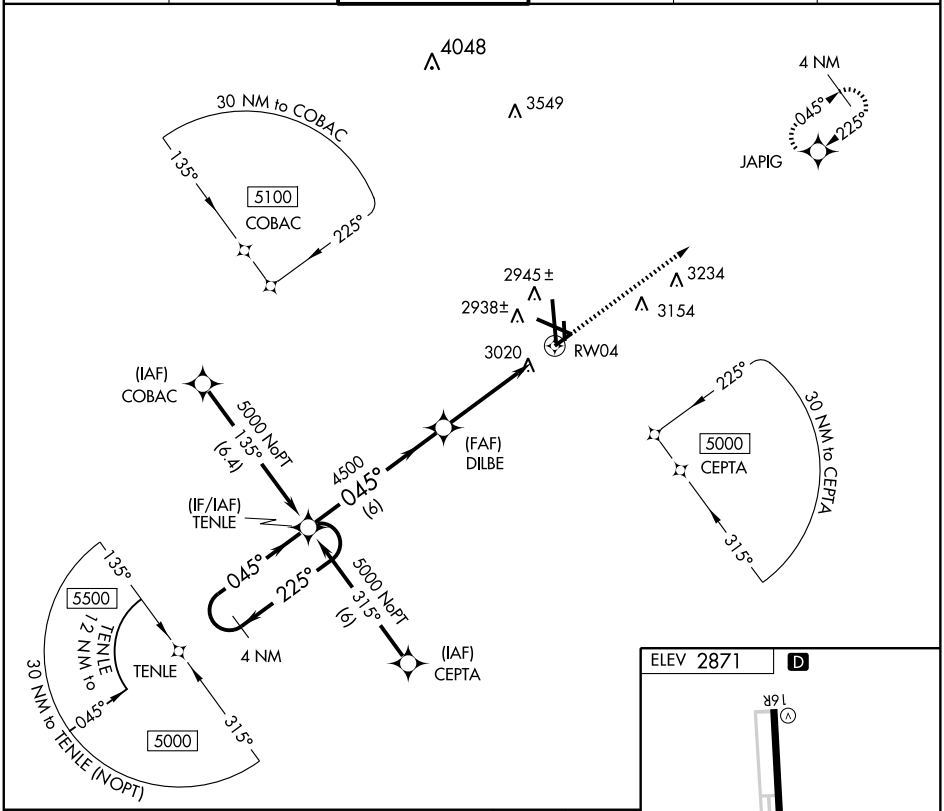
APP CRS	Rwy Idg	4605
045°	TDZE	2850
	Apt Elev	2871

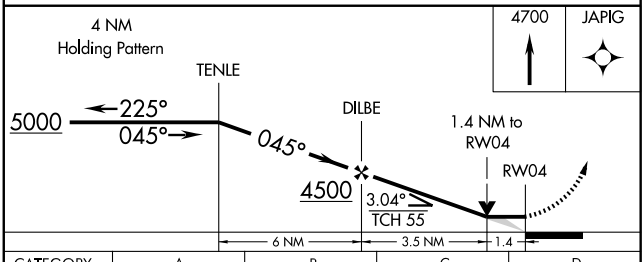
RNAV (GPS) RWY 4
MIDLAND INTL (MAF)

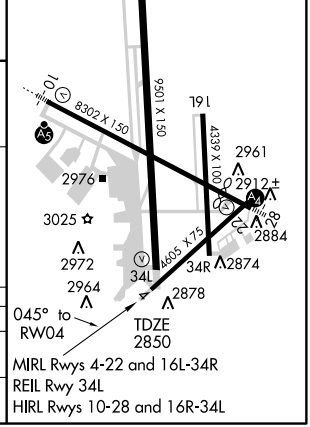
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
NA Circling NA at night to Rwy 16L.
ASR Straight-in minima NA at night.

MISSED APPROACH: Climb to 4700 direct JAPIG and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95







CATEGORY	A	B	C	D
LNAV MDA	3360-1 510 (500-1)		3360-1½ 510 (500-1½)	
CIRCLING	3360-1 489 (500-1)		3360-1½ 489 (500-1½)	3440-2 569 (600-2)

MIRL Rwys 4-22 and 16L-34R
REIL Rwy 34L
HIRL Rwys 10-28 and 16R-34L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8302
CH 69310	105°	TDZE	2868
W10A		Apt Elev	2871

RNAV (GPS) RWY 10
MIDLAND INTL (MAF)

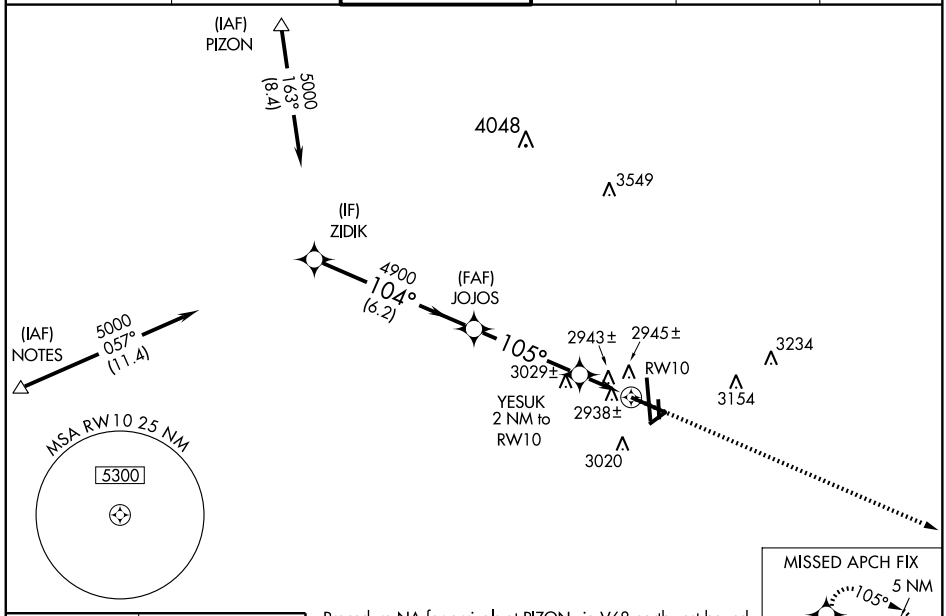
ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°) or above 43°C (109°F). DME/DME RNP-0.3 NA. Baro VNAV and VDP NA when using Odessa altimeter setting. For inoperative MALSR increase LNAV Cat D visibility to RVR 6000. When using Odessa altimeter setting, increase LPV visibility to RVR 5000 all Cats. When Midland Intl altimeter setting not received, use Odessa altimeter setting and increase all DA 41 feet and all MDA 60 feet. Increase LNAV Cat C visibility to RVR 4000.

MALSR

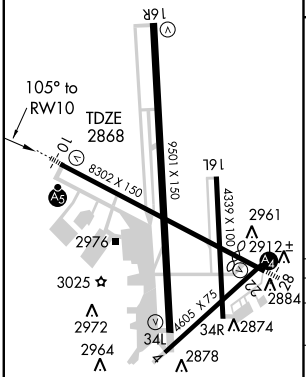
MISSED APPROACH: Climb to 4500 direct GORBE and hold.

ATIS	MIDLAND APP CON ★	MIDLAND TOWER ★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95



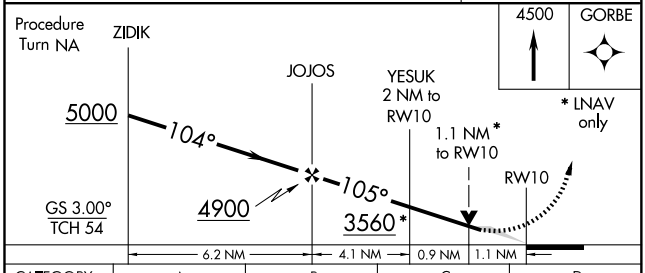
MISSED APCH FIX
5 NM
105°
285°
GORBE

ELEV 2871 D



REIL Rwy 34L
MIRL Rwys 4-22 and 16L-34R
HIRL Rwys 10-28 and 16R-34L

Procedure NA for arrivals at PIZON via V68 northwest bound and for arrivals at NOTES via V94-546 westbound.



CATEGORY	A	B	C	D
LPV DA	3118/24 250 (300-½)			
LNAV/VNAV DA	3269/50 401 (400-1)			
LNAV MDA	3260/24 392 (400-½)			3260/50 392 (400-1)
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9501
166°	TDZE	2871
	Apt Elev	2871

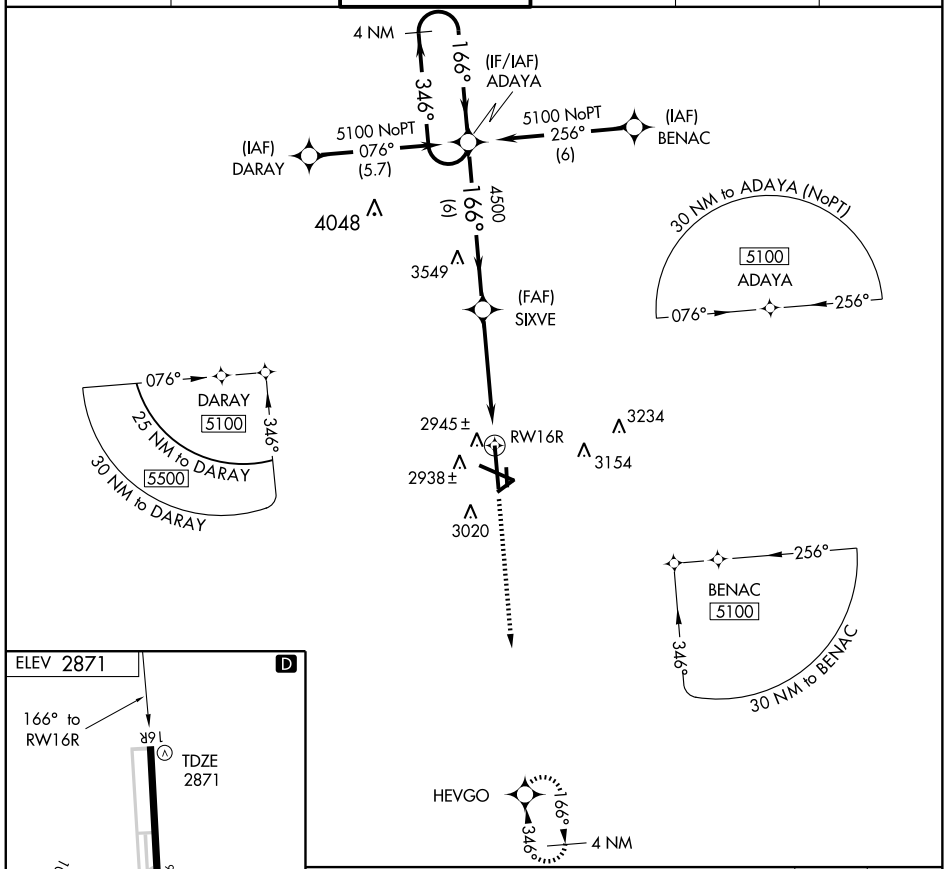
RNAV (GPS) RWY 16R

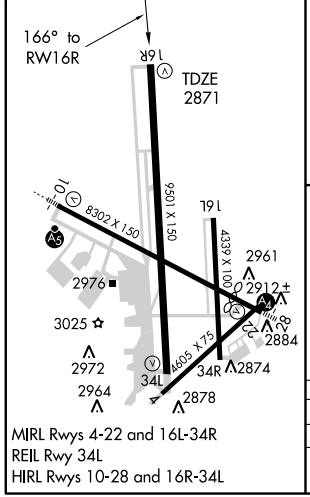
MIDLAND INTL (MAF)

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Circling NA at night to Rwy 16L.

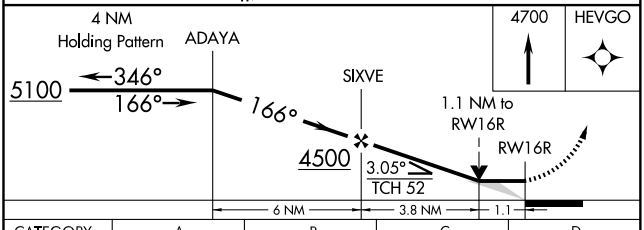
MISSED APPROACH: Climb to 4700 direct HEVGO and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER ★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95





MIRL Rwys 4-22 and 16L-34R
REIL Rwy 34L
HIRL Rwys 10-28 and 16R-34L



CATEGORY	A	B	C	D
LNAV MDA	3280-1	409 (500-1)	3280-1¼	409 (500-1¼)
CIRCLING	3340-1	469 (500-1)	3340-1½ 469 (500-1½)	3440-2 569 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

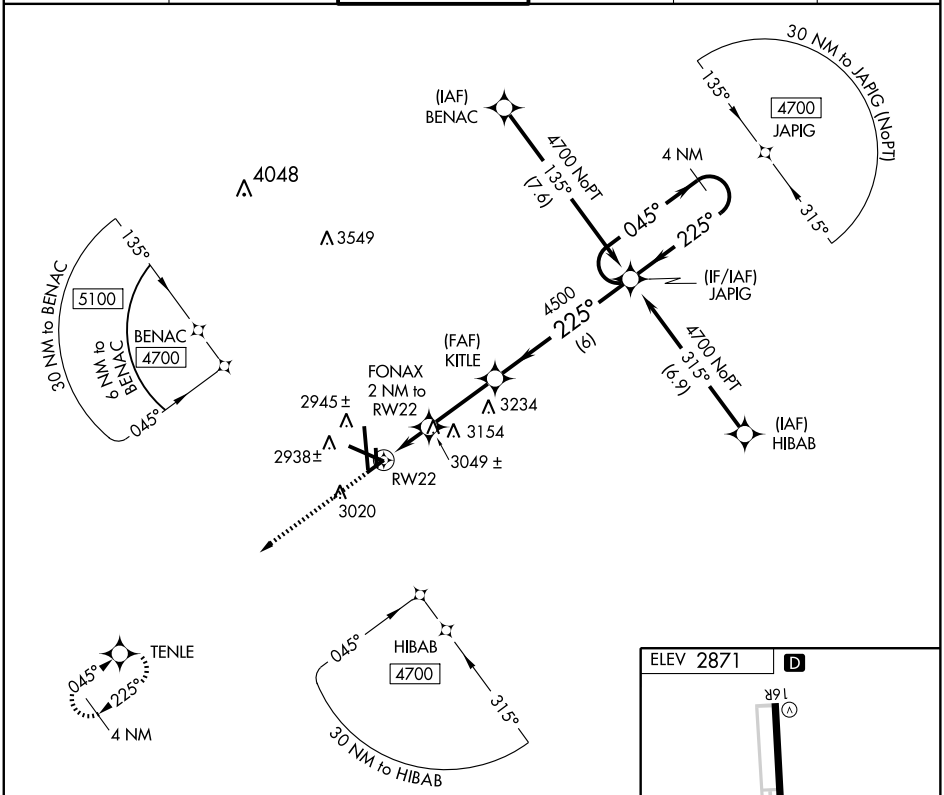
APP CRS	Rwy Idg	4605
225°	TDZE	2853
	Apt Elev	2871

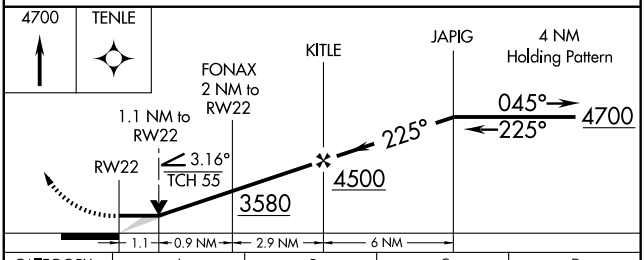
RNAV (GPS) RWY 22
MIDLAND INTL (MAF)

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.
NA Circling NA at night to Rwy 16L.
ASR Straight-in minima NA at night.

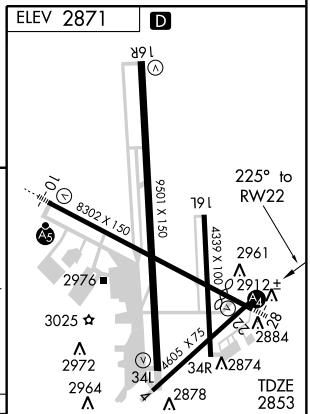
MISSED APPROACH: Climb to 4700 direct TENLE and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95





CATEGORY	A	B	C	D
LNAV MDA	3280-1 427 (500-1)		3280-1¼ 427 (500-1¼)	3280-1½ 427 (500-1½)
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)



MIRL Rwys 4-22 and 16L-34R
REIL Rwy 34L
HIRL Rwys 10-28 and 16R-34L

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	7610
CH 81816	285°	TDZE	2857
W28A		Apt Elev	2871

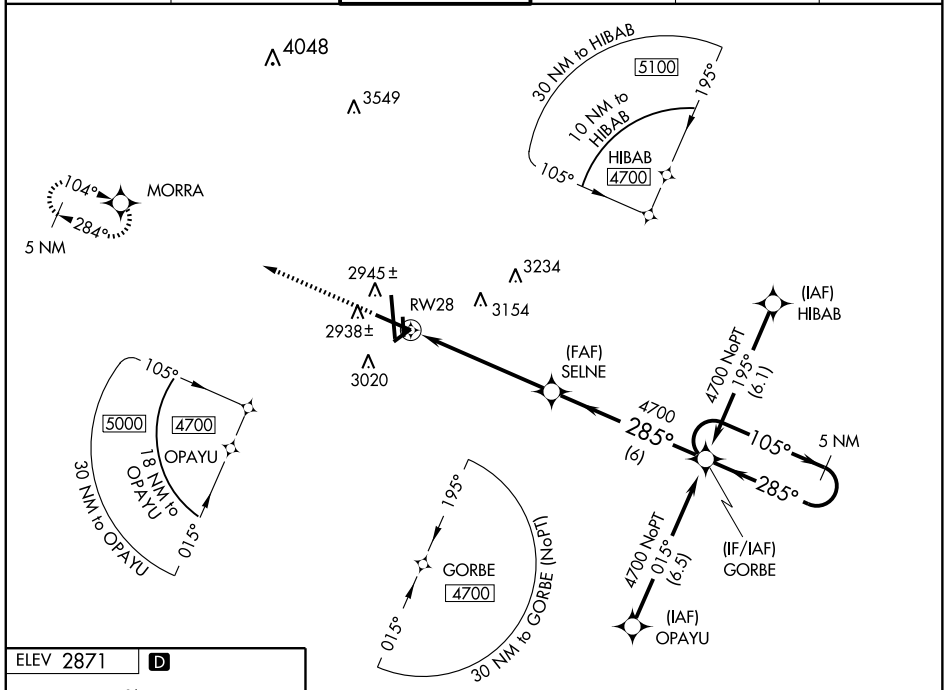
RNAV (GPS) RWY 28
MIDLAND INTL (MAF)

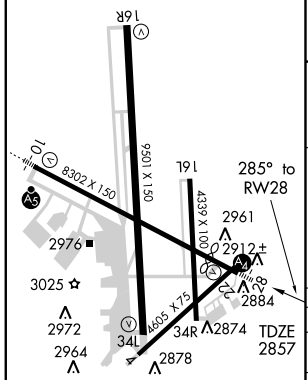
ASR: Inoperative table does not apply to LPV and LNAV/VNAV all Cats and LNAV Cat C and D. DME/DME RNP-0.3 NA. Baro-VNAV NA below -20°C (-4°F). Circling NA at night to Rwy 16L.

MALS

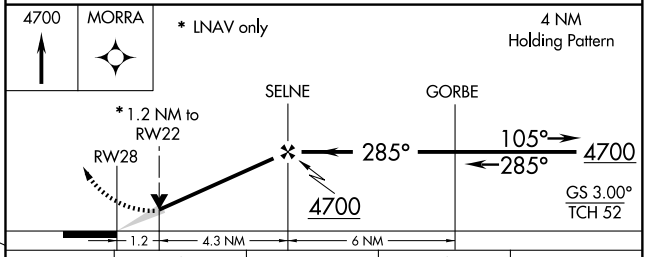
MISSED APPROACH: Climb to 4700 direct MORRA and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER ★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95





MIRL Rwys 4-22 and 16L-34R
REIL Rwy 34L
HIRL Rwys 10-28 and 16R-34L



CATEGORY	A	B	C	D
LPV DA	3110-¾ 253 (300-¾)			
LNAV/VNAV DA	3280-1½ 423 (500-1½)			
LNAV MDA	3280-¾ 423 (500-¾)		3280-1¼ 423 (500-1¼)	
CIRCLING	3340-1½ 469 (500-1½)			3440-2 569 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	9501
346°	TDZE	2857
	Apt Elev	2871

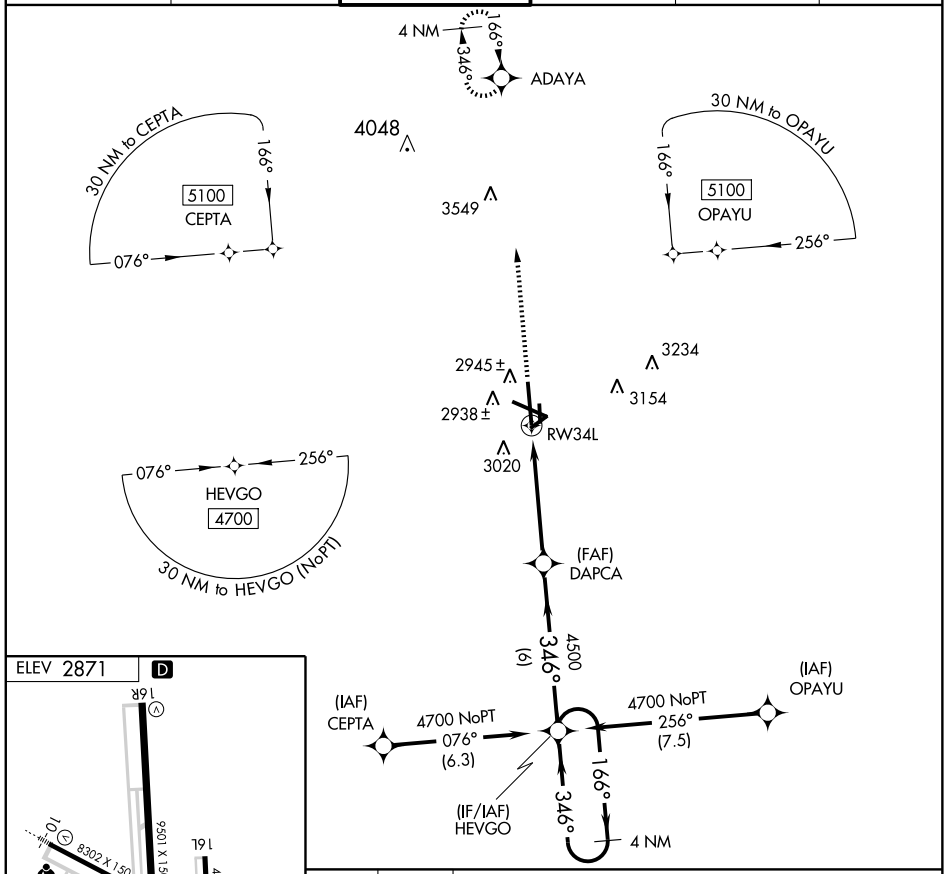
RNAV (GPS) RWY 34L
MIDLAND INTL (MAF)

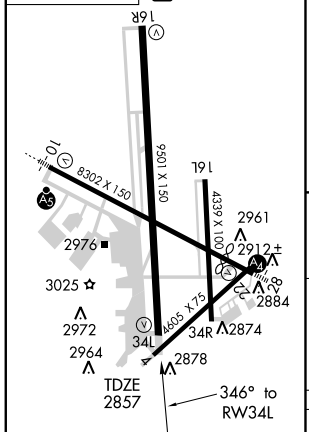
T NA ASR

GPS or RNP-0.3 required. DME/DME RNP-0.3 NA. Circling NA at night to Rwy 16L.

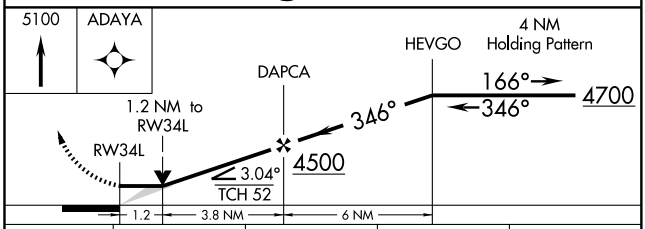
MISSED APPROACH: Climb to 5100 direct ADAYA and hold.

ATIS	MIDLAND APP CON★	MIDLAND TOWER★	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95





MIRL Rwys 4-22 and 16L-34R
REIL Rwy 34L
HIRL Rwys 10-28 and 16R-34L



CATEGORY	A	B	C	D
LNAV MDA	3280-1	423 (500-1)	3280-1¼	423 (500-1¼)
CIRCLING	3340-1	469 (500-1)	3340-1½ 469 (500-1½)	3440-2 569 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC MAF	APP CRS	Rwy Idg	9501
114.8	357°	TDZE	2857
Chan 95		Apt Elev	2871

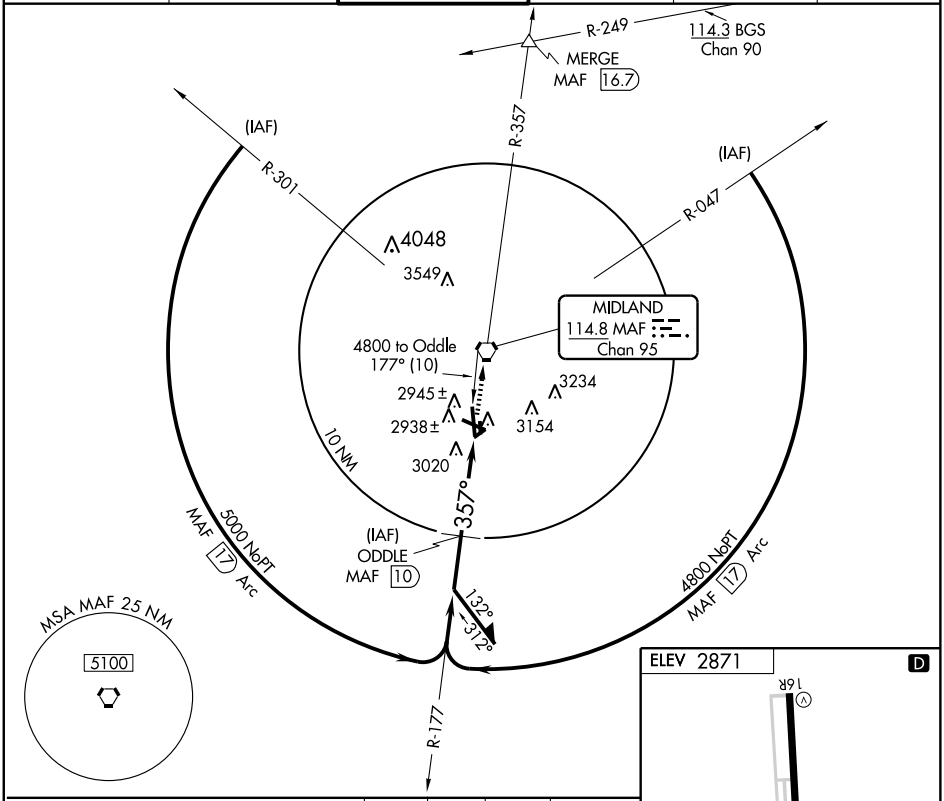
VOR/DME or TACAN RWY 34L

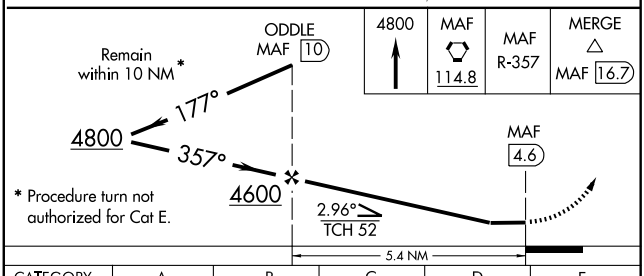
MIDLAND INTL (MAF)

ASR

MISSED APPROACH: Climb to 4800 direct to MAF VORTAC then via MAF R-357 to MERGE Int/MAF 16.7 DME.

ATIS	MIDLAND APP CON*	MIDLAND TOWER *	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95







CATEGORY	A	B	C	D	E
S-34L	3260-1 403 (400-1)		3260-1¼ 403 (400-1¼)		3260-1½ 403 (400-1½)
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)

REIL Rwy 34L
MIRL Rwys 4-22 and 16L-34R
HIRL Rwys 10-28 and 16R-34L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC MAF	APP CRS	Rwy Idg	9501
114.8	183°	TDZE	2871
Chan 95		Apt Elev	2871

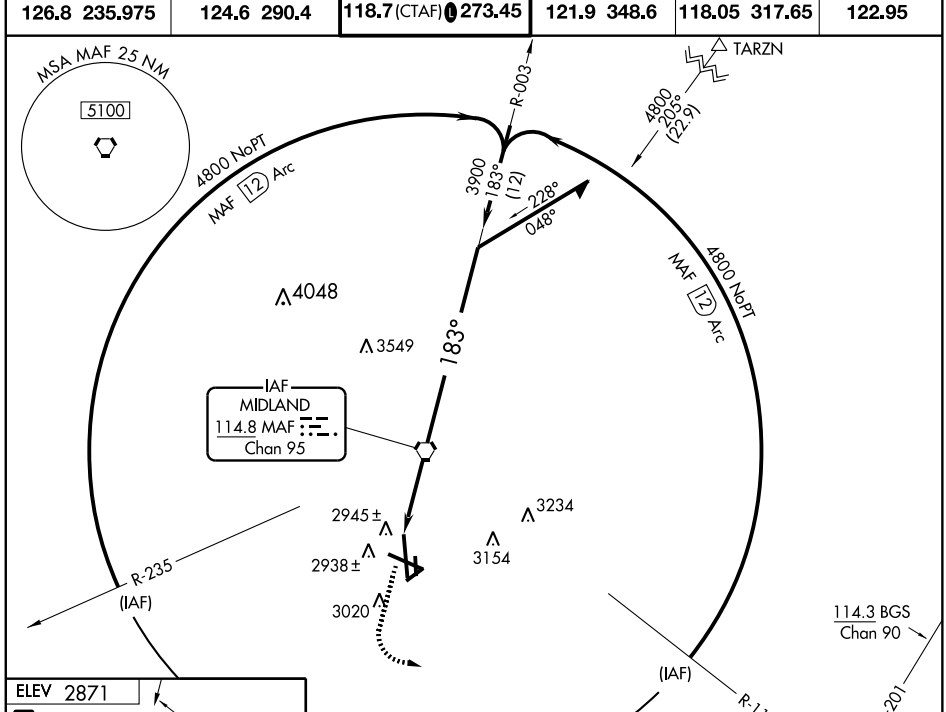
VOR or TACAN RWY 16R

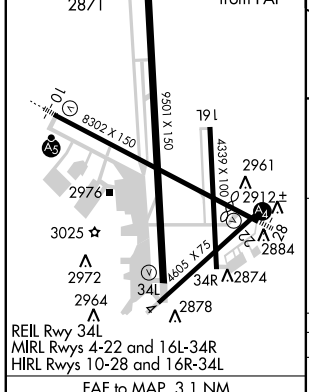
MIDLAND INTL (MAF)

ASR

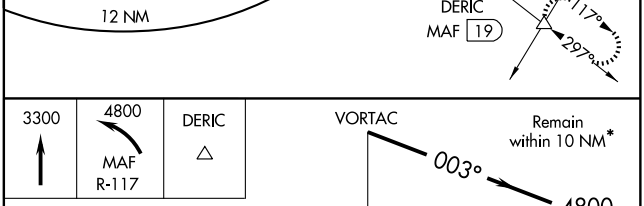
MISSED APPROACH: Climb to 3300 then climbing left turn to 4800 via MAF R-117 to DERIC Int and hold.

ATIS	MIDLAND APP CON*	MIDLAND TOWER*	GND CON	CLNC DEL	UNICOM
126.8 235.975	124.6 290.4	118.7 (CTAF) L 273.45	121.9 348.6	118.05 317.65	122.95





FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02



CATEGORY	A	B	C	D	E
S-16R	3260-1 389 (400-1)			3260-1¼ 389 (400-1¼)	
CIRCLING	3340-1 469 (500-1)		3340-1½ 469 (500-1½)	3440-2 569 (600-2)	3600-2½ 729 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC MAF	APP CRS	Rwy Idg	5022
114.8	239°	TDZE	2800
Chan 95		Apt Elev	2803

VOR/DME or GPS RWY 25

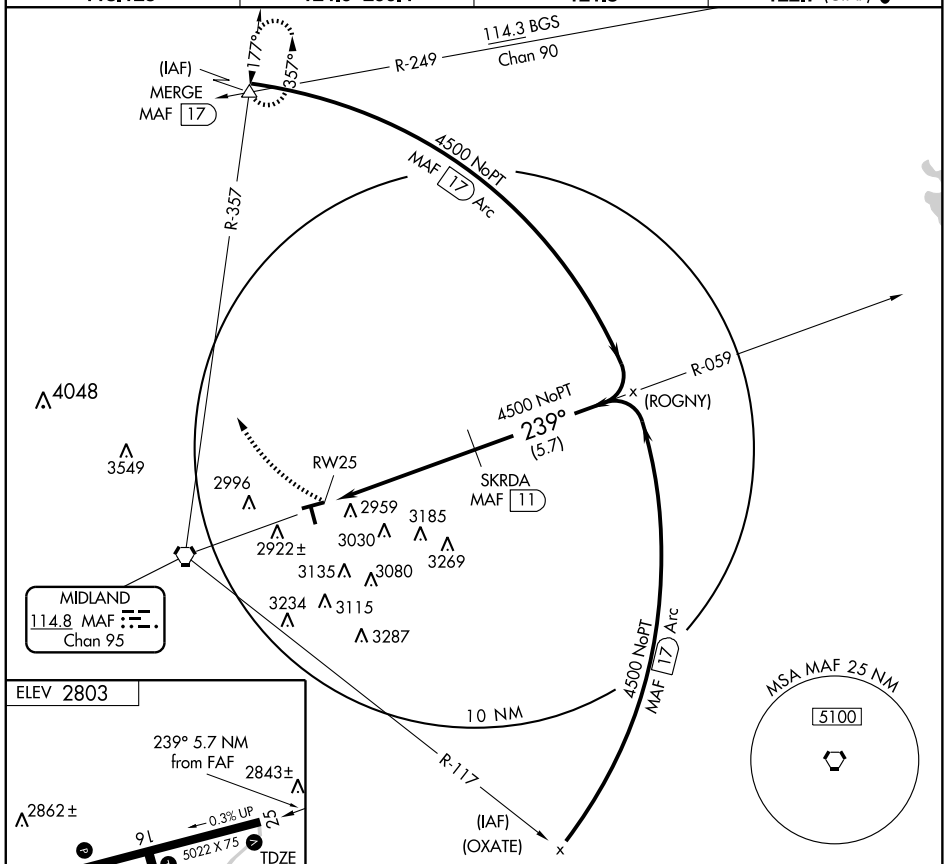
MIDLAND AIRPARK (MDD)

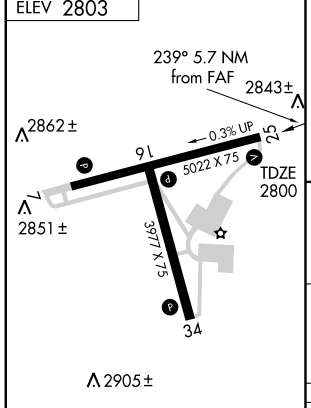
NA

Use Midland Intl altimeter setting.

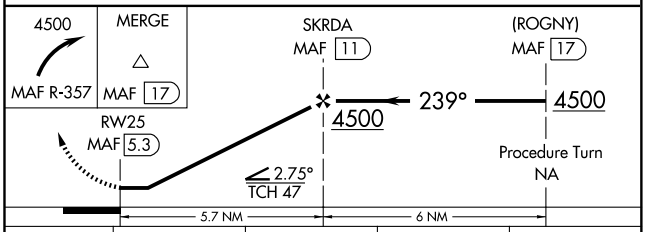
MISSED APPROACH: Climbing right turn to 4500 via MAF R-357 to MERGE Int/17 DME and hold.

AWOS-3	MIDLAND APP CON ★	CLNC DEL	UNICOM
118.125	124.6 290.4	121.8	122.7 (CTAF) L





Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-25	3400-1	600 (600-1)	3400-1½ 600 (600-1½)	3400-1¾ 600 (600-1¾)
CIRCLING	3400-1	597 (600-1)	3400-1½ 597 (600-1½)	3700-3 897 (900-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC MAF	APP CRS	Rwy Idg	N/A
114.8	061°	TDZE	N/A
Chan 95		Apt Elev	2802

VOR or GPS-A

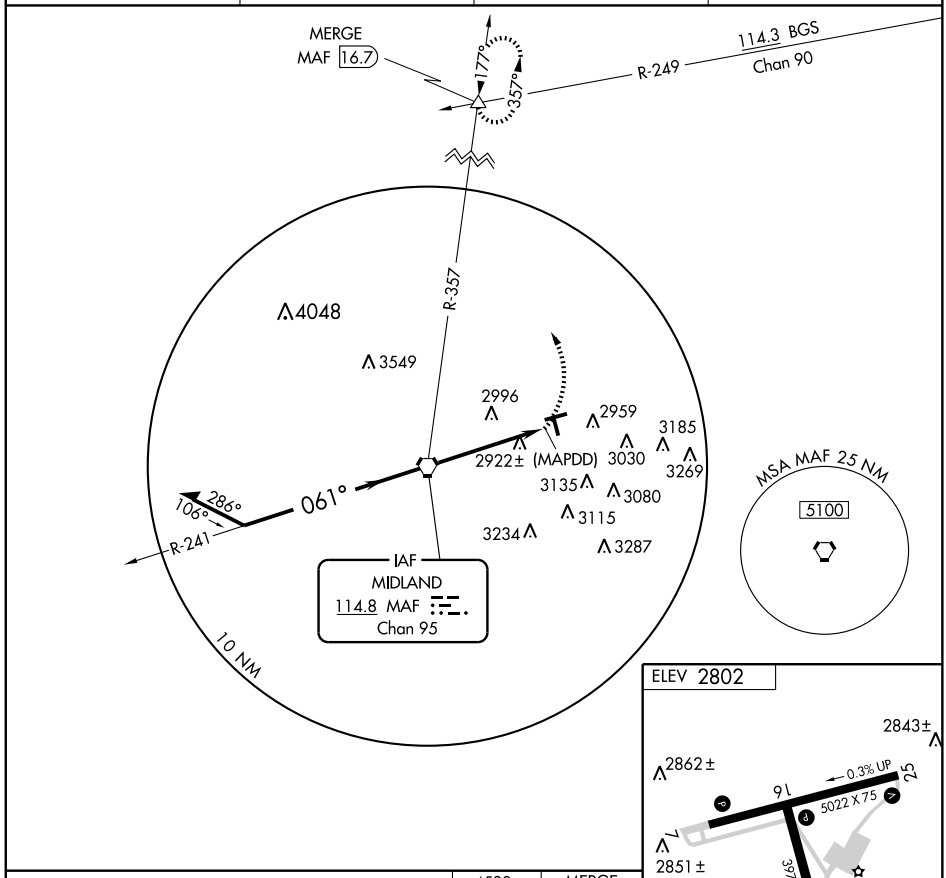
MIDLAND AIRPARK (MDD)

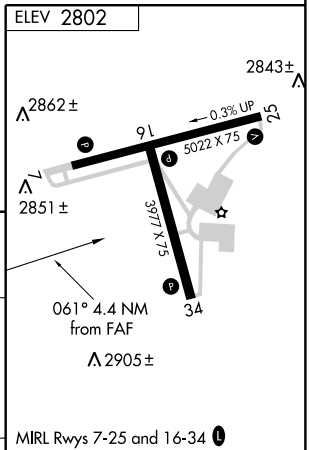
T
NA

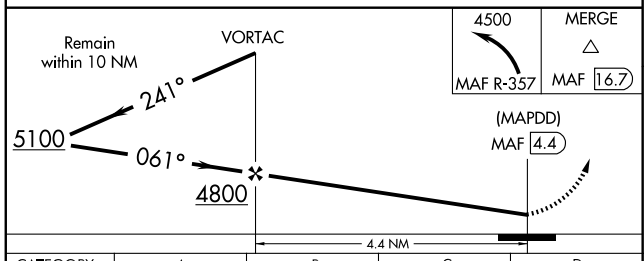
Use Midland Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 4500 via MAF R-357 to MERGE Int and hold.

AWOS-3	MIDLAND APP CON ★	CLNC DEL	UNICOM
118.125	124.6 290.4	121.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	3380-1	578 (600-1)	3380-1½ 578 (600-1½)	3700-3 898 (900-3)

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	4999
CH 62814	358°	TDZE	703
W36A		Apt Elev	726

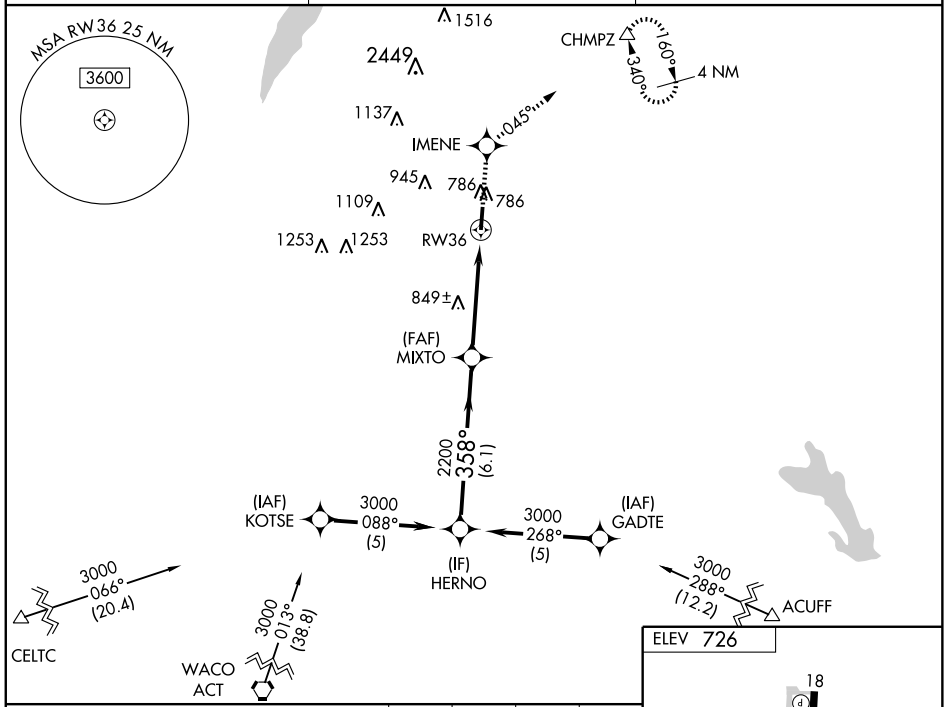
RNAV (GPS) RWY 36

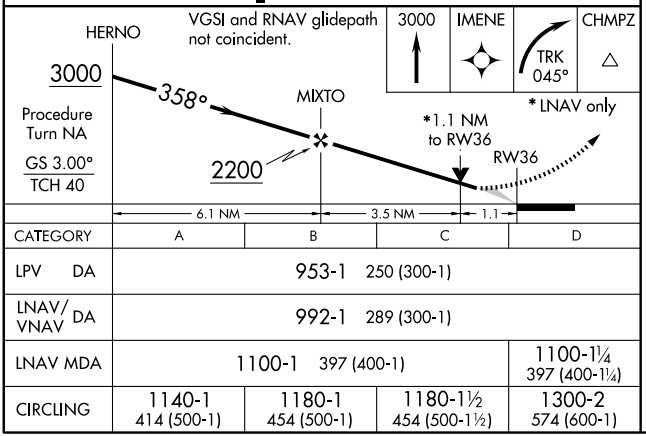
MIDLOTHIAN/WAXAHACHIE/MID-WAY RGNL (JWY)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dallas Love Field altimeter setting and increase all DA 88 feet and all MDA 100 feet, increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ½ mile, LNAV Cats C and D visibility ¼ mile, Circling Cat D visibility ¼ mile. Baro-VNAV and VDP NA when using Dallas Love Field altimeter setting.

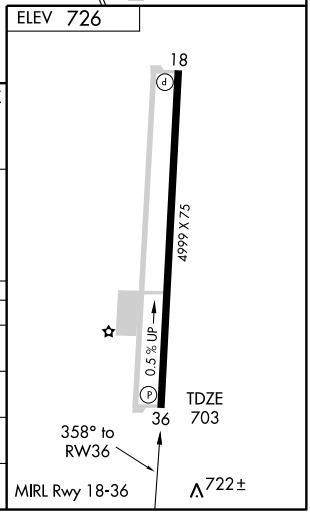
MISSED APPROACH: Climb to 3000 direct IMENE and right turn via track 045° to CHMPZ and hold, continue climb-in-hold to 3000.

AWOS-3	REGIONAL APP CON	UNICOM
119.575	125.2 343.65	122.975 (CTAF)





CATEGORY	A	B	C	D
LPV DA	953-1 250 (300-1)			
LNAV/VNAV DA	992-1 289 (300-1)			
LNAV MDA	1100-1 397 (400-1)			1100-1¼ 397 (400-1¼)
CIRCLING	1140-1 414 (500-1)	1180-1 454 (500-1)	1180-1½ 454 (500-1½)	1300-2 574 (600-1)



SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME UIM	APP CRS	Rwy Idg	N/A
114.0	203°	TDZE	N/A
Chan 87		Apt Elev	429

VOR/DME-A

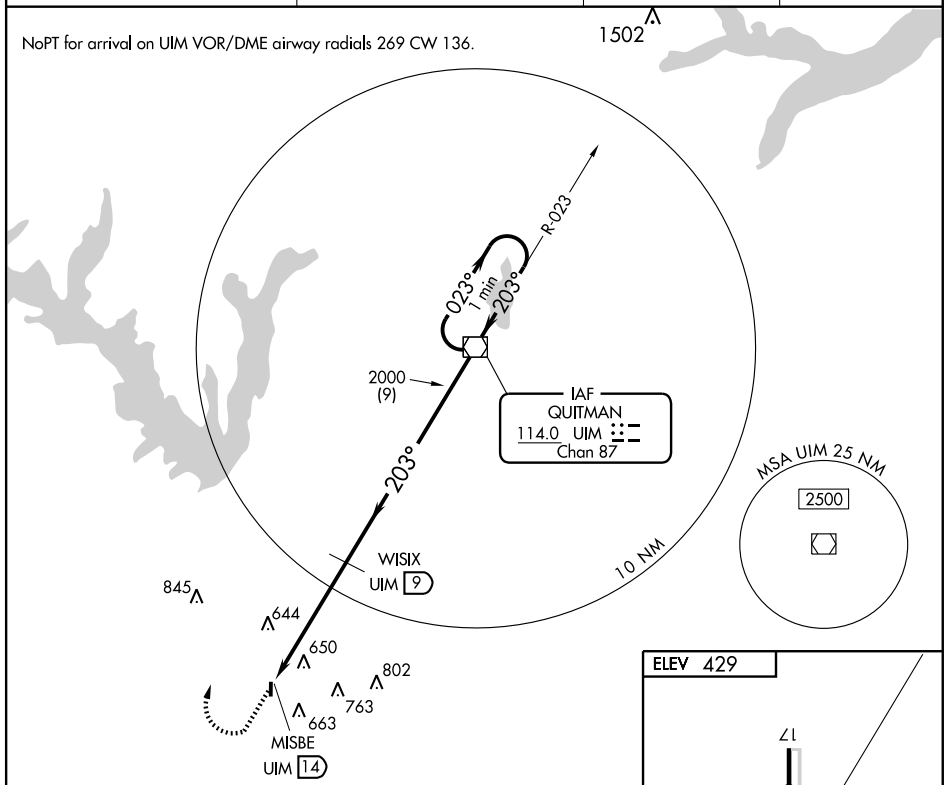
MINEOLA WISENER FIELD (3F9)

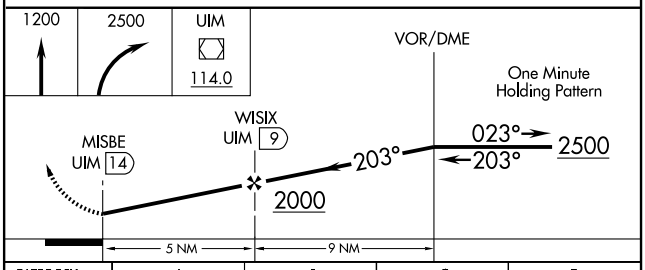
⚠ NA Use Tyler Pounds Rgnl altimeter setting; if not received, use East Texas Rgnl altimeter setting and increase all MDAs 40 feet.

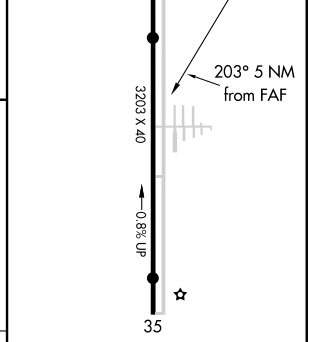
MISSED APPROACH: Climb to 1200 then climbing right turn to 2500 direct UIM VOR/DME and hold.

TYLER POUNDS RGNL ATIS ★	EAST TEXAS RGNL ATIS ★	LONGVIEW APP CON ★	UNICOM
126.25	119.65	128.75 379.15	122.8 (CTAF) L

NoPT for arrival on UIM VOR/DME airway radials 269 CW 136.







CATEGORY	A	B	C	D
CIRCLING	1040-1	611 (700-1)	1040-1¾ 611 (700-1¾)	NA

LIRL Rwy 17-35 L

APP CRS	Rwy Idg	4001
176°	TDZE	421
	Apt Elev	433

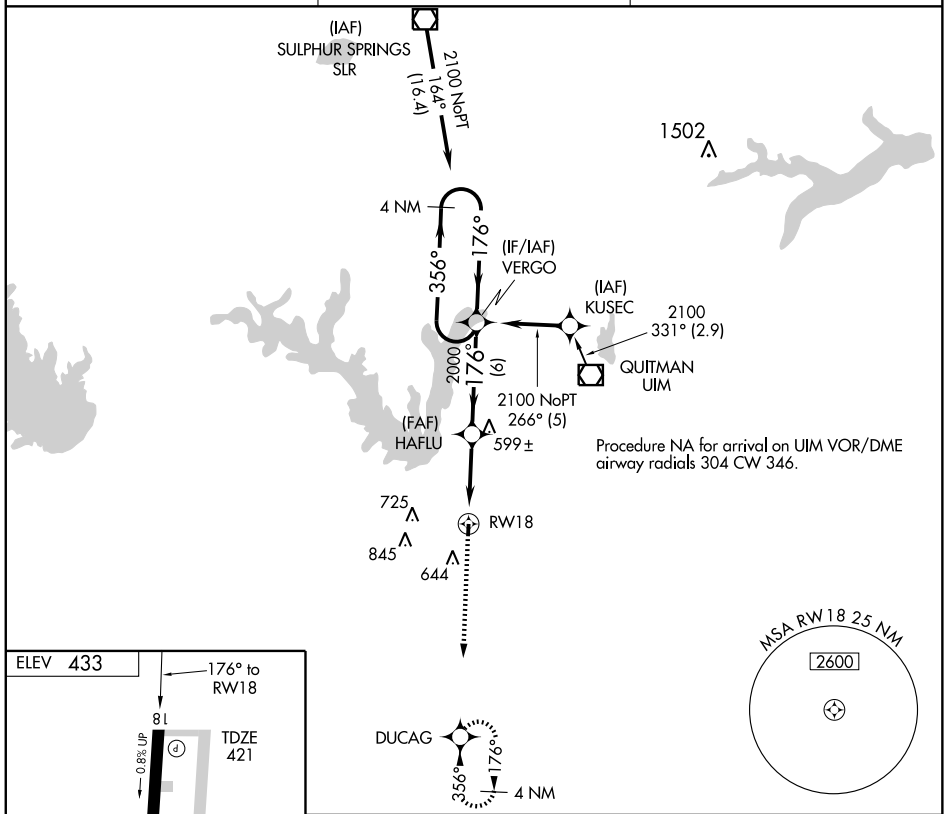
RNAV (GPS) RWY 18

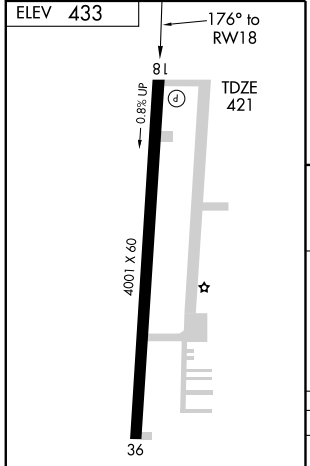
MINEOLA/ WOOD COUNTY (JDD)

DME/DME RNP-0.3 NA.

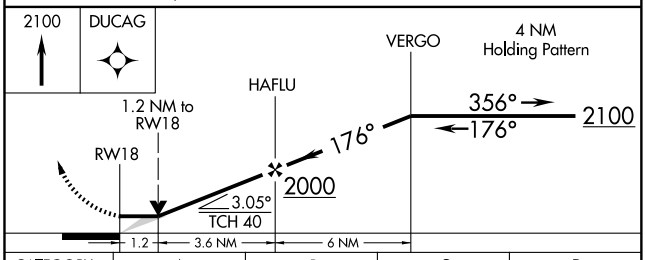
MISSED APPROACH: Climb to 2100 direct DUCAG and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
118.9	128.75 379.15	122.8 (CTAF) L





MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	820-1 399 (400-1)			NA
CIRCLING	920-1 487 (500-1)	940-1 507 (600-1)	1000-1½ 567 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

MINEOLA/QUITMAN, TEXAS

AL-6800 (FAA)

APP CRS	Rwy Idg	4001
356°	TDZE	433
	Apt Elev	433

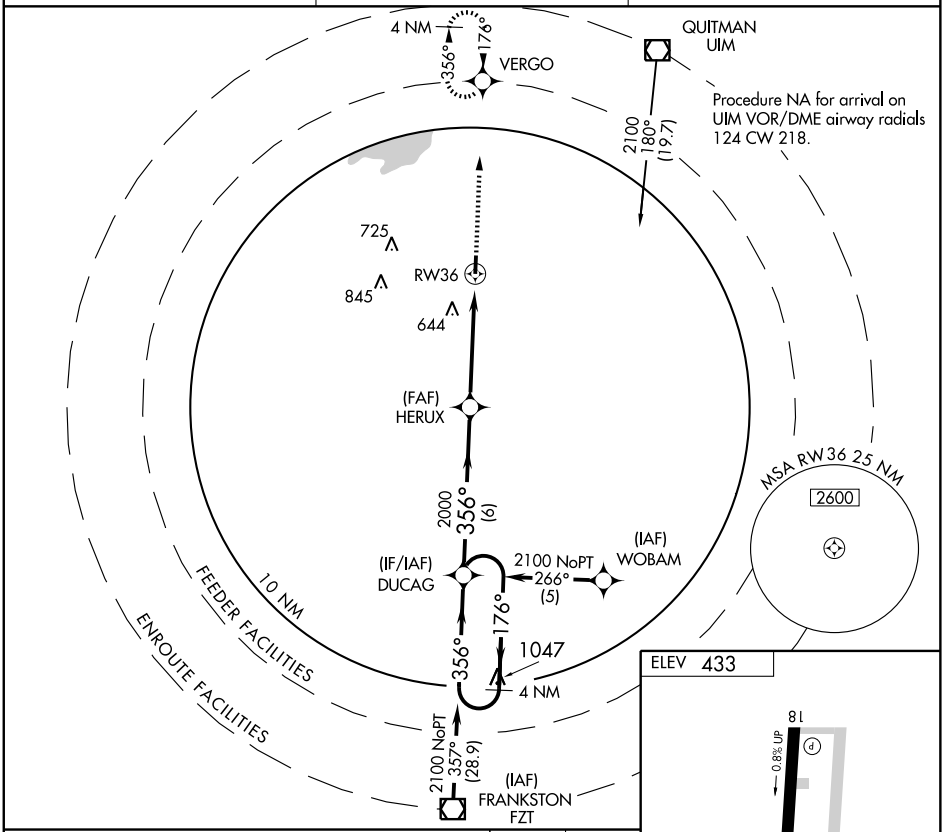
RNAV (GPS) RWY 36

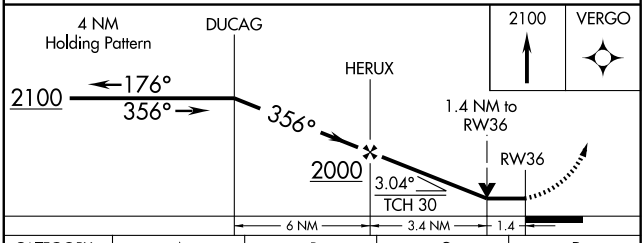
MINEOLA/ WOOD COUNTY (JDD)

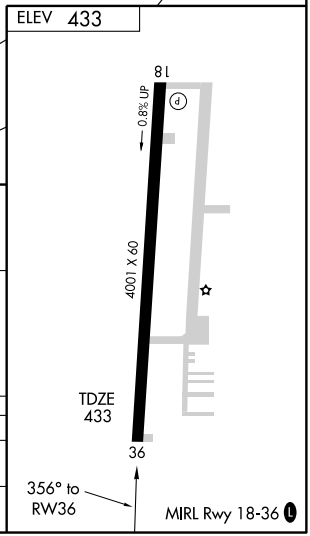
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2100 direct VERGO and hold.

AWOS-3	LONGVIEW APP CON ★	UNICOM
118.9	128.75 379.15	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	920-1 487 (500-1)		920-1¼ 487 (500-1¼)	NA
CIRCLING	920-1 487 (500-1)	940-1 507 (600-1)	1000-1½ 567 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME UIM 114.0 Chan 87	APP CRS 210°	Rwy Idg N/A TDZE N/A Apt Elev 433

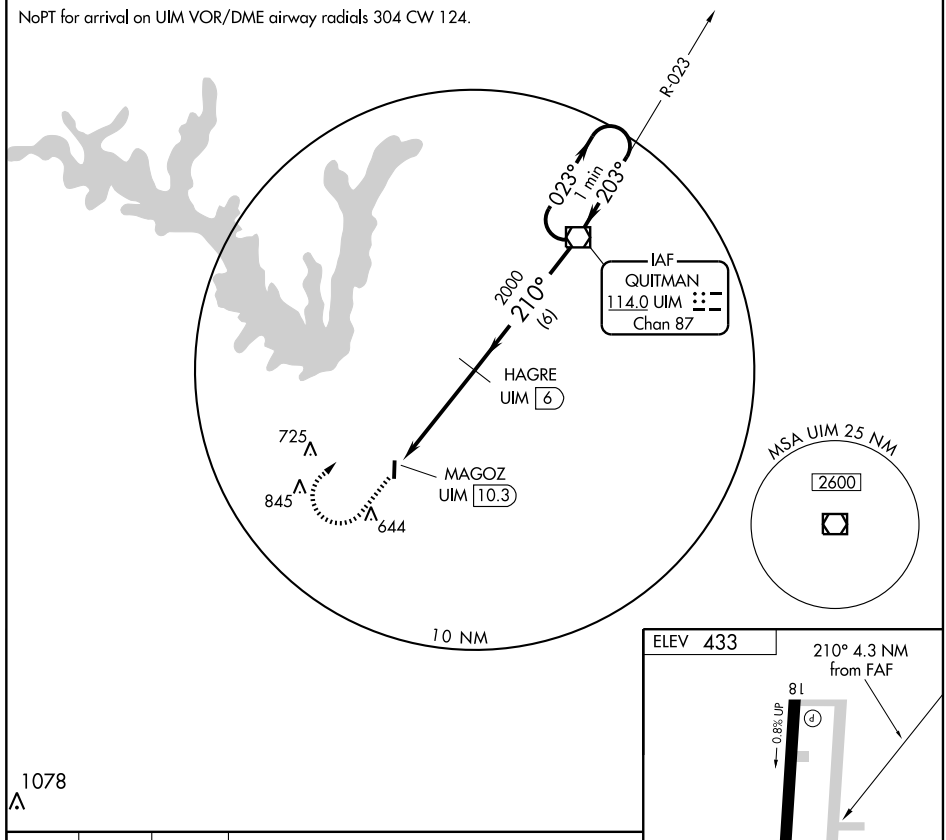
VOR/DME-B

MINEOLA/ WOOD COUNTY (JDD)

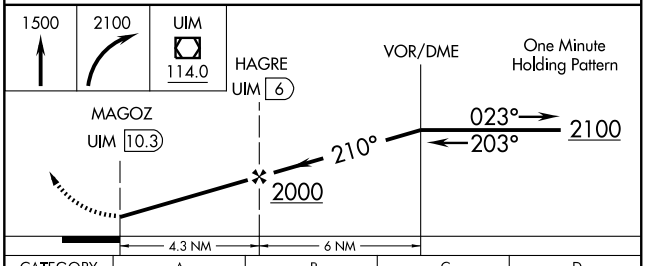
MISSED APPROACH: Climb to 1500 then climbing right turn to 2100 direct UIM VOR/DME and hold.

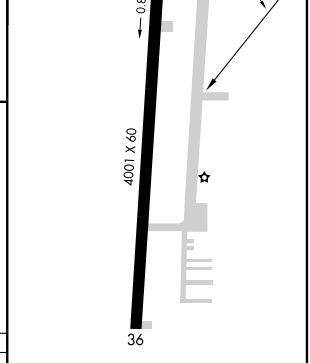
AWOS-3	LONGVIEW APP CON ★	UNICOM
118.9	128.75 379.15	122.8 (CTAF) L

NoPT for arrival on UIM VOR/DME airway radials 304 CW 124.



1078





CATEGORY	A	B	C	D
CIRCLING	980-1 547 (600-1)		1000-1½ 567 (600-1½)	NA

MIRL Rwy 18-36 L

SC-2, 17 DEC 2009 to 14 JAN 2010

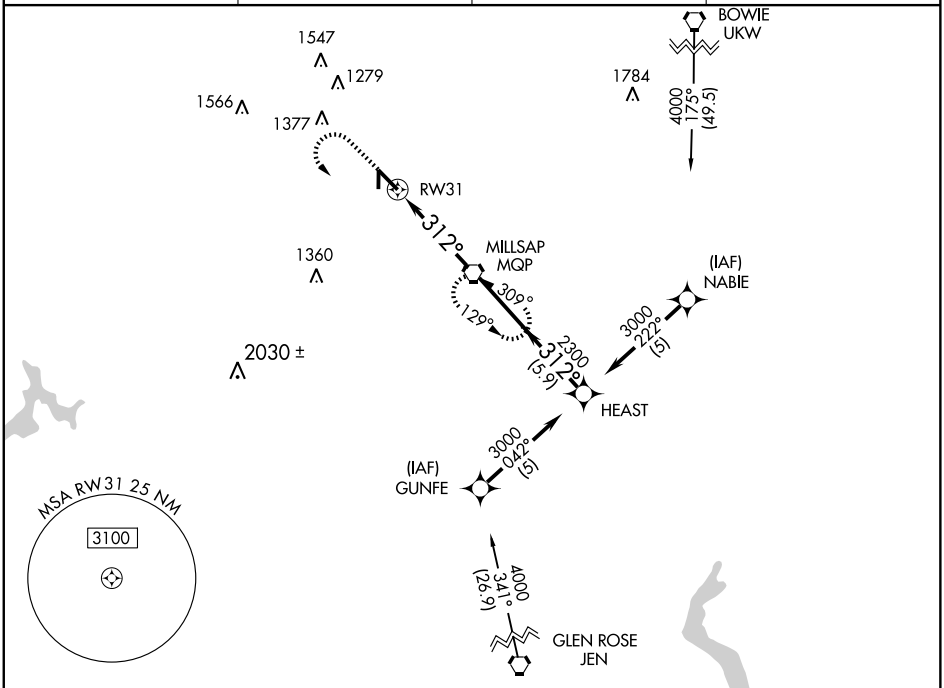
APP CRS		
312°	Rwy Idg	5596
	TDZE	974
	Apt Elev	974

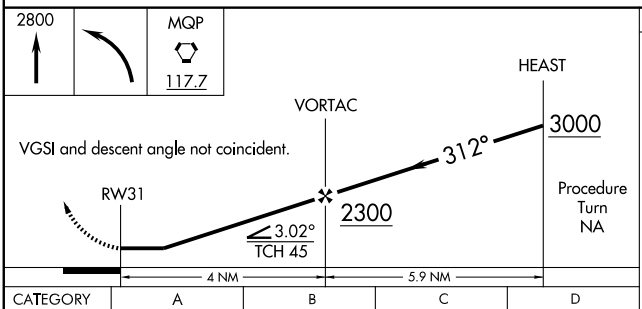
GPS RWY 31
MINERAL WELLS (MWL)

Obtain local altimeter setting on CTAF; when not received, use Fort Worth Meacham altimeter setting.

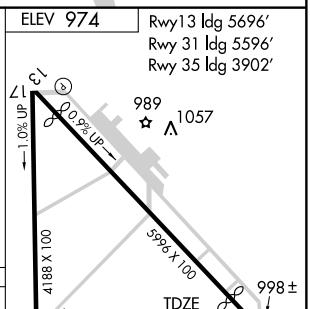
MISSED APPROACH: Climb to 2800, then left turn direct MQP VORTAC and hold.

ASOS	FORT WORTH CENTER	GCO	UNICOM
135.075	127.0 360.6	121.725	122.725 (CTAF)





CATEGORY	A	B	C	D
S-31	1300-1 326 (400-1)			
CIRCLING	1420-1 446 (500-1)	1440-1 466 (500-1)	1440-1½ 466 (500-1½)	1540-2 566 (600-2)
FORT WORTH MEACHAM INTL ALTIMETER SETTING MINIMUMS				
S-31	1420-1 446 (500-1)		1420-1¼ 446 (500-1¼)	1420-1½ 446 (500-1½)
CIRCLING	1540-1 566 (600-1)		1540-1½ 566 (600-1½)	1580-2 606 (700-2)



SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-VMH	APP CRS	Rwy Idg	5596
109.55	310°	TDZE	974
Chan 32 (Y)		Apt Elev	974

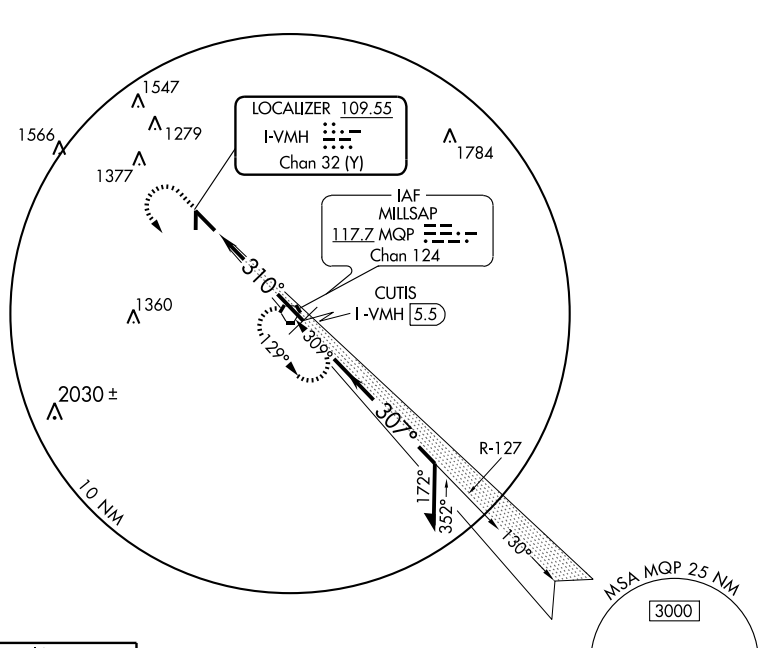
ILS or LOC/DME RWY 31

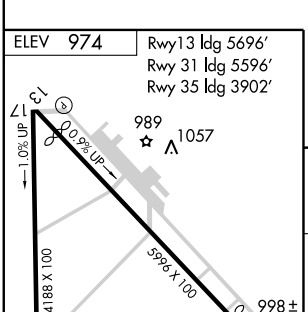
MINERAL WELLS (MWL)

NA

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct MQP VORTAC and hold.

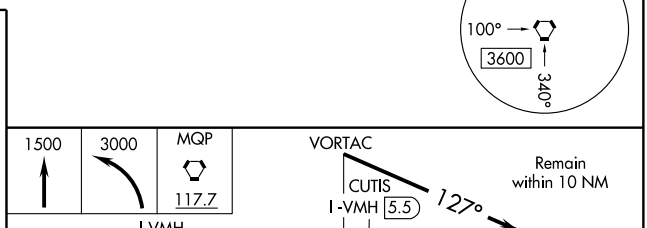
ASOS	FORT WORTH CENTER	GCO	UNICOM
135.075	127.0 360.6	121.725	122.725 (CTAF) L





MIRL Rwy 17-35
MIRL Rwy 13-31 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-ILS 31	1174-¾ 200 (200-¾)			
S-LOC 31	1340-1 366 (400-1)			1340-1¼ 366 (400-1¼)
CIRCLING	1420-1 446 (500-1)	1440-1 466 (500-1)	1440-1½ 466 (500-1½)	1540-2 566 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC MQP 117.7 Chan 124	APP CRS 309°	Rwy Idg 5596 TDZE 974 Apt Elev 974

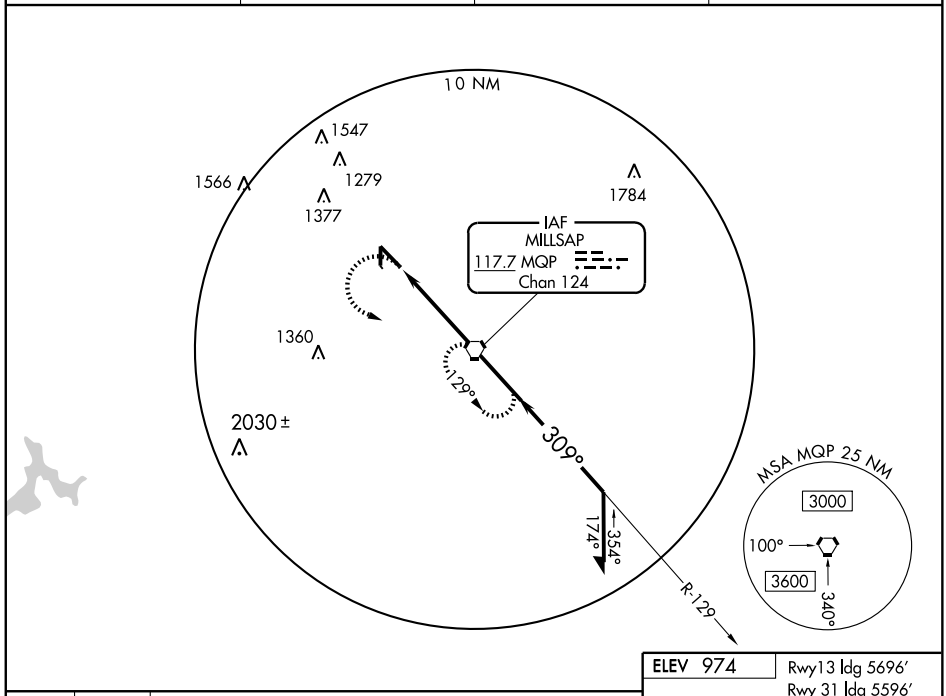
VOR RWY 31
MINERAL WELLS (MWL)

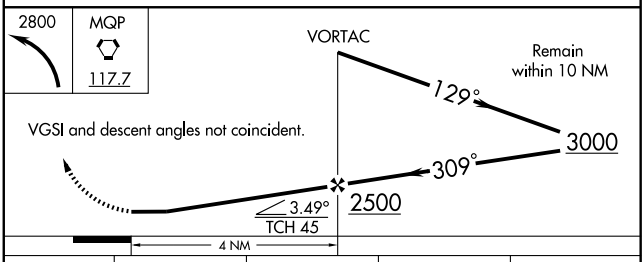
Obtain local altimeter settting on CTAF; when not received, use Fort Worth Meacham altimeter setting.

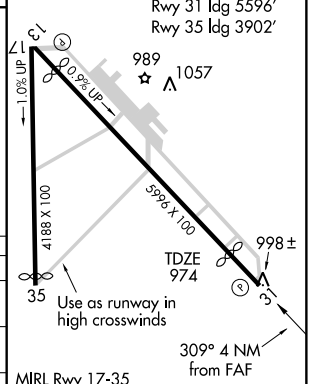
NA

MISSED APPROACH: Climbing left turn to 2800 direct MQP VORTAC and hold.

ASOS	FORT WORTH CENTER	GCO	UNICOM
135.075	127.0 360.6	121.725	122.725 (CTAF) L







CATEGORY	A	B	C	D
S-31	1340-1 366 (400-1)			1340-1¼ 366 (400-1¼)
CIRCLING	1420-1 446 (500-1)	1440-1 466 (500-1)	1440-1½ 466 (500-1½)	1540-2 566 (600-2)
FORT WORTH MEACHAM INTL ALTIMETER SETTING MINIMUMS				
S-31	1460-1 486 (500-1)		1460-1¼ 486 (500-1¼)	1460-1½ 486 (500-1½)
CIRCLING	1540-1 566 (600-1)		1540-1½ 566 (600-1½)	1580-2 606 (700-2)

FAF to MAP 4 NM					
Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4268
118°	TDZE	2609
	Apt Elev	2615

GPS RWY 12

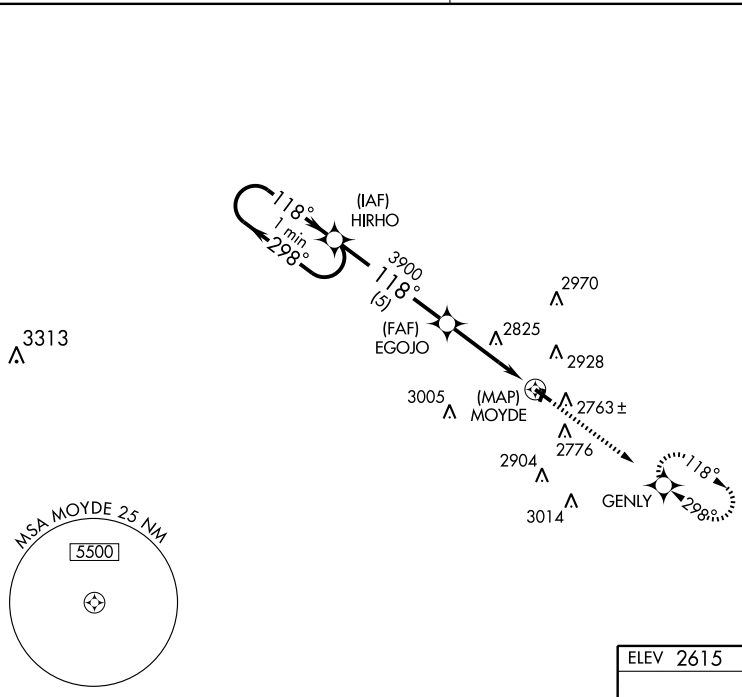
MONAHANS/ROY HURD MEMORIAL (E∅1)

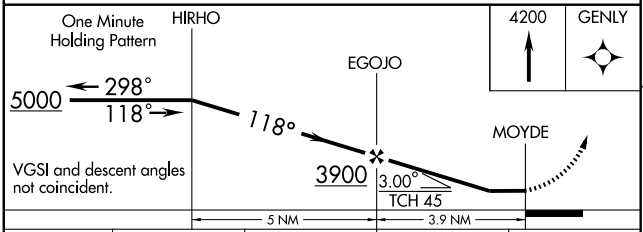
Obtain local altimeter setting on CTAF; if not received, use Wink altimeter setting, when neither available procedure not authorized.

NA

MISSED APPROACH: Climb to 4200 direct GENLY WP and hold.

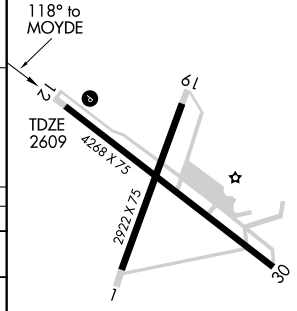
FORT WORTH CENTER	UNICOM
133.1 298.95	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-12	3140-1 531 (600-1)		3140-1½ 531 (600-1½)	NA
CIRCLING	3300-1 685 (700-1)		3300-2 685 (700-2)	NA
	WINK ALTIMETER SETTING MINIMUMS			
S-12	3200-1 591 (600-1)		3200-1½ 591 (600-1½)	NA
CIRCLING	3360-1 745 (800-1)	3360-1¼ 745 (800-1¼)	3360-2¼ 745 (800-2¼)	NA

ELEV 2615



MIRL Rwys 1-19 and 12-30 L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4268
298°	TDZE	2613
	Apt Elev	2615

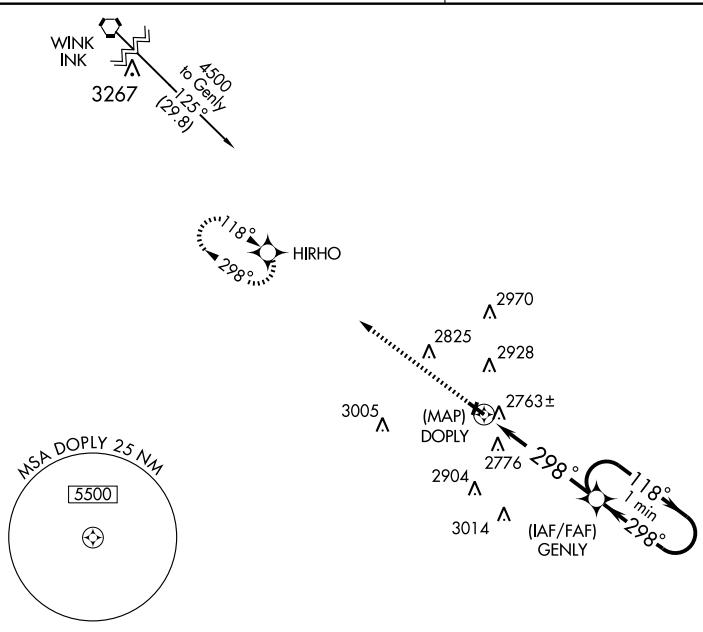
GPS RWY 30

MONAHANS/ROY HURD MEMORIAL (EØ1)

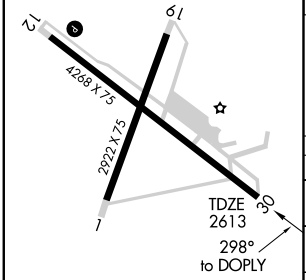
Obtain local altimeter setting on CTAF; if not received, use Wink altimeter setting, when neither available procedure not authorized.

MISSED APPROACH: Climb to 5000 direct HIRHO WP and hold.

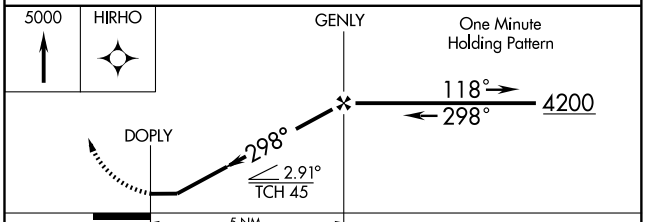
FORT WORTH CENTER	UNICOM
133.1 298.95	122.8 (CTAF) L



ELEV 2615



MIRL Rwys 1-19 and 12-30 L



CATEGORY	A	B	C	D
S-30	3080-1 467 (500-1)		3080-1¼ 467 (500-1¼)	NA
CIRCLING	3300-1 685 (700-1)		3300-2 685 (700-2)	NA
	WINK ALTIMETER SETTING MINIMUMS			
S-30	3140-1 527 (600-1)		3140-1½ 527 (600-1½)	NA
CIRCLING	3360-1 745 (800-1)	3360-1¼ 745 (800-1¼)	3360-2¼ 745 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC INK 112.1 Chan 58	APP CRS 125°	Rwy Idg 4268 TDZE 2609 Apt Elev 2615

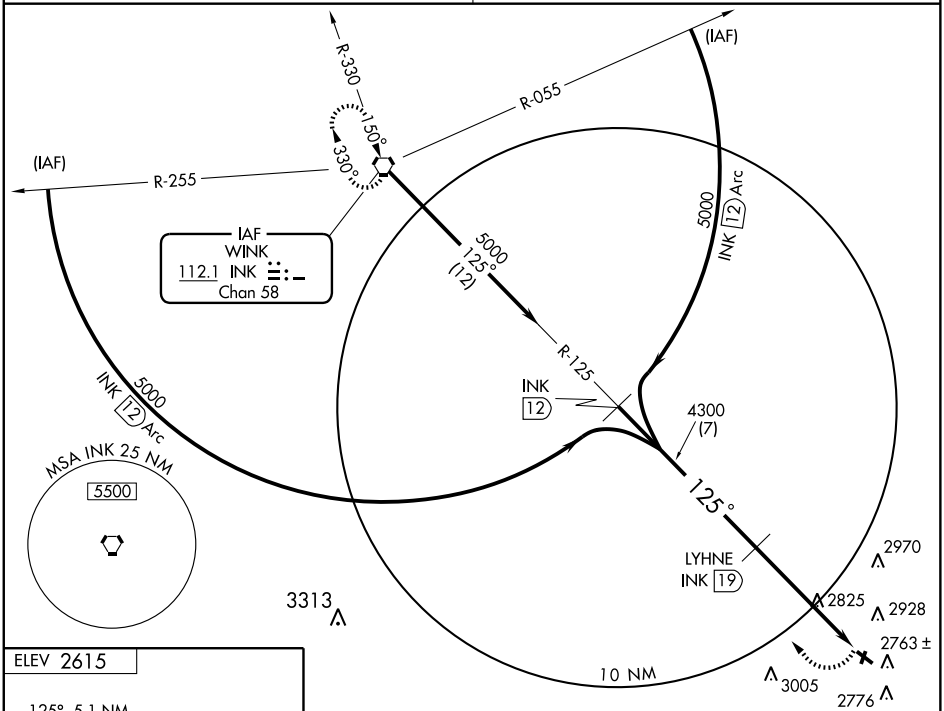
VOR/DME RWY 12

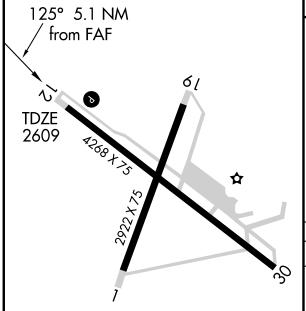
MONAHANS/ROY HURD MEMORIAL (EØ1)

T NA Obtain local altimeter setting on CTAF; if not received, use Wink altimeter setting, when neither available procedure not authorized.

MISSED APPROACH: Climbing right turn to 5000 direct INK VORTAC and hold.

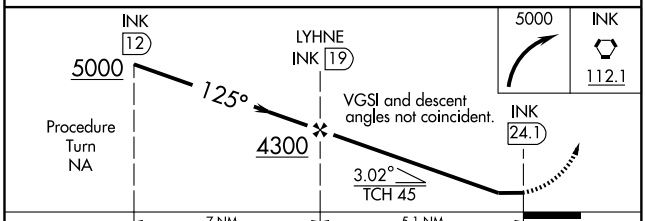
FORT WORTH CENTER	UNICOM
133.1 298.95	122.8 (CTAF) L





MIRL Rwys 1-19 and 12-30 L

Knots	60	90	120	150	180
Min:Sec					



CATEGORY	A	B	C	D
S-12	3340-1 731 (800-1)	3340-1¼ 731 (800-1¼)	3340-2 731 (800-2)	NA
CIRCLING	3340-1 725 (800-1)	3340-1¼ 725 (800-1¼)	3340-2 725 (800-2)	NA
WINK ALTIMETER SETTING MINIMUMS				
S-12	3400-1 791 (800-1)	3400-1¼ 791 (800-1¼)	3400-2¼ 791 (800-2¼)	NA
CIRCLING	3400-1 785 (800-1)	3400-1¼ 785 (800-1¼)	3400-2¼ 785 (800-2¼)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6003
168°	TDZE	364
	Apt Elev	364

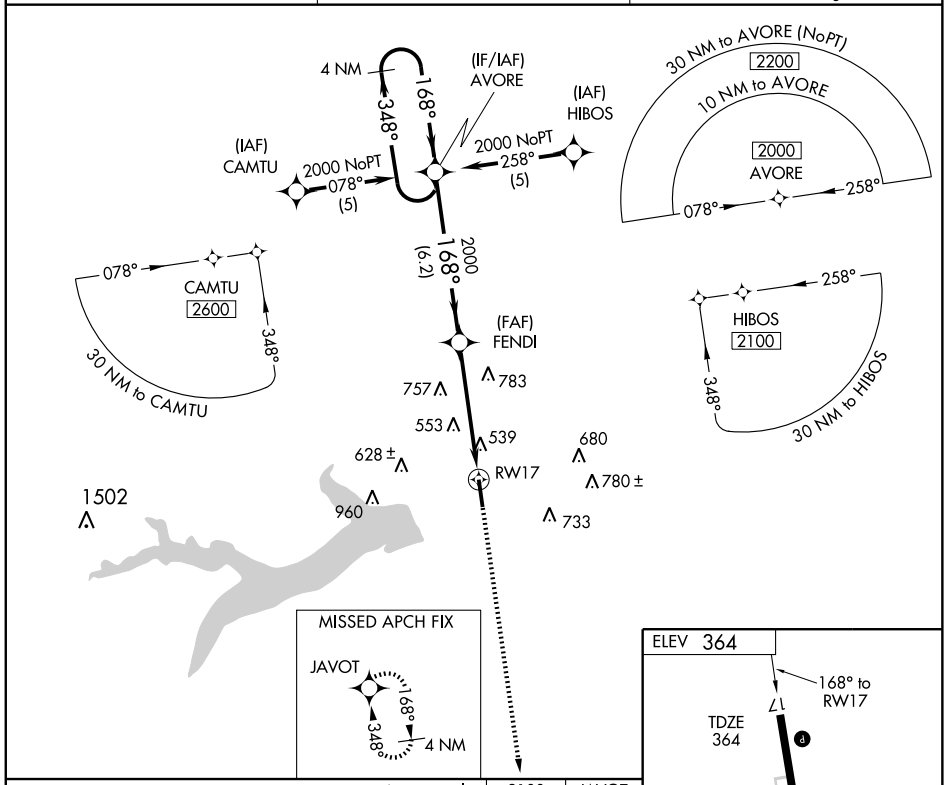
RNAV (GPS) RWY 17

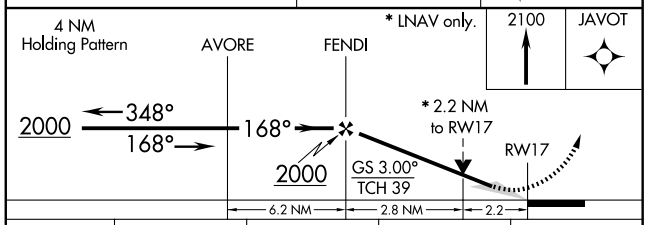
MOUNT PLEASANT RGNL (OSA)

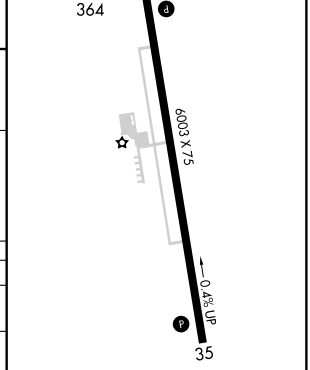
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Paris altimeter setting and increase all DA/MDA 120 feet, increase LNAV/VNAV visibilities ¼ mile all Cats, LNAV visibilities ½ mile all Cats, and circling visibilities ½ mile all Cats. VDP and Baro-VNAV NA when using Paris altimeter setting.

MISSED APPROACH: Climb to 2100 direct JAVOT and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.775	132.85 360.75	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV/ VNAV DA	890-2 526 (600-2)			
LNAV MDA	1100-1 736 (800-1)		1100-2 736 (800-2)	1100-2¼ 736 (800-2¼)
CIRCLING	1100-1 736 (800-1)		1100-2 736 (800-2)	1100-2¼ 736 (800-2¼)

REIL Rwys 17 and 35 L
MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

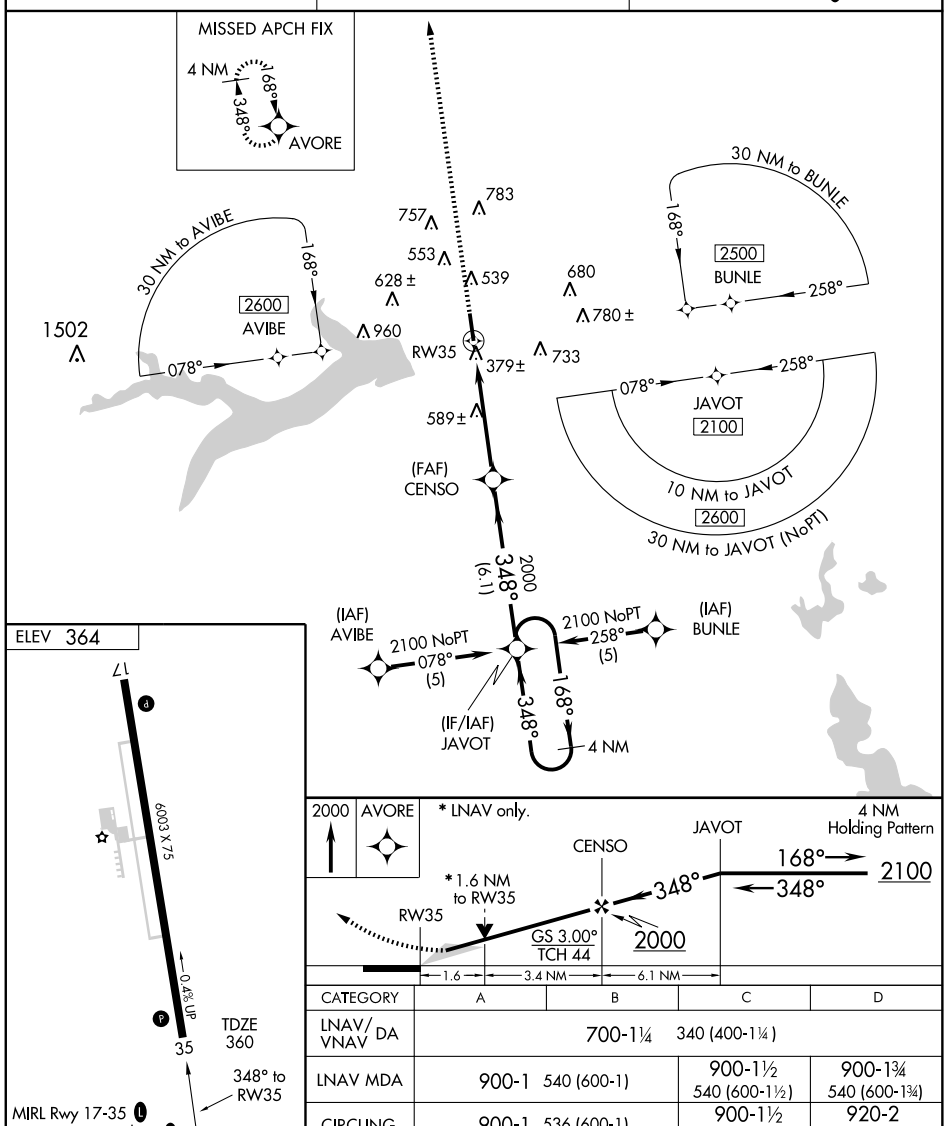
APP CRS	Rwy Idg	6003
348°	TDZE	360
	Apt Elev	364

RNAV (GPS) RWY 35
MOUNT PLEASANT RGNL (OSA)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Paris altimeter setting and increase all DA/MDA 120 feet, increase LNAV/VNAV visibilities ½ mile all Cats, LNAV visibilities ¼ mile all Cats and circling visibilities ¼ mile all Cats. VDP and Baro-VNAV NA when using Paris altimeter setting.

MISSED APPROACH: Climb to 2000 direct AVORE and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.775	132.85 360.75	122.7 (CTAF) L



CATEGORY	A	B	C	D
LNAV/ VNAV DA	700-1¼	340 (400-1¼)		
LNAV MDA	900-1 540 (600-1)		900-1½ 540 (600-1½)	900-1¾ 540 (600-1¾)
CIRCLING	900-1 536 (600-1)		900-1½ 536 (600-1½)	920-2 556 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME UIM	APP CRS	Rwy Idg	N/A
114.0	050°	TDZE	N/A
Chan 87		Apt Elev	364

VOR/DME-A

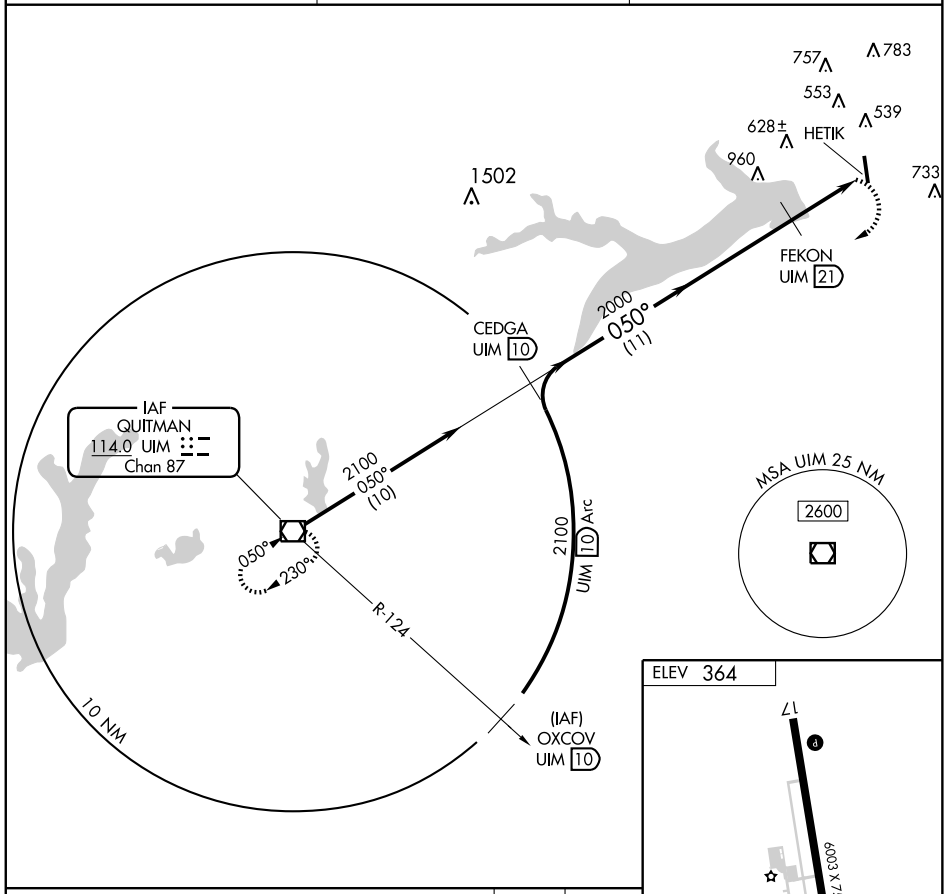
MOUNT PLEASANT RGNL (OSA)

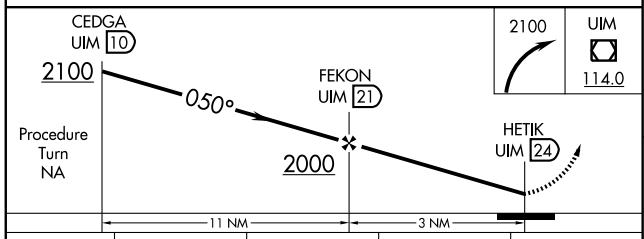
NA

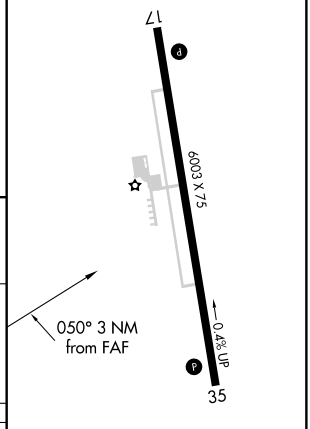
When local altimeter setting not received, use Paris altimeter setting and increase MDA 120 feet, increase Cats C and D visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2100 direct UIM VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.775	132.85 360.75	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	900-1 536 (600-1)	900-1 ¼ 536 (600-1 ¼)	900-1½ 536 (600-1½)	920-2 556 (600-2)

REIL Rwys 17 and 35 L
MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

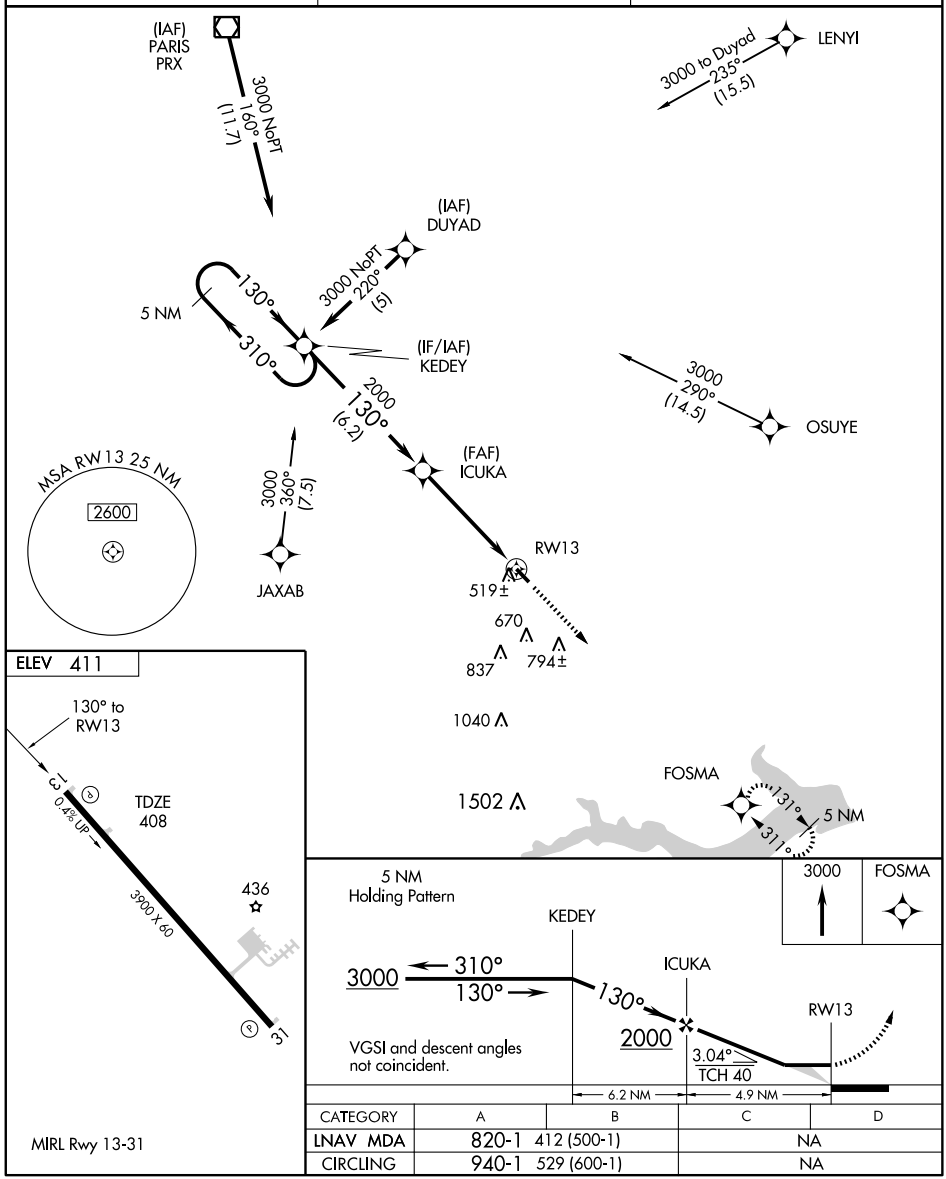
APP CRS	Rwy Idg	3900
130°	TDZE	408
	Apt Elev	411

RNAV (GPS) RWY 13

MOUNT VERNON/ FRANKLIN COUNTY (F53)

NA	DME/DME RNP-0.3 NA. Use Mount Pleasant Rgnl altimeter setting; if not received, procedure NA. Procedure NA at night.	MISSED APPROACH: Climb to 3000 direct FOSMA and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
MOUNT PLEASANT RGNL	132.85 360.75	123.0 (CTAF)
119.775		



CATEGORY	A	B	C	D
LNAV MDA	820-1 412 (500-1)		NA	
CIRCLING	940-1 529 (600-1)		NA	

MIRL Rwy 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

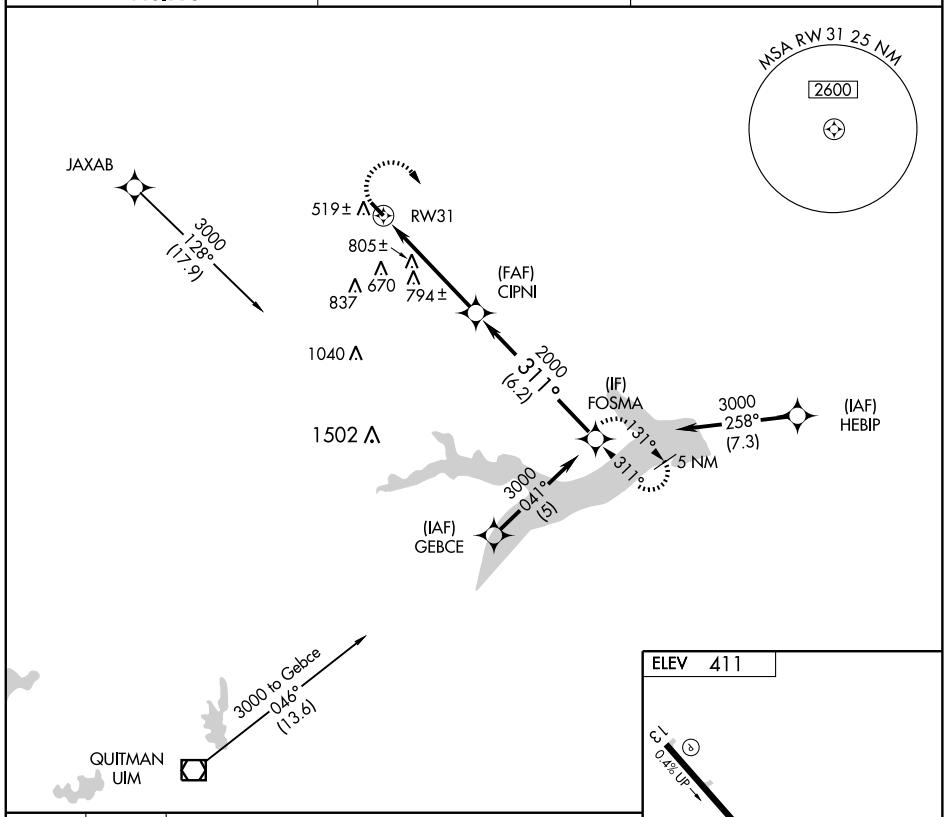
APP CRS	Rwy Idg	3900
311°	TDZE	411
	Apt Elev	411

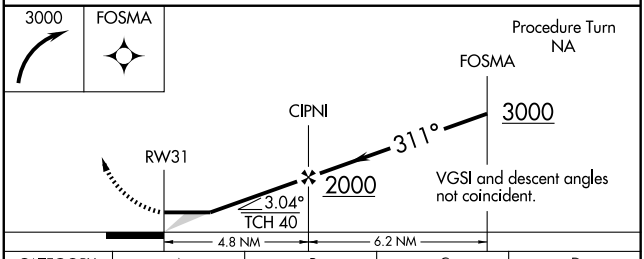
RNAV (GPS) RWY 31

MOUNT VERNON/ FRANKLIN COUNTY (F53)

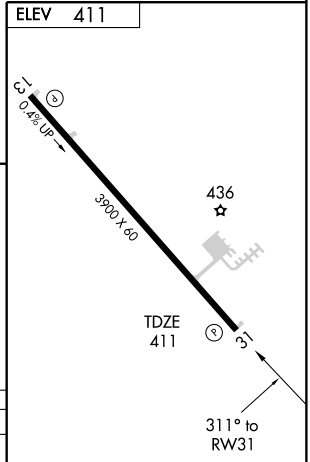
⚠ NA	DME/DME RNP-0.3 NA. Use Mount Pleasant Rgnl altimeter setting; if not received, procedure NA. Procedure NA at night.	MISSED APPROACH: Climbing right turn to 3000 direct FOSMA and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
MOUNT PLEASANT RGNL	132.85 360.75	123.0 (CTAF)
119.775		





CATEGORY	A	B	C	D
LNAV MDA	1160-1 749 (800-1)	1160-1¼ 749 (800-1¼)	NA	
CIRCLING	1160-1 749 (800-1)	1160-1¼ 749 (800-1¼)	NA	



MIRL Rwy 13-31

SC-2, 17 DEC 2009 to 14 JAN 2010

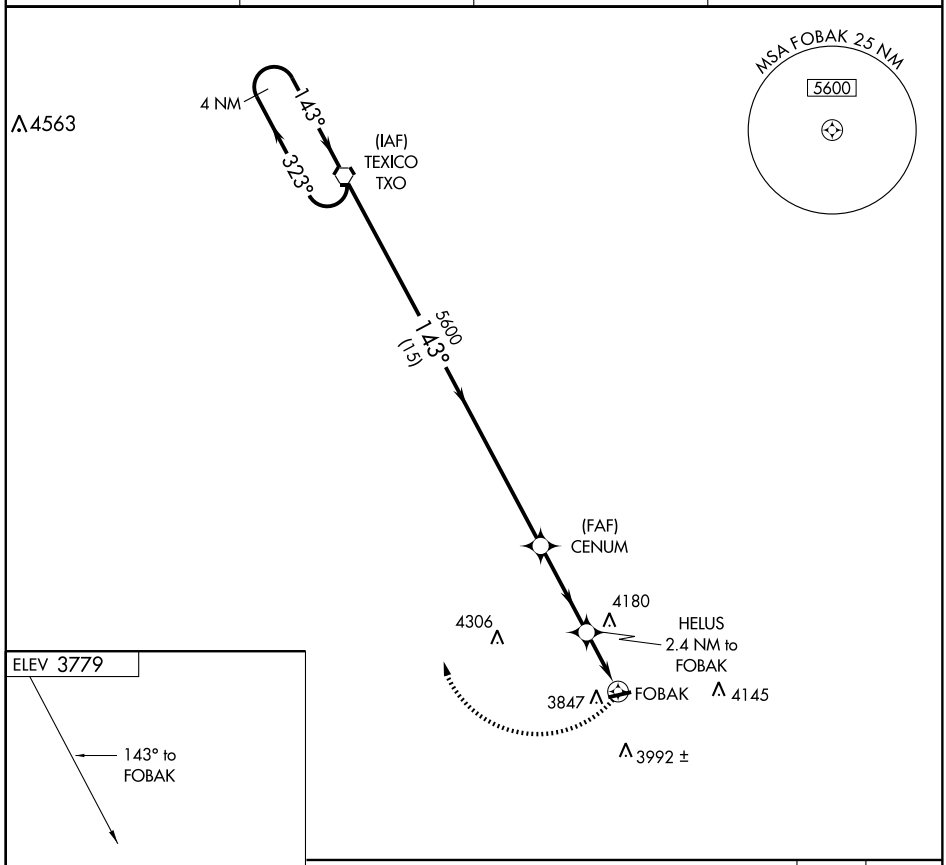
APP CRS	Rwy Idg	N/A
143°	TDZE	N/A
	Apt Elev	3779

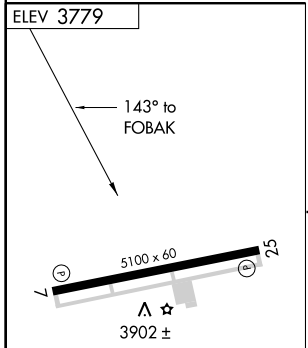
RNAV (GPS)-B

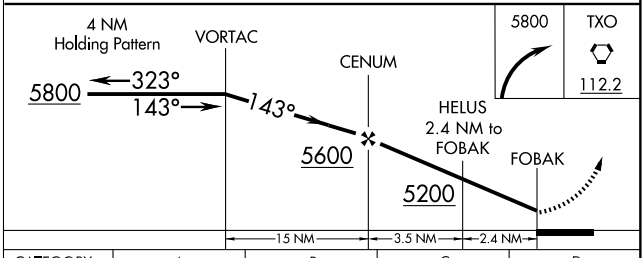
MULESHOE MUNI (2T1)

NA	Use Clovis Municipal altimeter setting; if not received, procedure not authorized.	MISSED APPROACH: Climbing right turn to 5800 direct TXO VORTAC and hold.

CLOVIS MUNI AWOS-3	FORT WORTH CENTER	CTAF 122.9	122.8 L
135.375	126.45 316.1		







CATEGORY	A	B	C	D
CIRCLING	4360-1 581 (600-1)	4380-1 601 (700-1)	4380-1¾ 601 (700-1¾)	NA

MIRL Rwy 7-25 L

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC TXO	APP CRS	Rwy Idg	N/A
112.2	141°	TDZE	N/A
Chan 59		Apt Elev	3779

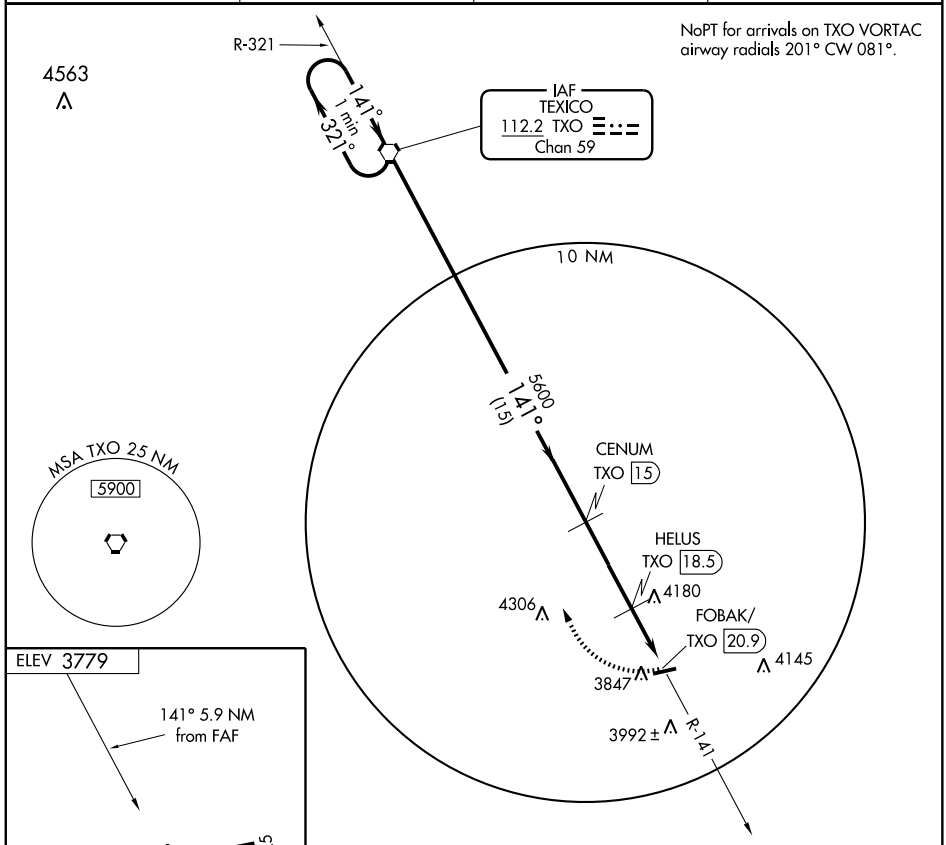
VOR/DME-A
MULESHOE MUNI (2T1)

NA Use Clovis Muni altimeter setting; if not received, procedure not authorized.

MISSED APPROACH: Climbing right turn to 5800 direct TXO VORTAC and hold.

CLOVIS MUNI AWOS-3	FORT WORTH CENTER	CTAF	
135.375	126.45 316.1	122.9	122.8 L

NoPT for arrivals on TXO VORTAC airway radials 201° CW 081°.



Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
CIRCLING	4360-1 581 (600-1)	4380-1 601 (700-1)	4380-1¾ 601 (700-1¾)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5000
356°	TDZE	343
	Apt Elev	355

GPS RWY 36

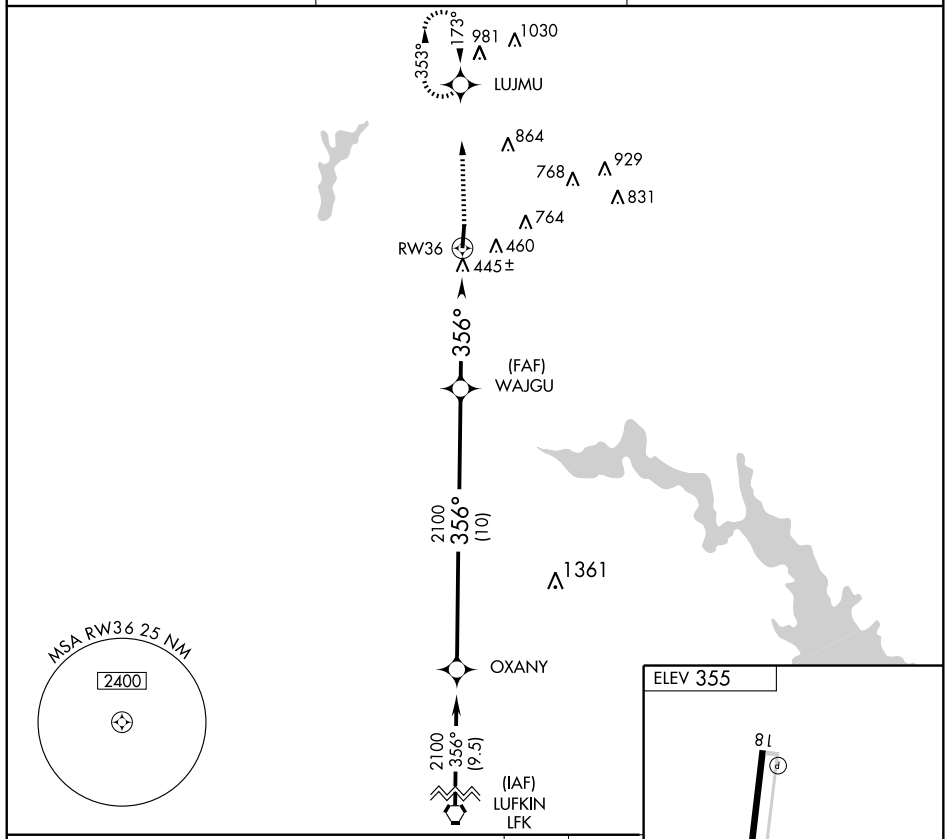
NACOGDOCHES/ A. L. MANGHAM JR. RGNL (OCH)

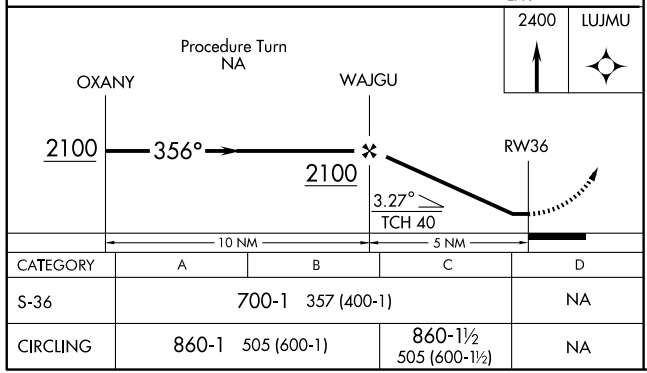
NA

MALSR

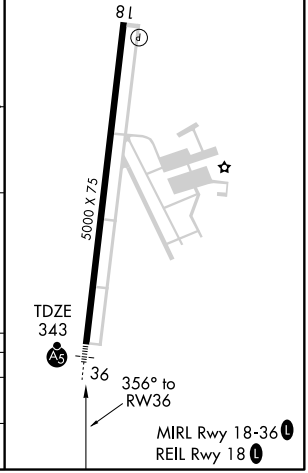
MISSED APPROACH: Climb to 2400 direct LUJMU and hold.

AWOS-3	HOUSTON CENTER	UNICOM
135.625	125.17 285.57	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-36	700-1 357 (400-1)			NA
CIRCLING	860-1 505 (600-1)		860-1½ 505 (600-1½)	NA



SC-5, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-OCH	APP CRS	Rwy Idg	5000
111.5	359°	TDZE	343
Chan 52		Apt Elev	355

ILS or LOC RWY 36

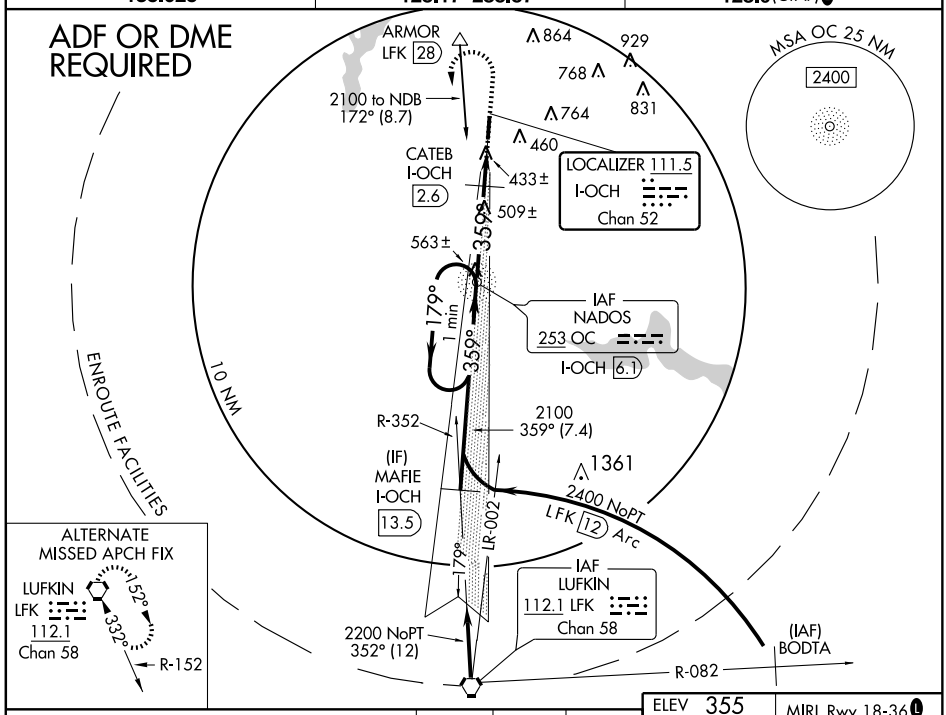
NACOGDOCHES/A. L. MANGHAM JR. RGNL (OCH)

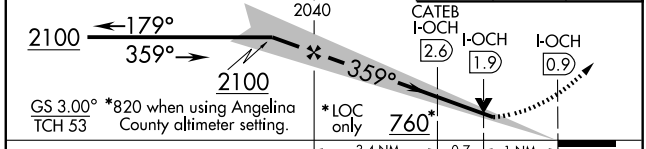
V A NA — If local altimeter setting not received, use Angelina County altimeter setting and increase all DAs/MDAs 60 feet. VDP NA when using Angelina County altimeter setting. ADF required.

MALSR — MISSED APPROACH: Climb to 1000 then climbing left turn to 2100 direct NADOS NDB/I-OCH 6.1 DME and hold.

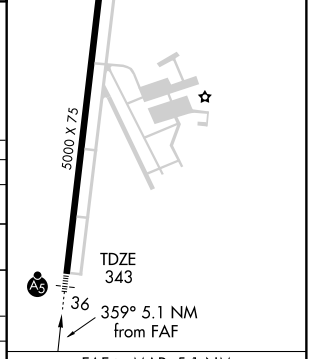
AWOS-3	HOUSTON CENTER	UNICOM
135.625	125.17 285.57	123.0 (CTAF) L

ADF OR DME REQUIRED





CATEGORY	A	B	C	D
S-ILS 36	543-½ 200 (200-½)			NA
S-LOC 36	760-½ 417 (500-½)		760-¾ 417 (500-¾)	NA
CIRCLING	860-1 505 (600-1)		860-1½ 505 (600-1½)	NA
DME MINIMUMS				
S-LOC 36	700-½ 357 (400-½)			NA
CIRCLING	860-1 505 (600-1)		860-1½ 505 (600-1½)	NA



FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB GXD 391	APP CRS 178°	Rwy Idg 5000 TDZE 343 Apt Elev 355

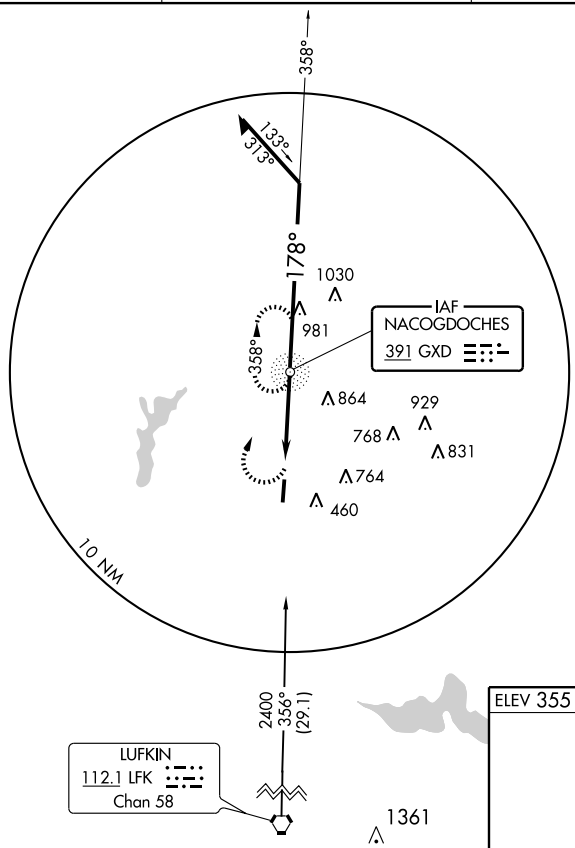
NDB RWY 18

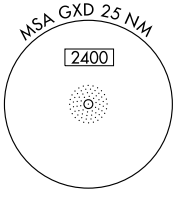
NACOGDOCHES/ A. L. MANGHAM JR. RGNL (OCH)

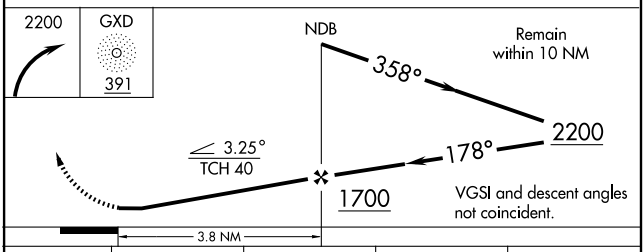
NA

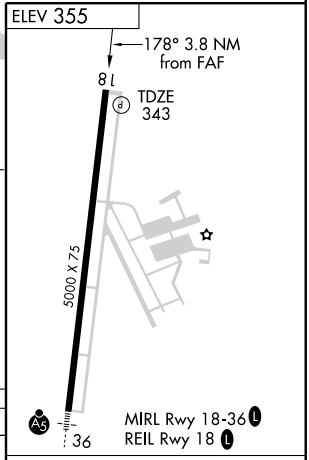
MISSED APPROACH: Climbing right turn to 2200 direct GXD NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
135.625	125.17 285.57	123.0 (CTAF) L









CATEGORY	A	B	C	D
S-18	880-1	537 (600-1)	880-1½ 537 (600-1½)	NA
CIRCLING	880-1	525 (600-1)	880-1½ 525 (600-1½)	NA

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

SC-5, 17 DEC 2009 to 14 JAN 2010

NACOGDOCHES, TEXAS

AL-5647 (FAA)

RNAV (GPS) RWY 18

NACOGDOCHES/ A. L. MANGHAM JR. RGNL (OCH)

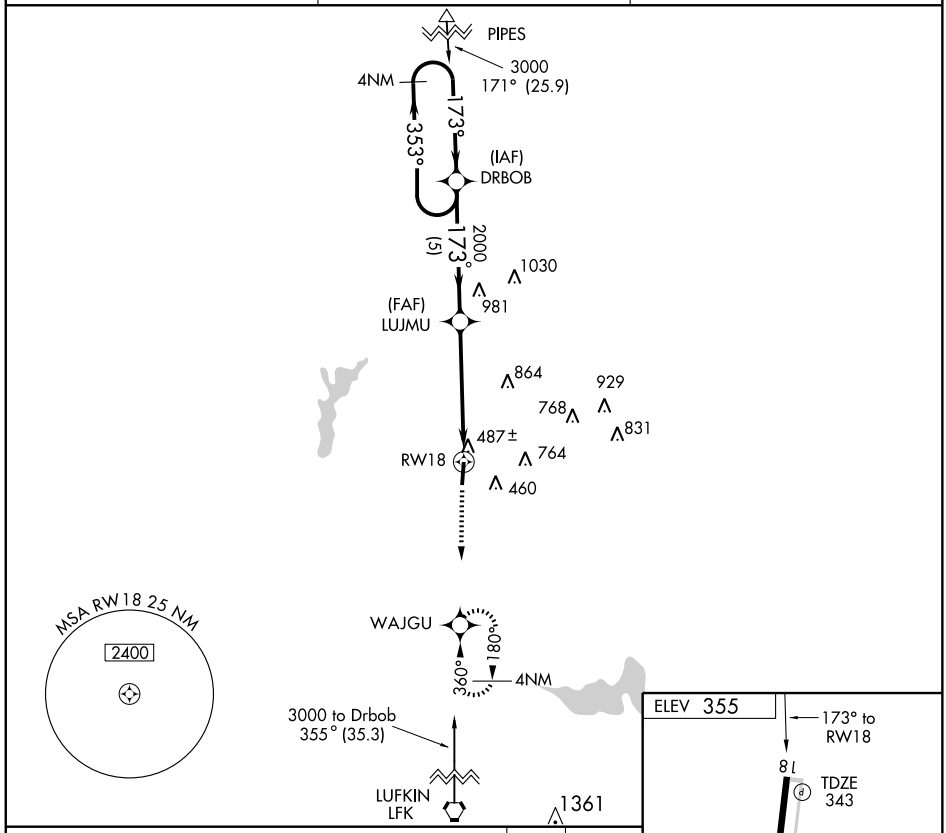
APP CRS	Rwy Idg	TDZE	Apt Elev
173°	5000	343	355

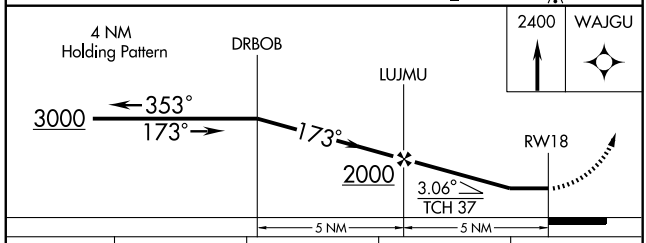
NA

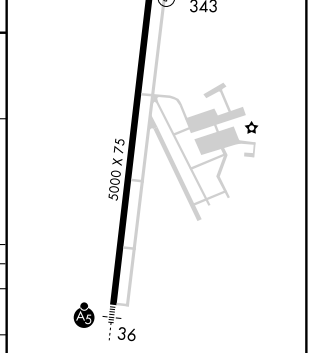
GPS or RNP- 0.3 required. DME/DME RNP- 0.3 NA.

MISSED APPROACH: Climb to 2400 direct WAJGU and hold.

AWOS-3	HOUSTON CENTER	UNICOM
135.625	125.17 285.57	123.0 (CTAF) L







MIRL Rwy 18-36 L

REIL Rwy 18 L

CATEGORY	A	B	C	D
LNAV/ VNAV MDA	NA			
LNAV MDA	740-1 397 (400-1)			NA
CIRCLING	860-1 505 (600-1)		860-1½ 505 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

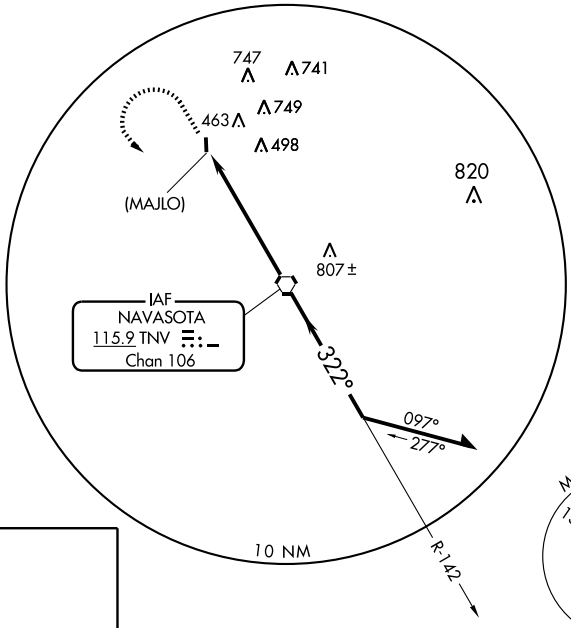
VOR TNV 115.9 Chan 106	APP CRS 322°	Rwy Idg N/A TDZE N/A Apt Elev 227

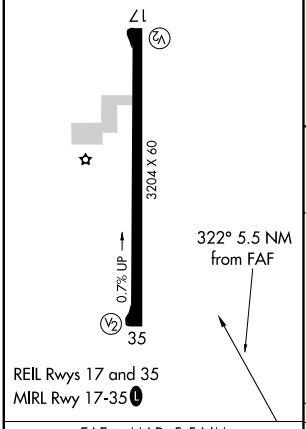
VOR or GPS-A
NAVASOTA MUNI (6ØR)

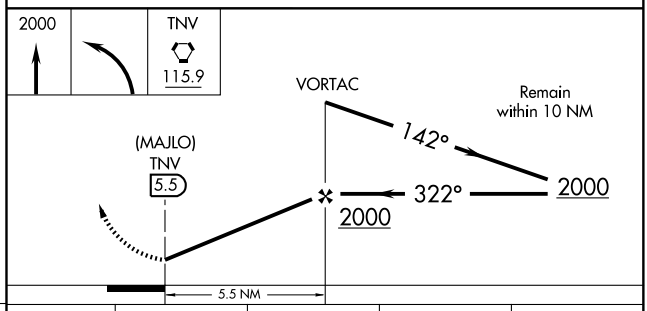
Use College Station, TX altimeter setting.
NA

MISSED APPROACH: Climb to 2000, then left turn direct TNV VORTAC.

HOUSTON CENTER 120.4 371.9	CTAF 122.9	123.3 L







FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

CATEGORY	A	B	C	D
CIRCLING	820-1 593 (600-1)		820-1½ 593 (600-1½)	NA

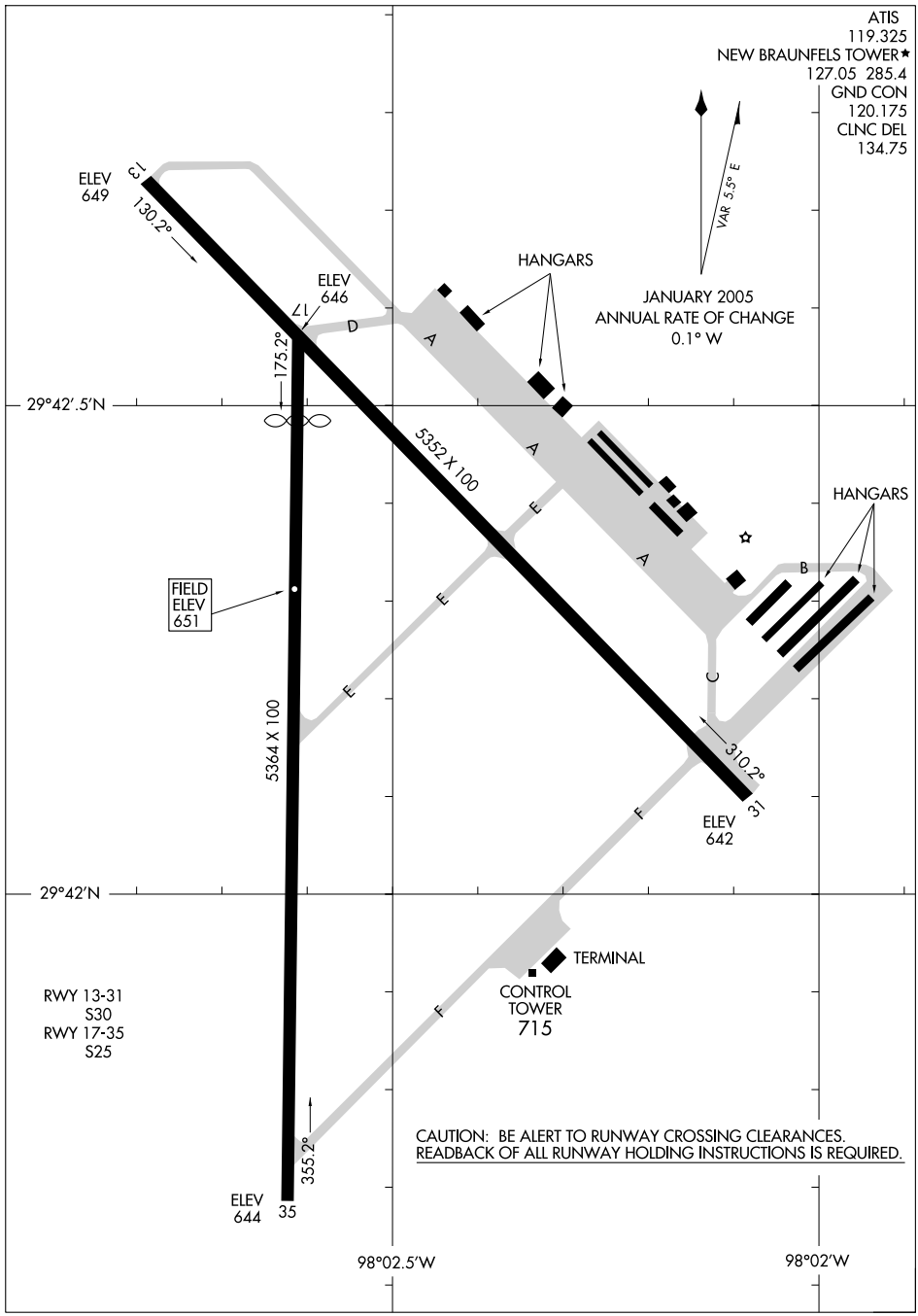
SC-5, 17 DEC 2009 to 14 JAN 2010

09071

AIRPORT DIAGRAM

AL-6080 (FAA)

NEW BRAUNFELS MUNI (BAZ)
NEW BRAUNFELS, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5352
128°	TDZE	649
	Apt Elev	651

RNAV (GPS) RWY 13

NEW BRAUNFELS MUNI (BAZ)

▼ When local altimeter setting not received, use San Marcos Muni altimeter setting and increase all MDAs 60 feet, increase LNAV and circling visibility Cats C and D¼ mile.
▲ VDP NA when using San Marcos Muni altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3500 direct NUMMO and hold.

ATIS	SAN ANTONIO APP CON	NEW BRAUNFELS TOWER *	GND CON	CLNC DEL	UNICOM	CTAF
119.325	124.45 335.625	127.05 285.4	120.175	134.75	122.7	127.05 L

Procedure NA for arrivals at MARCS via V222-556 eastbound.

MARCS

3100 253° (18)

MSA RW13 25 NM

3100

4 NM

128°

308°

(IF/IAF) MARNE

1728

EKIVY

2800

128° (3.7)

(FAF) WUGHE

1633

2500

128° (2.4)

1159 ±

953

895

964

1412

1130

RW13

1225

800 ±

3100 NoPT 039° (18.4)

(IAF) SAN ANTONIO SAT

Procedure NA for arrivals at SAT VORTAC via airway radials 002 CW 081.

4 NM

NUMMO

128°

308°

RANDOLPH AFB AUX

A-638

ELEV 651

820 ±

760 ±

128° to RW13

13

17

TDZE 649

5352 X 100

5364 X 100

759

31

715

35

REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L

4 NM Holding Pattern

MARNE

3100

308°

128°

EKIVY

128°

WUGHE

2800

2500

3.05°

TCH 44

1.7 NM to RW13

RW13

3500

NUMMO

3.7 NM | 2.4 NM | 3.9 NM | 1.7 NM

CATEGORY	A	B	C	D
LNAV MDA	1220-1 571 (600-1)		1220-1½ 571 (600-1½)	1220-1¾ 571 (600-1¾)
CIRCLING	1220-1 569 (600-1)		1280-1¾ 629 (700-1¾)	1280-2 629 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4842
173°	TDZE	651
	Apt Elev	651

RNAV (GPS) RWY 17

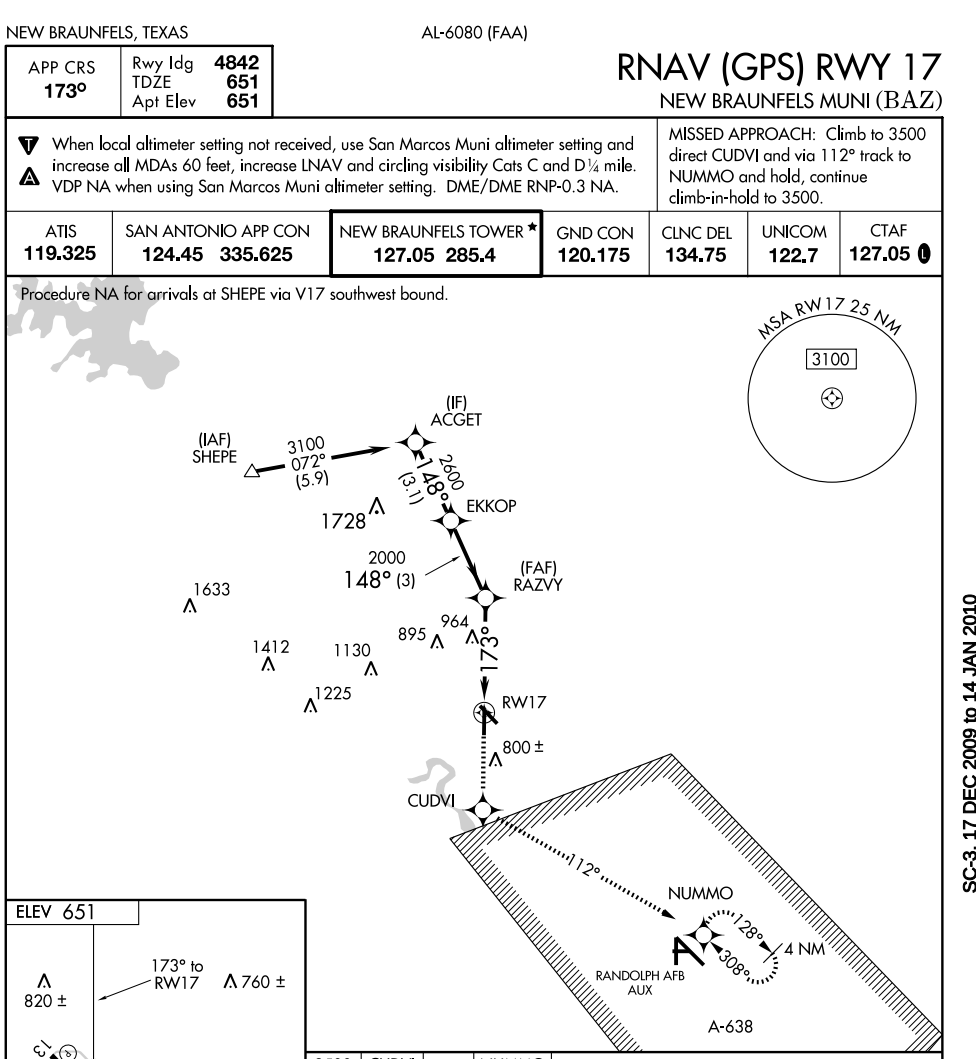
NEW BRAUNFELS MUNI (BAZ)

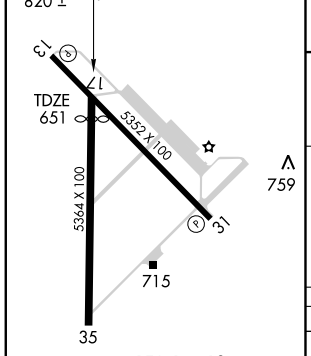
When local altimeter setting not received, use San Marcos Muni altimeter setting and increase all MDAs 60 feet, increase LNAV and circling visibility Cats C and D ¼ mile. VDP NA when using San Marcos Muni altimeter setting. DME/DME RNP-0.3 NA.

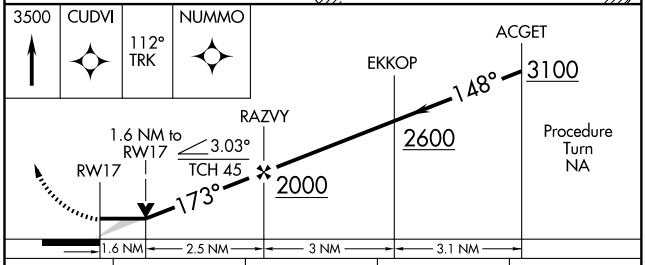
MISSED APPROACH: Climb to 3500 direct CUDVI and via 112° track to NUMMO and hold, continue climb-in-hold to 3500.

ATIS	SAN ANTONIO APP CON	NEW BRAUNFELS TOWER *	GND CON	CLNC DEL	UNICOM	CTAF
119.325	124.45 335.625	127.05 285.4	120.175	134.75	122.7	127.05 L

Procedure NA for arrivals at SHEPE via V17 southwest bound.







CATEGORY	A	B	C	D
LNAV MDA	1220-1	569 (600-1)	1220-1½ 569 (600-1½)	1220-1¾ 569 (600-1¾)
CIRCLING	1220-1	569 (600-1)	1280-1¾ 629 (700-1¾)	1280-2 629 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5352
308°	TDZE	646
	Apt Elev	651

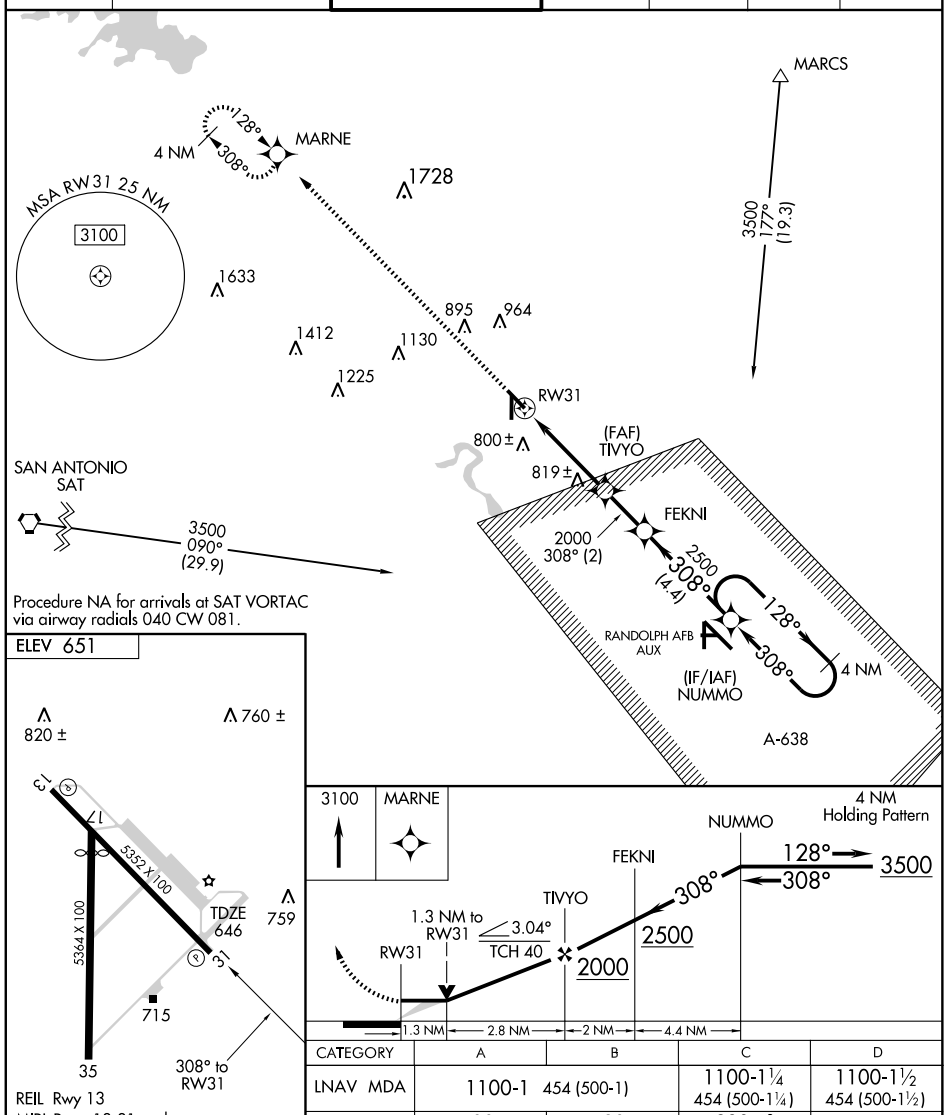
RNAV (GPS) RWY 31

NEW BRAUNFELS MUNI (BAZ)

When local altimeter setting not received, use San Marcos Muni altimeter setting and increase all MDAs 60 feet, increase LNAV and circling visibility Cats C and D¼ mile. VDP NA when using San Marcos Muni altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3100 direct MARNE and hold.

ATIS	SAN ANTONIO APP CON	NEW BRAUNFELS TOWER *	GND CON	CLNC DEL	UNICOM	CTAF
119.325	124.45 335.625	127.05 285.4	120.175	134.75	122.7	127.05 L



CATEGORY	A	B	C	D
LNAV MDA	1100-1 454 (500-1)		1100-1¼ 454 (500-1¼)	1100-1½ 454 (500-1½)
CIRCLING	1100-1 449 (500-1)	1120-1 469 (500-1)	1280-1¾ 629 (700-1¾)	1280-2 629 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 93900 W35A	APP CRS 353°	Rwy Idg 5364 TDZE 650 Apt Elev 651

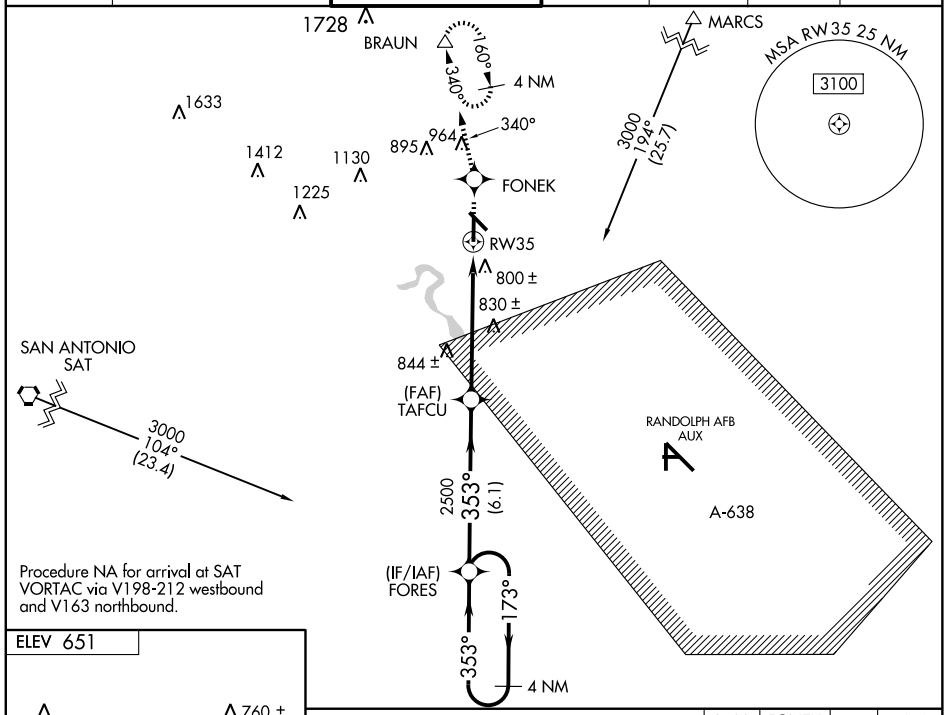
RNAV (GPS) RWY 35

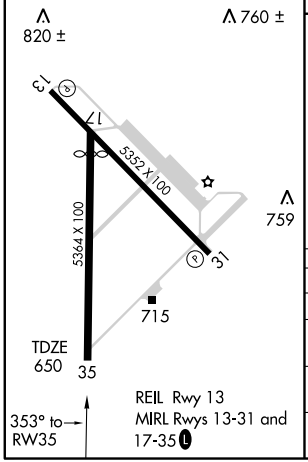
NEW BRAUNFELS MUNI (BAZ)

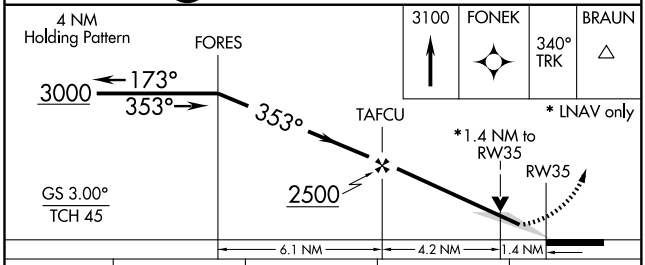
When local altimeter setting not received, use San Marcos Muni altimeter setting and increase all DAs 42 feet LPV visibility ¼ all Cats, increase all MDAs 60 feet LNAV and circling visibility Cat C and D 1 ¼. VDP and Baro-VNAV NA when using San Marcos Muni altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3100 direct FONEK and via 340° track to BRAUN and hold, continue climb-in-hold to 3100.

ATIS	SAN ANTONIO APP CON	NEW BRAUNFELS TOWER *	GND CON	CLNC DEL	UNICOM	CTAF
119.325	124.45 335.625	127.05 285.4	120.175	134.75	122.7	127.05 L







CATEGORY	A	B	C	D
LPV DA	929-1	279 (300-1)		
LNAV/VNAV DA	1110-1¾	460 (500-1¾)		
LNAV MDA	1140-1	490 (500-1)	1140-1¼ 490 (500-1¼)	1140-1½ 490 (500-1½)
CIRCLING	1140-1	489 (500-1)	1280-1¾ 629 (700-1¾)	1280-2 629 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

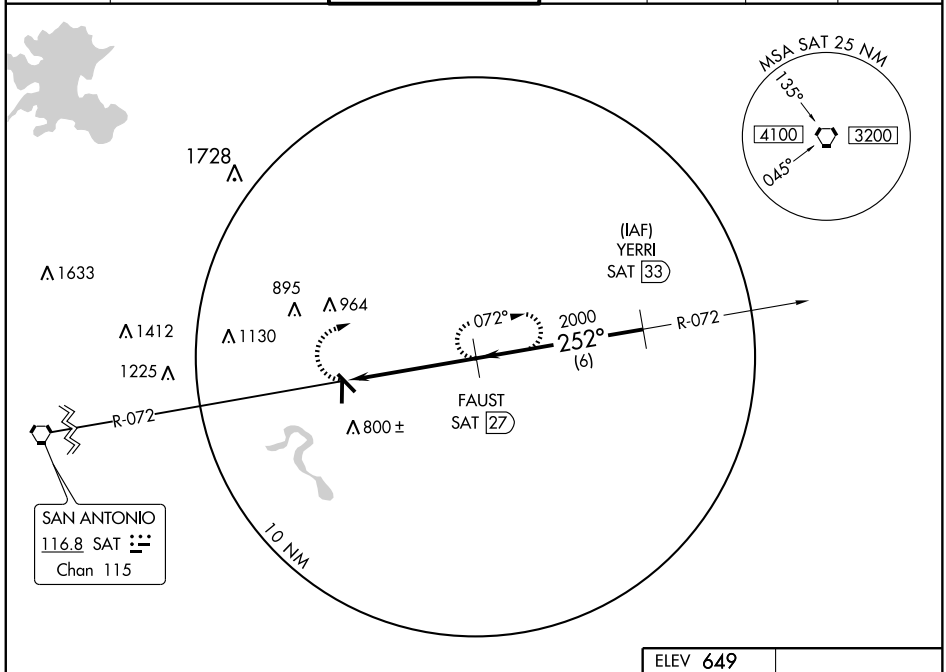
VORTAC SAT	APP CRS	Rwy Idg N/A
116.8	252°	TDZE N/A
Chan 115		Apt Elev 649

VOR/DME-A

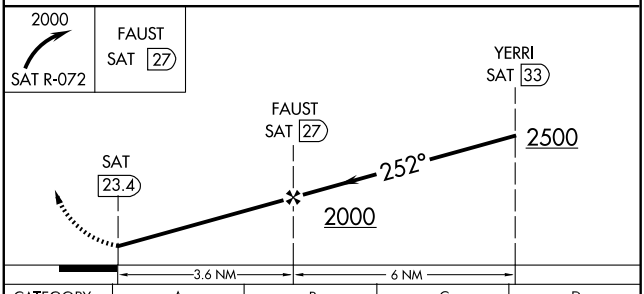
NEW BRAUNFELS MUNI (BAZ)

MISSED APPROACH: Climbing right turn to 2000 via SAT R-072 to FAUST/SAT 27 DME and hold.

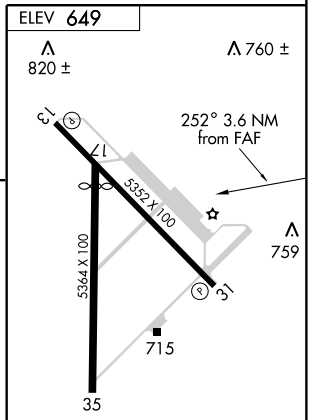
ATIS	SAN ANTONIO APP CON	NEW BRAUNFELS TOWER *	GND CON	CLNC DEL	UNICOM	CTAF
119.325	124.45 335.625	127.05 285.4	120.175	134.75	122.7	127.05 L



RADAR REQUIRED



CATEGORY	A	B	C	D
CIRCLING	1140-1 491 (500-1)	1140-1¼ 491 (500-1¼)	1280-1¾ 631 (700-1¾)	1280-2 631 (700-2)



REIL Rwy 13
MIRL Rwys 13-31 and 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	TDZE	Apt Elev
234°	N/A	N/A	3004

AL-5689 (FAA)

GPS-B

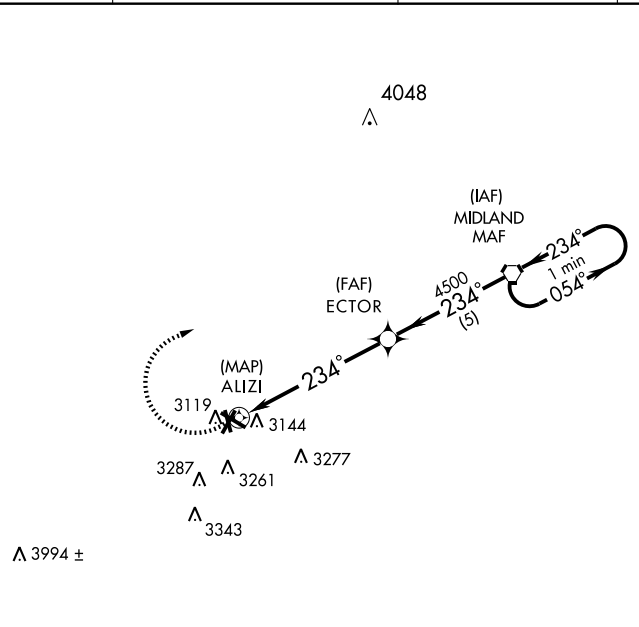
ODESSA-SCHLEMEYER FIELD (ODO)

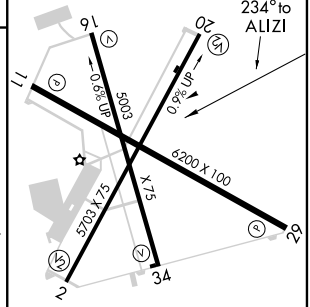
Circling not authorized south of airport between runways 2-20 and 16-34.

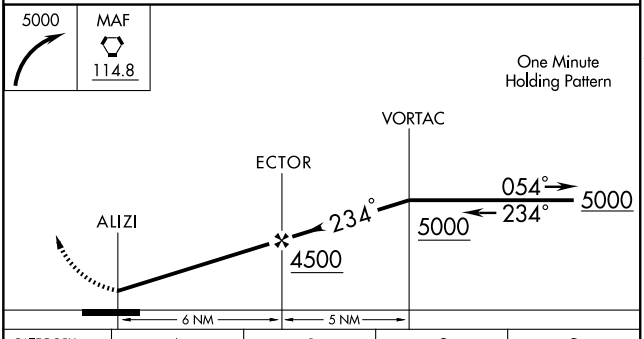
NA

MISSED APPROACH: Climbing right turn to 5000 direct MAF VORTAC and hold.

ASOS	MIDLAND APP CON *	CLNC DEL	UNICOM
119.275	124.6 256.875	121.7	123.0 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	3460-1	456 (500-1)	3460-1½ 456 (500-1½)	3560-2 556 (600-2)

MIRL Rwys 2-20, 11-29, and 16-34 L

SC-3, 17 DEC 2009 to 14 JAN 2010

ODESSA, TEXAS

APP CRS	Rwy Idg	5703
202°	TDZE	3004
	Apt Elev	3004

AL-5689 (FAA)

GPS RWY 20

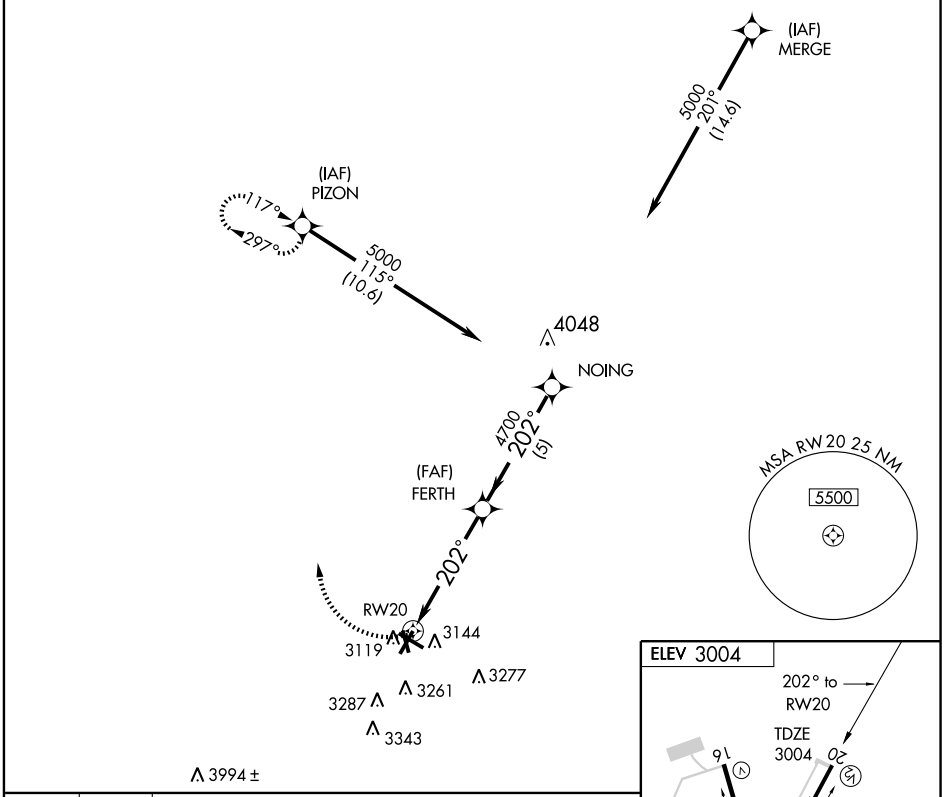
ODESSA-SCHLEMEYER FIELD (ODO)

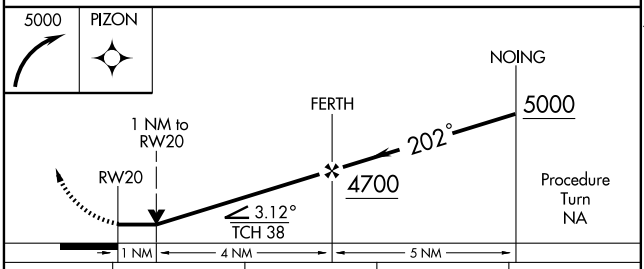
Circling not authorized south of airport between runways 2-20 and 16-34.

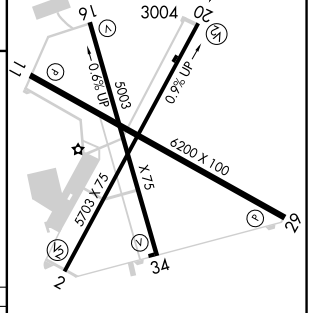
NA

MISSED APPROACH: Climbing right turn to 5000 direct PIZON WP and hold.

ASOS	MIDLAND APP CON ★	CLNC DEL	UNICOM
119.275	124.6 256.875	121.7	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-20	3360-1 356 (400-1)			3360-1¼ 356 (400-1¼)
CIRCLING	3460-1 456 (500-1)		3460-1½ 456 (500-1½)	3560-2 556 (600-2)

MIRL Rwys 2-20, 11-29, and 16-34 L

SC-3, 17 DEC 2009 to 14 JAN 2010

ODESSA, TEXAS

LOM MA	APP CRS	Rwy Idg	5703
326	211°	TDZE	3004
		Apt Elev	3004

AL-5689 (FAA)

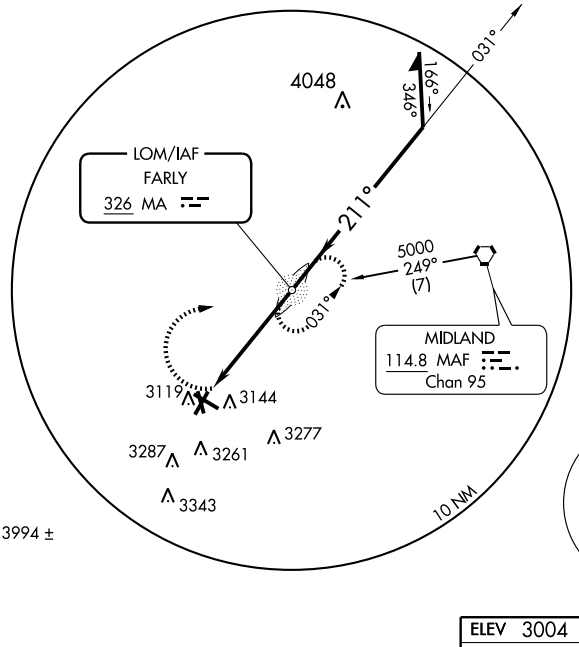
NDB RWY 20

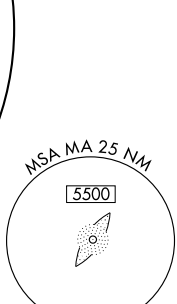
ODESSA-SCHLEMEYER FIELD (ODO)

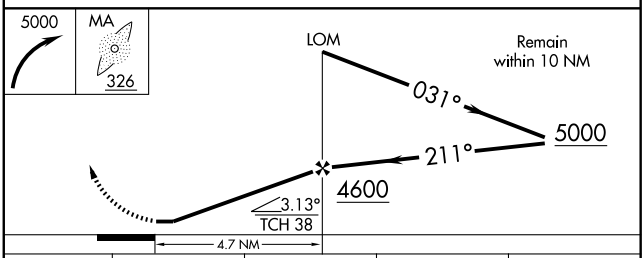
Circling not authorized south of airport between runways 2-20 and 16-34.

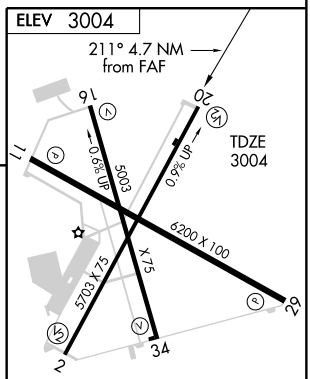
MISSED APPROACH: Climbing right turn to 5000 direct FARLY LOM and hold.

ASOS	MIDLAND APP CON★	CLNC DEL	UNICOM
119.275	124.6 256.875	121.7	123.0 (CTAF) L









CATEGORY	A	B	C	D
S-20	3460-1	456 (500-1)	3460-1¼ 456 (500-1¼)	3460-1½ 456 (500-1½)
CIRCLING	3460-1	456 (500-1)	3460-1½ 456 (500-1½)	3560-2 556 (600-2)

MIRL Rwys 2-20, 11-29, and 16-34 L

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

SC-3, 17 DEC 2009 to 14 JAN 2010

ODESSA, TEXAS

VORTAC MAF	APP CRS	Rwy Idg	N/A
114.8	231°	TDZE	N/A
Chan 95		Apt Elev	3004

AL-5689 (FAA)

VOR-A

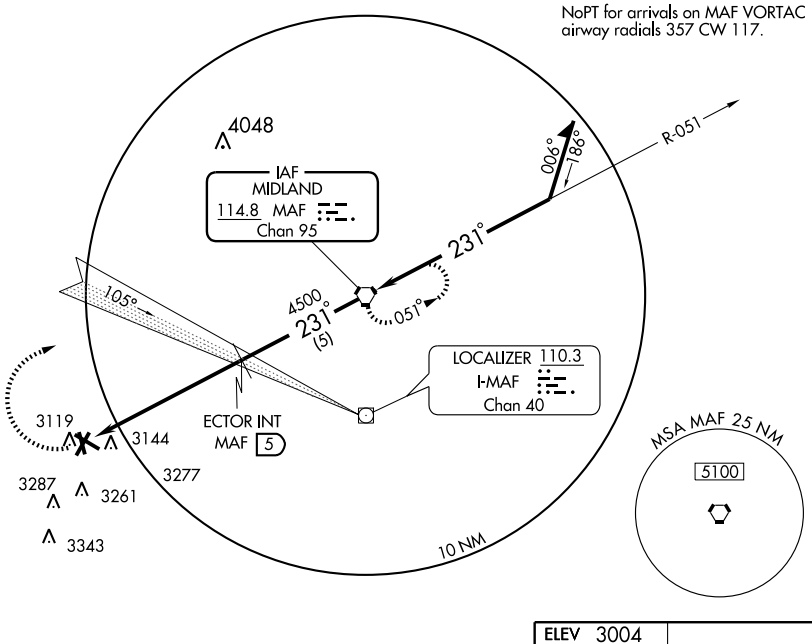
ODESSA-SCHLEMEYER FIELD (ODO)

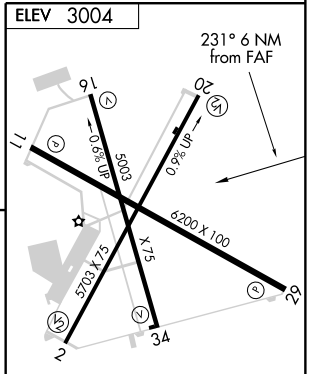
Circling not authorized south of airport between runways 2-20 and 16-34.

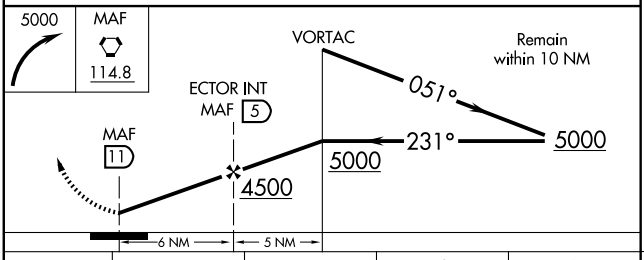
MISSED APPROACH: Climbing right turn to 5000 direct MAF VORTAC and hold.

ASOS	MIDLAND APP CON★	CLNC DEL	UNICOM
119.275	124.6 256.875	121.7	123.0 (CTAF) L

NoPT for arrivals on MAF VORTAC airway radials 357 CW 117.







CATEGORY	A	B	C	D
CIRCLING	3460-1 456 (500-1)		3460-1½ 456 (500-1½)	3560-2 556 (600-2)

FAF to MAP 6 NM					
Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5101
173°	TDZE	1275
	Apt Elev	1275

GPS RWY 17

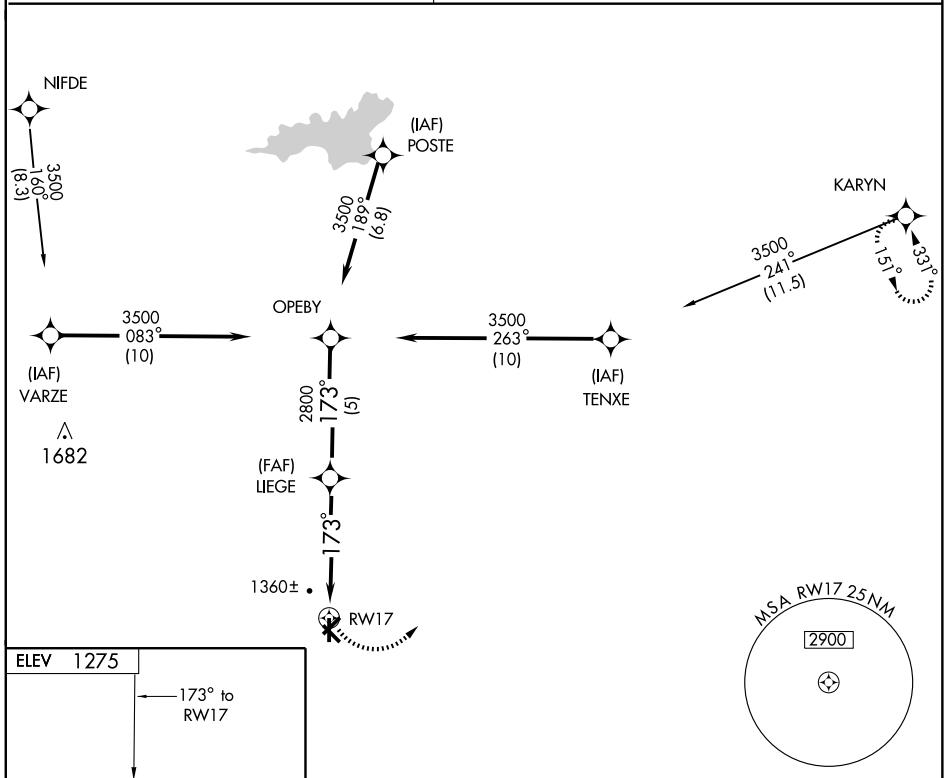
OLNEY MUNI (ONY)

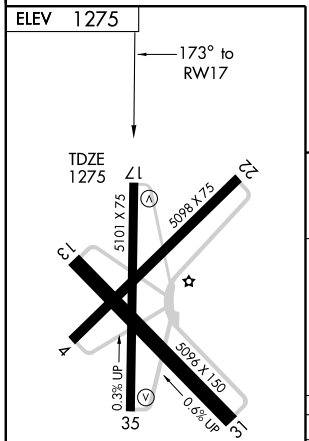
Use Sheppard AFB/Wichita Falls Altimeter setting.

⚠ NA

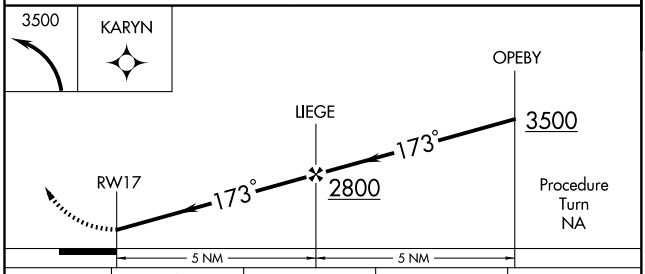
MISSED APPROACH: Climbing left turn to 3500 direct KARYN WP and hold.

FORT WORTH CENTER	UNICOM
133.5 350.35	**122.8** (CTAF)



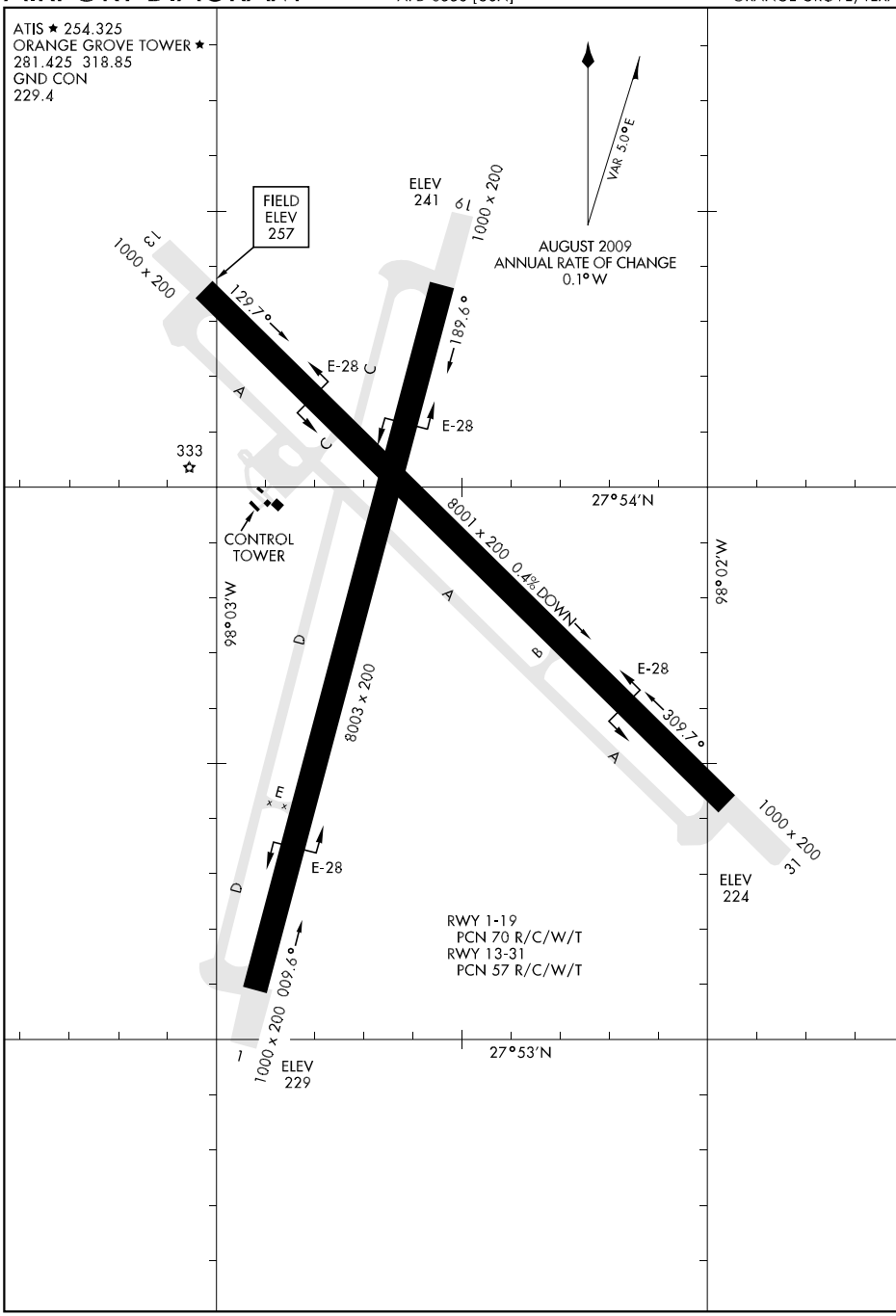


MIRL Rwy 17-35



CATEGORY	A	B	C	D
S-17	1820-1 545 (600-1)		1820-1½ 545 (600-1½)	NA
CIRCLING	1820-1 545 (600-1)		1820-1½ 545 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010



SC-3, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 13

LOC I-NOG	APCH CRS	Rwy ldg	8001
110.5	130°	TDZE	257
		Arpt Elev	257

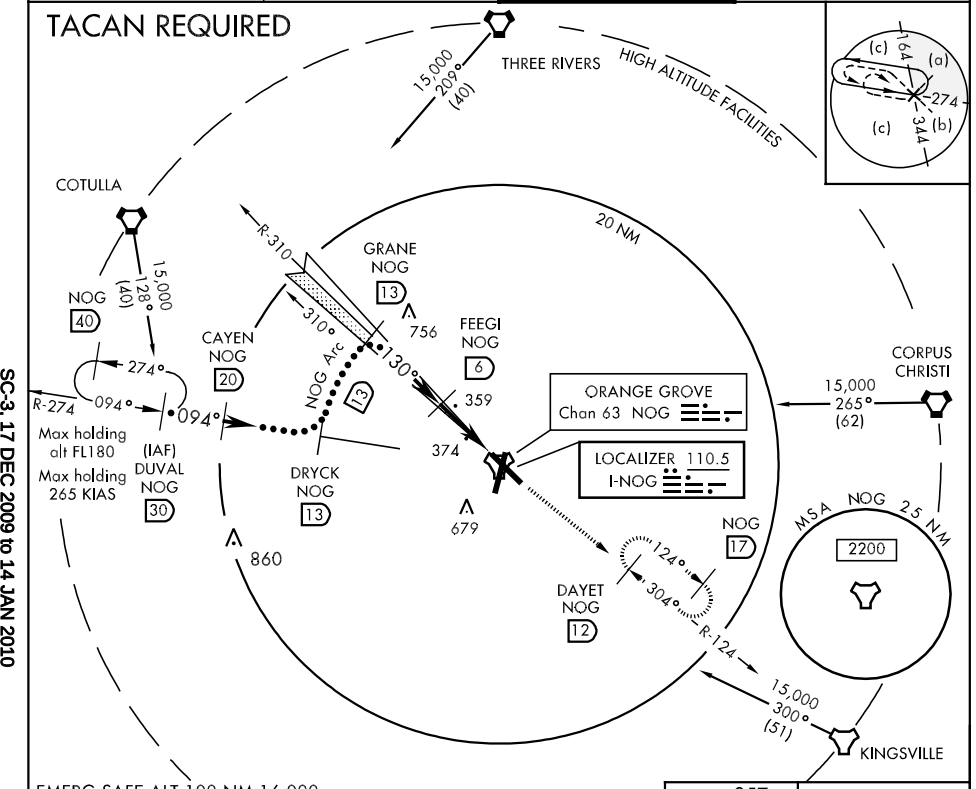
JAL-6553 [USN]

ORANGE GROVE NALF (KNOG)

MISSED APPROACH: Climb to 3000 via NOG TACAN R-124 to DAYET and hold.

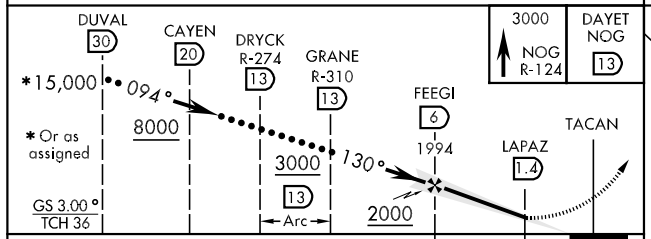
ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4

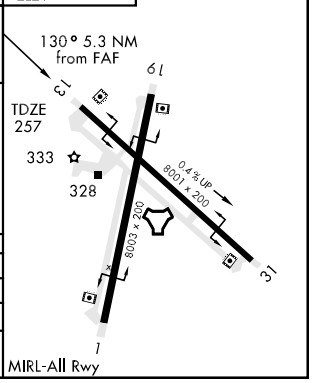
TACAN REQUIRED



EMERG SAFE ALT 100 NM 16,000

ELEV 257





CATEGORY	C	D	E
S-ILS 13	457-¾	200 (200-¾)	
S-LOC 13	600-1 343 (400-1)	600-1¼ 343 (400-1¼)	
CIRCLING	720-1½ 463 (500-1½)	820-2 563 (600-2)	980-2½ 723 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-TACAN RWY 13

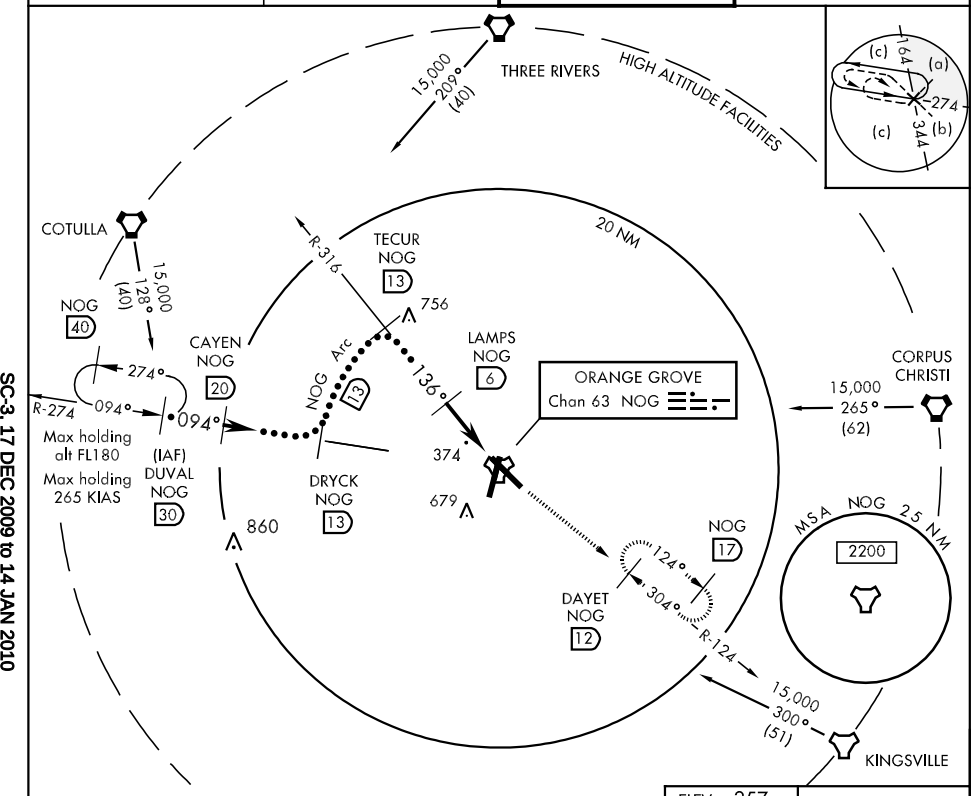
TACAN	APCH CRS	Rwy Idg	8001
NOG Chan 63	136°	TDZE	257
		Arpt Elev	257

JAL-6553 [USN]

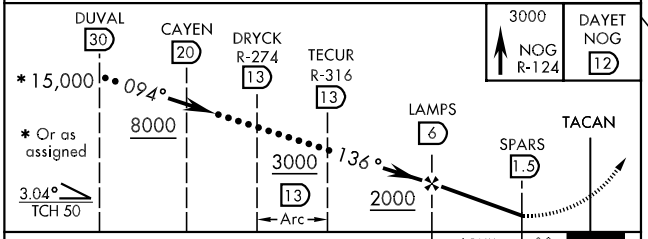
ORANGE GROVE NALF (KNOG)

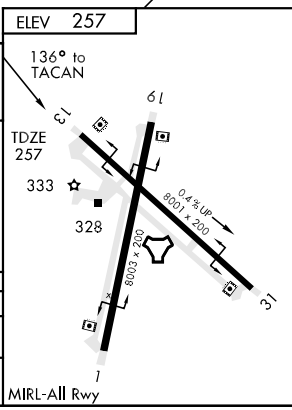
MISSED APPROACH: Climb to 3000 via NOG TACAN R-316 to NOG and NOG R-124 to DAYET and hold.

ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4



EMERG SAFE ALT 100 NM 16,000





CATEGORY	C	D	E
S-13	640-1 383 (400-1)	640-1¼ 383 (400-1¼)	
CIRCLING	720-1½ 463 (500-1½)	820-2 563 (600-2)	980-2½ 723 (800-2½)

SC-3, 17 DEC 2009 to 14 JAN 2010

ILS or LOC/DME RWY 13

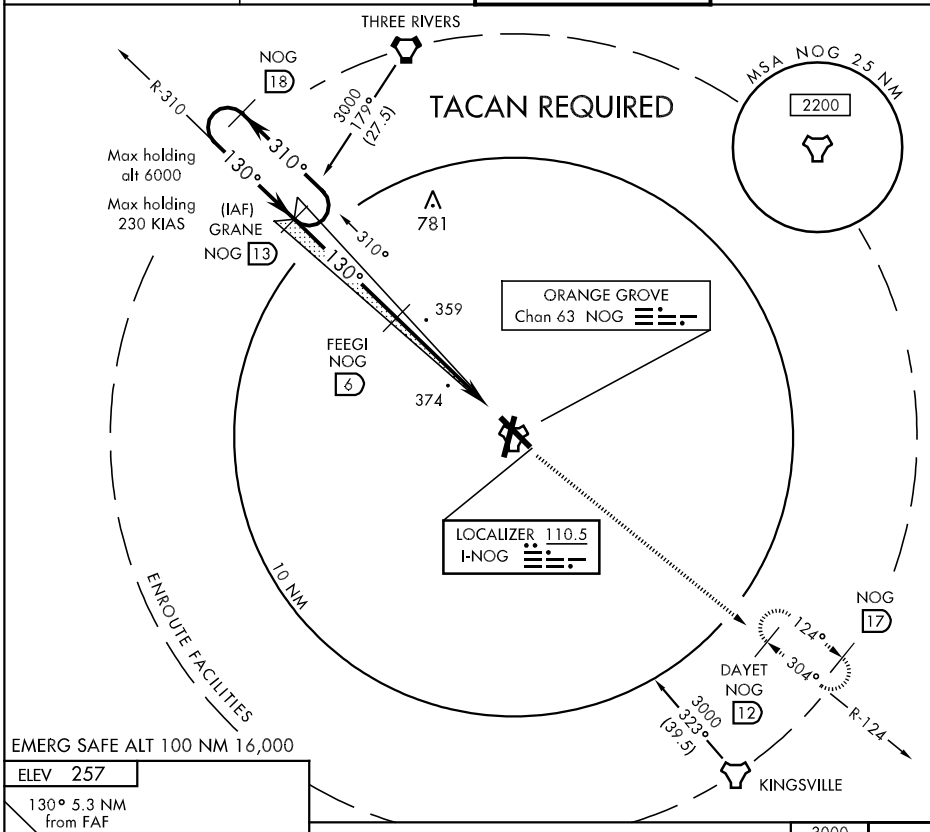
LOC I-NOG 110.5	APCH CRS 130°	Rwy Idg 8001 TDZE 257 Arpt Elev 257

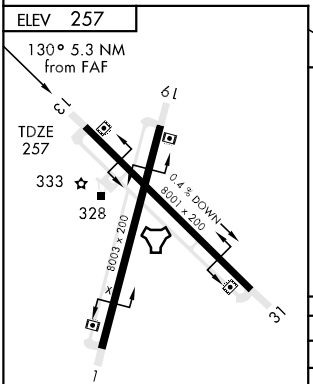
AL-6553 [USN]

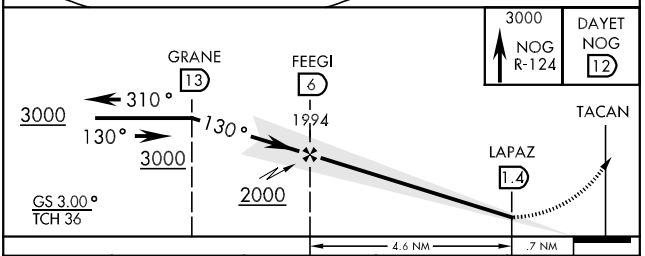
ORANGE GROVE NALF (KNOG)

MISSED APPROACH: Climb to 3000 via NOG TACAN R-124 to DAYET and hold.

ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4







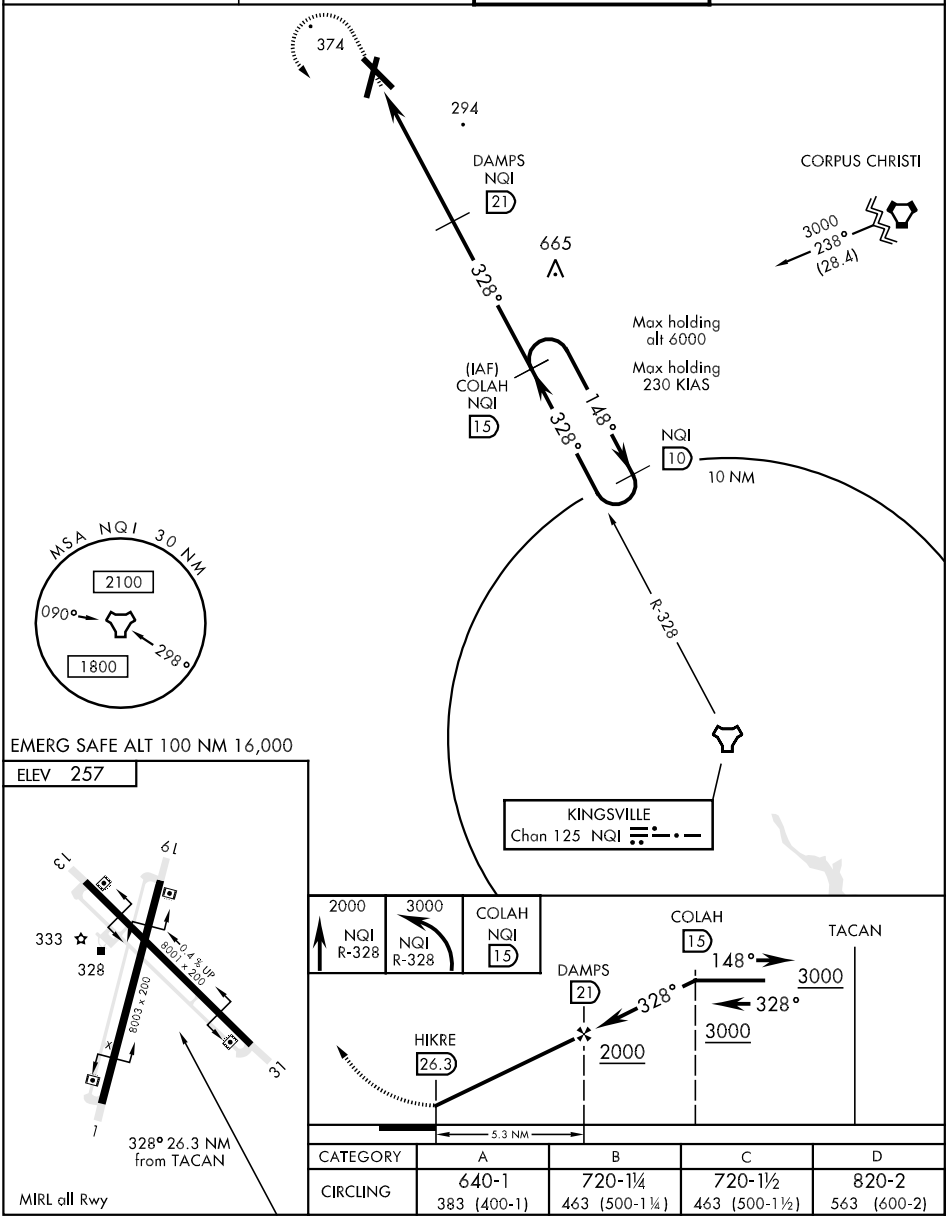
CATEGORY	A	B	C	D
S-ILS 13	457-¾	200	(200-¾)	
S-LOC 13	600-1	343	(400-1)	600-1¼ 343 (400-1¼)
CIRCLING	640-1 383 (400-1)	720-1 463 (500-1)	720-1½ 463 (500-1½)	820-2 563 (600-2)

TACAN-A

TACAN NQI Chan 125	APCH CRS 328°	Rwy ldg N/A TDZE N/A Arpt Elev 257	AL-6553 [USN]	ORANGE GROVE NALF (KNOG)

MISSED APPROACH: Climb to 2000 via NQI TACAN R-328, then climbing left turn to 3000 via NQI R-328 to COLAH and hold.

ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4



CATEGORY	A	B	C	D
CIRCLING	640-1 383 (400-1)	720-1¼ 463 (500-1¼)	720-1½ 463 (500-1½)	820-2 563 (600-2)

TACAN RWY 13

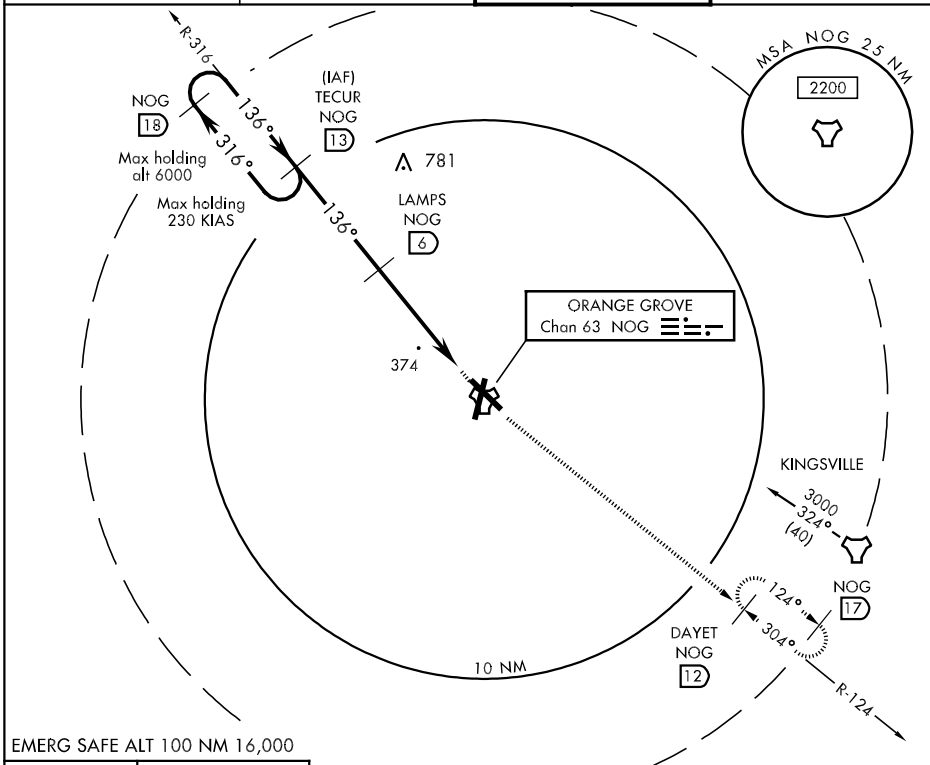
TACAN Chan	NOG 63	APCH CRS	136°	Rwy Idg	8001
				TDZE	257
				Arpt Elev	257

AL-6553 [USN]

ORANGE GROVE NALF (KNOG)

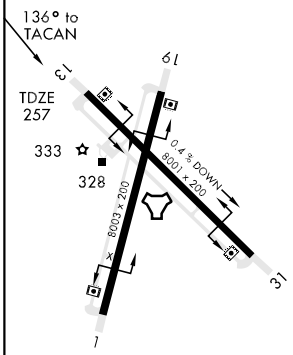
MISSED APPROACH: Climb to 3000 via NOG TACAN R-316 to NOG and NOG R-124 to DAYET and hold.

ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4

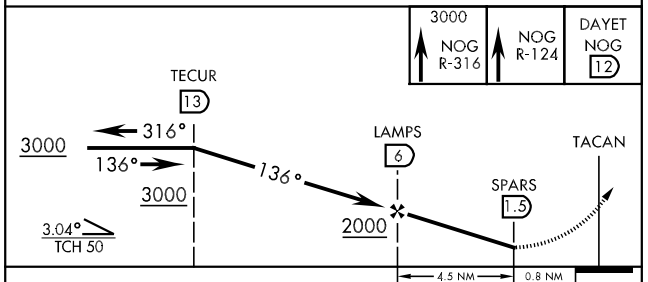


EMERG SAFE ALT 100 NM 16,000

ELEV 257



MIRL all Rwy



CATEGORY	A	B	C	D
S-13	640-1 383 (400-1)			640-1¼ 383 (400-1¼)
CIRCLING	640-1 383 (400-1)	720-1 463 (500-1)	720-1½ 463 (500-1½)	820-2 563 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 31

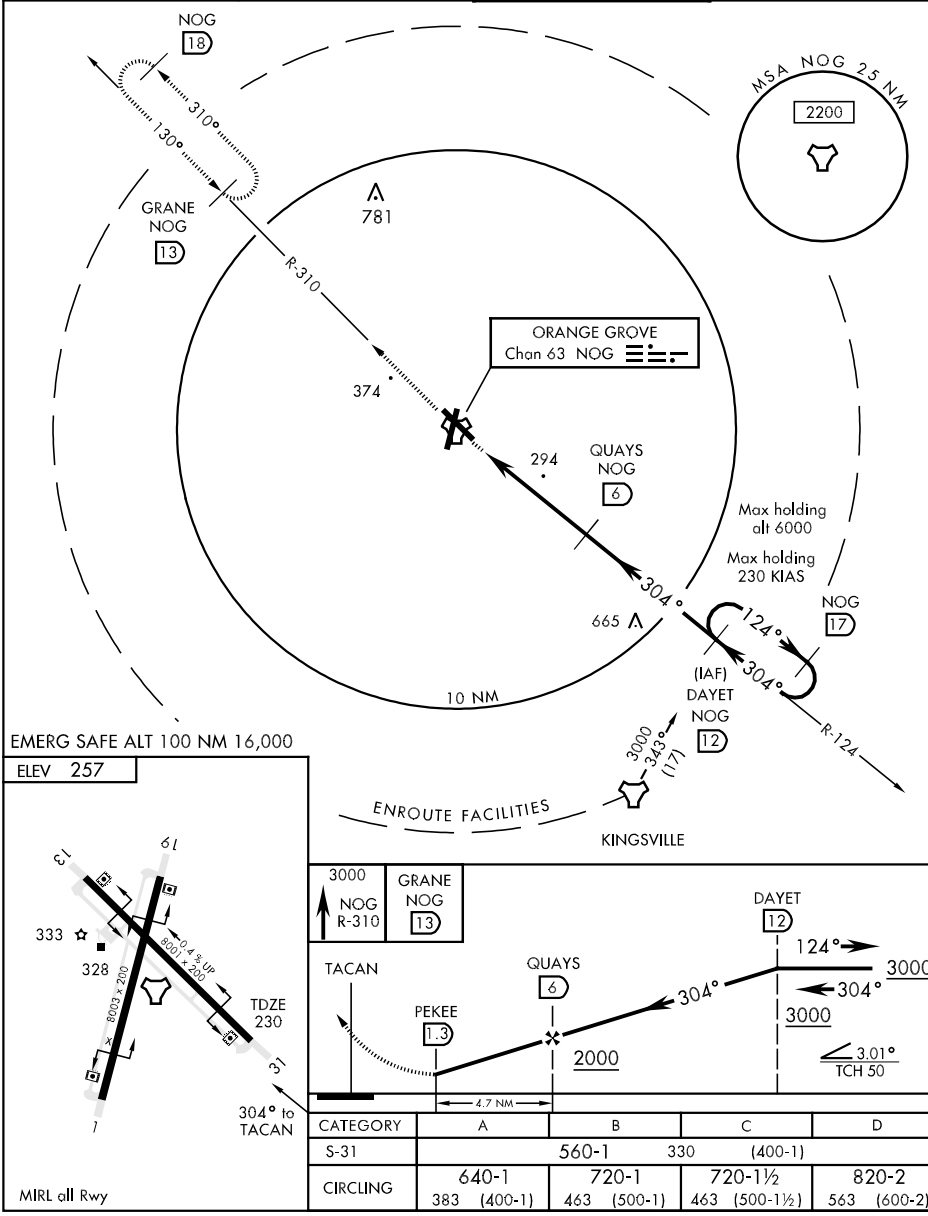
TACAN	APCH CRS	Rwy Idg	8001
Chan 63 NOG	304°	TDZE	230
		Arpt Elev	257

AL-6553 [USN]

ORANGE GROVE NALF (KNOG)

MISSED APPROACH: Climb to 3000 via NOG TACAN R-310 to GRANE and hold.

ATIS ★	KINGSVILLE APP CON	ORANGE GROVE TOWER ★	GND CON
254.325	119.90 290.45	281.425 318.85	229.4



CATEGORY	A	B	C	D
S-31	560-1 330 (400-1)			
CIRCLING	640-1 383 (400-1)	720-1 463 (500-1)	720-1½ 463 (500-1½)	820-2 563 (600-2)

MIRL all Rwy

SC-3, 17 DEC 2009 to 14 JAN 2010

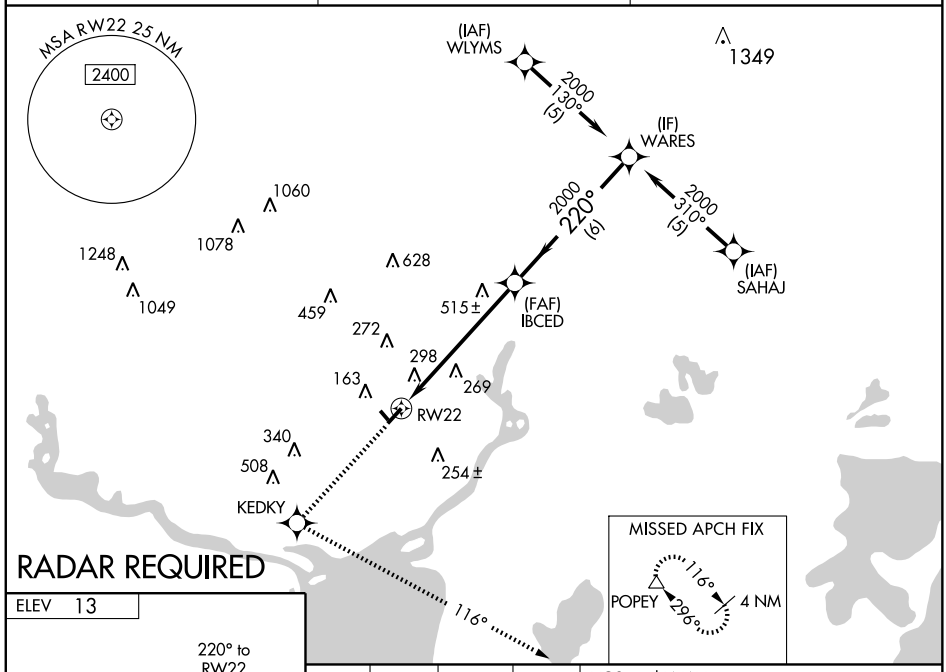
WAAS	APP CRS	Rwy Idg	5500
CH 56614	220°	TDZE	13
W22A		Apt Elev	13

RNAV (GPS) RWY 22
ORANGE COUNTY (ORG)

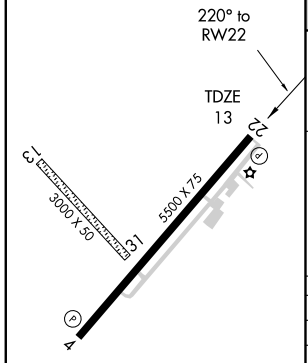
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15C° (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Southeast Texas Rgnl altimeter setting and increase all DA 32 feet and all MDA 40 feet, increase LPV and LNAV/VNAV all Cats visibility ¼ mile, and LNAV and Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Southeast Texas Rgnl altimeter setting. Circling NA to Rwy 13/31.

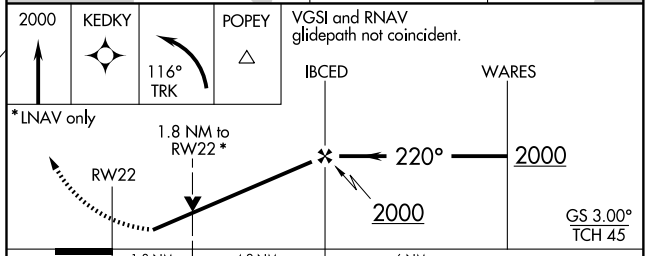
MISSED APPROACH: Climb to 2000 direct KEDKY and left turn via track 116° to POPEY and hold.

AWOS-3	HOUSTON APP CON	UNICOM
118.975	121.3 377.1	122.8 (CTAF) L



ELEV 13





CATEGORY	A	B	C	D
LPV DA	329-1 316 (400-1)			NA
LNAV/VNAV DA	674-2 ¼ 661 (700-2¼)			NA
LNAV MDA	600-1 587 (600-1)		600-1½ 587 (600-1½)	NA
CIRCLING	660-1 647 (700-1)		660-1¾ 647 (700-1¾)	NA

MIRL Rwy 4-22 L

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME RWY 22

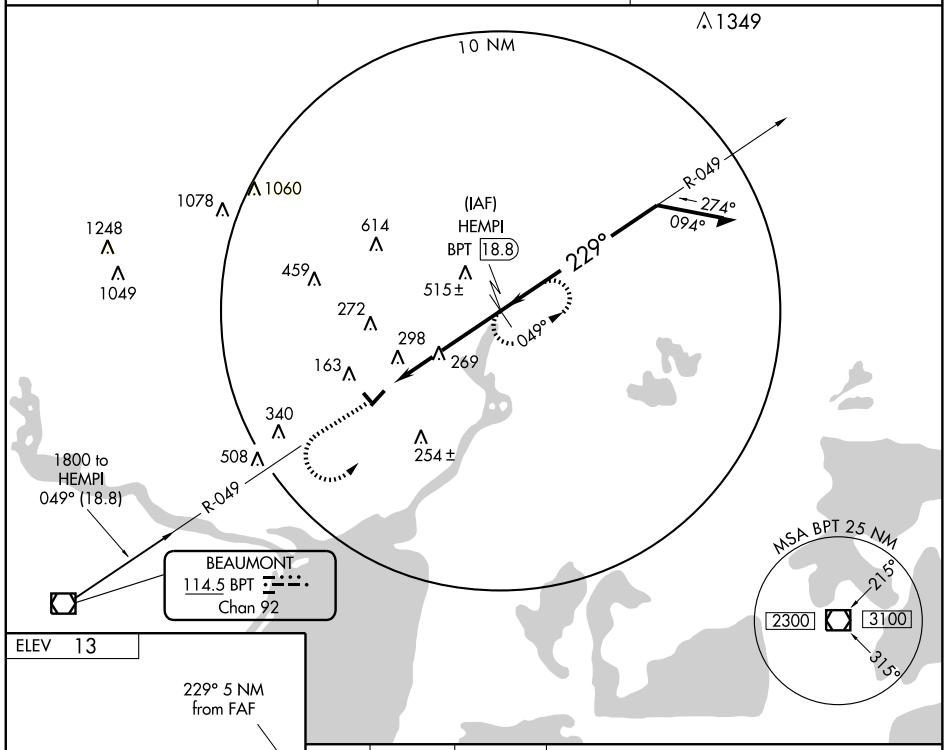
ORANGE COUNTY (ORG)

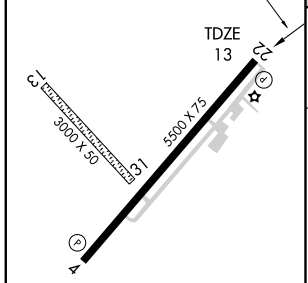
VOR/DME BPT	APP CRS	Rwy Idg	5500
114.5	229°	TDZE	13
Chan 92		Apt Elev	13

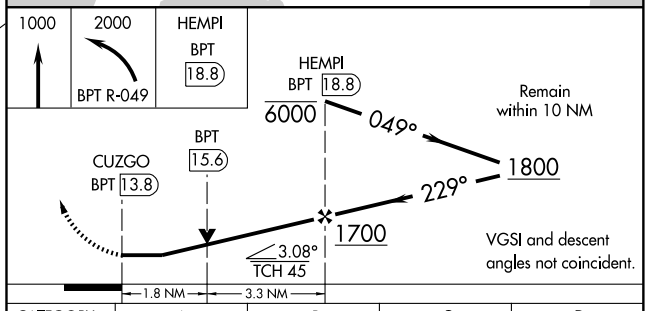
Visibility reduction by helicopters NA. Circling NA to Rwy 13/31.
VDP NA when using Southeast Texas Rgnl altimeter setting.
When local altimeter setting not received, use Southeast Texas Rgnl altimeter setting and increase all MDA 40 feet and increase S-22 and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 via BPT R-049 to HEMPI/18.8 DME and hold.

AWOS-3	HOUSTON APP CON	UNICOM
118.975	121.3 377.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-22	600-1	587 (600-1)	600-1½ 587 (600-1½)	NA
CIRCLING	660-1	647 (700-1)	660-1¾ 647 (700-1¾)	NA

MIRL Rwy 4-22 L

SC-5, 17 DEC 2009 to 14 JAN 2010

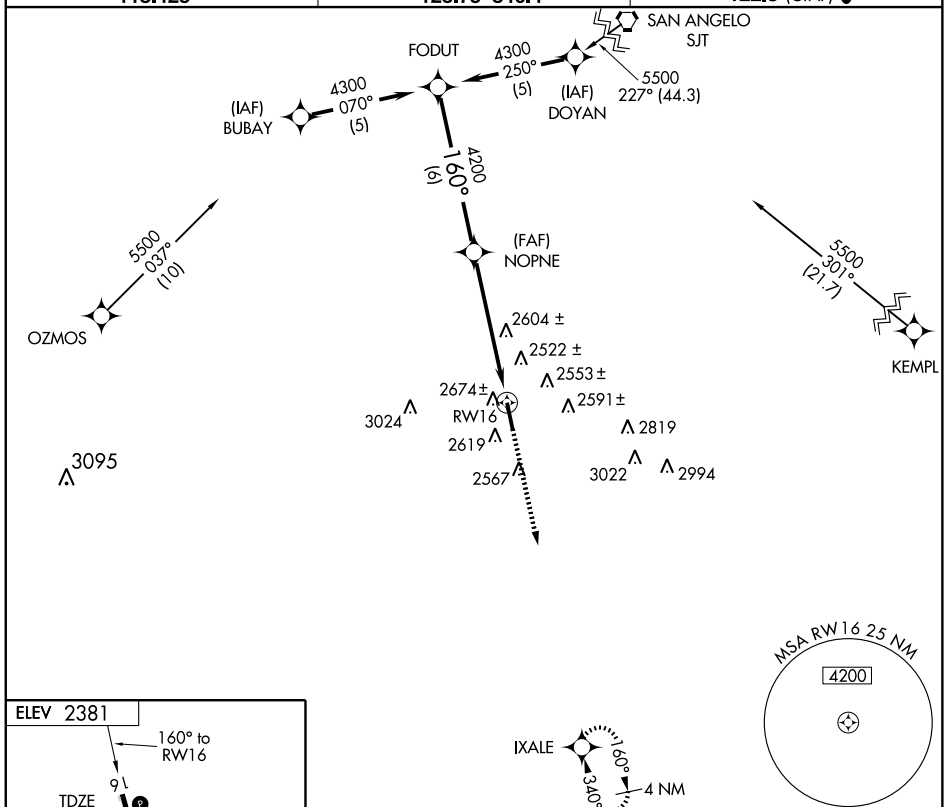
APP CRS	Rwy Idg	6000
160°	TDZE	2377
	Apt Elev	2381

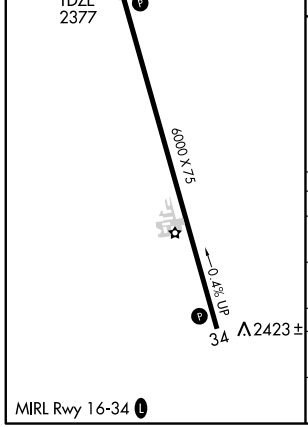
RNAV (GPS) RWY 16
OZONA MUNI (OZA)

GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA. Procedure NA at night.
Obtain local altimeter on CTAF; when not received, use San Angelo altimeter setting.

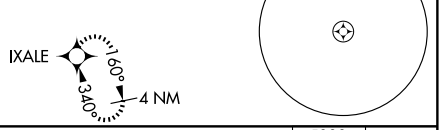
MISSED APPROACH: Climb to 5000 direct IXALE WP and hold.

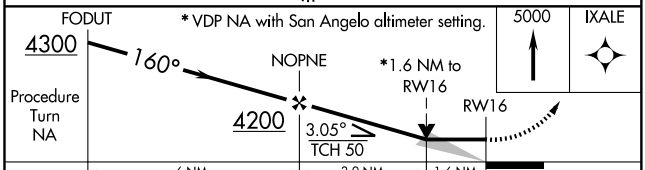
AWOS-3	HOUSTON CENTER	UNICOM
118.425	125.75 346.4	122.8 (CTAF) L





MIRL Rwy 16-34 L





CATEGORY	A	B	C	D
LNAV MDA	2940-1¼ 563 (600-1¼)		2940-1½ 563 (600-1½)	NA
CIRCLING	2980-1¼ 599 (600-1¼)		2980-1½ 599 (600-1½)	NA
SAN ANGELO ALTIMETER SETTING MINIMUMS				
LNAV MDA	3180-1¼ 803 (800-1¼)		3180-2¼ 803 (800-2¼)	NA
CIRCLING	3220-1¼ 839 (900-1¼)		3220-2½ 839 (900-2½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC GTH	APP CRS	Rwy Idg	3186
114.5	360°	TDZE	1857
Chan 92		Apt Elev	1858

VOR/DME or GPS RWY 35

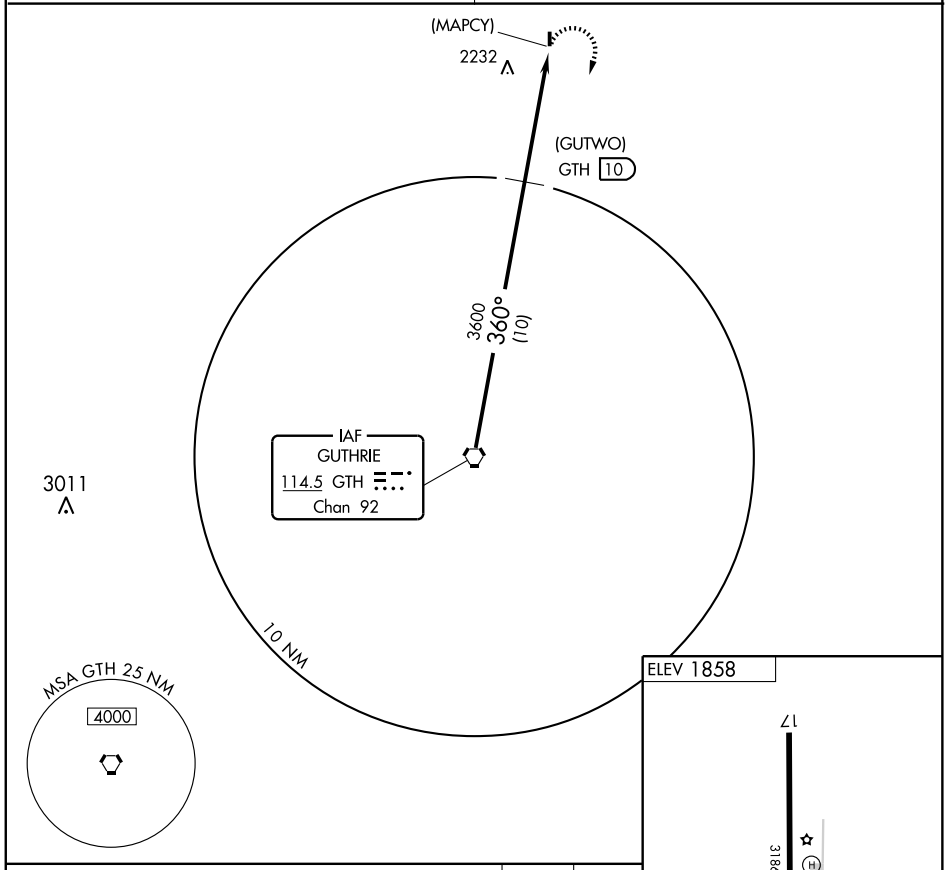
PADUCAH/DAN E. RICHARDS MUNI (3F6)

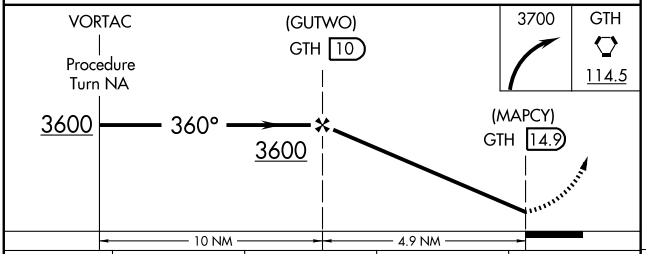
⚠ NA — Use Childress altimeter setting. When not available use Altus AFB altimeter setting and increase all MDAs 200 feet.

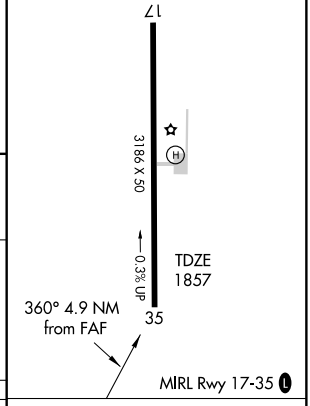
MISSED APPROACH: Climbing right turn to 3700 direct to GTH VORTAC.

FORT WORTH CENTER
133.5 350.35

CTAF
122.9 (L)







CATEGORY	A	B	C	D
S-35	2580-1	723 (800-1)	NA	
CIRCLING	2580-1	723 (800-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

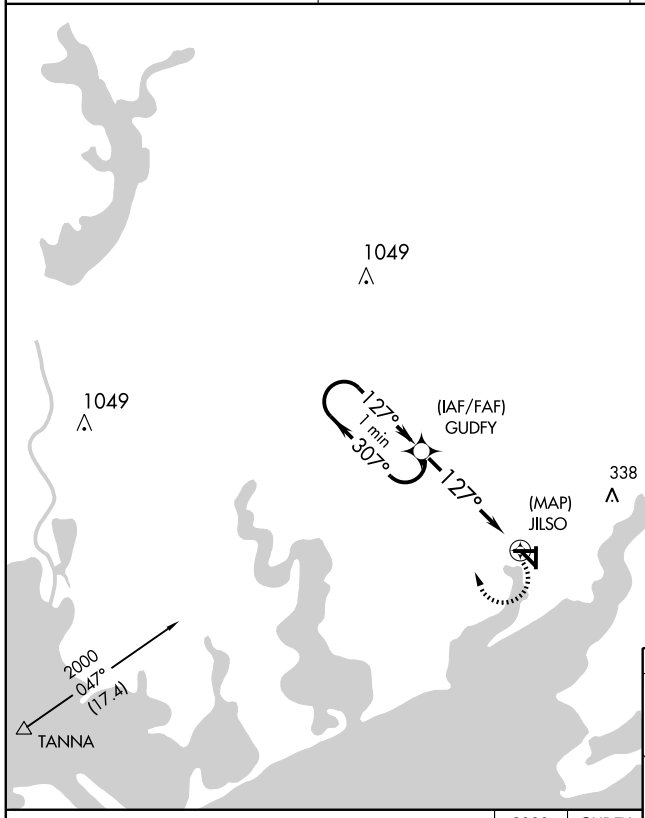
APP CRS	Rwy Idg	5001
127°	TDZE	14
	Apt Elev	15

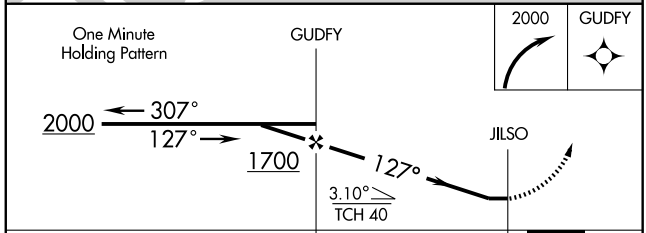
GPS RWY 13
PALACIOS MUNI (PSX)

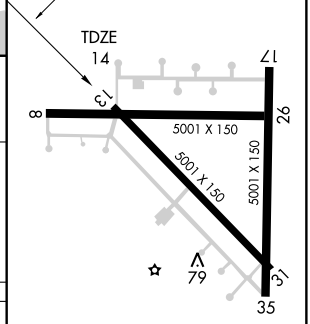
NA

MISSED APPROACH: Climbing right turn to 2000 direct GUDFY WP and hold.

ASOS	HOUSTON CENTER	UNICOM
118.025	128.6 360.8	122.8 (CTAF) L







REIL Rwys 13 and 31
MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-13	380-1 366 (400-1)			380-1¼ 366 (400-1¼)
CIRCLING	420-1 405 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

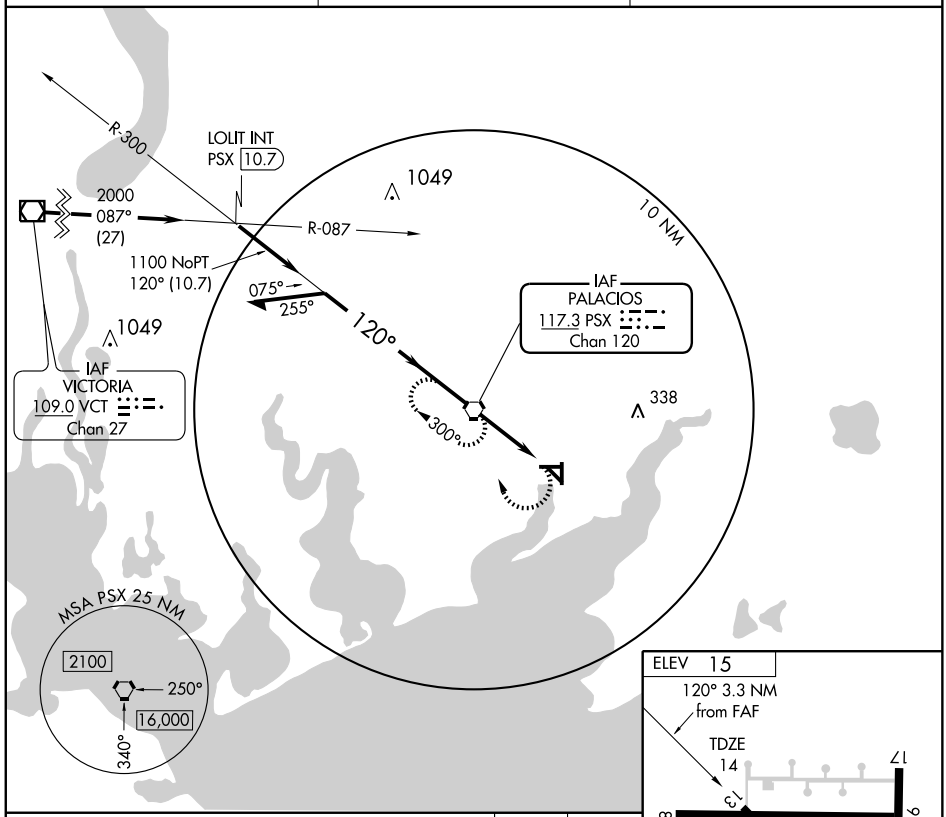
SC-5, 17 DEC 2009 to 14 JAN 2010

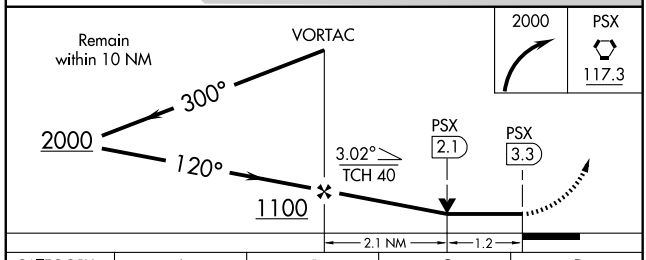
VOR PSX 117.3 Chan 120	APP CRS 120°	Rwy Idg 5001 TDZE 14 Apt Elev 15

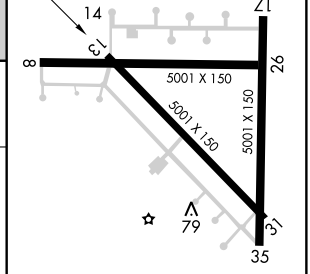
VOR RWY 13
PALACIOS MUNI (PSX)

MISSED APPROACH: Climbing right turn to 2000 direct PSX VORTAC and hold.

ASOS	HOUSTON CENTER	UNICOM
118.025	128.6 360.8	122.8 (CTAF) L







REIL Rwys 13 and 31
MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-13	380-1 366 (400-1)			380-1¼ 366 (400-1¼)
CIRCLING	420-1 405 (500-1)	480-1 465 (500-1)	480-1½ 465 (500-1½)	580-2 565 (600-2)

FAF to MAP 3.3 NM

Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB PSN	APP CRS	Rwy Idg	5005
375	015°	TDZE	415
		Apt Elev	423

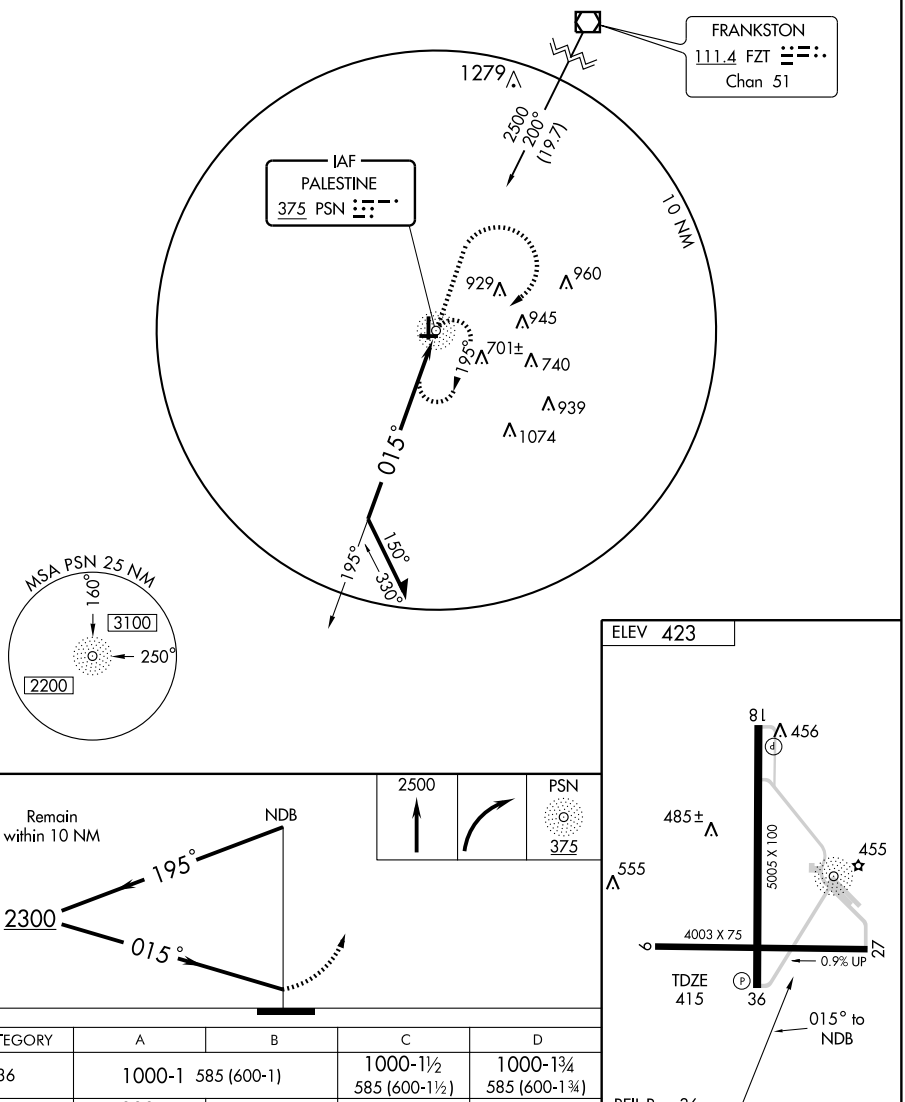
NDB RWY 36
PALESTINE MUNI (PSN)

If local altimeter setting not received, use C. David Campbell Field-Corsicana Muni altimeter setting and increase all MDAs 100 feet.

NA

MISSED APPROACH: Climb to 2500 then right turn direct PSN NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF)



CATEGORY	A	B	C	D
S-36	1000-1 585 (600-1)		1000-1½ 585 (600-1½)	1000-1¾ 585 (600-1¾)
CIRCLING	1000-1 577 (600-1)	1040-1 617 (700-1)	1040-1¾ 617 (700-1¾)	1060-2 637 (700-2)

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5005
177°	TDZE	416
	Apt Elev	423

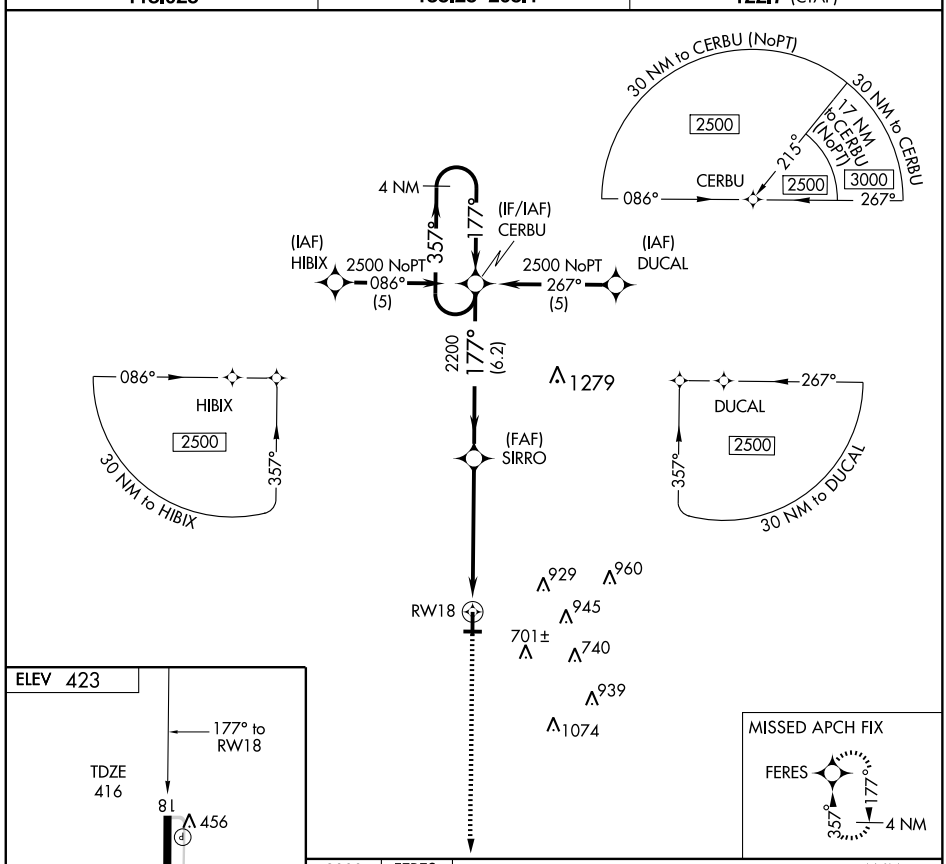
RNAV (GPS) RWY 18

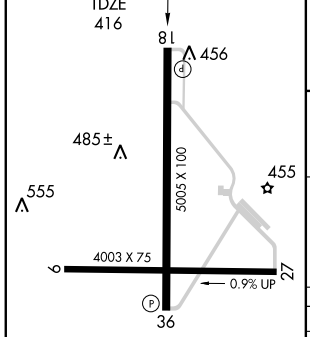
PALESTINE MUNI (PSN)

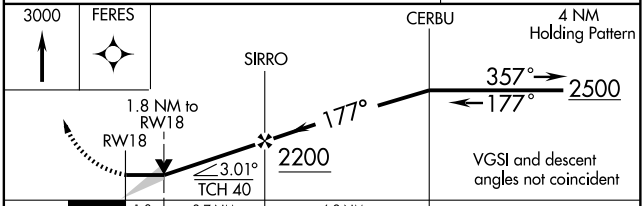
VDP NA with C. David Campbell Field-Corsicana Muni altimeter setting. DME/DME RNP-0.3 NA. Circling to Rwy 9-27, NA at night. If local weather not received, use C. David Campbell Field-Corsicana Muni altimeter setting and increase all MDAs 100 feet.

MISSED APPROACH: Climb to 3000 direct FERES and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1040-1	624 (700-1)	1040-1¾ 624 (700-1¾)	1040-2 624 (700-2)
CIRCLING	1040-1	617 (700-1)	1040-1¾ 617 (700-1¾)	1060-2 637 (700-2)

REIL Rwy 36
MIRL Rwys 18-36 and 9-27

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5005
357°	TDZE	415
	Apt Elev	423

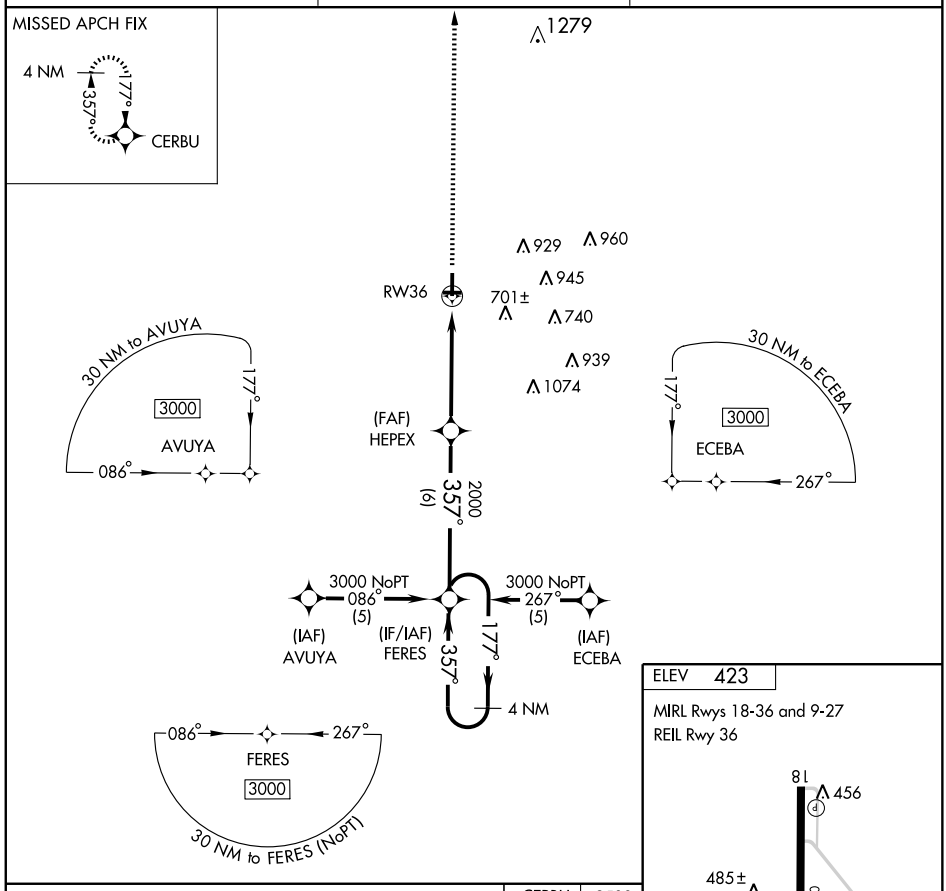
RNAV (GPS) RWY 36

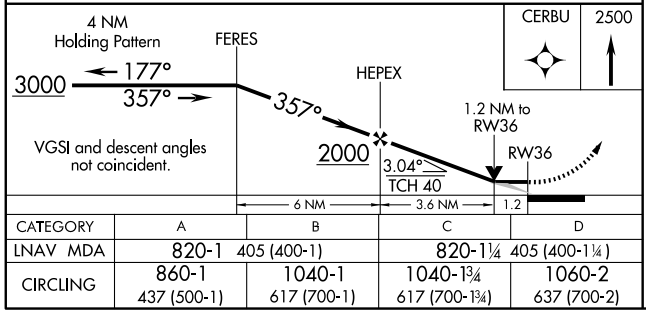
PALESTINE MUNI (PSN)

VDP NA with C. David Campbell Field-Corsicana Muni altimeter setting. DME/DME RNP-0.3 NA. If local altimeter setting not received, use C. David Campbell Field-Corsicana Muni altimeter setting and increase all MDAs 100 feet.

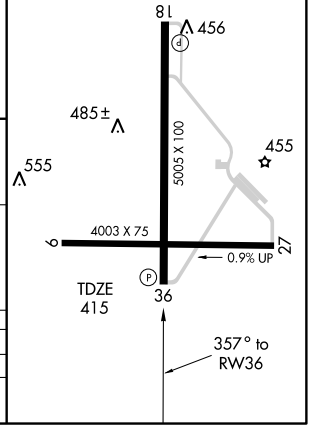
MISSED APPROACH: Climb to 2500 direct CERBU and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	820-1 405 (400-1)		820-1¼ 405 (400-1¼)	
CIRCLING	860-1 437 (500-1)	1040-1 617 (700-1)	1040-1¾ 617 (700-1¾)	1060-2 637 (700-2)



SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME FZT	APP CRS	Rwy Idg	5005
111.4	201°	TDZE	416
Chan 51		Apt Elev	423

VOR/DME RWY 18

PALESTINE MUNI (PSN)

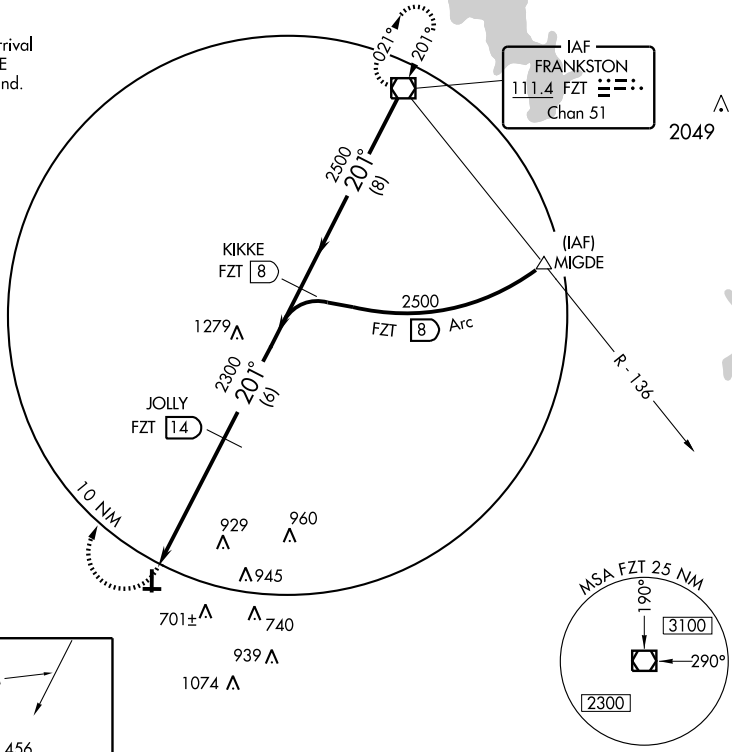
NA

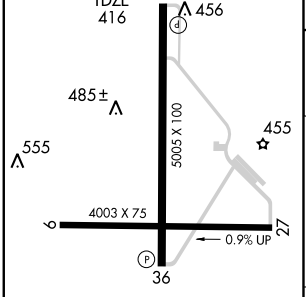
If local altimeter setting not received, use C. David Campbell Field-Corsicana Muni altimeter setting and increase all MDAs 100 feet.

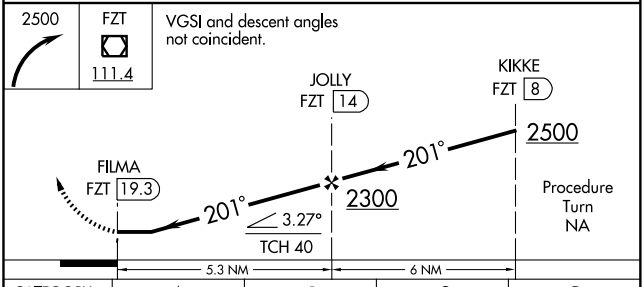
MISSING APPROACH: Climbing right turn to 2500 direct FZT VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.025	135.25 265.1	122.7 (CTAF)

Procedure NA for arrival at FZT VOR/DME via V583 northbound.







CATEGORY	A	B	C	D
S-18	1240-1 824 (900-1)	1240-1¼ 824 (900-1¼)	1240-2½ 824 (900-2½)	1240-2¾ 824 (900-2¾)
CIRCLING	1240-1 817 (900-1)	1240-1¼ 817 (900-1¼)	1240-2½ 817 (900-2½)	1240-2¾ 817 (900-2¾)

REIL Rwy 36
MIRL Rwys 18-36 and 9-27

SC-5, 17 DEC 2009 to 14 JAN 2010

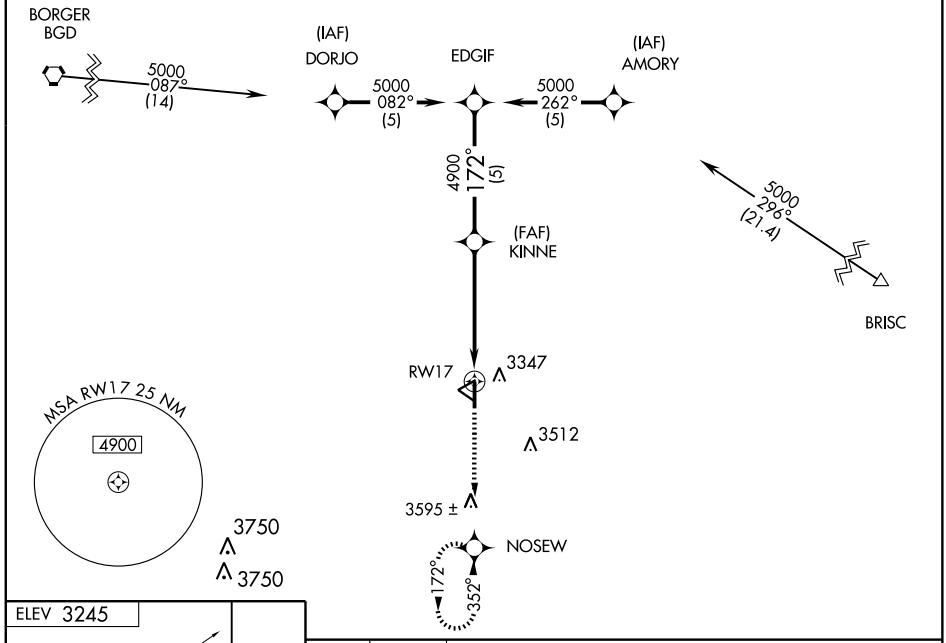
APP CRS	Rwy Idg	5862
172°	TDZE	3244
	Apt Elev	3245

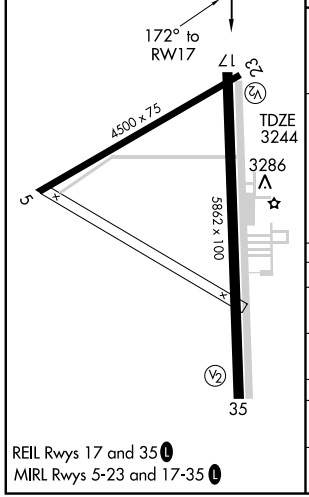
GPS RWY 17

PAMPA/ PERRY LEFORS FIELD (PPA)

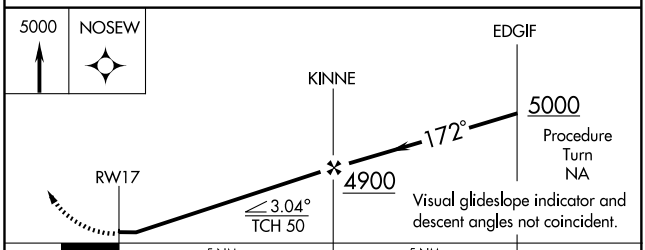
NA	Obtain local altimeter setting on CTAF; when not received, use Borger altimeter setting.	MISSED APPROACH: Climb to 5000 direct NOSEW WP and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.725	127.85 285.475	122.7 (CTAF) L





REIL Rwys 17 and 35 L
MIRL Rwys 5-23 and 17-35 L



CATEGORY	A	B	C	D
S-17	3600-1 356 (400-1)			3600-1 ¼ 356 (400-1 ¼)
CIRCLING	3660-1 415 (500-1)	3700-1 455 (500-1)	3700-1½ 455 (500-1½)	3800-2 555 (600-2)
BORGER ALTIMETER SETTING MINIMUMS				
S-17	3680-1 436 (500-1)		3680-1 ¼ 436 (500-1 ¼)	3680-1½ 436 (500-1½)
CIRCLING	3720-1 475 (500-1)		3720-1½ 475 (500-1½)	3800-2 555 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB PPA	APP CRS	Rwy Idg	5862
368	166°	TDZE	3244
		Apt Elev	3245

NDB RWY 17

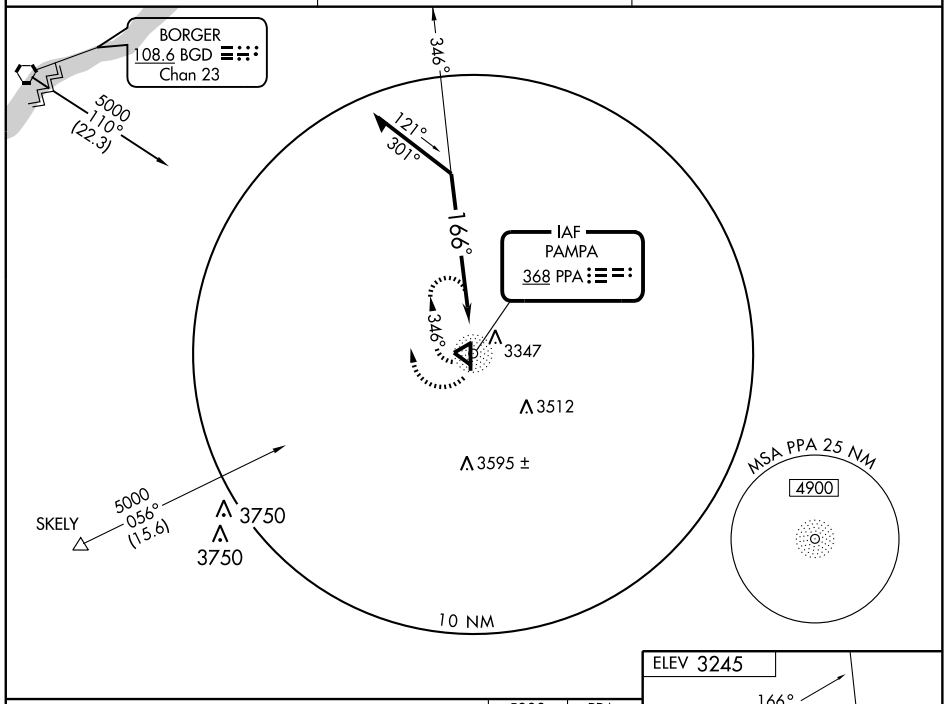
PAMPA/ PERRY LEFORS FIELD (PPA)

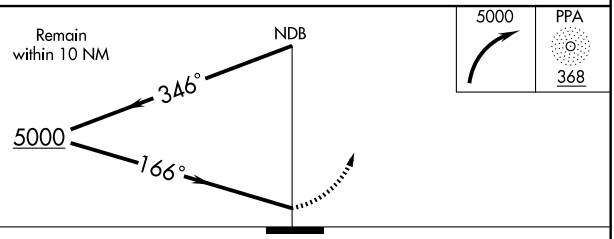
NA

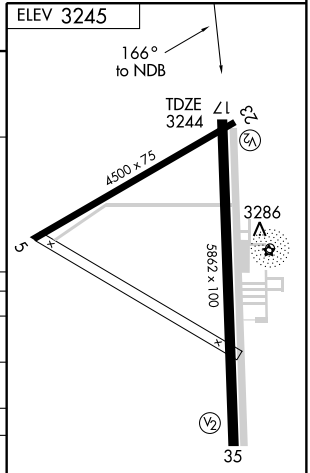
Obtain local altimeter setting on CTAF; when not received, use Borger altimeter setting.

MISSED APPROACH: Climbing right turn to 5000 in PPA NDB holding pattern.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.725	127.85 285.475	122.7 (CTAF) L







REIL Rwys 17 and 35 L

MIRL Rwys 5-23 and 17-35 L

CATEGORY	A	B	C	D
S-17	3700-1	456 (500-1)	3700-1¼ 456 (500-1¼)	3700-1½ 456 (500-1½)
CIRCLING	3700-1	455 (500-1)	3700-1½ 455 (500-1½)	3800-2 555 (600-2)
BORGER ALTIMETER SETTINGS MINIMUMS				
S-17	3780-1	536 (600-1)	3780-1½ 536 (600-1½)	3780-1¾ 536 (600-1¾)
CIRCLING	3780-1	535 (600-1)	3780-1½ 535 (600-1½)	3800-2 555 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD	APP CRS	Rwy Idg	N/A
108.6	110°	TDZE	N/A
Chan 23		Apt Elev	3245

VOR/DME-A

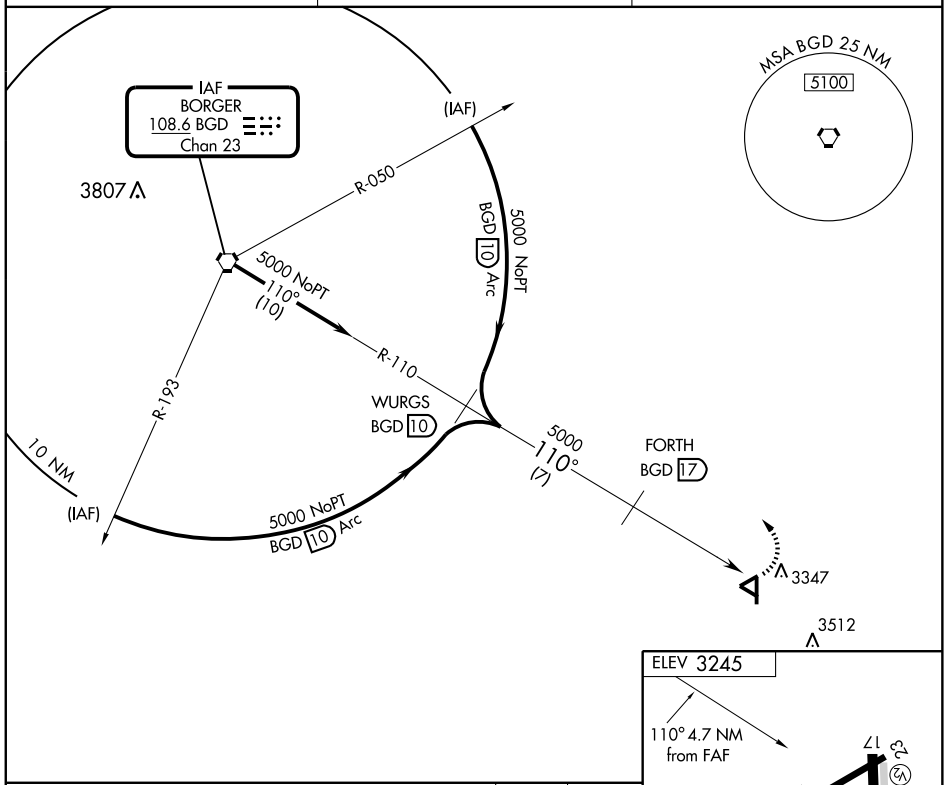
PAMPA/ PERRY LEFORS FIELD (PPA)

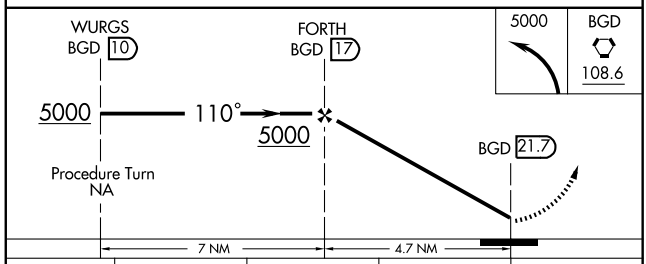
⚠ NA

Obtain local altimeter setting on CTAF; when not received, use Borger altimeter setting.

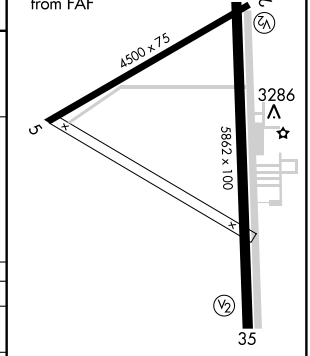
MISSED APPROACH: Climbing left turn to 5000 direct BGD VORTAC.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.725	127.85 285.475	122.7 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	3660-1 415 (500-1)	3700-1 455 (500-1)	3700-1½ 455 (500-1½)	3800-2 555 (600-2)
BORGER ALTIMETER SETTINGS MINIMUMS				
CIRCLING	3720-1 475 (500-1)		3720-1½ 475 (500-1½)	3800-2 555 (600-2)



REIL Rwys 17 and 35 L
MIRL Rwys 5-23 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4405
352°	TDZE	3452
	Apt Elev	3452

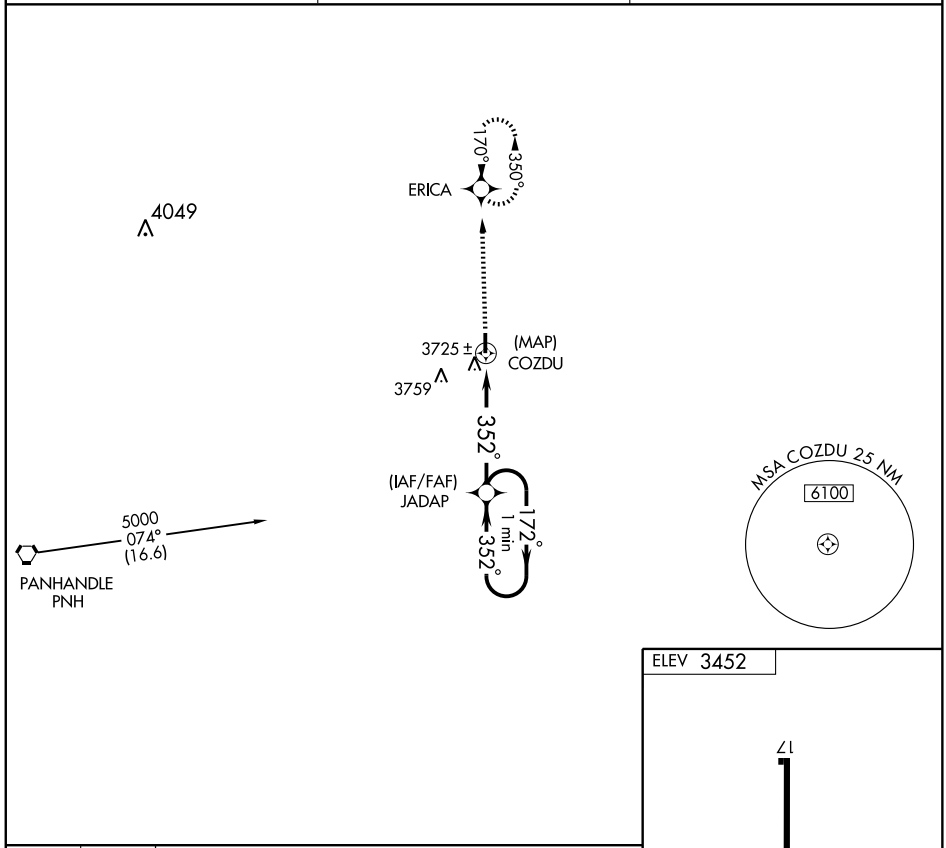
GPS RWY 35

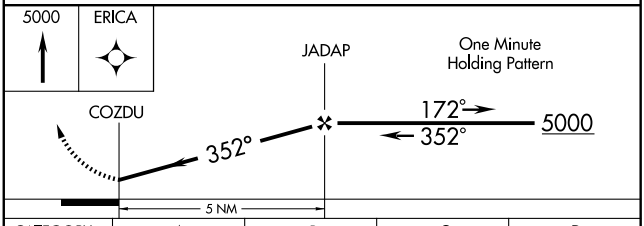
PANHANDLE-CARSON COUNTY (T45)

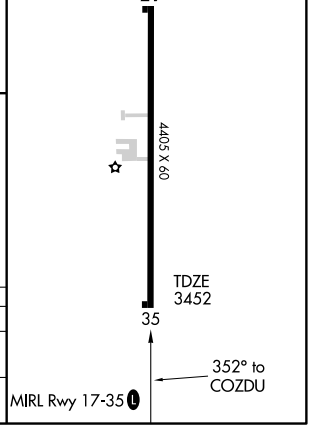
NA Use Rick Husband Amarillo Intl altimeter setting.

MISSED APPROACH: Climb to 5000 direct ERICA WP and hold.

AMARILLO APP CON ★	UNICOM	
119.5 307.0	122.7 (CTAF)	123.5 L







CATEGORY	A	B	C	D
S-35	4100-1	648 (700-1)	4100-1¾ 648 (700-1¾)	NA
CIRCLING	4140-1	688 (700-1)	4140-2 688 (700-2)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

PANHANDLE, TEXAS

AL-9145 (FAA)

VORTAC BGD	APP CRS	Rwy Idg	4405
108.6	167°	TDZE	3450
Chan 23		Apt Elev	3452

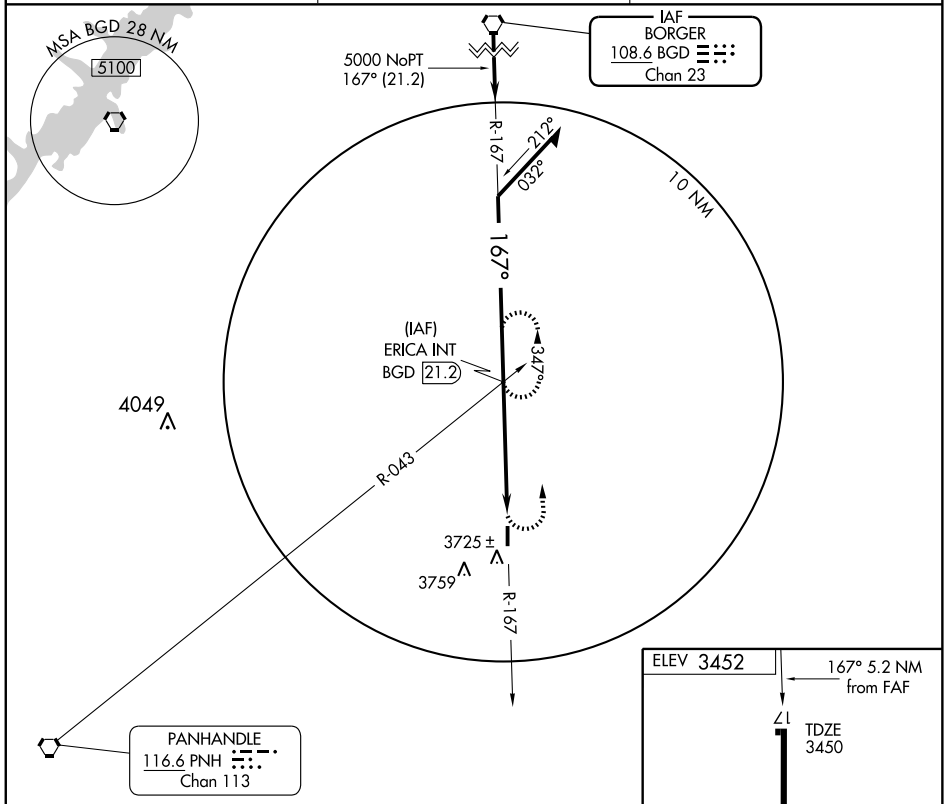
VOR RWY 17

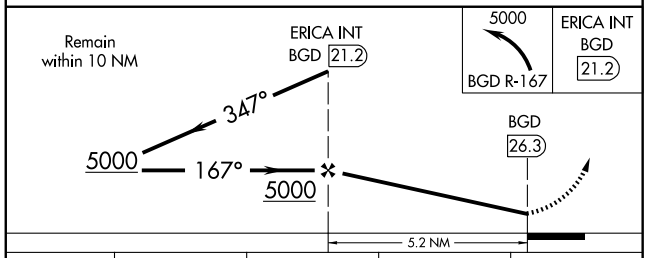
PANHANDLE-CARSON COUNTY (T45)

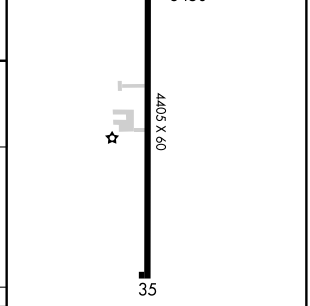
NA Use Rick Husband Amarillo Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 5000 via BGD R-167 to ERICA Int 21.2 DME and hold.

AMARILLO APP CON *	UNICOM	
119.5 307.0	122.7 (CTAF)	123.5 L







MIRL Rwy 17-35 L

CATEGORY	A	B	C	D
S-17	3900-1 450 (500-1)	3900-1¼ 450 (500-1¼)	3900-1½ 450 (500-1½)	NA
CIRCLING	4140-1 688 (700-1)	4140-1¼ 688 (700-1¼)	4140-2 688 (700-2)	NA

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 69401 W17A	APP CRS 175°	Rwy Idg 6002 TDZE 541 Apt Elev 548

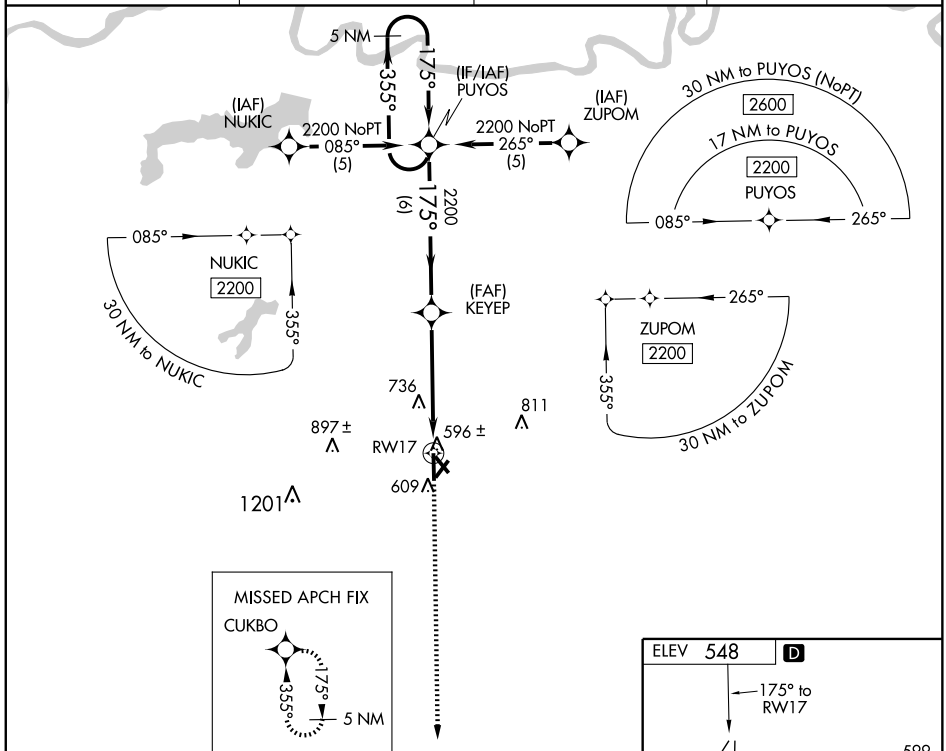
RNAV (GPS) RWY 17

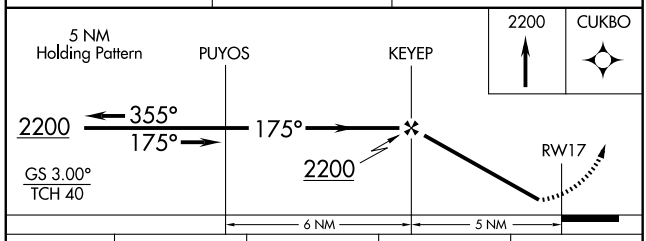
PARIS/ COX FIELD (PRX)

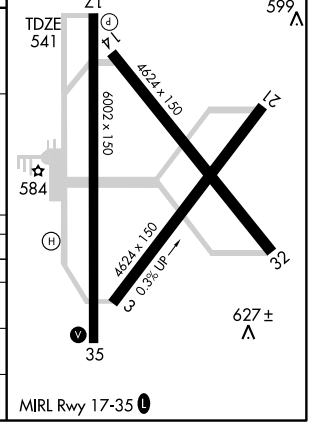
▼ DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Sulphur Springs altimeter setting and increase all DAs/MDAs 80 feet.
▲ For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (118°F). BARO-VNAV NA when using Sulphur Springs altimeter setting.

MISSED APPROACH: Climb to 2200 direct CUKBO and hold.

AWOS-3	FORT WORTH CENTER	FORT WORTH RADIO	UNICOM
119.675	124.875	122.25	122.975 (CTAF) L







CATEGORY	A	B	C	D
LPV DA		791-1	250 (300-1)	
LNAV/ VNAV DA		846-1	305 (300-1)	
LNAV MDA	1040-1 499 (500-1)		1040-1¼ 499 (500-1¼)	1040-1½ 499 (500-1½)
CIRCLING	1040-1 492 (500-1)		1040-1½ 492 (500-1½)	1100-2 552 (600-2)

MIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 63001 W35A	APP CRS 355°	Rwy Idg 6002 TDZE 532 Apt Elev 548

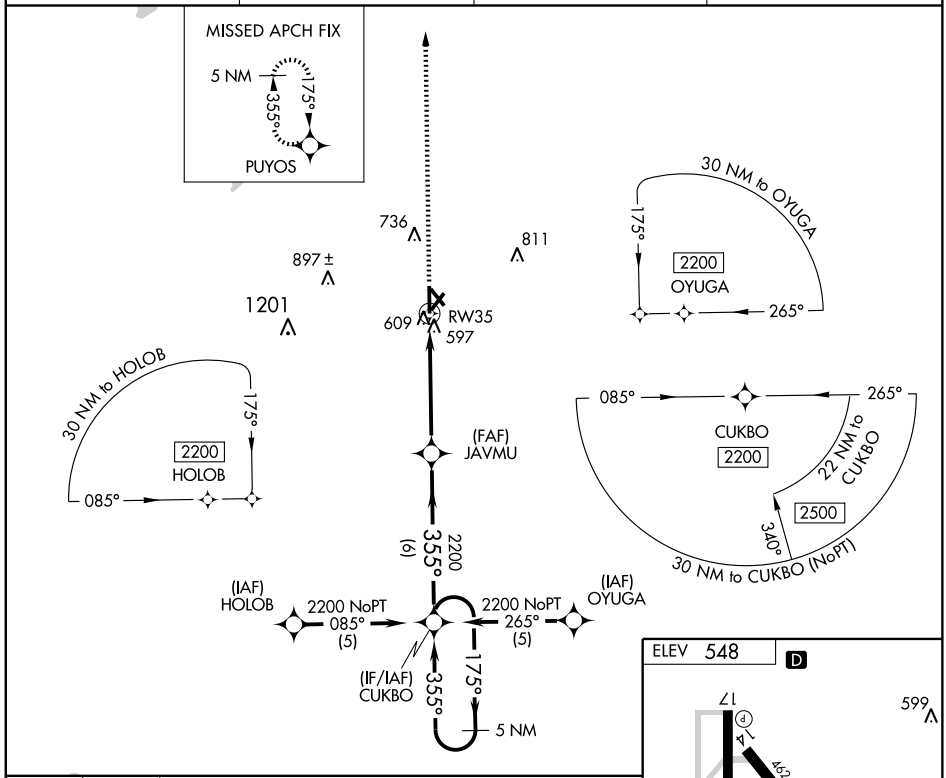
RNAV (GPS) RWY 35

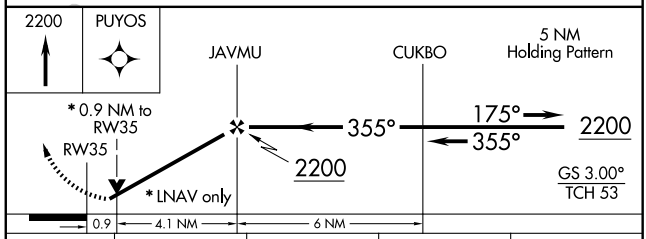
PARIS/ COX FIELD (PRX)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Sulphur Springs altimeter setting and increase all DAs/MDAs 80 feet.
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (118°F). BARO-VNAV and VDP NA when using Sulphur Springs altimeter setting.

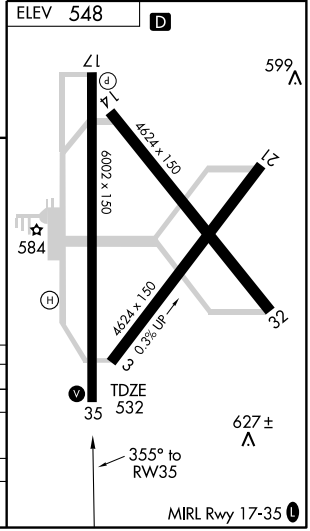
MISSED APPROACH: Climb to 2200 direct PUYOS and hold.

AWOS-3	FORT WORTH CENTER	FORT WORTH RADIO	UNICOM
119.675	124.875	122.25	122.975 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		782-¾ 250 (300-¾)		
LNAV/ VNAV DA		925-1¼ 393 (400-1¼)		
LNAV MDA		860-1 328 (400-1)		
CIRCLING	960-1¼ 412 (500-1¼)	1000-1¼ 452 (500-1¼)	1000-1½ 452 (500-1½)	1100-2 552 (600-2)



SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME PRX	APP CRS	Rwy Idg	6002
113.6	350°	TDZE	532
Chan 83		Apt Elev	548

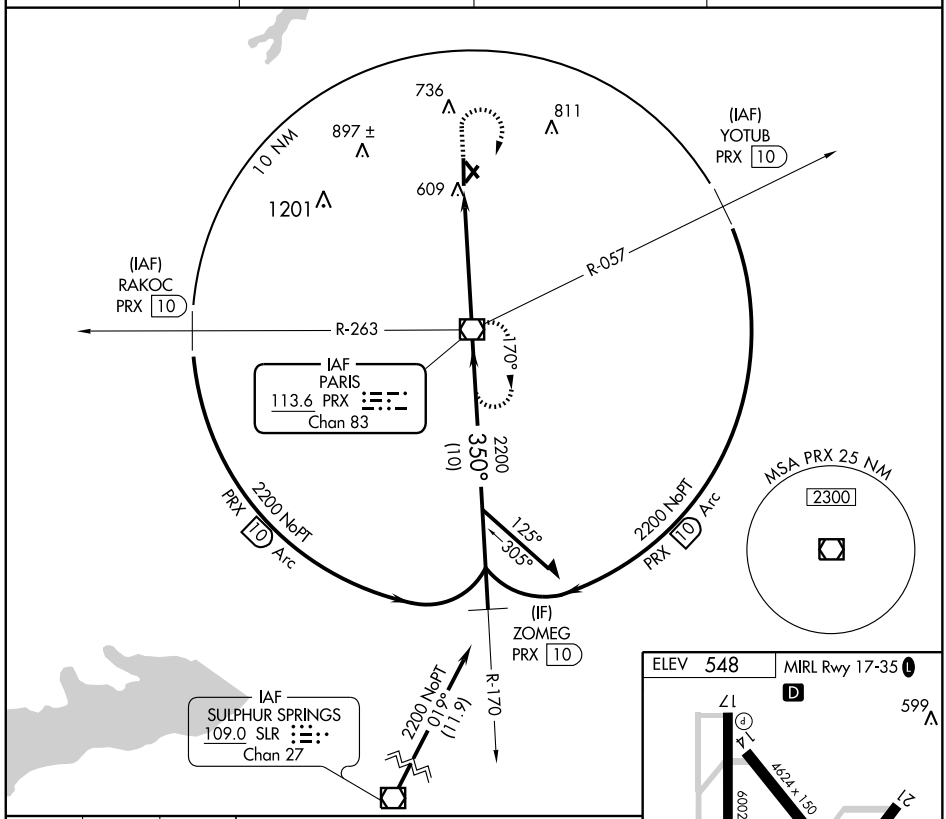
VOR RWY 35

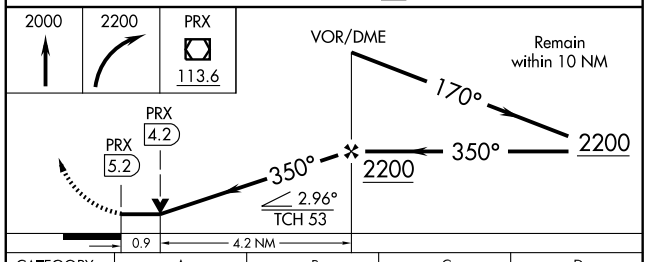
PARIS/ COX FIELD (PRX)

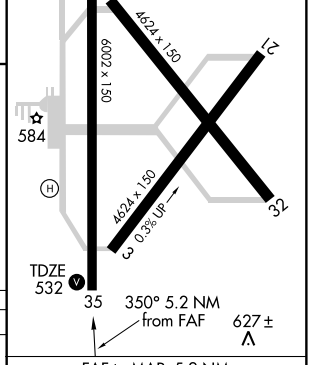
If local altimeter setting not received, use Sulphur Springs altimeter setting and increase all MDAs 80 feet. Visibility reduction by helicopters NA. VDP NA when using Sulphur Springs altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 2200 direct PRX VOR/DME.

AWOS-3	FORT WORTH CENTER	FORT WORTH RADIO	UNICOM
119.675	124.875	122.25	122.975 (CTAF) L







CATEGORY	A	B	C	D
S-35	880-1 348 (400-1)			880-1¼ 348 (400-1¼)
CIRCLING	960-1 412 (500-1)	1000-1 452 (500-1)	1000-1½ 452 (500-1½)	1100-2 552 (600-2)

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

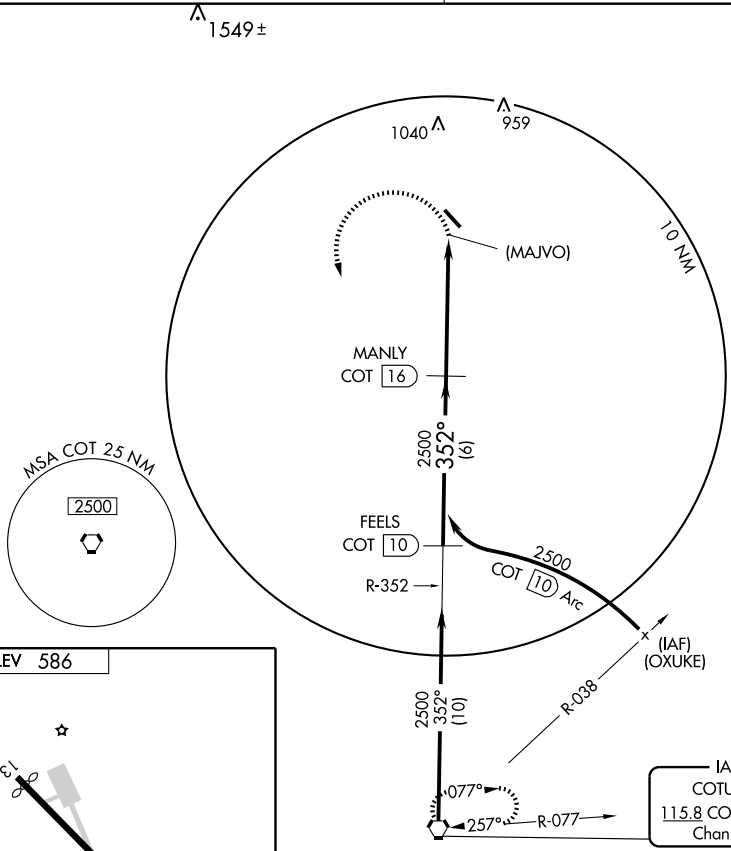
SC-2, 17 DEC 2009 to 14 JAN 2010

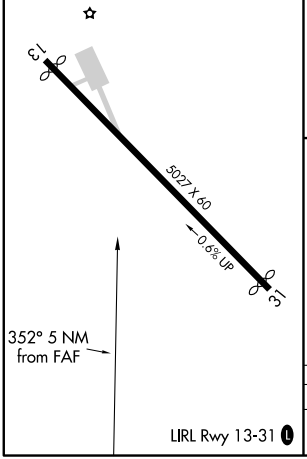
VORTAC COT 115.8 Chan 105	APP CRS 352°	Rwy Idg N/A TDZE N/A Apt Elev 586

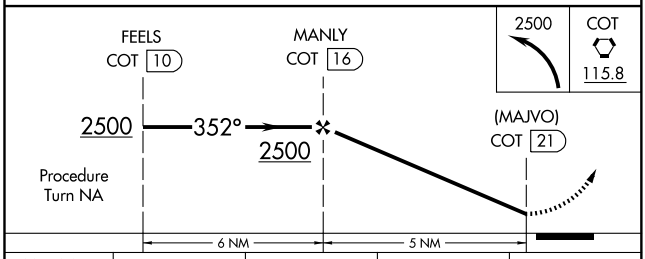
VOR/DME or GPS-A

PEARSALL/MC KINLEY FIELD (T30)

NA	Use Cotulla altimeter setting.	MISSED APPROACH: Climbing left turn to 2500 direct COT VORTAC and hold.
HOUSTON CENTER 134.6 322.5		UNICOM 122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1120-1 534 (600-1)	1120-1¼ 534 (600-1¼)	1120-1½ 534 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

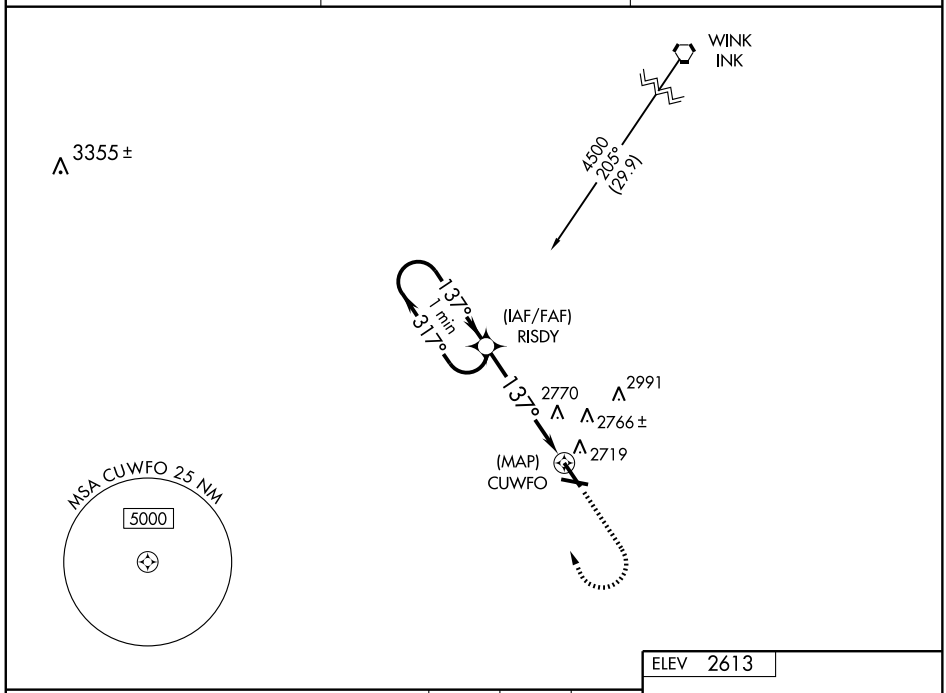
APP CRS	Rwy Idg	6236
137°	TDZE	2608
	Apt Elev	2613

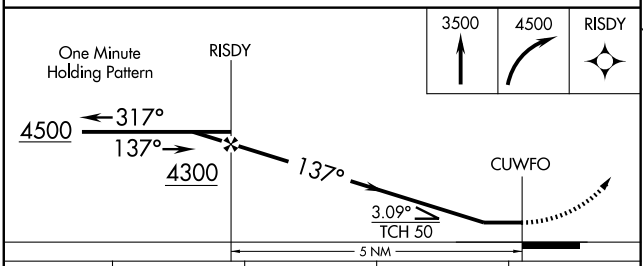
GPS RWY 14
PECOS MUNI (PEQ)

⚠ NA — Obtain local altimeter on CTAF; if not received, use Wink altimeter setting. If neither received, procedure not authorized.

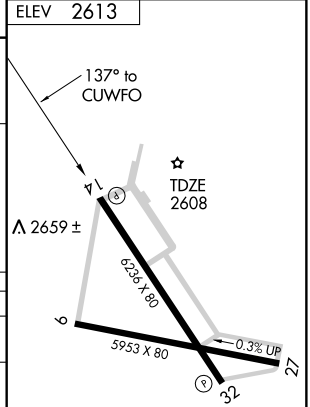
MISSED APPROACH: Climb to 3500 then climbing right turn 4500 direct RISDY and hold.

AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.175	135.875 292.15	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-14	3080-1	472 (500-1)	3080-1¼ 472 (500-1¼)	3080-1½ 472 (500-1½)
CIRCLING	3080-1	467 (500-1)	3120-1½ 507 (600-1½)	3180-2 567 (600-2)
WINK ALTIMETER SETTING MINIMUMS				
S-14	3180-1	572 (600-1)	3180-1½ 572 (600-1½)	3180-1¾ 572 (600-1¾)
CIRCLING	3180-1	567 (600-1)	3220-1¾ 607 (700-1¾)	3240-2 627 (700-2)



MIRL Rwys 9-27 and 14-32 L

SC-3, 17 DEC 2009 to 14 JAN 2010

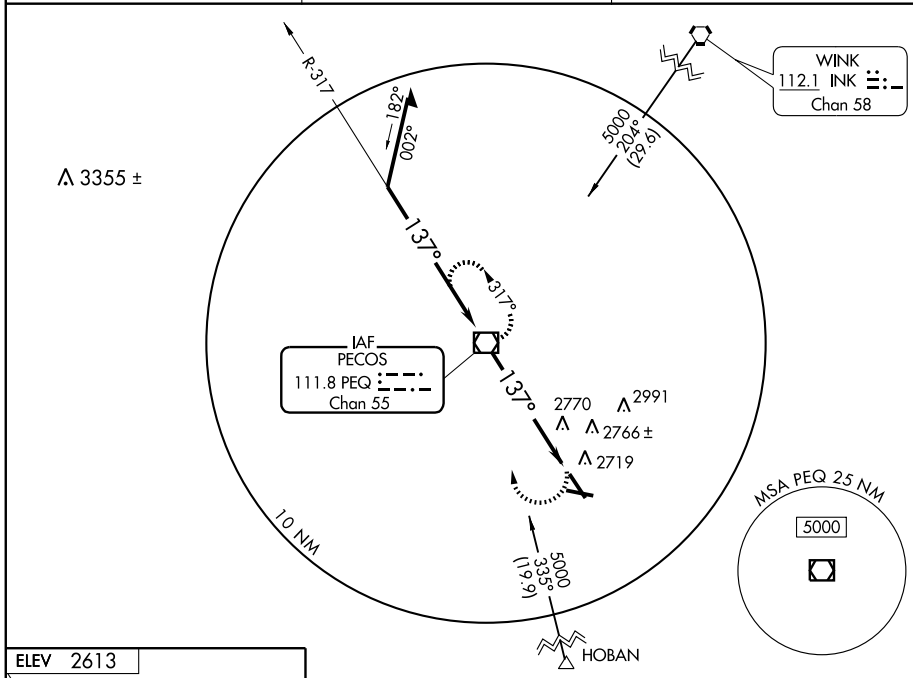
VOR/DME PEQ	APP CRS	Rwy Idg	6236
111.8	137°	TDZE	2608
Chan 55		Apt Elev	2613

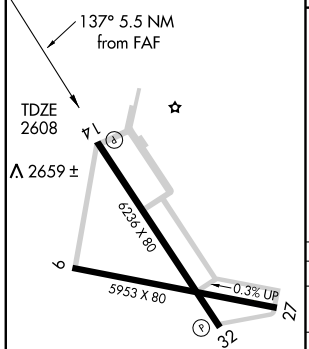
VOR RWY 14
PECOS MUNI (PEQ)

NA Obtain local altimeter on CTAF; if not received, use Wink altimeter setting.
If neither received, procedure not authorized.

MISSED APPROACH: Climbing right turn to 4500 direct PEQ VOR/DME and hold.

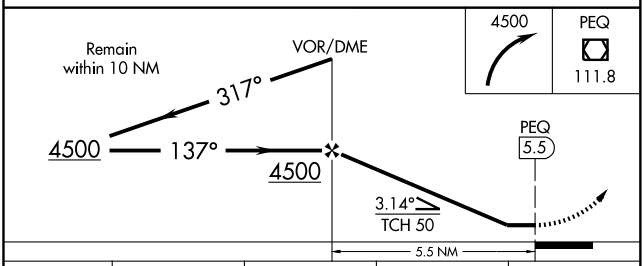
AWOS-3	ALBUQUERQUE CENTER	UNICOM
118.175	135.875 292.15	122.8 (CTAF) L





MIRL Rwys 9-27 and 14-32 L

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50



CATEGORY	A	B	C	D
S-14	3080-1	472 (500-1)	3080-1¼ 472 (500-1¼)	3080-1½ 472 (500-1½)
CIRCLING	3080-1	467 (500-1)	3120-1½ 507 (600-1½)	3180-2 567 (600-2)
WINK ALTIMETER SETTING MINIMUMS				
S-14	3180-1	572 (600-1)	3180-1½ 572 (600-1½)	3180-1¾ 572 (600-1¾)
CIRCLING	3180-1	567 (600-1)	3220-1¾ 607 (700-1¾)	3240-2 627 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

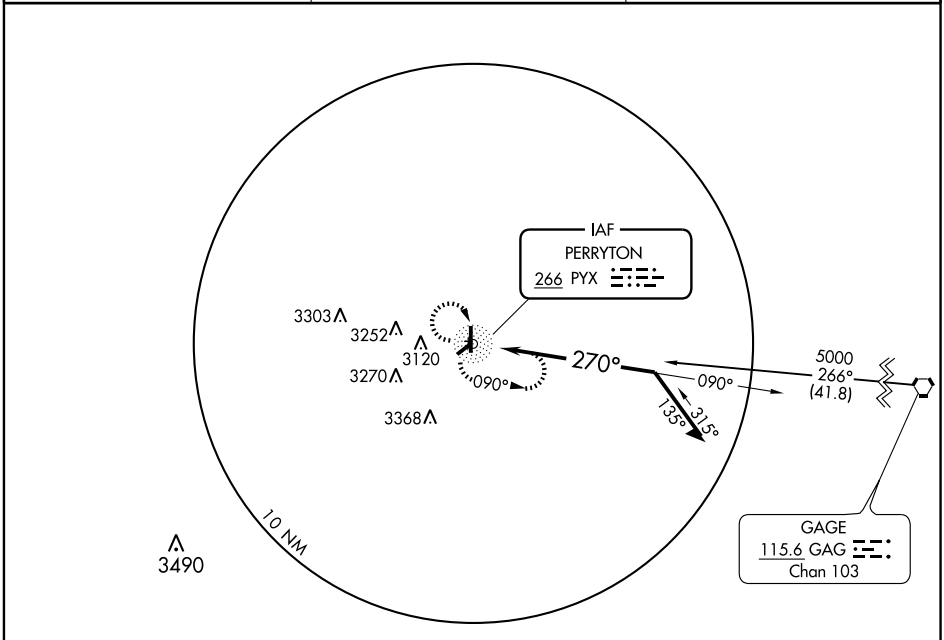
NDB PYX 266	APP CRS 270°	Rwy Idg N/A TDZE N/A Apt Elev 2915

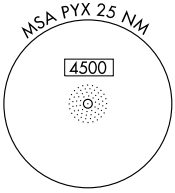
NDB or GPS-A

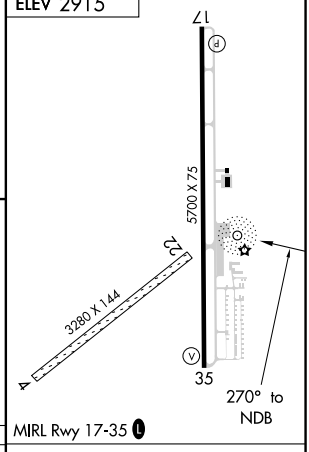
PERRYTON OCHILTREE COUNTY (PYX)

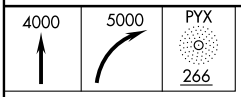
⚠ NA	Obtain local altimeter setting on UNICOM 122.8; when not available, use Gage altimeter setting and increase all MDAs 200 feet; when neither available procedure not authorized. Night minimums not authorized Rwy 4-22.	MISSED APPROACH: Climb to 4000 then climbing right turn to 5000 direct PYX NDB and hold.

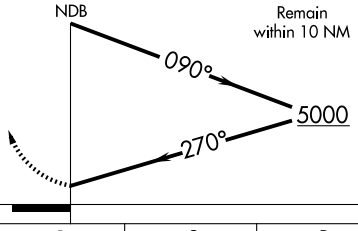
AWOS-3	KANSAS CITY CENTER	UNICOM
118.175	126.95 379.2	122.8 (CTAF) L











CATEGORY	A	B	C	D
CIRCLING	3340-1 425 (500-1)	3380-1 465 (500-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
033°	TDZE	3684
	Apt Elev	3704

RNAV (GPS) RWY 3

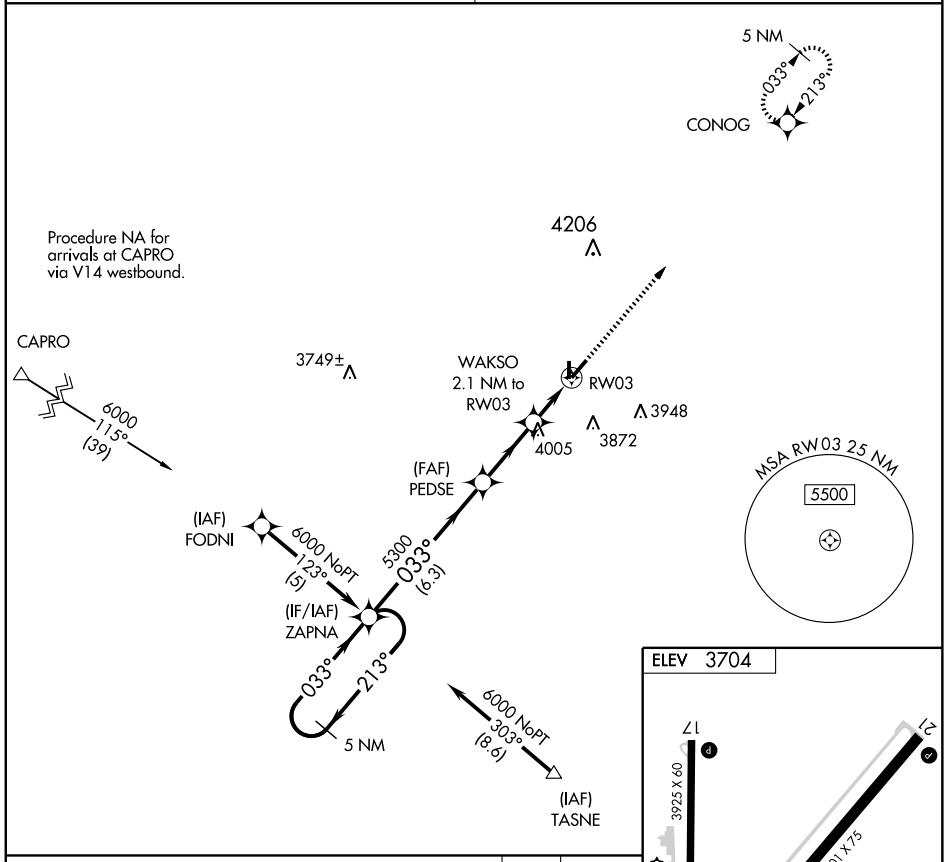
PLAINS/ YOAKUM COUNTY (F98)

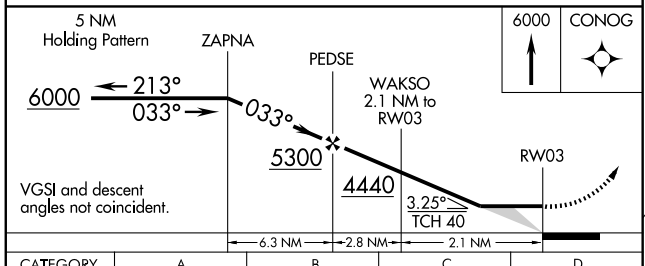
DME/DME RNP-0.3 NA. Use Hobbs altimeter setting; when not received, use Seminole altimeter setting and increase all MDA 40 feet.

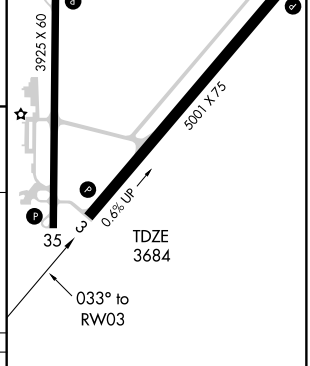
NA

MISSED APPROACH: Climb to 6000 direct CONOG and hold.

FORT WORTH CENTER	CTAF
132.6 269.05	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	4100-1	416 (400-1)	NA	
CIRCLING	4180-1	476 (500-1)	NA	

MIRL Rwy 3-21 and Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
213°	TDZE	3704
	Apt Elev	3704

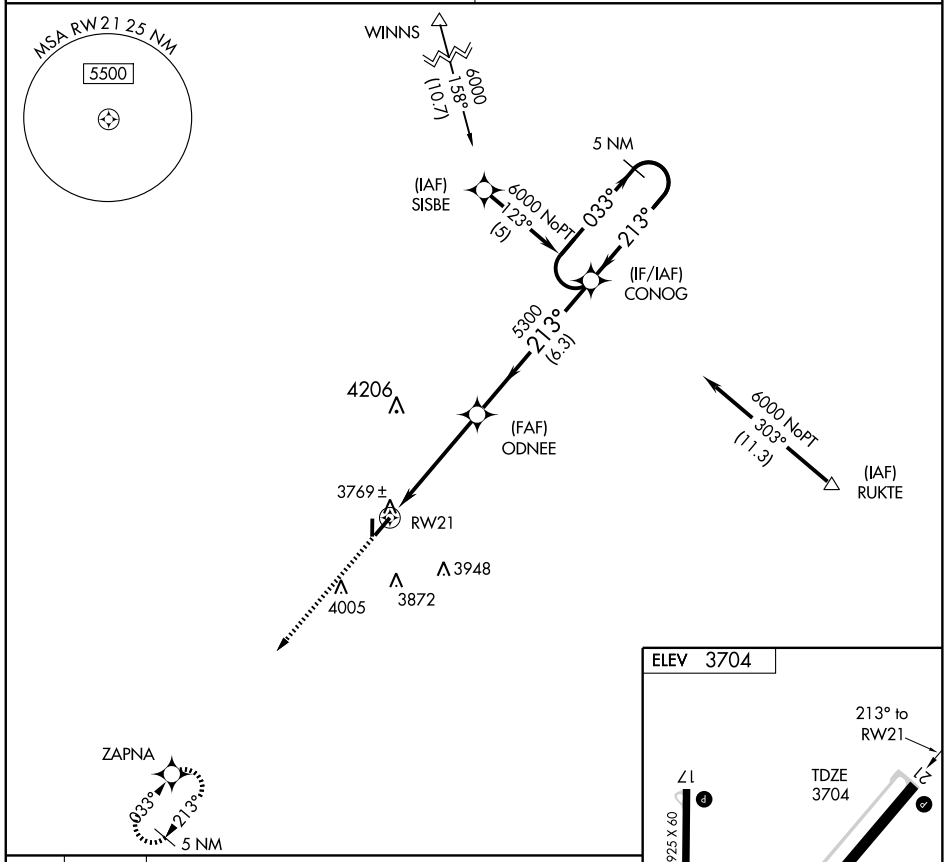
RNAV (GPS) RWY 21

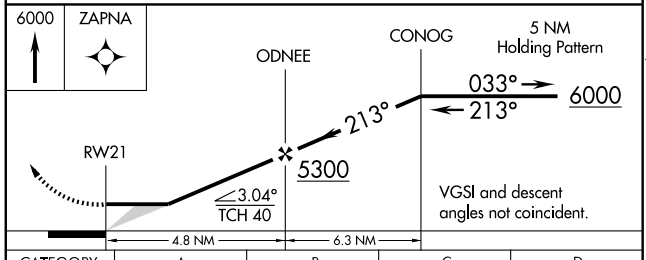
PLAINS/ YOAKUM COUNTY (F98)

DME/DME RNP-0.3 NA. Use Hobbs altimeter setting; when not received, use Seminole altimeter setting and increase all MDA 40 feet.

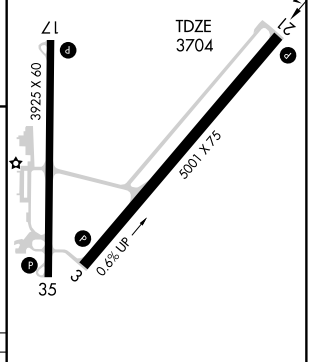
MISSED APPROACH: Climb to 6000 direct ZAPNA and hold.

FORT WORTH CENTER	CTAF
132.6 269.05	122.9 (L)





CATEGORY	A	B	C	D
LNAV MDA	4120-1	416 (500-1)	NA	
CIRCLING	4180-1	476 (500-1)	NA	



MIRL Rwy 3-21 and Rwy 17-35 (L)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 53302 W04A	APP CRS 042°	Rwy Idg 5997 TDZE 3374 Apt Elev 3374

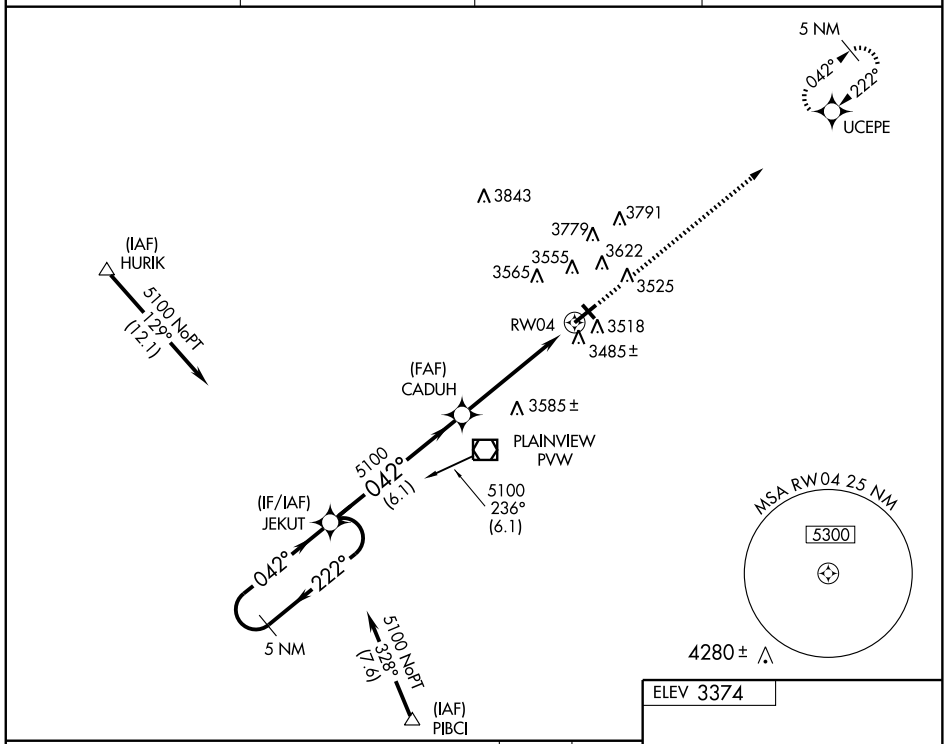
RNAV (GPS) RWY 4

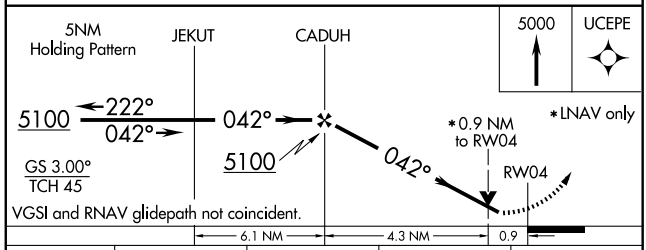
PLAINVIEW/ HALE COUNTY (PVW)

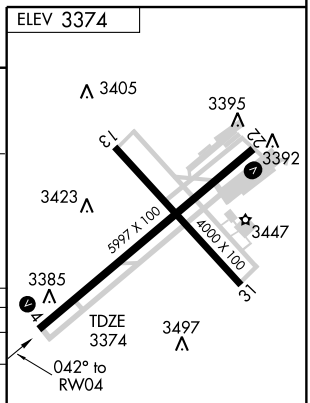
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 42°C (108°F). Visibility reduction by helicopters NA. If local altimeter setting not received, use Lubbock altimeter setting and increase all DAs/MDAs 100 feet. VDP and Baro-VNAV NA when using Lubbock altimeter setting.

MISSED APPROACH: Climb to 5000, direct UCEPE and hold.

ASOS	LUBBOCK APP CON	CLNC DEL	UNICOM
119.675	119.2 351.8	121.7	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	3624-1 250 (300-1)			
LNAV/ VNAV DA	3730-1¼ 356 (400-1¼)			
LNAV MDA	3760-1 386 (400-1)			3760-1¼ 386 (400-1¼)
CIRCLING	3920-1¼ 546 (600-1¼)	3940-1¼ 566 (600-1¼)	3940-1½ 566 (600-1½)	3940-2 566 (600-2)

LIRL Rwy 13-31 L and 4-22
REIL Rwys 4 and 22

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5997
222°	TDZE	3373
	Apt Elev	3374

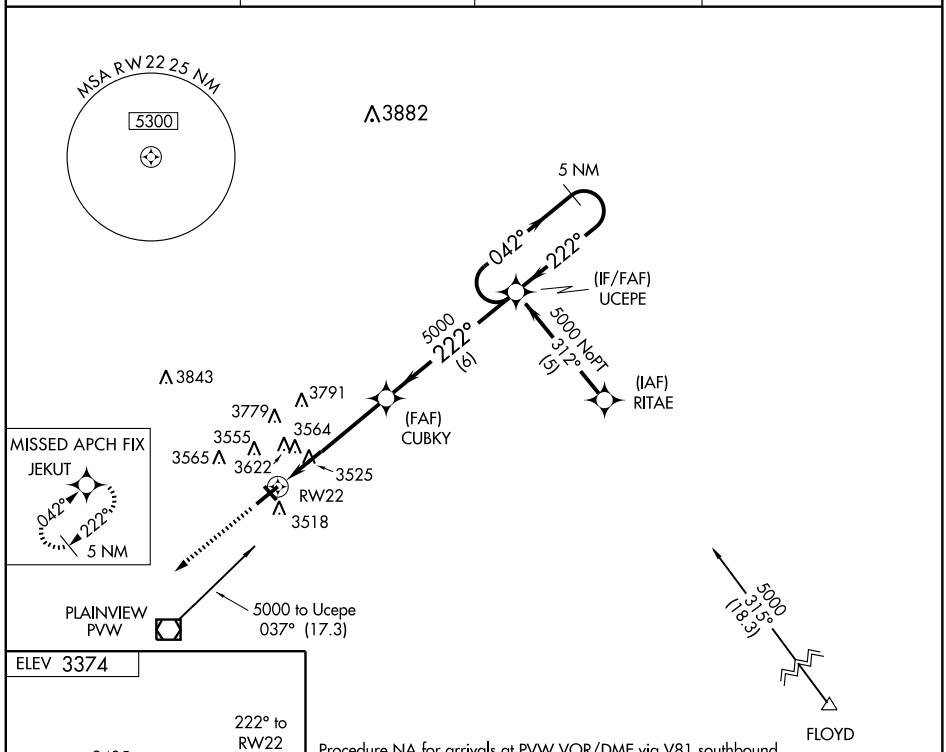
RNAV (GPS) RWY 22

PLAINVIEW/HALE COUNTY (PVW)

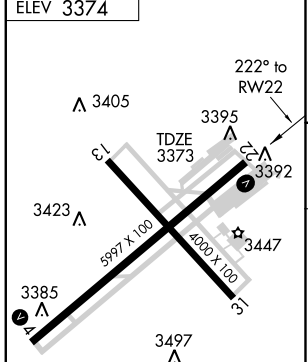
DME/DME RNP-0.3 NA. If local altimeter setting not received, use Lubbock altimeter setting and increase all MDAs 100 feet. Visibility reduction by helicopters NA.

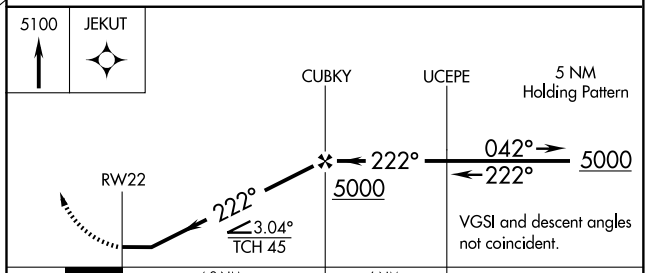
MISSED APPROACH: Climb to 5100 direct JEKUT and hold.

ASOS	LUBBOCK APP CON	CLNC DEL	UNICOM
119.675	119.2 351.8	121.7	123.0 (CTAF) L



Procedure NA for arrivals at PVW VOR/DME via V81 southbound.





CATEGORY	A	B	C	D
LNAV MDA	3820-1 447 (500-1)		3820-1¼ 447 (500-1¼)	3820-1½ 447 (500-1½)
CIRCLING	3920-1 546 (600-1)	3940-1 566 (600-1)	3940-1½ 566 (600-1½)	3940-2 566 (600-2)

LIRL Rwy 13-31 L and 4-22
REIL Rwys 4 and 22

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME PVW	APP CRS	Rwy Idg	5997
112.9	024°	TDZE	3374
Chan 76		Apt Elev	3374

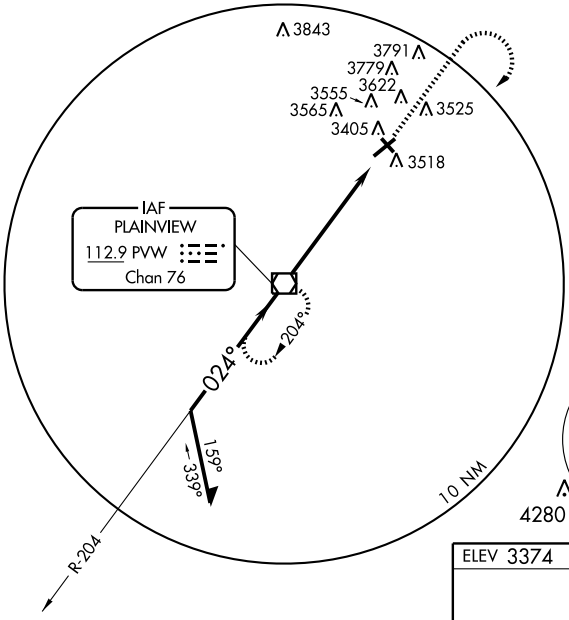
VOR RWY 4

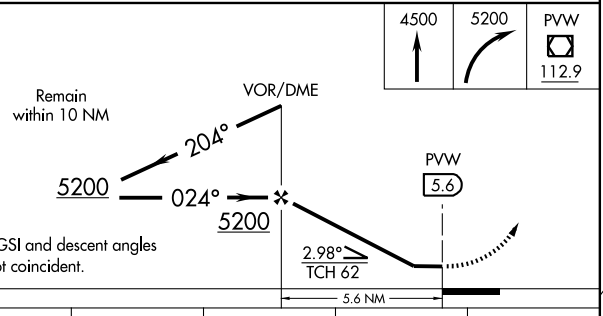
PLAINVIEW/ HALE COUNTY (PVW)

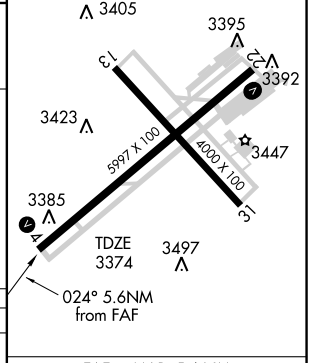
NA

MISSED APPROACH: Climb to 4500, then climbing right turn to 5200 direct PVW VOR/DME and hold.

ASOS	LUBBOCK APP CON	CLNC DEL	UNICOM
119.675	119.2 351.8	121.7	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-4	3840-1 466 (500-1)		3840-1¼ 466 (500-1¼)	3840-1½ 466 (500-1½)
CIRCLING	3860-1 486 (500-1)	3940-1 566 (600-1)	3940-1½ 566 (600-1½)	3940-2 566 (600-2)

FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

SC-2, 17 DEC 2009 to 14 JAN 2010

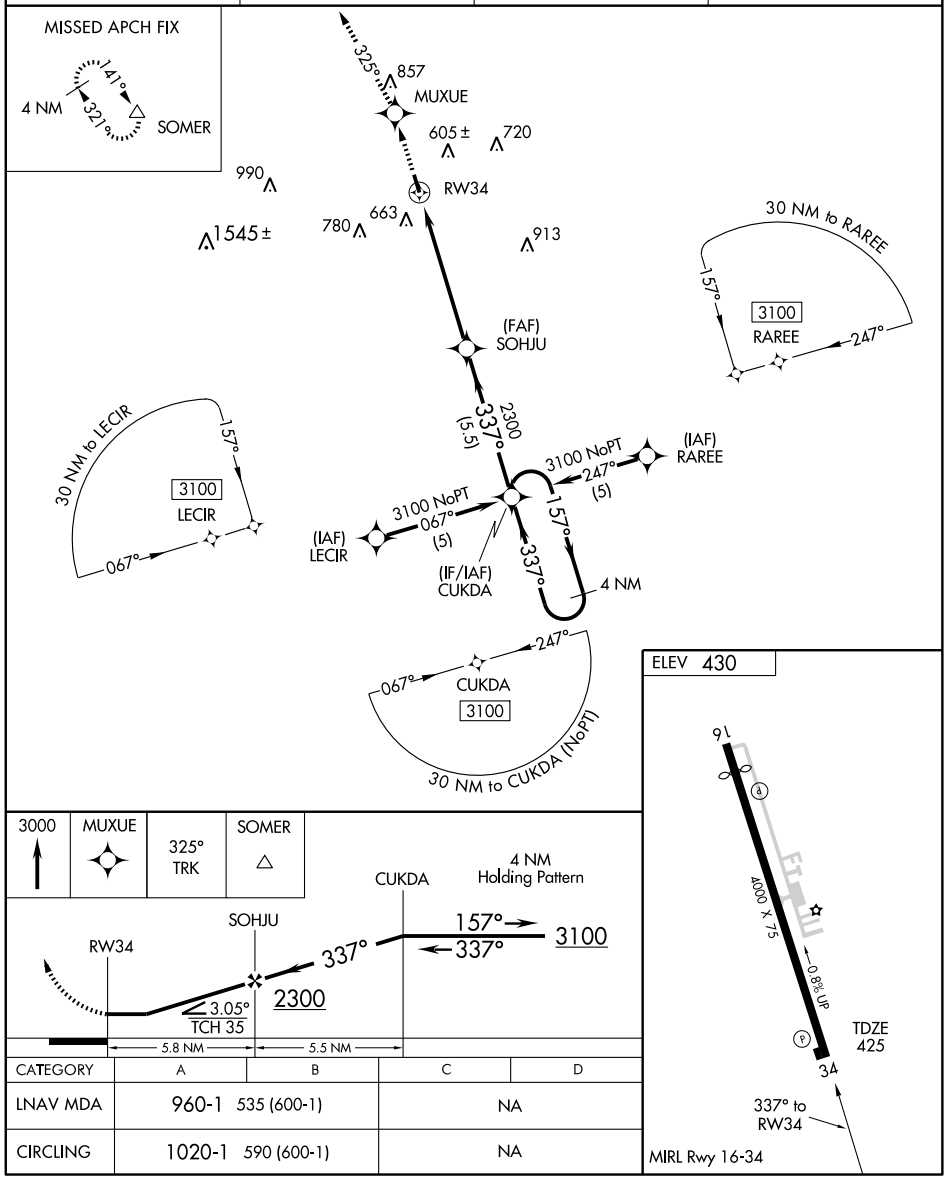
APP CRS	Rwy Idg	4000
337°	TDZE	425
	Apt Elev	430

RNAV (GPS) RWY 34
PLEASANTON MUNI (PEZ)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Lackland AFB altimeter setting and increase all MDA 100 feet.

MISSED APPROACH: Climb to 3000 direct MUXUE and via 325° track to SOMER and hold.

AWOS-3	SAN ANTONIO APP CON	CLNC DEL	UNICOM
118.575	118.05 353.5	126.55	122.7 (CTAF)



CATEGORY	A	B	C	D
LNAV MDA	960-1 535 (600-1)		NA	
CIRCLING	1020-1 590 (600-1)		NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3482
CH 99500	120°	TDZE	5
W12A		Apt Elev	5

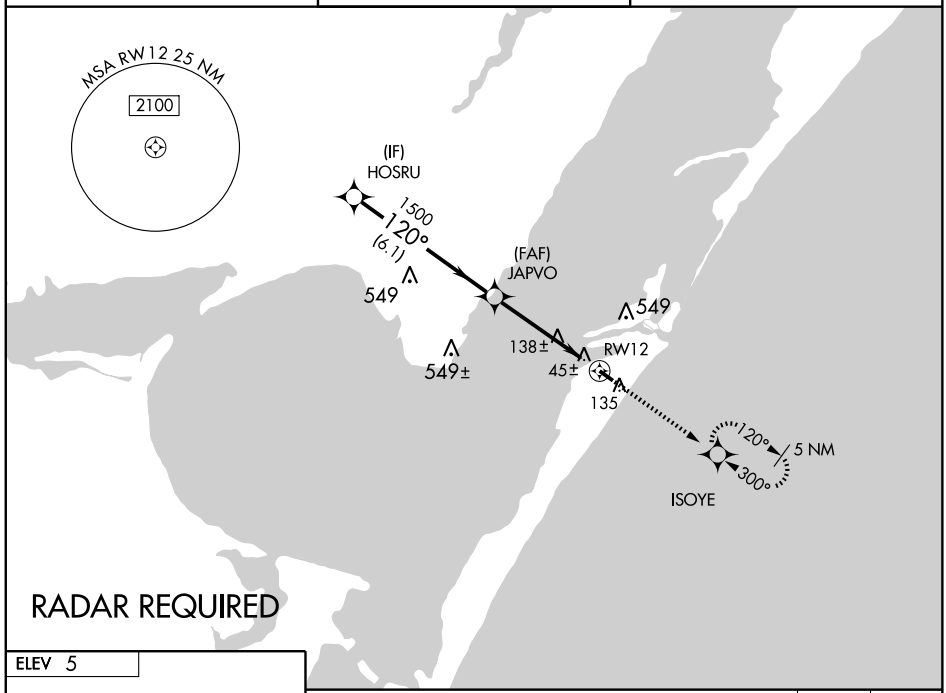
RNAV (GPS) RWY 12

PORT ARANSAS/MUSTANG BEACH (RAS)

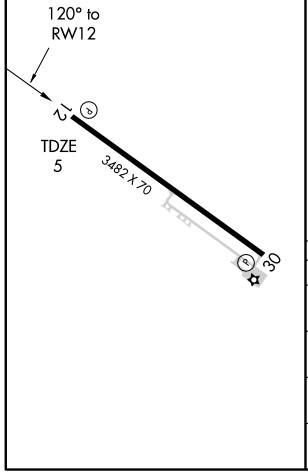
T DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 154°C (310°F). If local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase all DAs/MDAs 60 feet.
A Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting.
W

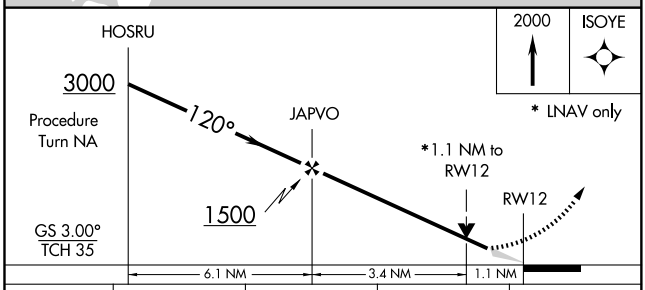
MISSED APPROACH: Climb to 2000 direct ISOYE and hold.

AWOS-3	CORPUS CHRISTI APP CON	CTAF
118.425	125.4 307.9	122.9



ELEV 5





CATEGORY	A	B	C	D
LPV DA	276-1 271 (300-1)		NA	
LNAV/VNAV DA	435-1½ 430 (500-1½)		NA	
LNAV MDA	400-1 395 (400-1)		NA	
CIRCLING	500-1½ 495 (500-1½)		NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	3482
CH 63000	300°	TDZE	5
W30A		Apt Elev	5

RNAV (GPS) RWY 30

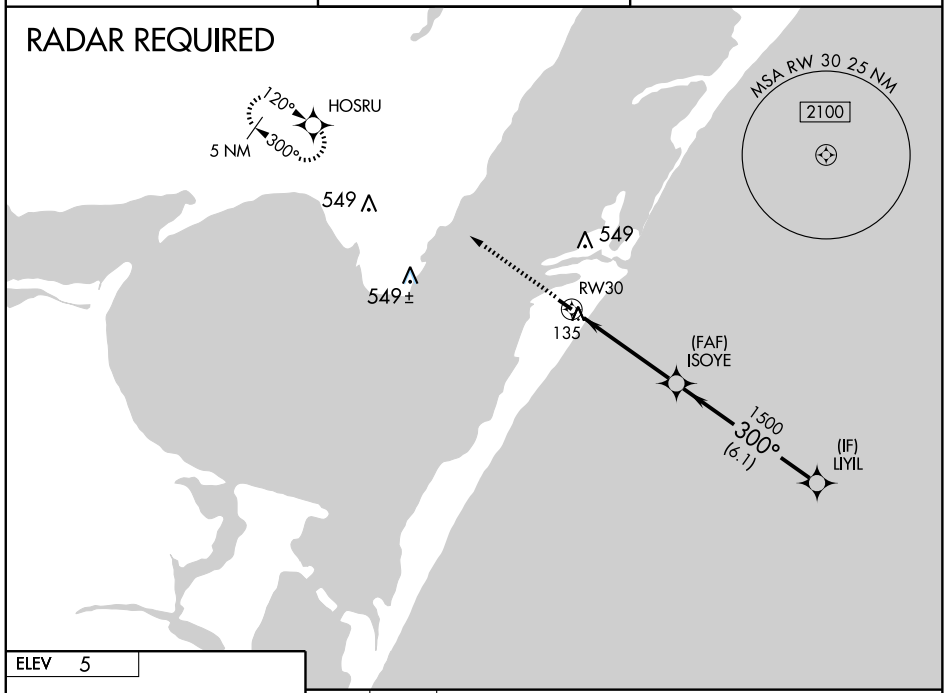
PORT ARANSAS/MUSTANG BEACH (RAS)

DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 154°C (310°F). If local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Corpus Christi Intl altimeter setting.

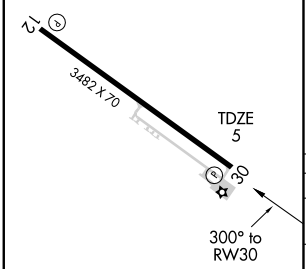
MISSED APPROACH: Climb to 2000 direct HOSRU and hold.

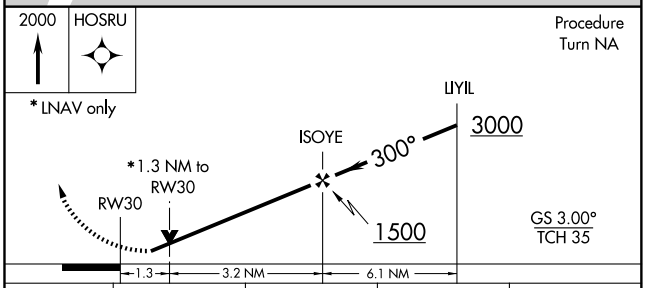
AWOS-3	CORPUS CHRISTI APP CON	CTAF
118.425	125.4 307.9	122.9

RADAR REQUIRED



ELEV 5





CATEGORY	A	B	C	D
LPV DA	362-1¼ 357 (400-1¼)		NA	
LNAV/VNAV DA	435-1½ 430 (500-1½)		NA	
LNAV MDA	440-1 435 (500-1)		NA	
CIRCLING	500-1½ 495 (500-1½)		NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	8001
CH 53708	130°	TDZE	18
W13A		Apt Elev	19

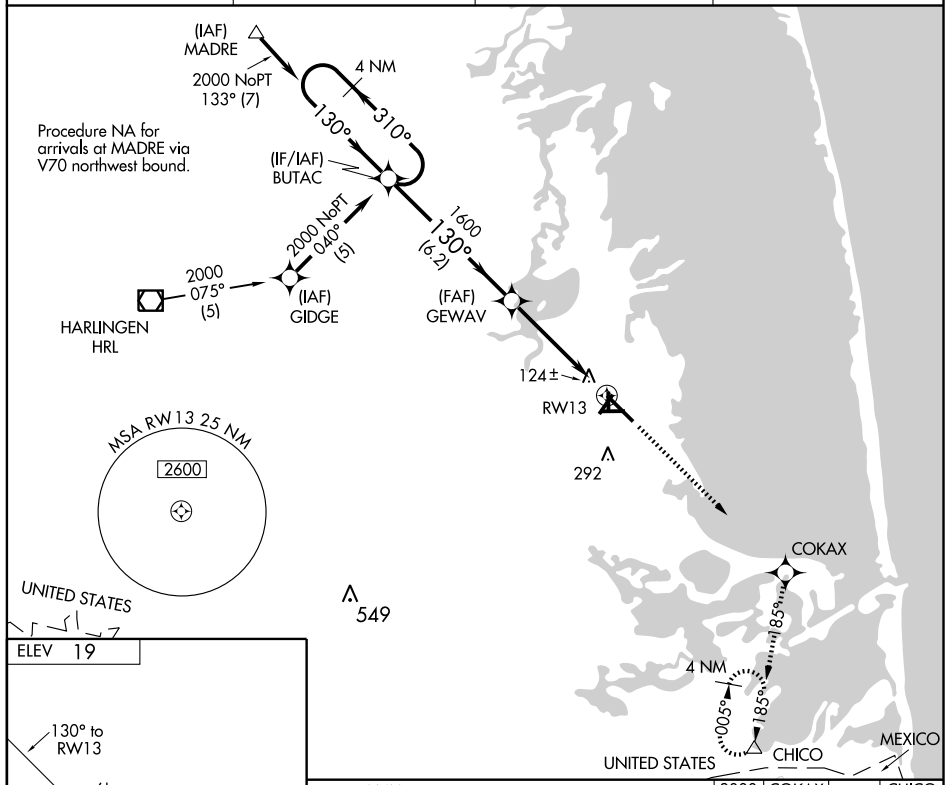
RNAV (GPS) RWY 13

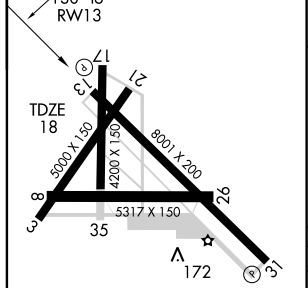
PORT ISABEL-CAMERON COUNTY (PIL)

Baro-VNAV NA when using Brownsville altimeter setting . For uncompensated Baro-VNAV systems, LNAV-VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP NA when using Brownsville altimeter setting. When local altimeter setting not received, use Brownsville altimeter setting and increase all DA 38 feet and all MDA 40 feet, increase LPV all Cats, LNAV Cat C, and circling Cat C visibility ¼ mile.

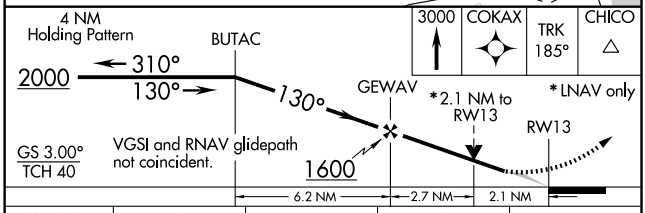
MISSED APPROACH: Climb to 3000 direct COKAX and via 185° track to CHICO and hold.

ASOS	VALLEY APP CON	CLNC DEL	UNICOM
118.525	119.5 257.6	119.2	122.8 (CTAF)





REIL Rwys 13 and 31
MIRL Rwy 13-31



CATEGORY	A	B	C	D
LPV DA	376-1¼ 358 (400-1¼)			NA
LNAV/VNAV DA	424-1½ 406 (500-1½)			NA
LNAV MDA	480-1 462 (500-1)		480-1¼ 462 (500-1¼)	NA
CIRCLING	540-1 521 (600-1)	540-1 521 (600-1)	660-1¾ 641 (700-1¾)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC BRO 116.3 Chan 110	APP CRS 357°	Rwy Idg N/A TDZE N/A Apt Elev 19

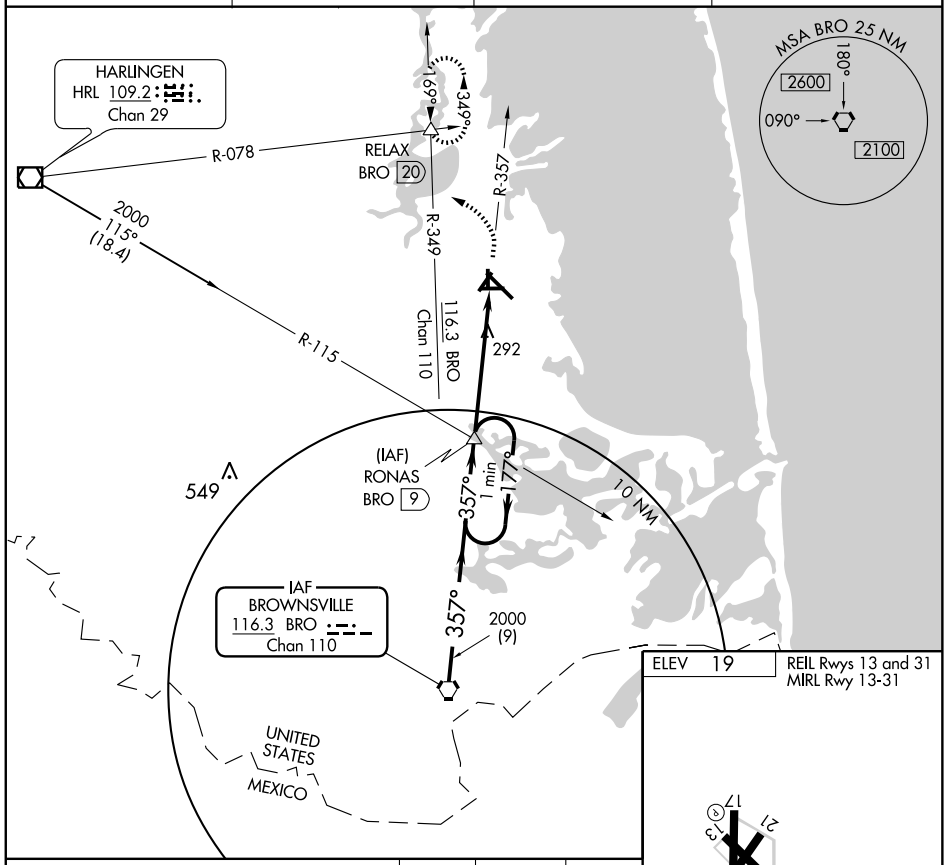
VOR-A

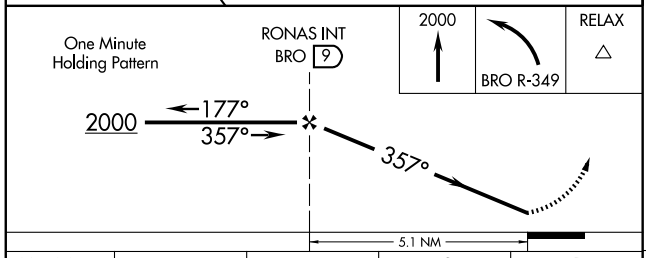
PORT ISABEL-CAMERON COUNTY (PIL)

T
A NA

MISSED APPROACH: Climb to 2000 then turn left via BRO R-349 to RELAX Int/BRO 20 DME and hold.

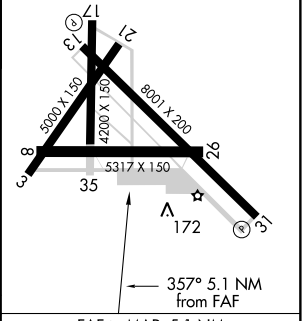
ASOS	VALLEY APP CON	CLNC DEL	UNICOM
118.525	119.5 257.6	119.2	122.8 (CTAF)





ELEV 19

REIL Rwys 13 and 31
MIRL Rwy 13-31



CATEGORY	A	B	C	D
CIRCLING	600-1 581 (600-1)		660-1¾ 641 (700-1¾)	NA

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC BRO 116.3 Chan 110	APP CRS 176°	Rwy Idg N/A TDZE N/A Apt Elev 19

VOR/DME-B

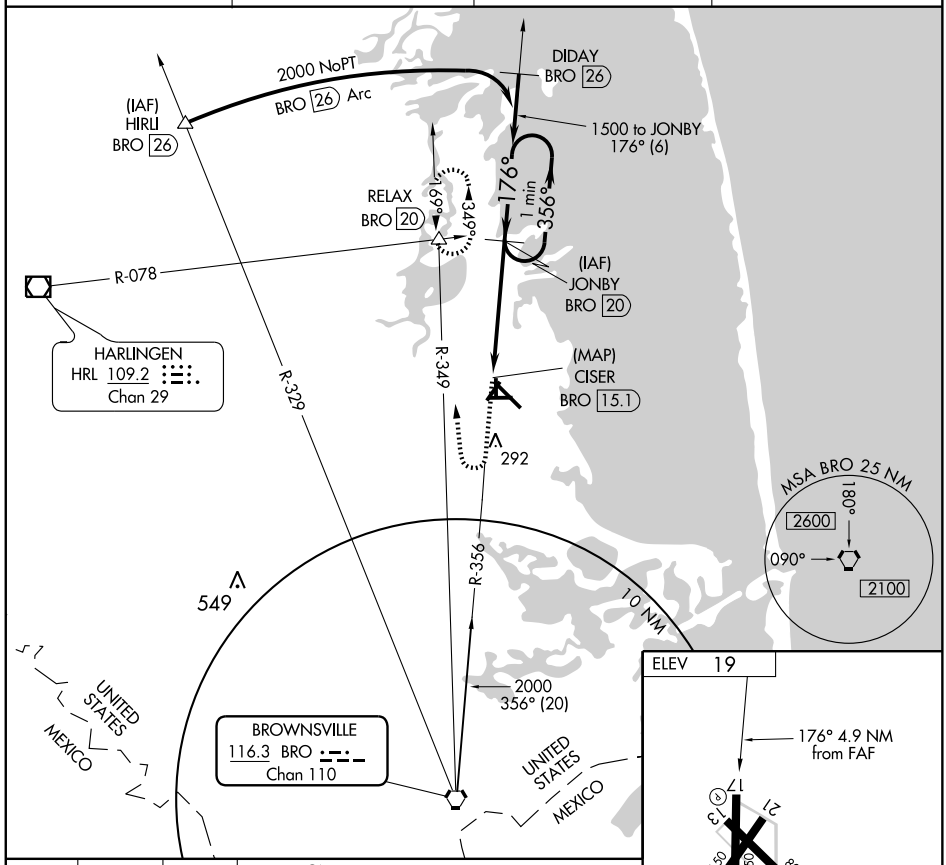
PORT ISABEL-CAMERON COUNTY (PIL)

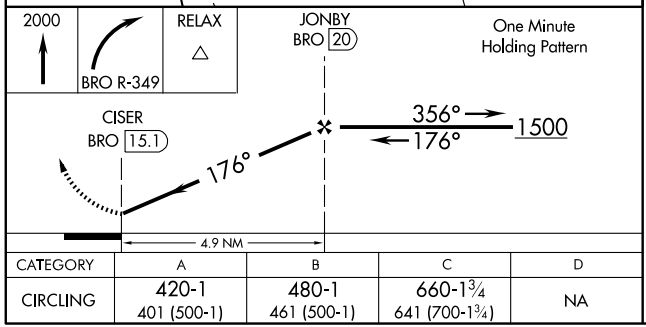
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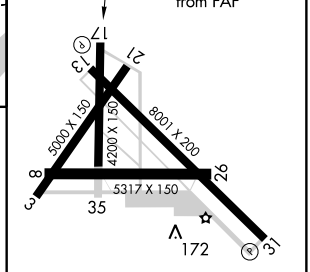
NA

MISSED APPROACH: Climb to 2000 then right turn via BRO R-349 to RELAX Int/BRO 20 DME and hold.

ASOS	VALLEY APP CON	CLNC DEL	UNICOM
118.525	119.5 257.6	119.2	122.8 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	420-1 401 (500-1)	480-1 461 (500-1)	660-1¾ 641 (700-1¾)	NA

REIL Rwys 13 and 31
MIRL Rwy 13-31

SC-3, 17 DEC 2009 to 14 JAN 2010

PORT LAVACA, TEXAS

AL-5904 (FAA)

APP CRS	Rwy ldg	5004
139°	TDZE	30
	Apt Elev	30

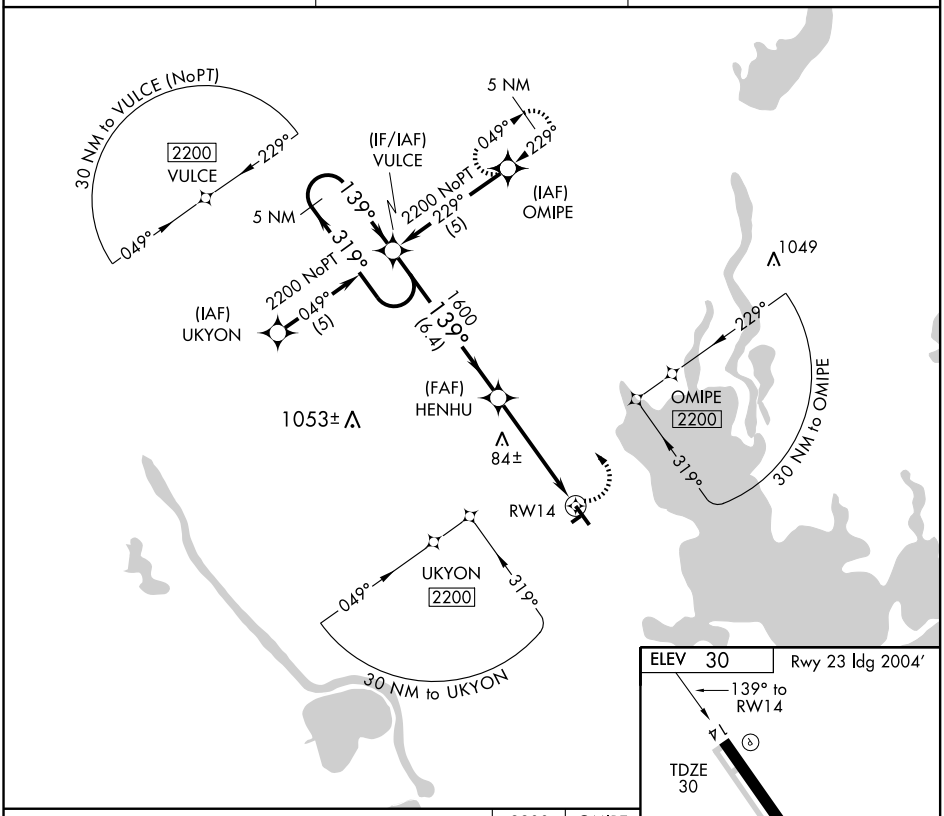
RNAV (GPS) RWY 14

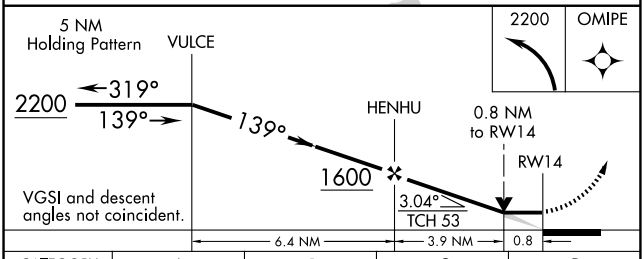
PORT LAVACA/CALHOUN COUNTY (PKV)

If local altimeter setting not received, use Victoria Rgnl altimeter setting and increase all MDAs 60 feet. VDP NA with Victoria Rgnl altimeter setting. DME/DME RNP-0.3 NA.

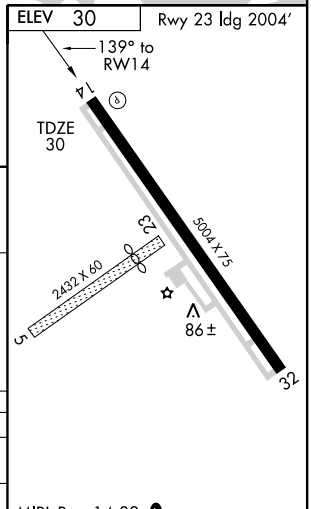
MISSED APPROACH: Climbing left turn to 2200 direct OMIPE and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.275	128.15 350.3	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	440-1	410 (500-1)	440-1¼ 410 (500-1¼)	NA
CIRCLING	480-1	450 (500-1)	480-1½ 450 (500-1½)	NA



MIRL Rwy 14-32 L

SC-5, 17 DEC 2009 to 14 JAN 2010

PORT LAVACA, TEXAS

AL-5904 (FAA)

VORTAC PSX	APP CRS	Rwy Idg	N/A
117.3	244°	TDZE	N/A
Chan 120		Apt Elev	30

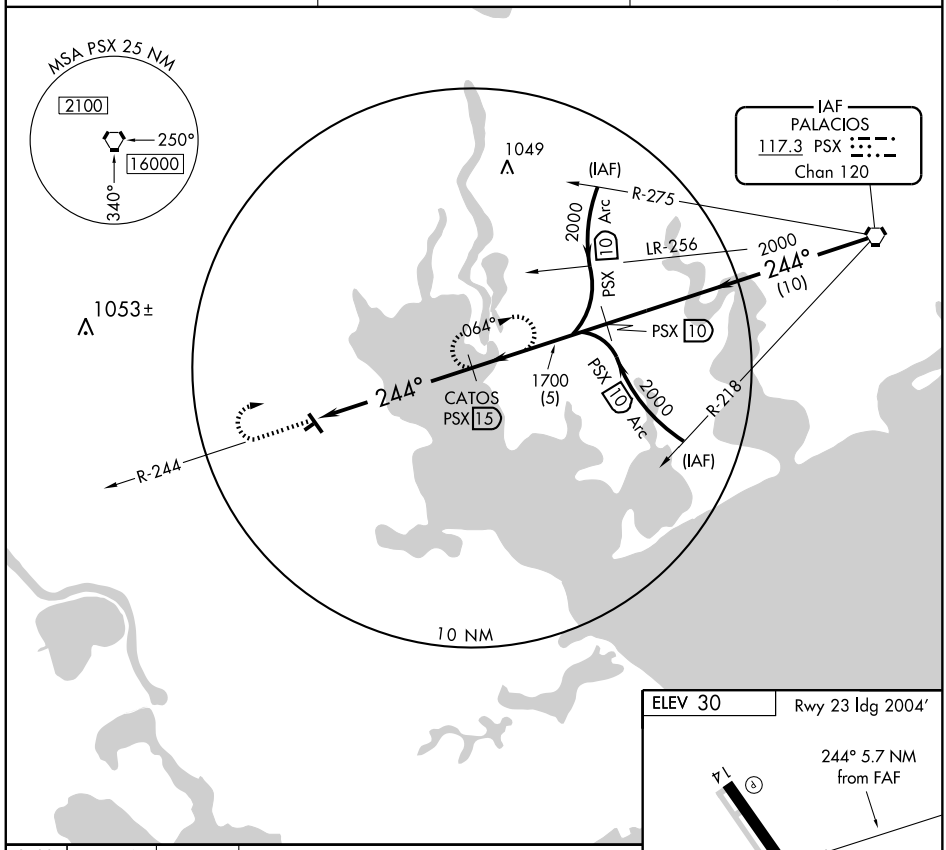
VOR/DME-A

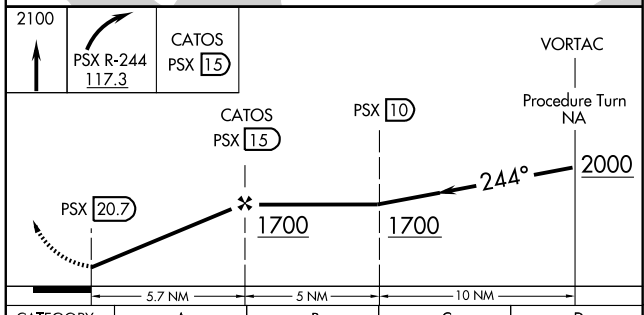
PORT LAVACA/CALHOUN COUNTY (PKV)

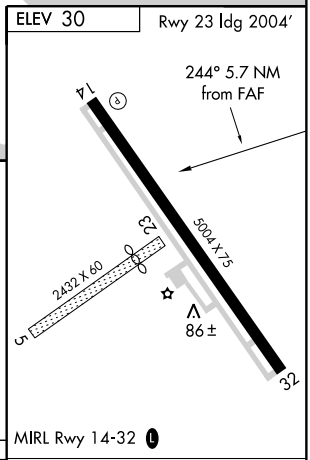
NA Use Victoria Rgnl altimeter setting.

MISSED APPROACH: Climb to 2100, then right turn via PSX VORTAC R-244 to CATOS/PSX 15 DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.275	128.15 350.3	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	760-1 730 (800-1)	760-1¼ 730 (800-1¼)	760-2 730 (800-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-5, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3700
129°	TDZE	79
	Apt Elev	79

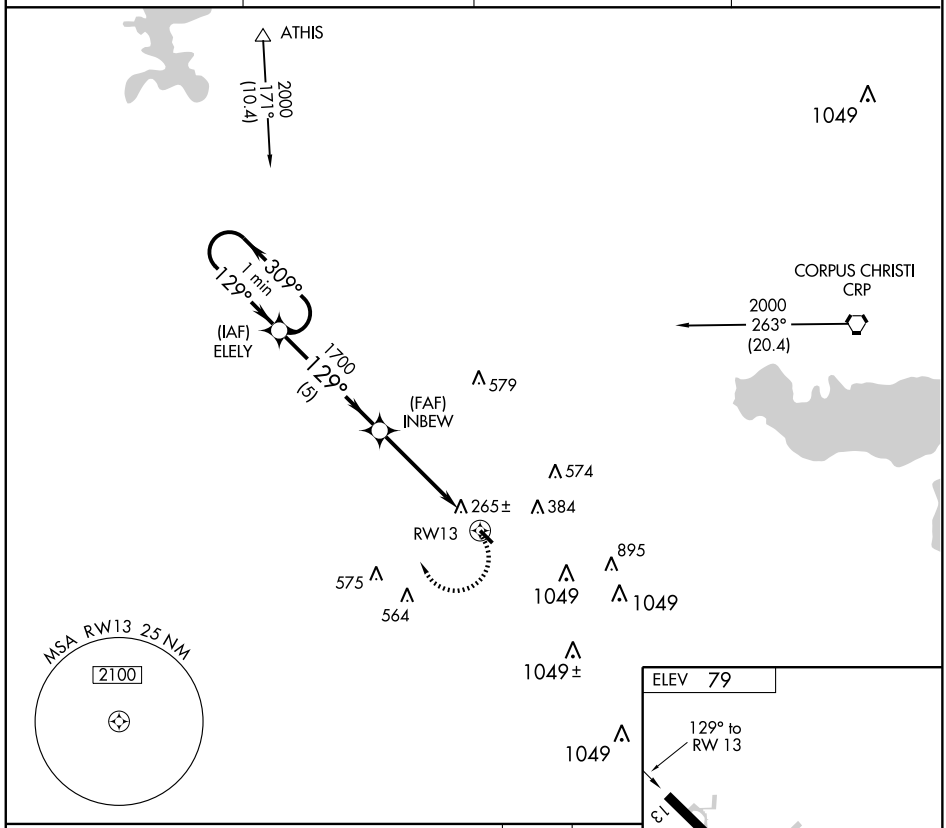
GPS RWY 13

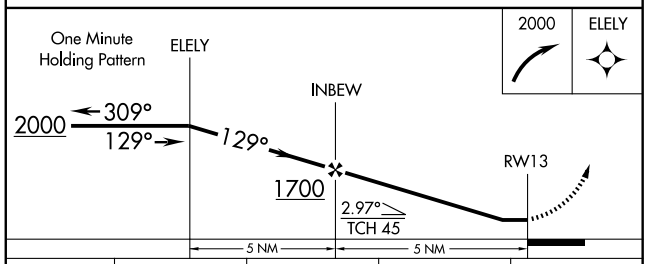
ROBSTOWN/NUECES COUNTY (RBO)

Use Corpus Christi altimeter setting.
Circling not authorized northeast of Rwy 13-31.

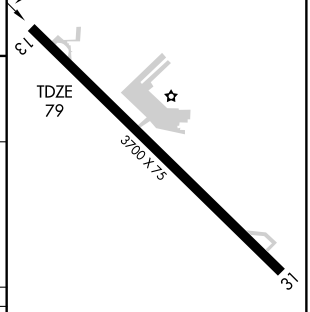
MISSED APPROACH: Climbing right turn to 2000 direct ELELY and hold.

AWOS-3	KINGSVILLE APP CON ★	CTAF	122.8 L
118.175	119.9 290.45	122.9	





2000	ELELY



CATEGORY	A	B	C	D
S-13	600-1	521 (600-1)	600-1½ 521 (600-1½)	NA
CIRCLING	660-1	581 (600-1)	660-1½ 581 (600-1½)	NA

MIRL Rwy 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CRP	APP CRS	Rwy Idg	N/A
115.5	051°	TDZE	N/A
Chan 102		Apt Elev	79

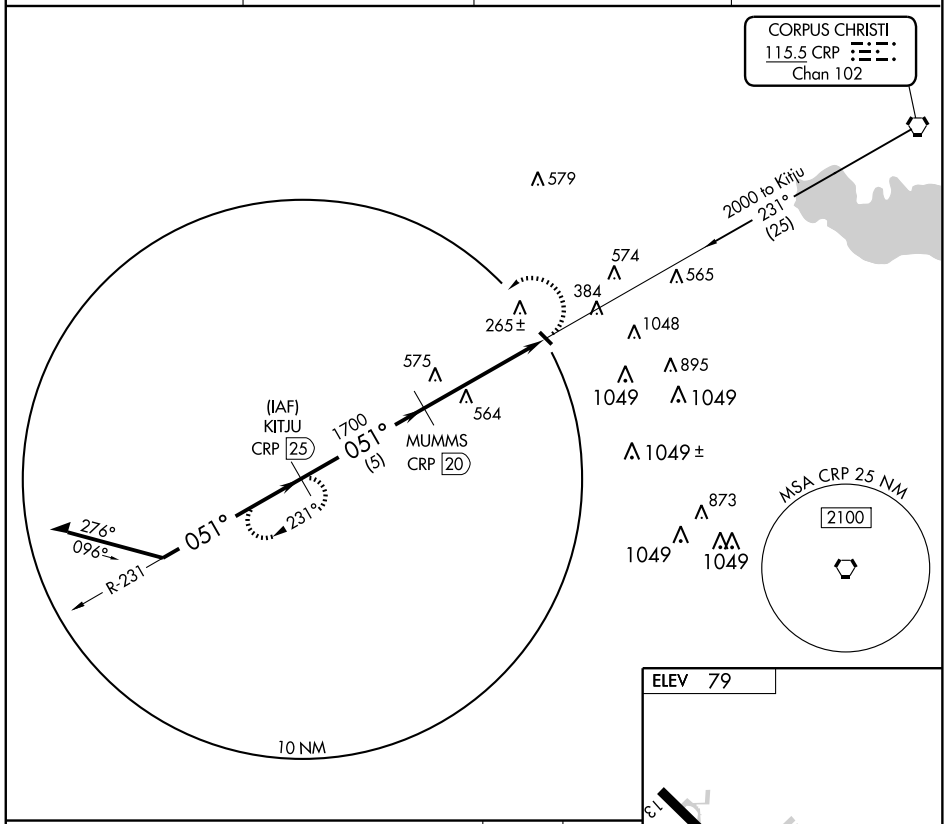
VOR/DME-A

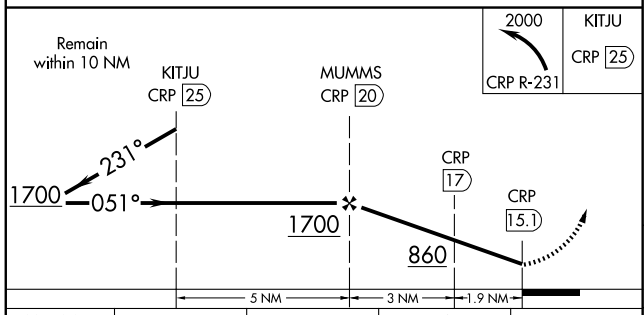
ROBSTOWN/NUECES COUNTY (RBO)

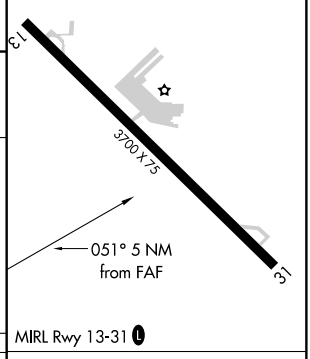
Use Corpus Christi altimeter setting.
NA Circling not authorized northeast of Rwy 13-31

MISSED APPROACH: Climbing left turn to 2000 via CRP R-231 to KITJU/CRP 25 DME and hold.

AWOS-3	KINGSVILLE APP CON ★	CTAF	122.8 L
118.175	119.9 290.45	122.9	







CATEGORY	A	B	C	D
CIRCLING	660-1	581 (600-1)	NA	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB RKP	APP CRS	Rwy Idg	5608
391	128°	TDZE	21
		Apt Elev	24

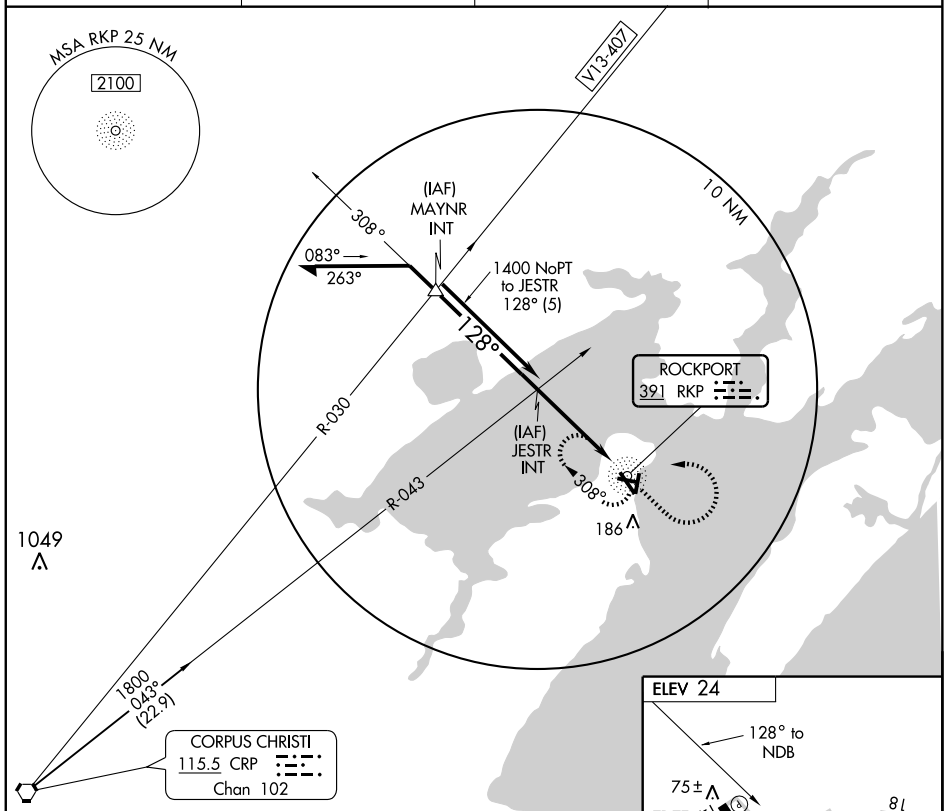
NDB RWY 14

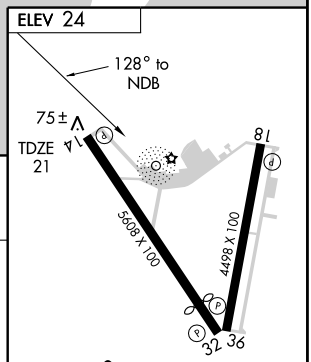
ROCKPORT/ARANSAS COUNTY (RKP)

NA

MISSED APPROACH: Climb to 1400 then left climbing turn to 1800 direct RKP NDB and hold.

ASOS	CORPUS APP CON	CLNC DEL	UNICOM
119.275	120.9 348.725	121.7	123.05 (CTAF) L

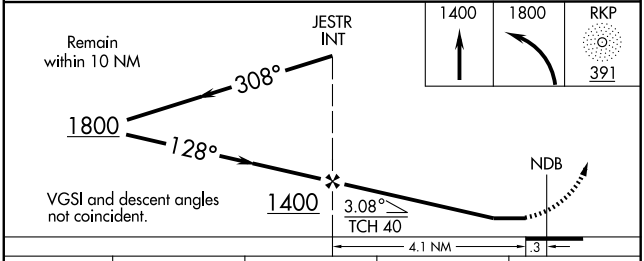




REIL Rwy 14 L

MIRL Rwy 14-32 L

MIRL Rwy 18-36



CATEGORY	A	B	C	D
S-14	420-1 399 (400-1)			NA
CIRCLING	520-1 496 (500-1)		520-1½ 496 (500-1½)	NA

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5608
139°	TDZE	21
	Apt Elev	24

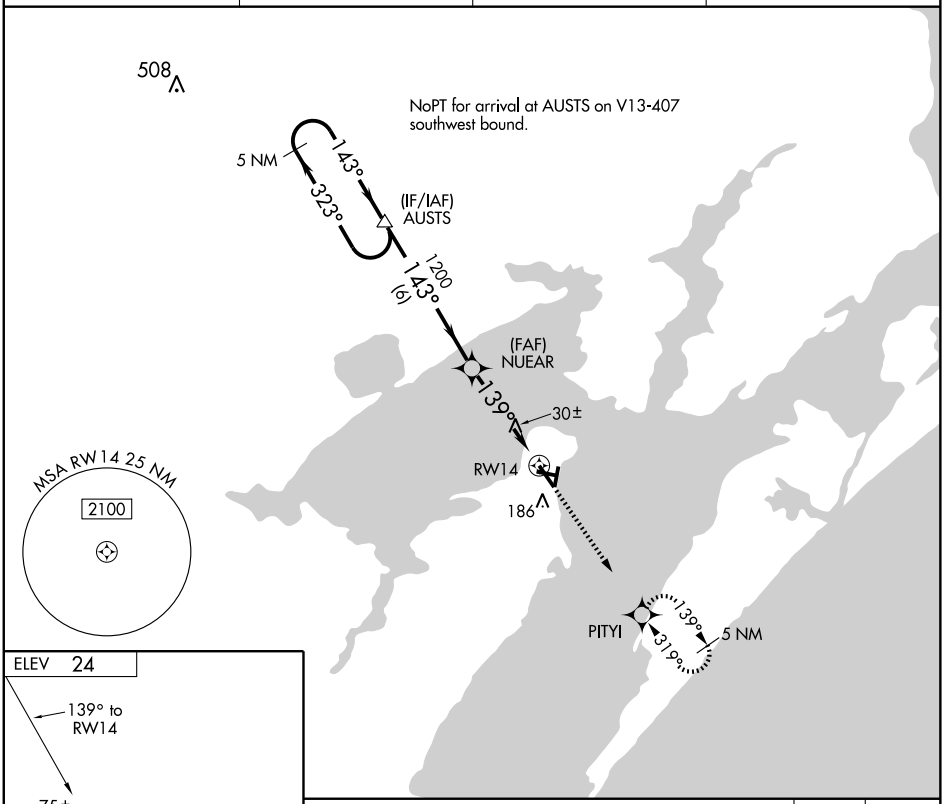
RNAV (GPS) RWY 14

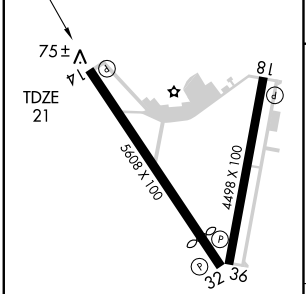
ROCKPORT/ARANSAS COUNTY (RKP)

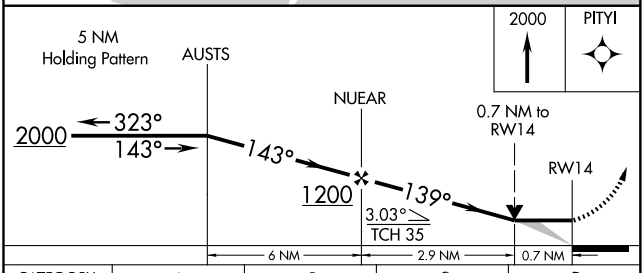
If local altimeter setting not received, use Corpus Christi Intl altimeter setting and increase all MDAs 80 feet. VDP NA when using Corpus Christi Intl altimeter setting. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct PITYI and hold.

ASOS	CORPUS APP CON	CLNC DEL	UNICOM
119.275	120.9 348.725	121.7	123.05 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	280-1 259 (300-1)			NA
CIRCLING	540-1 516 (600-1)		540-1½ 516 (600-1½)	NA

REIL Rwy 14 L
MIRL Rwy 14-32 L
MIRL Rwy 18-36

SC-3, 17 DEC 2009 to 14 JAN 2010

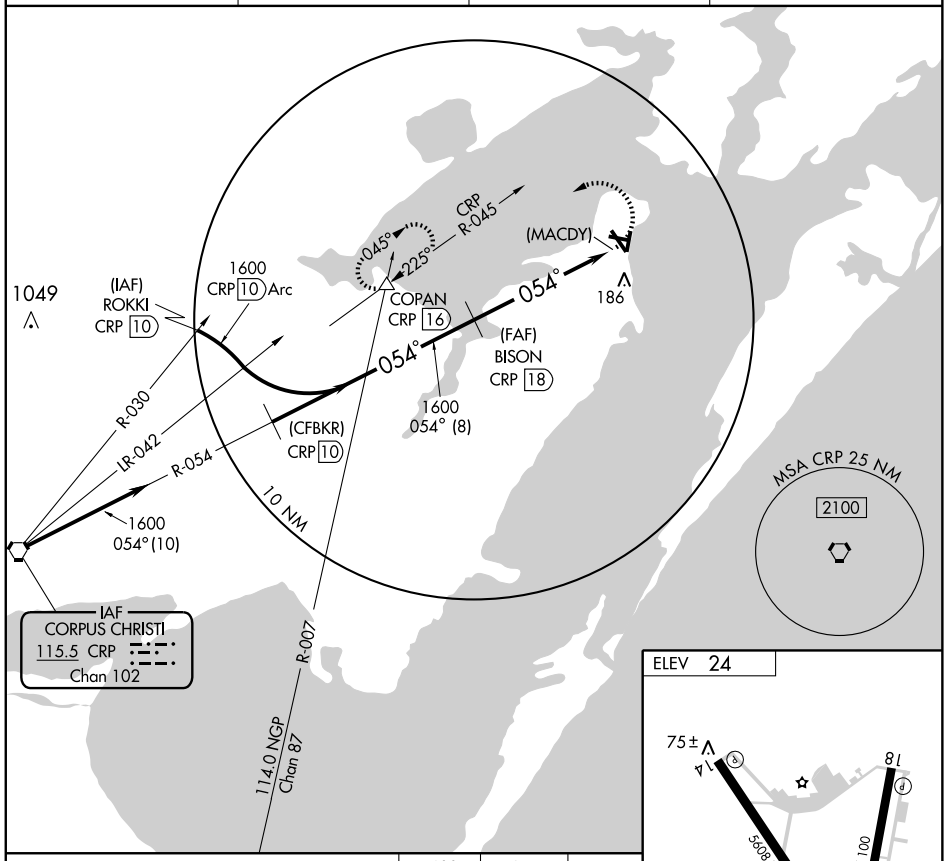
VORTAC CRP 115.5 Chan 102	APP CRS 054°	Rwy Idg N/A TDZE N/A Apt Elev 24

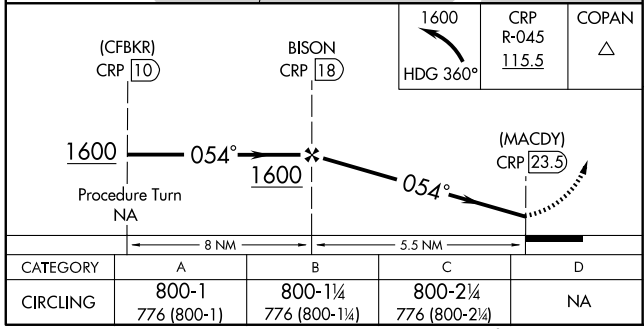
VOR/DME or TACAN-A

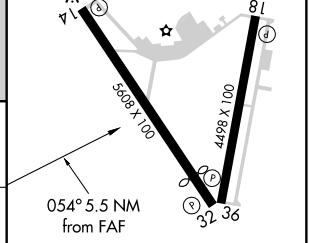
ROCKPORT/ ARANSAS COUNTY (RKP)

MISSED APPROACH: Climbing left turn to 1600 via heading 360° and CRP R-045 to COPAN Int/16 DME and hold.

ASOS	CORPUS APP CON	CLNC DEL	UNICOM
119.275	120.9 348.725	121.7	123.05 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	800-1 776 (800-1)	800-1¼ 776 (800-1¼)	800-2¼ 776 (800-2¼)	NA

REIL Rwy 14 L
MIRL Rwy 14-32 L
MIRL Rwy 18-36

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS		
138°	Rwy Idg	3772
	TDZE	2372
	Apt Elev	2372

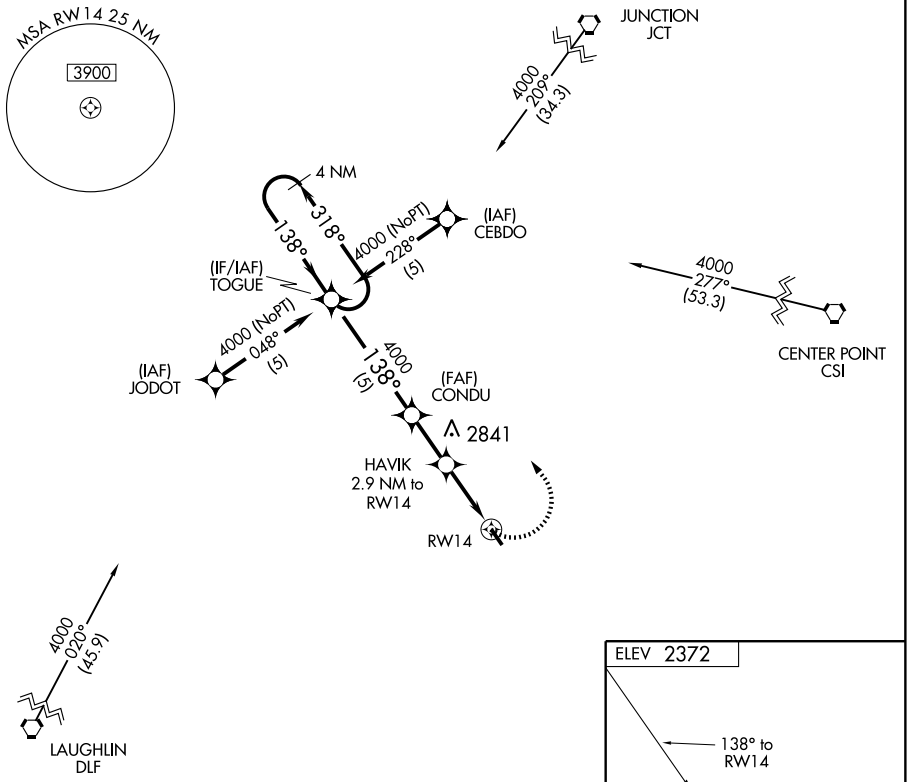
RNAV (GPS) RWY 14

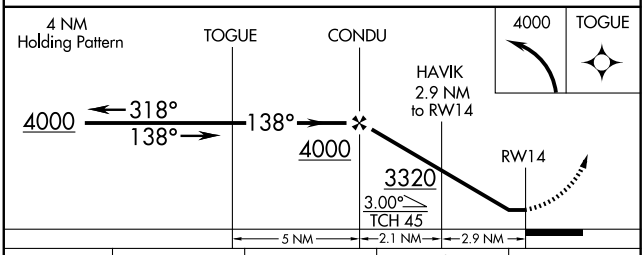
ROCKSPRINGS/ EDWARDS COUNTY (ECU)

Use Kimble Co. altimeter setting.
GPS or RNP -0.3 required. DME/DME RNP -0.3 NA.
Procedure NA at night.

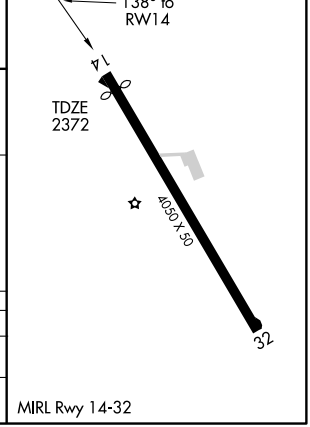
MISSED APPROACH: Climbing left turn to 4000 direct TOGUE and hold.

AWOS-3	DEL RIO APP CON ★	CTAF
118.175	119.6 259.1	122.9





CATEGORY	A	B	C	D
LNAV MDA	2960-1	588 (600-1)	2960-1½ 588 (600-1½)	NA
CIRCLING	3000-1	628 (700-1)	3000-1¾ 628 (700-1¾)	NA



VORTAC RSG 111.2 Chan 49	APP CRS 111°	Rwy Idg 3772 TDZE 2372 Apt Elev 2372

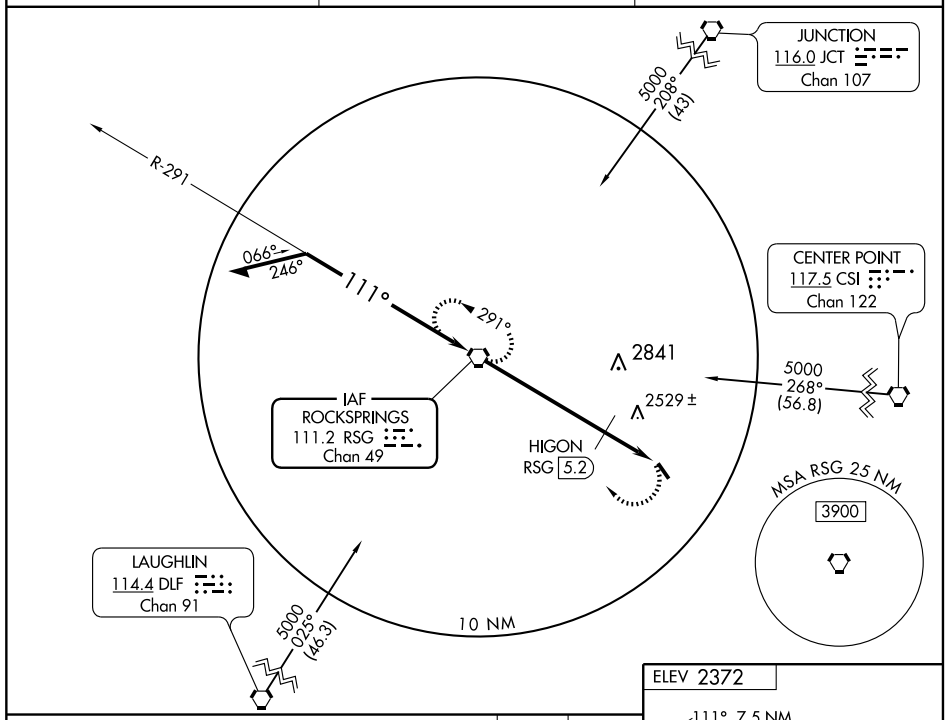
VOR RWY 14

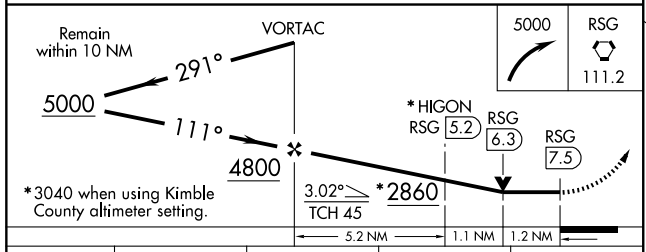
ROCKSPRINGS/ EDWARDS COUNTY (ECU)

If local altimeter setting not received, use Kimble County altimeter setting and increase all MDAs 180 feet. VDP NA when using Kimble County altimeter setting. Visibility reduction by helicopters NA.

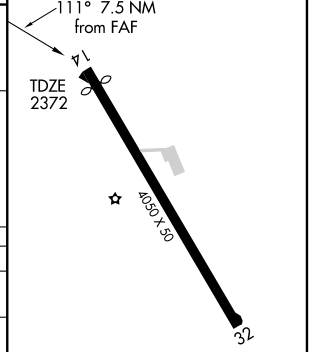
MISSED APPROACH: Climbing right turn to 5000 direct RSG VORTAC and hold, continue climb-in-hold to 5000.

AWOS-3	DEL RIO APP CON ★	CTAF
118.175	119.6 259.1	122.9





CATEGORY	A	B	C	D
S-14	2860-1 488 (500-1)		2860-1¼ 488 (500-1¼)	NA
CIRCLING	2860-1 488 (500-1)		2860-1½ 488 (500-1½)	NA
HIGON FIX MINIMUMS				
S-14	2780-1 408 (500-1)		2780-1¼ 408 (500-1¼)	NA
CIRCLING	2800-1 428 (500-1)	2840-1 468 (500-1)	2840-1½ 468 (500-1½)	NA



MIRL Rwy 14-32

FAF to MAP 7.5 NM					
Knots	60	90	120	150	180
Min:Sec	7:30	5:00	3:45	3:00	2:30

SC-3. 17 DEC 2009 to 14 JAN 2010

NDB PQF 248	APP CRS 027°	Rwy Idg N/A TDZE N/A Apt Elev 574

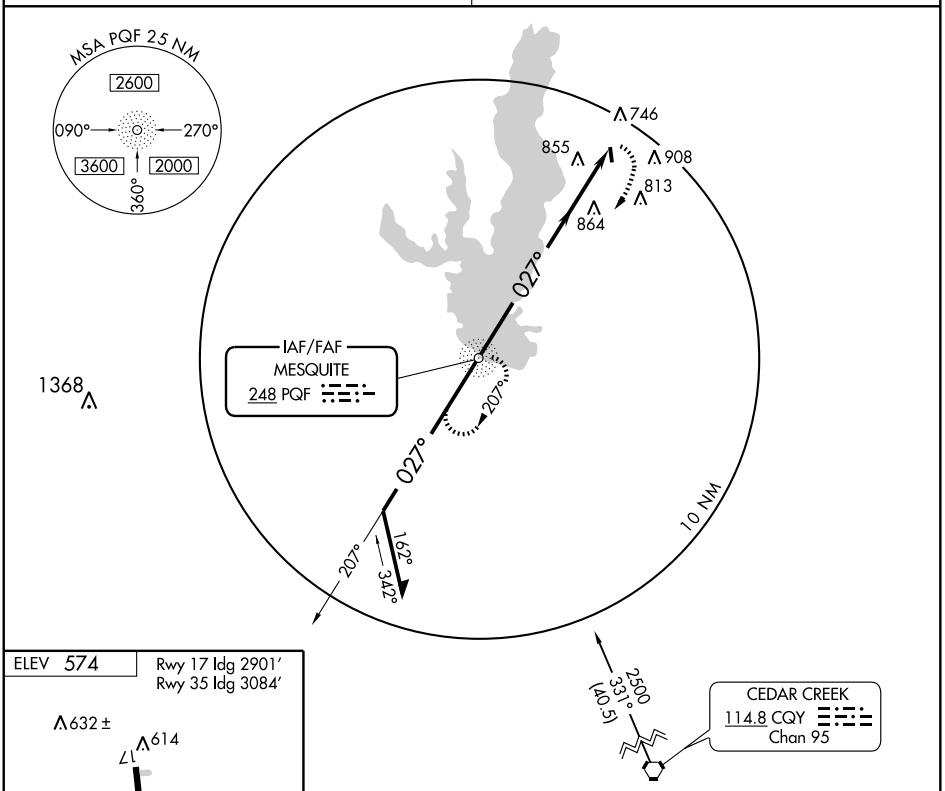
NDB-A
ROCKWALL MUNI (F46)

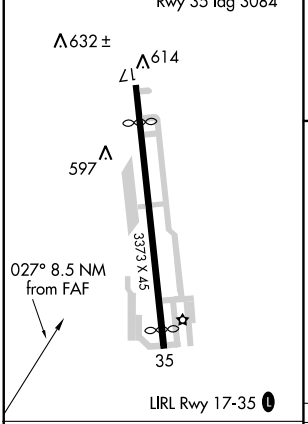
▼ NA — Use Dallas-Love Field altimeter setting.

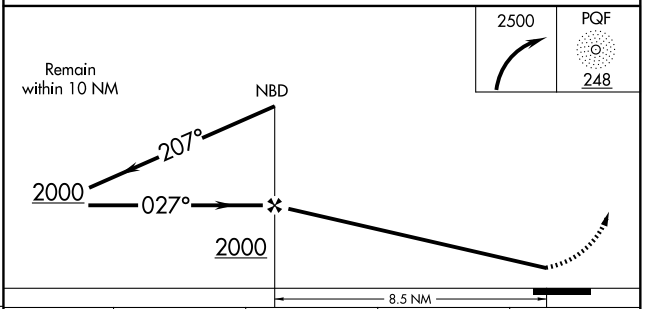
MISSED APPROACH: Climbing right turn to 2500 direct PQF NDB and hold.

REGIONAL APP CON
124.3 282.275

UNICOM
122.8 (CTAF) L







FAF to MAP 8.5 NM					
Knots	60	90	120	150	180
Min:Sec	8:30	5:40	4:15	3:24	2:50

CATEGORY	A	B	C	D
CIRCLING	1400-1 826 (900-1)	1400-1¼ 826 (900-1¼)	1400-2½ 826 (900-2½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	2901
167°	TDZE	574
	Apt Elev	574

RNAV (GPS) RWY 17

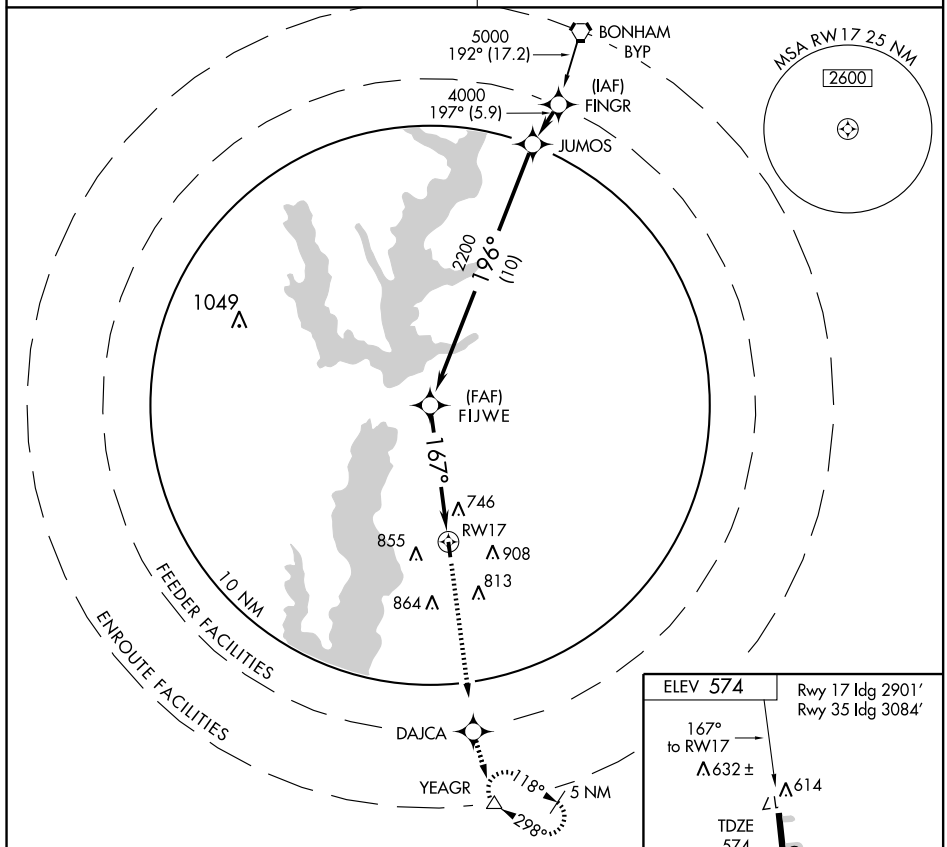
ROCKWALL MUNI (F46)

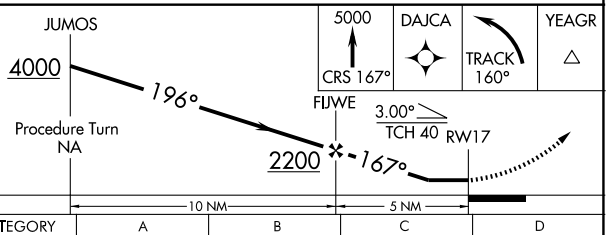
DME/DME RNP-0.3 NA.
Use Dallas-Love Field altimeter setting.

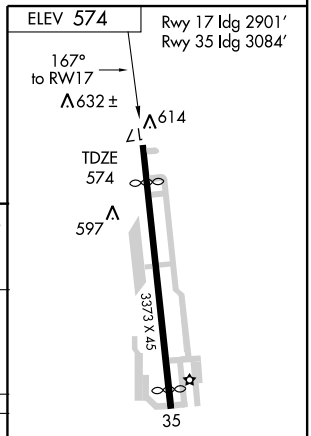
MISSED APPROACH: Climb to 5000 via 167° course to DAJCA and left turn via 160° track to YEAGR and hold.

REGIONAL APP CON
124.3 282.275

UNICOM
122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1140-1	566 (600-1)	1140-1½ 566 (600-1½)	NA
CIRCLING	1220-1	646 (700-1)	1320-2¼ 746 (800-2¼)	NA

LIRL Rwy 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3084
347°	TDZE	574
	Apt Elev	574

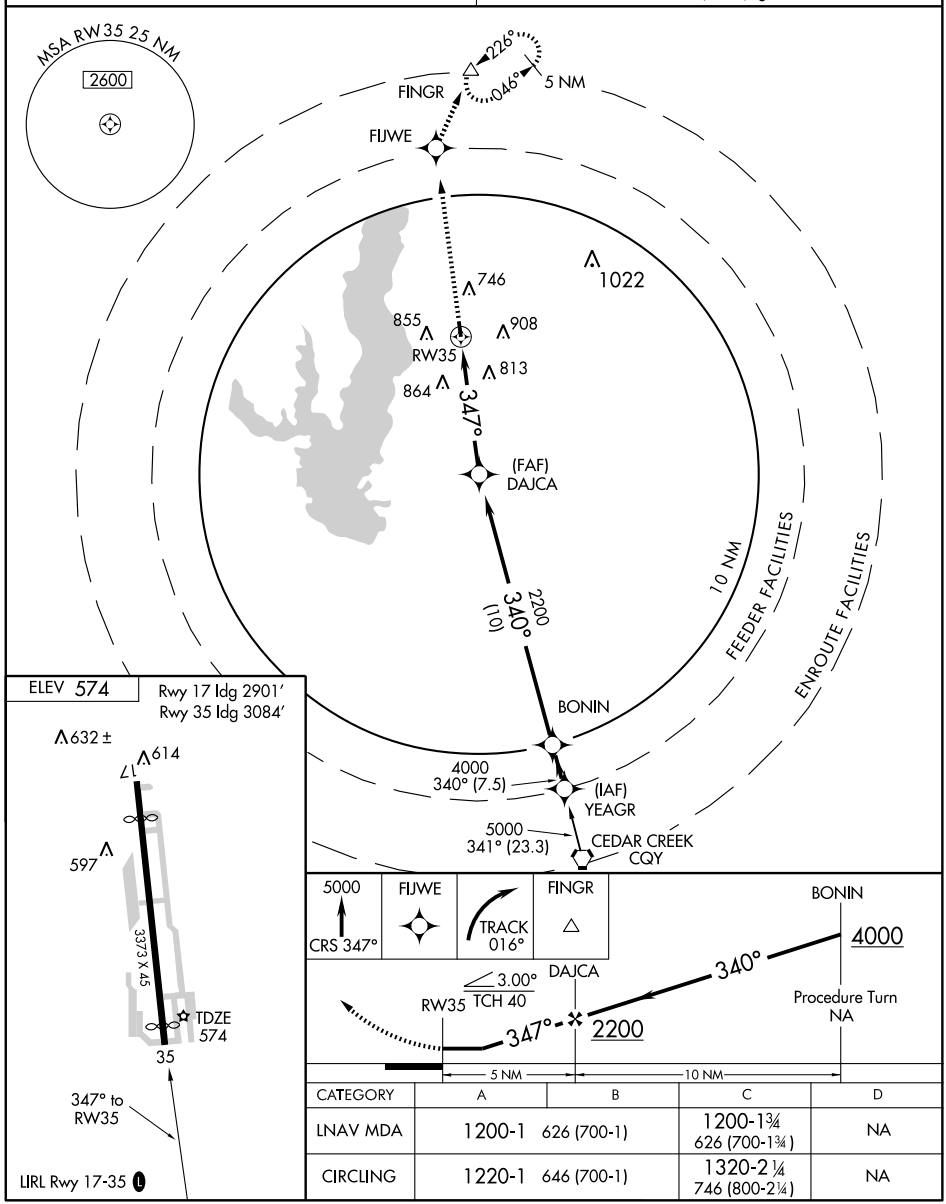
RNAV (GPS) RWY 35

ROCKWALL MUNI (F46)

DME/DME RNP-0.3 NA.
Use Dallas-Love Field altimeter setting.

MISSED APPROACH: Climb to 5000 via 347° course to FIJWE and right turn via 016° track to FINGR and hold.

REGIONAL APP CON	UNICOM
124.3 282.275	122.8 (CTAF) L



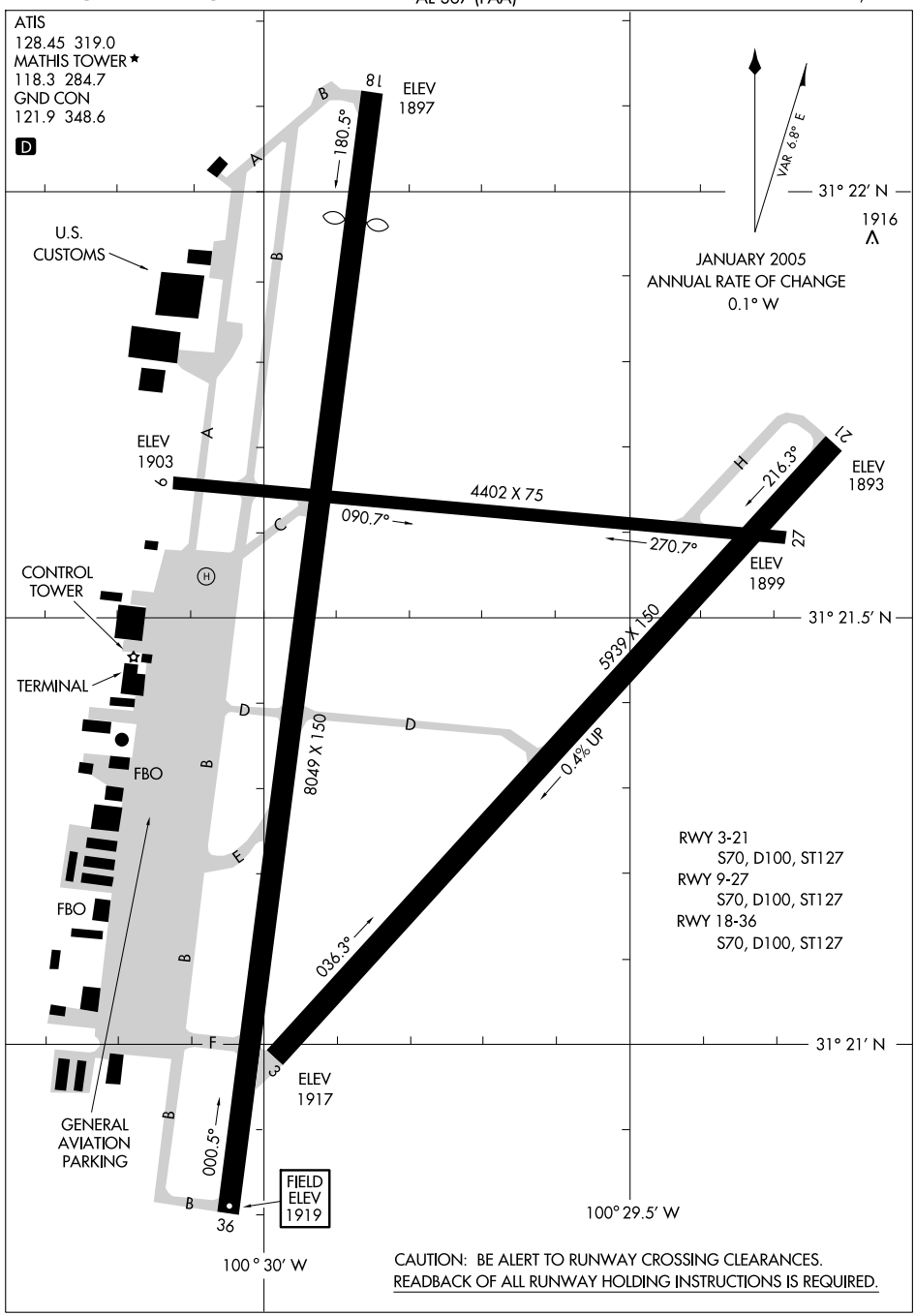
CATEGORY	A	B	C	D
LNAV MDA	1200-1 626 (700-1)		1200-1¾ 626 (700-1¾)	NA
CIRCLING	1220-1 646 (700-1)		1320-2¼ 746 (800-2¼)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

09015

AIRPORT DIAGRAM

SAN ANGELO RGNL/ MATHIS FIELD (SJT)
SAN ANGELO, TEXAS
AL-367 (FAA)



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-ILS RWY 3

LOC I-SJT	APCH CRS	Rwy ldg	5939
109.7	034°	TDZE	1917
Chan 34		Arpt Elev	1919

JAL-367 [USAF] SAN ANGELO REGIONAL/MATHIS FIELD (KSJT)

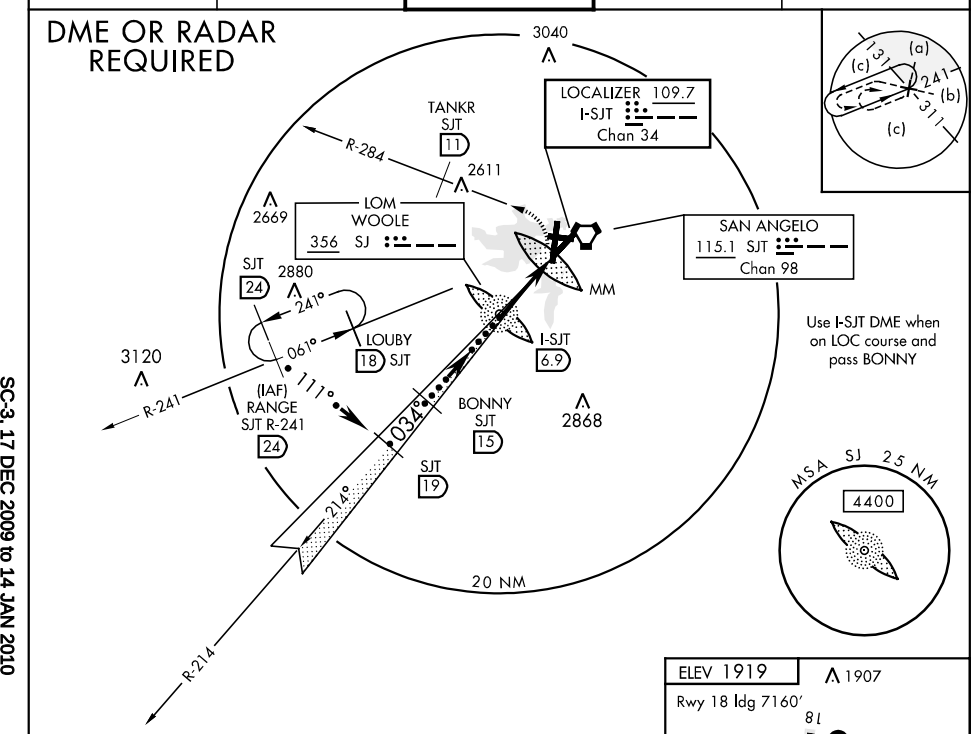
* When ALS inop, increase vis ¼ mile
** When ALS inop, increase vis ½ mile
*** CAT E Circling not authorised W of Rwy 18-36

MALSR

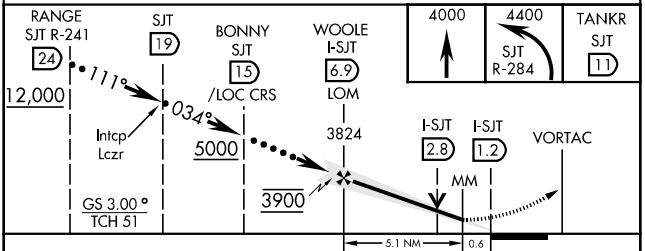
MISSED APPROACH: Climb to 4000 then climbing left turn to 4400 via SJT R-284 to TANKR 11 DME

ATIS	SAN ANGELO APP CON	MATHIS TOWER ★	GND CON	ASR
128.45 319.0	125.35 354.1	118.3 (L) 284.7	121.9 348.6	

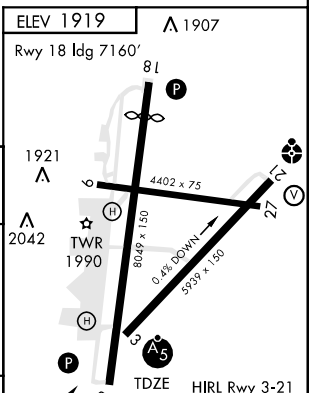
DME OR RADAR REQUIRED



EMERG SAFE ALT 100 NM 5100



CATEGORY	C	D	E
S-ILS 3 *	2117-½	200 (200-½)	
S-LOC 3 **	2420-1 503 (600-1)		2420-1¼ 503 (600-1¼)
CIRCLING ***	2460-1½ 543 (600-1½)	2480-2 563 (600-2)	2520-2¼ 603 (700-2¼)



FAF to MAP 5.7 NM					
Knots	120	140	160	180	200
Min:Sec	2:51	2:27	2:08	1:54	1:43

HI-VOR/DME or TACAN RWY 3

VORTAC SJT	APCH CRS	Rwy Idg	5939
115.1	045°	TDZE	1917
Chan 98		Arpt Elev	1919

JAL-367 [USAF] SAN ANGELO REGIONAL/MATHIS FIELD (KSJT)

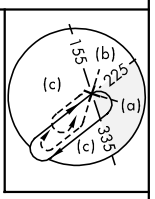
▼ * CAT E Circling not authorised W of Rwy 18-36

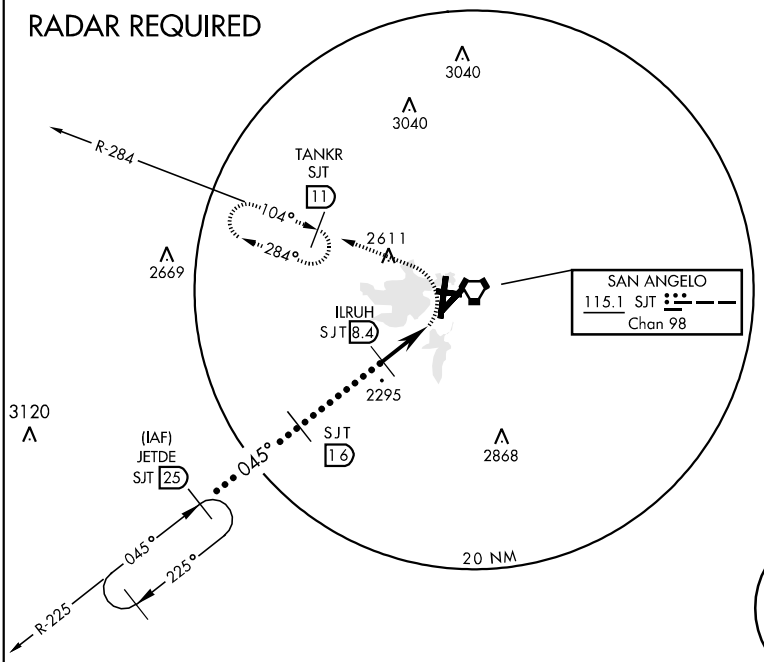
MALSR

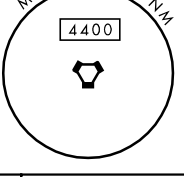
MISSED APPROACH: Climbing left turn to 4400 via SJT R-284 to TANKR INT/11 DME and hold.

ATIS	SAN ANGELO APP CON	MATHIS TOWER ★	GND CON	ASR
128.45 319.0	125.35 354.1	118.3 (L) 284.7	121.9 348.6	

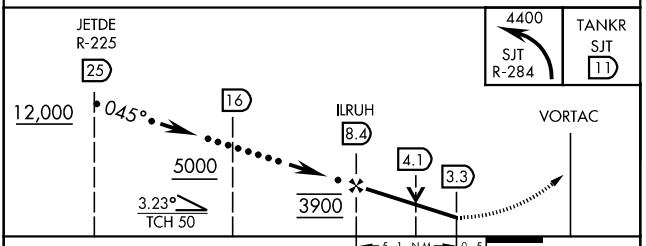
RADAR REQUIRED

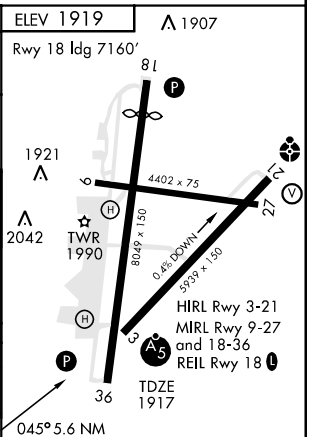






EMERG SAFE ALT 100 NM 5100





CATEGORY	C	D	E
S-3	2420-1 503 (600-1)		2420-1¼ 503 (600-1¼)
CIRCLING *	2460-1½ 543 (600-1½)	2480-2 563 (600-2)	2520-2¼ 603 (700-2¼)

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-VOR/DME or TACAN RWY 21

VORTAC SJT	APCH CRS	Rwy ldg 5939
115.1	235°	TDZE 1906
Chan 98		Arpt Elev 1919

JAL-367 [USAF]

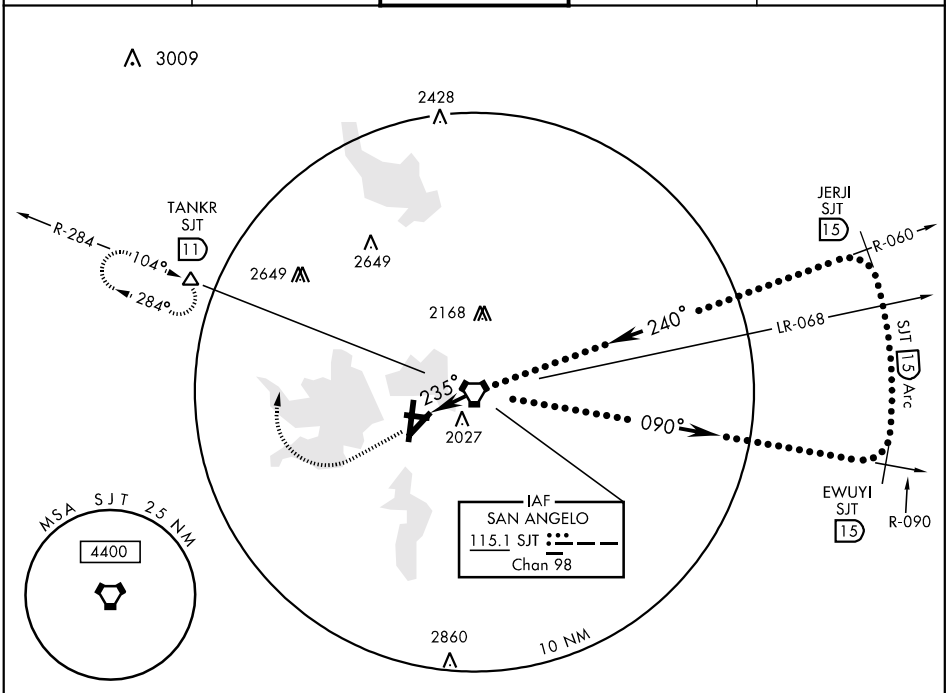
SAN ANGELO REGIONAL/MATHIS FIELD (KSJT)

* CAT E circling NA W of Rwy 18-36

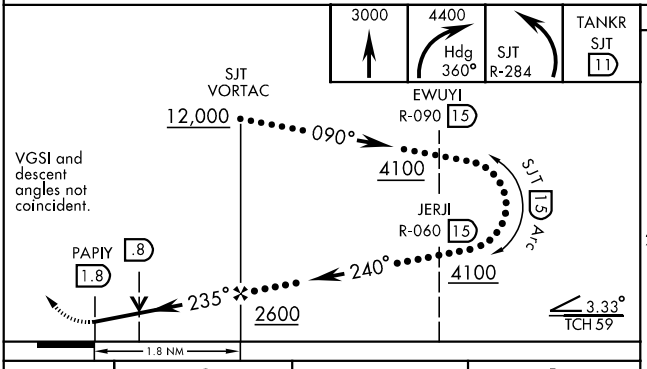
ODALS

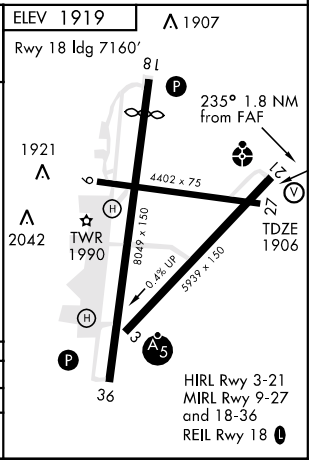
MISSED APPROACH: Climb to 3000, then climbing right turn to 4400 via hdg 360° to intercept SJT R-284 to TANKR INT/11 DME and hold.

ATIS	SAN ANGELO APP CON	MATHIS TOWER *	GND CON	ASR
128.45 319.0	125.35 354.1	118.3 (L) (CTAF) 284.7	121.9 348.6	



EMERG SAFE ALT 100 NM 5100





CATEGORY	C	D	E
S-21	2280-¾ 374 (400-¾)	2280-1¼ 374	(400-1¼)
CIRCLING *	2460-1½ 541 (600-1½)	2480-2 561 (600-2)	2520-2¼ 601 (700-2¼)

LOC I-SJT	APP CRS	Rwy Idg	5939
109.7	034°	TDZE	1917
Chan 34		Apt Elev	1917

ILS RWY 3

SAN ANGELO RGNL/MATHIS FIELD (SJT)

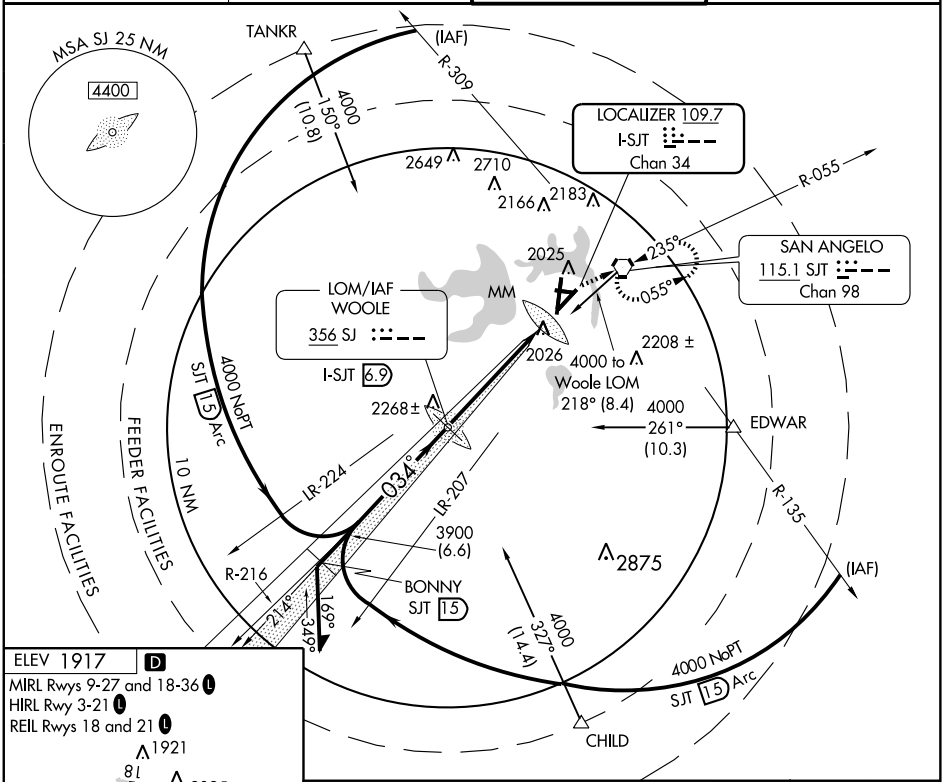
ASR

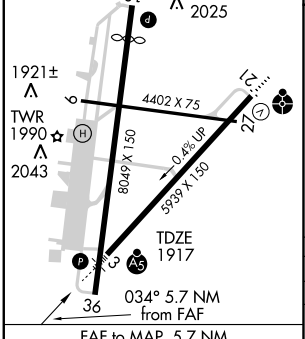
* Procedure Turn NA for Cat. E.
Cat. E circling NA west of Rwy 18-36.

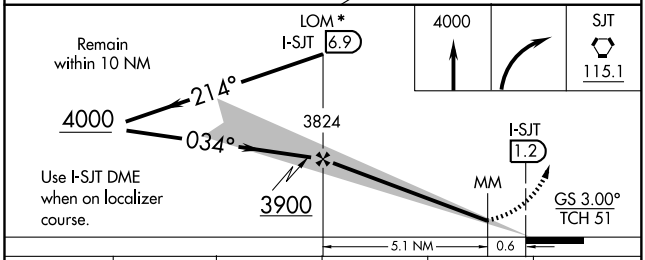
MALSR

MISSED APPROACH: Climb to 4000, then right turn direct SJT VORTAC and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6







CATEGORY	A	B	C	D	E
S-ILS 3	2117-½ 200 (200-½)				
S-LOC 3	2420-½ 503 (600-½)		2420-1 503 (600-1)		2420-1¼ 503 (600-1¼)
CIRCLING	2460-1 543 (600-1)		2460-1½ 543 (600-1½)	2480-2 563 (600-2)	2520-2¼ 603 (700-2¼)

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-SJT	APP CRS	Rwy Idg	5939
109.7	214°	TDZE	1906
Chan 34		Apt Elev	1917

LOC BC RWY 21

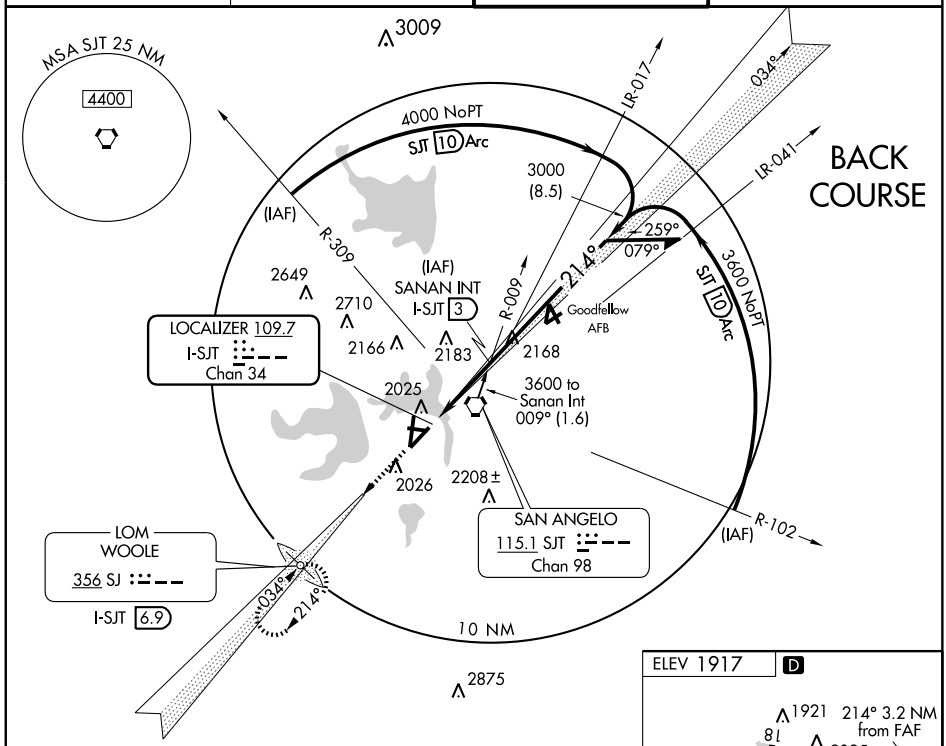
SAN ANGELO RGNL/MATHIS FIELD (SJT)

ASR

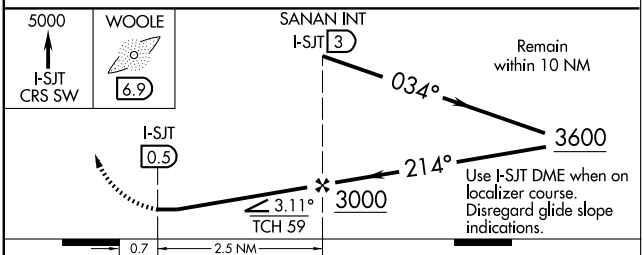
ODALS

MISSED APPROACH: Climb to 5000 via I-SJT SW course to WOOLE LOM/I-SJT 6.9 DME and hold.

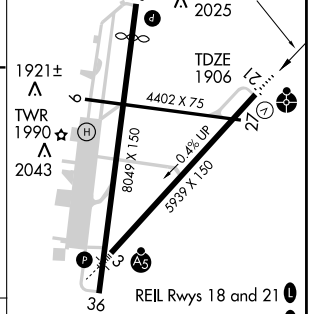
ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6



ADF or DME REQUIRED



CATEGORY	A	B	C	D
S-21	2280-¾ 374 (400-¾)			2280-1¼ 374 (400-1¼)
CIRCLING	2460-1 543 (600-1)		2460-1½ 543 (600-1½)	2480-2 563 (600-2)



FAF to MAP 2.5 NM

Knots	60	90	120	150	180
Min:Sec	2:30	1:40	1:15	1:00	0:50

SC-3, 17 DEC 2009 to 14 JAN 2010

LOM SJ	APP CRS	Rwy Idg	5939
356	034°	TDZE	1917
		Apt Elev	1917

NDB RWY 3

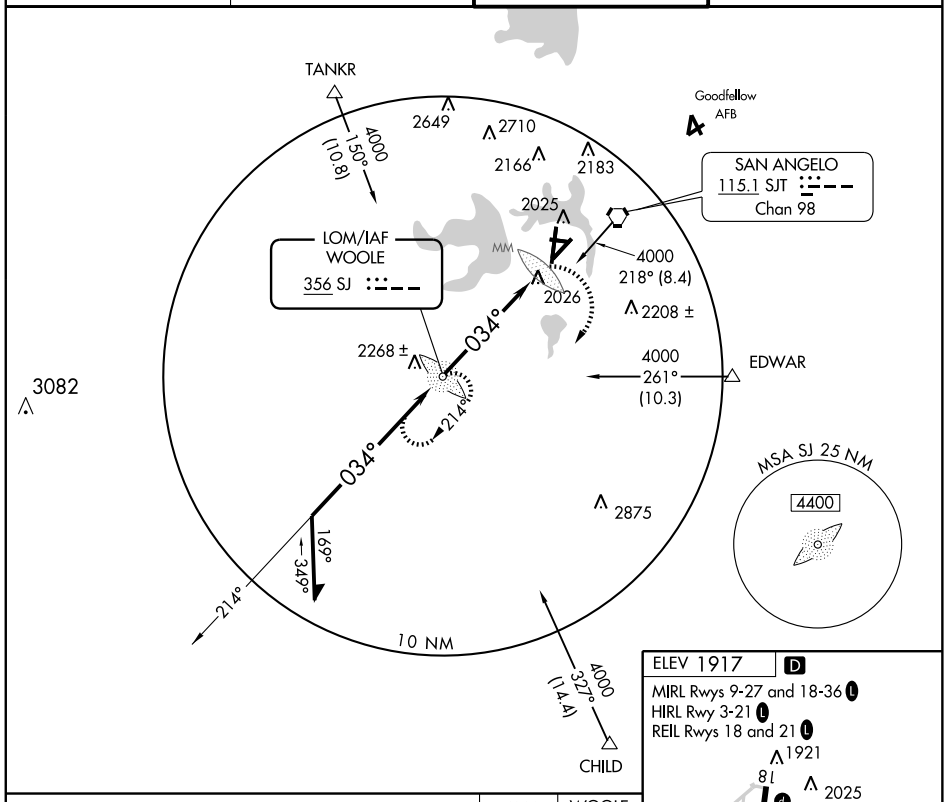
SAN ANGELO RGNL/MATHIS FIELD (SJT)

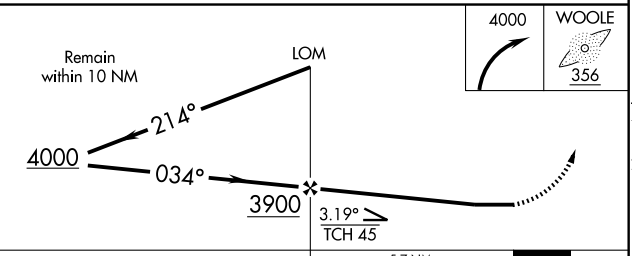
ASR

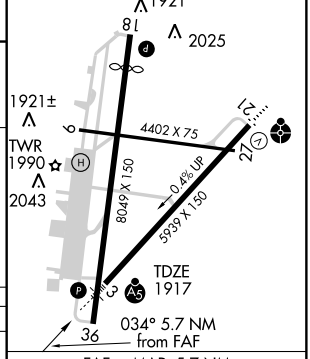
MALSR

MISSED APPROACH: Climbing right turn to 4000 direct WOOLE LOM and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6







CATEGORY	A	B	C	D
S-3	2460-¾ 543 (600-¾)		2460-1 543 (600-1)	2460-1½ 543 (600-1½)
CIRCLING	2460-1 543 (600-1)		2460-1½ 543 (600-1½)	2480-2 563 (600-2)

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 77517 W03A	APP CRS 034°	Rwy Idg 5939 TDZE 1917 Apt Elev 1919

RNAV (GPS) RWY 3

SAN ANGELO RGNL/MATHIS FIELD (SJT)

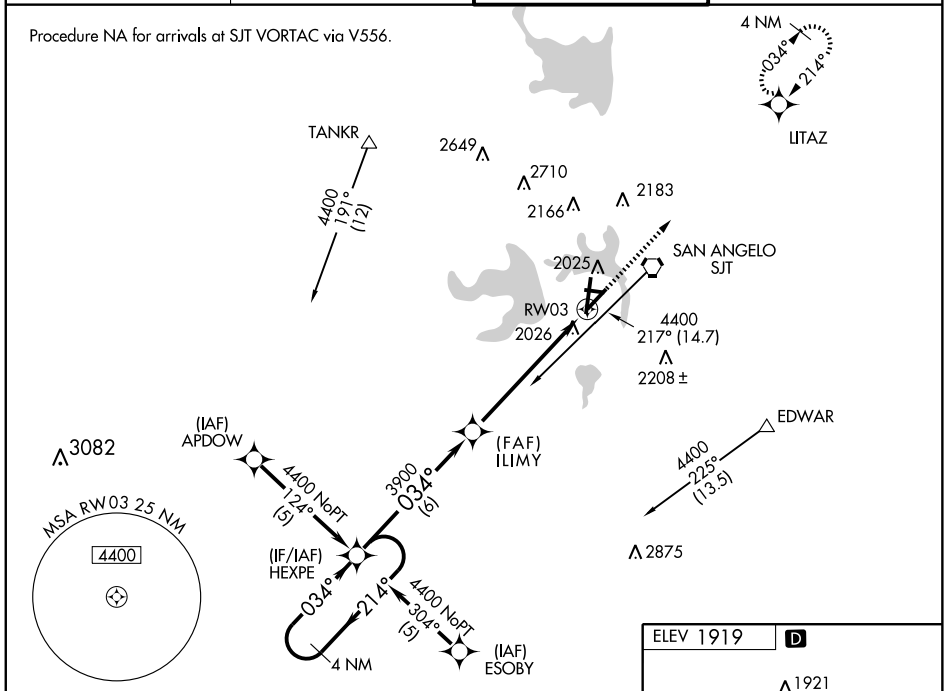
For inoperative MALSR, increase LPV visibility to ¾ mile all Cats and LNAV Cat D visibility to 1¼ mile.
Baro VNAV NA below -18°C (0°F).
Circling to Rwy 09 and 36 NA at night.
DME/DME RNP-0.3 NA.
ASR

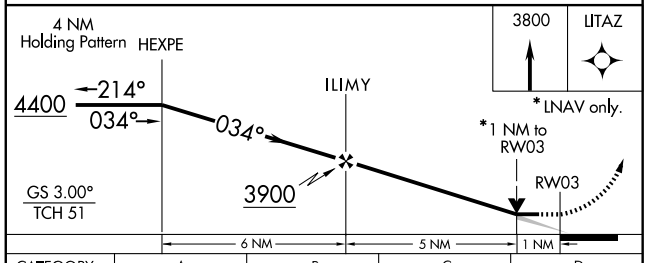
MALSR

MISSED APPROACH: Climb to 3800 direct LITAZ and hold.

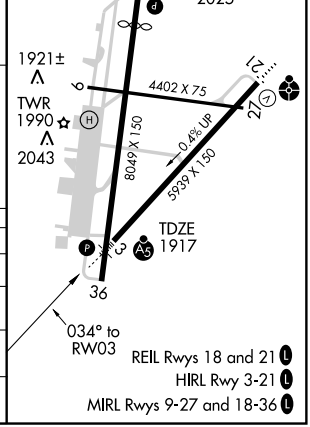
ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6

Procedure NA for arrivals at SJT VORTAC via V556.





CATEGORY	A	B	C	D
LPV DA	2167-½ 250 (300-½)			
LNAV/VNAV DA	2301-¾ 384 (400-¾)			
LNAV MDA	2300-½ 383 (400-½)			2300-1 383 (400-1)
CIRCLING	2460-1¼ 541 (600-1¼)		2460-1½ 541 (600-1½)	2480-2 561 (600-2)



WAAS	APP CRS	Rwy Idg	7160
CH 93801	178°	TDZE	1908
W18A		Apt Elev	1919

RNAV (GPS) RWY 18

SAN ANGELO RGNL/MATHIS FIELD (SJT)

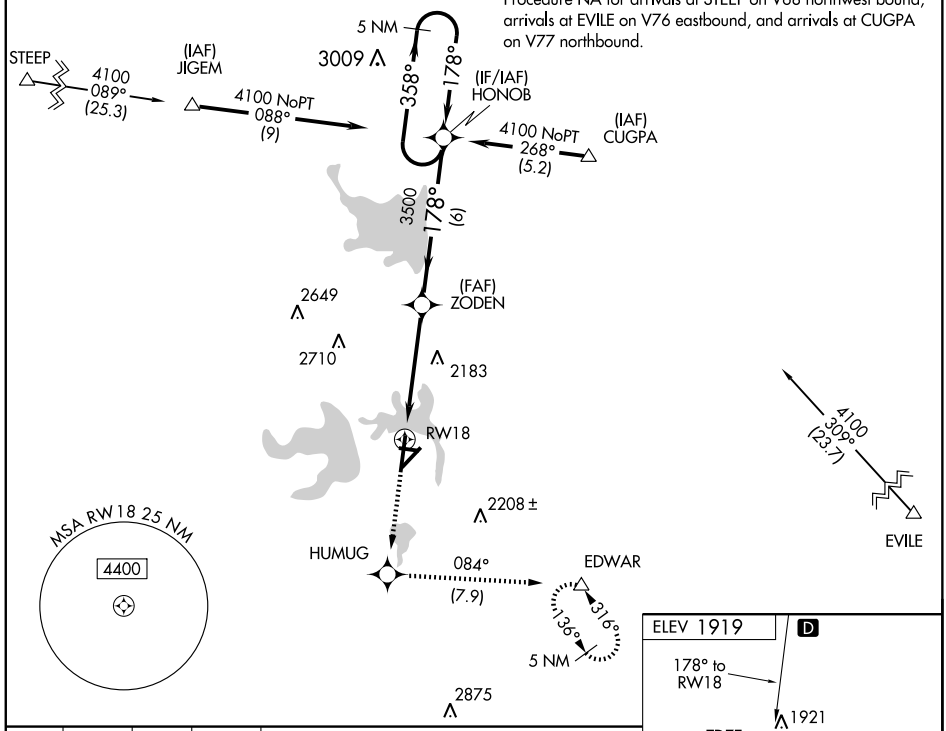
ASR

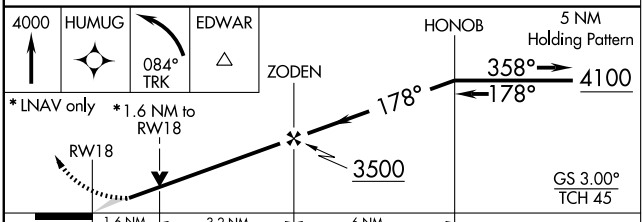
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 45°C (113°F).

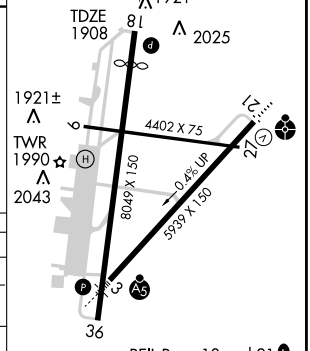
MISSED APPROACH: Climb to 4000 direct HUMUG and left turn via 084° track to EDWAR and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6

Procedure NA for arrivals at STEEP on V68 northwest bound, arrivals at EVILE on V76 eastbound, and arrivals at CUGPA on V77 northbound.







CATEGORY	A	B	C	D
LPV DA	2158-1 250 (300-1)			
LNAV/VNAV DA	2325-1½ 417 (500-1½)			
LNAV MDA	2440-1 532 (600-1)		2440-1½ 532 (600-1½)	2440-1¾ 532 (600-1¾)
CIRCLING	2460-1½ 541 (600-1½)			2480-2 561 (600-2)

REIL Rwys 18 and 21 L
HIRL Rwy 3-21 L
MIRL Rwys 9-27 and 18-36 L

SC-3. 17 DEC 2009 to 14 JAN 2010

WAAS CH 81817 W21A	APP CRS 214°	Rwy Idg 5939 TDZE 1906 Apt Elev 1919

RNAV (GPS) RWY 21

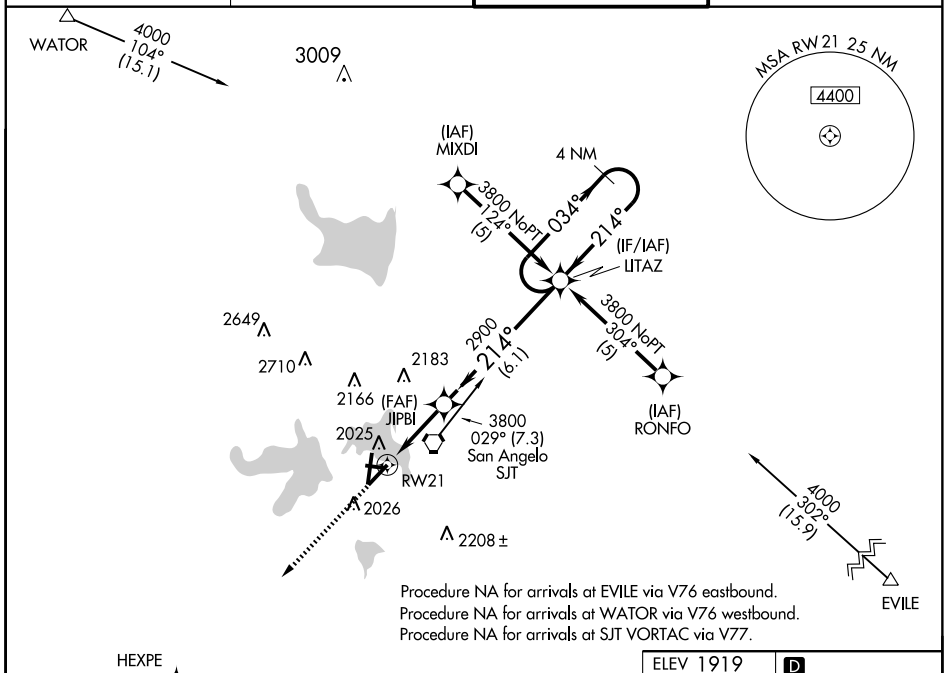
SAN ANGELO RGNL/MATHIS FIELD (SJT)

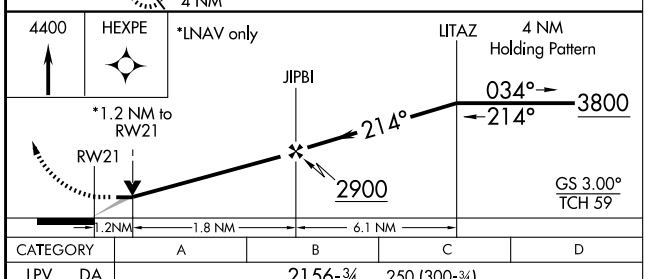
DME/DME RNP-0.3 NA. Baro VNAV NA below -18°C (0°F). Inoperative table does not apply to LPV, LNAV/VNAV all Cats and LNAV Cat C. Circling Rwy 9 and 36 NA at night. ASR

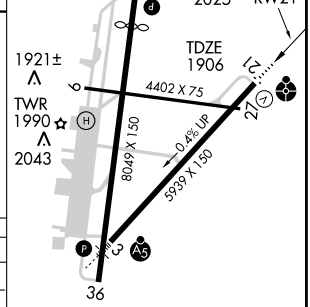
ODALS

MISSED APPROACH: Climb to 4400 direct HEXPE and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6







CATEGORY	A	B	C	D
LPV DA	2156-¾ 250 (300-¾)			
LNAV/VNAV DA	2325-1½ 419 (500-1½)			
LNAV MDA	2340-¾ 434 (500-¾)		2340-1¼ 434 (500-1¼)	2340-1½ 434 (500-1½)
CIRCLING	2460-1½ 541 (600-1½)			2480-2 561 (600-2)

REIL Rwys 18 and 21 L
HIRL Rwy 3-21 L
MIRL Rwys 9-27 and 18-36 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC SJT	APP CRS	Rwy Idg	5939
115.1	045°	TDZE	1917
Chan 98		Apt Elev	1919

VOR/DME or TACAN RWY 3

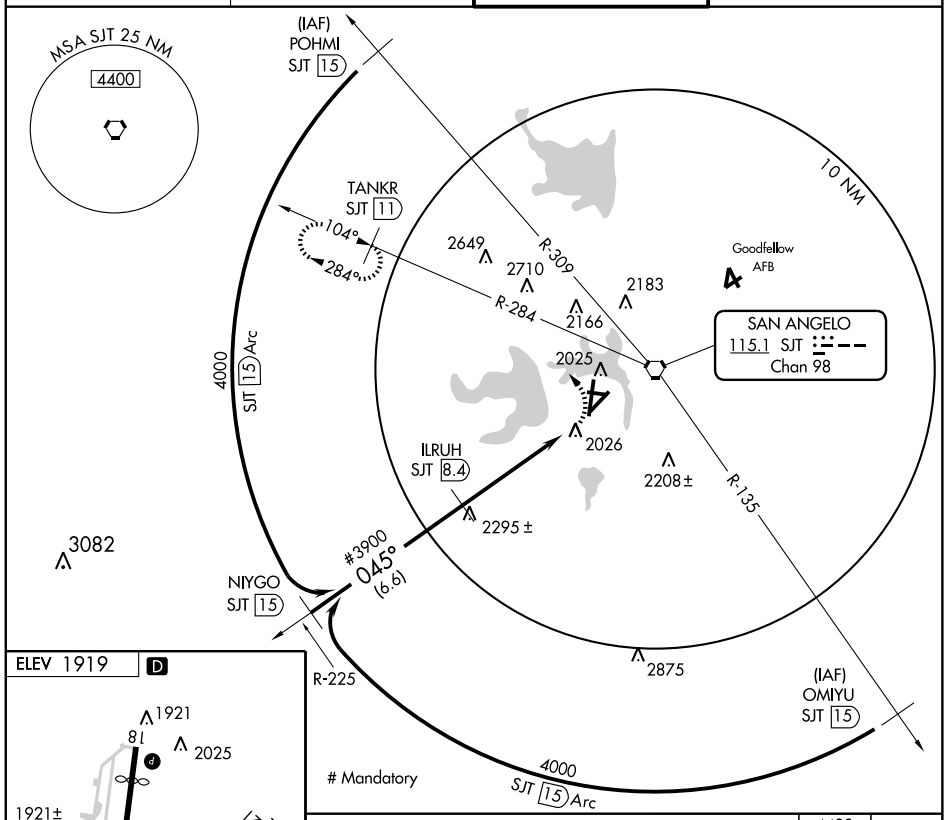
SAN ANGELO RGNL/MATHIS FIELD (SJT)

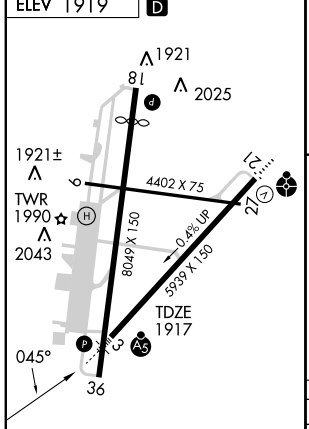
ASR * Cat E circling NA west of Rwy 18-36.

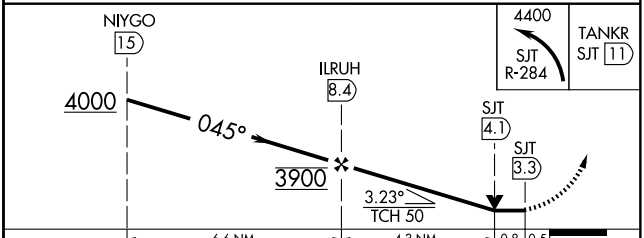
MALSR

MISSED APPROACH: Climbing left turn to 4400 via SJT R-284 to TANKR/11 DME and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6







CATEGORY	A	B	C	D	E
S-3	2420-½	503 (600-½)	2420-1	503 (600-1)	2420-1¼ 503 (600-1¼)
CIRCLING*	2460-1	541 (600-1)	2460-1½ 541 (600-1½)	2480-2 561 (600-2)	2520-2¼ 601 (700-2¼)

REIL Rwys 18 and 21 L
HIRL Rwys 3-21 L
MIRL Rwys 9-27 and 18-36 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC SJT	APP CRS	Rwy Idg	5939
115.1	235°	TDZE	1906
Chan 98		Apt Elev	1919

VOR RWY 21

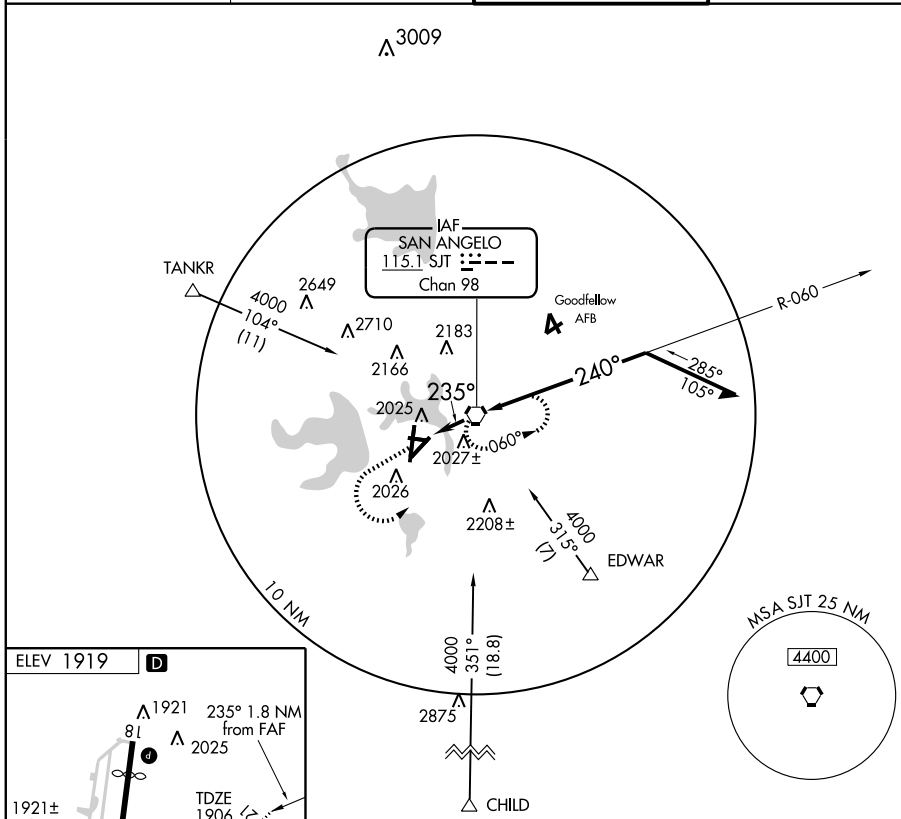
SAN ANGELO RGNL/MATHIS FIELD (SJT)

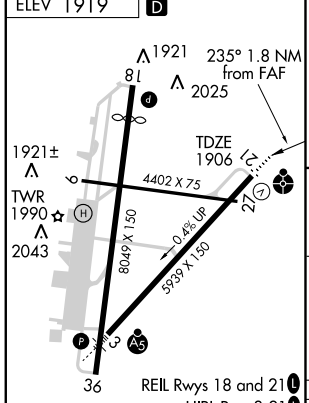
ASR

ODALS

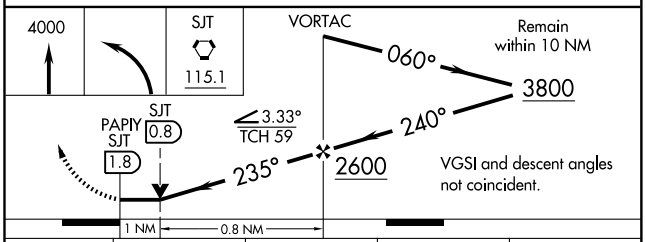
MISSED APPROACH: Climb to 4000 then left turn direct SJT VORTAC and hold.

ATIS	SAN ANGELO APP CON ★	MATHIS TOWER ★	GND CON
128.45 319.0	125.35 354.1	118.3 L (CTAF) 284.7	121.9 348.6





FAF to MAP 1.8 NM					
Knots	60	90	120	150	180
Min:Sec	1:48	1:12	0:54	0:43	0:36



CATEGORY	A	B	C	D
S-21	2280-¾ 374 (400-¾)			2280-1¼ 374 (400-1¼)
CIRCLING	2460-1 541 (600-1)		2460-1½ 541 (600-1½)	2480-2 561 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

SAN ANTONIO, TEXAS AL-10309 (FAA)

APP CRS	Rwy Idg	3785
166°	TDZE	1385
	Apt Elev	1385

RNAV (GPS) RWY 17

SAN ANTONIO/ BOERNE STAGE FIELD (5C1)

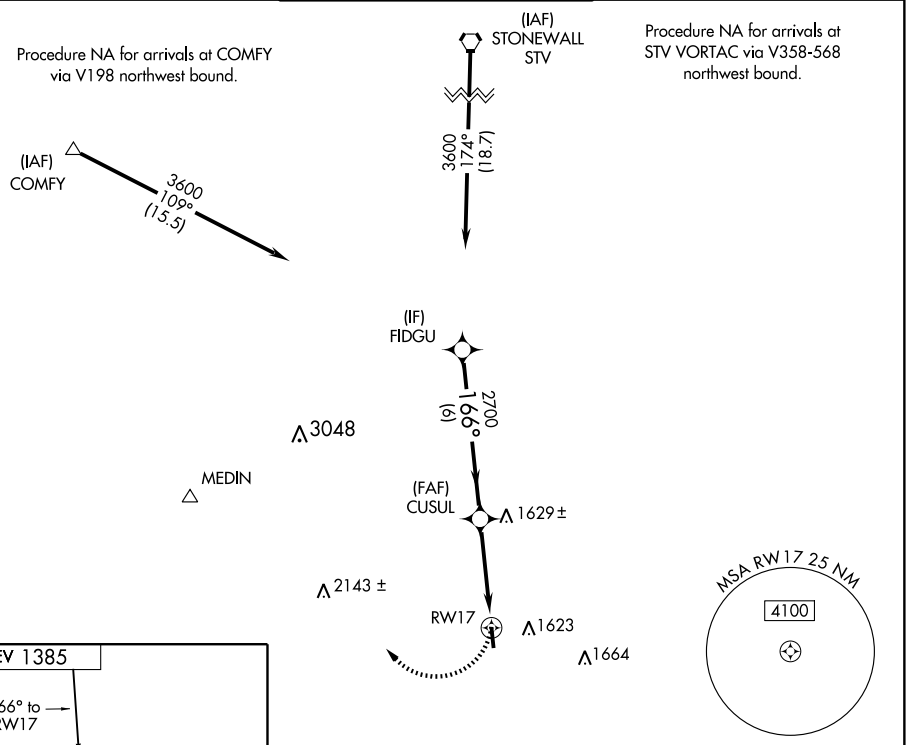
Circling NA east of Rwy 17-35. Procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use San Antonio Intl altimeter setting; if not received, procedure NA.

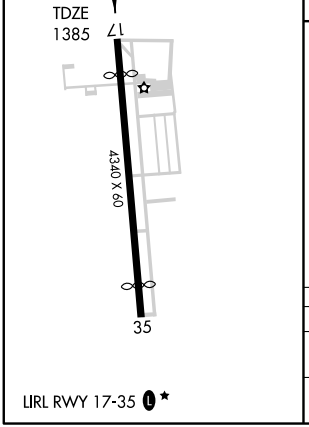
MISSED APPROACH: Climbing right turn to 4100 direct MEDIN.

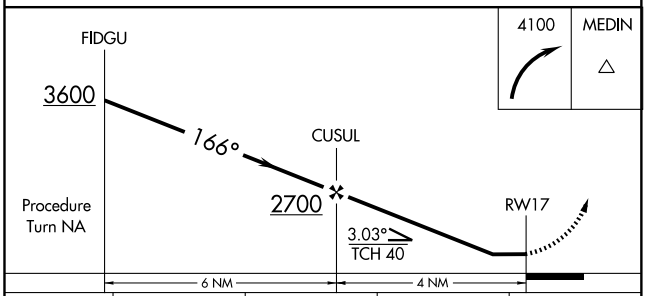
SAN ANTONIO INTL ATIS	SAN ANTONIO APP CON	UNICOM
118.9	125.1 307.0	123.0 (CTAF)

Procedure NA for arrivals at COMFY via V198 northwest bound.

Procedure NA for arrivals at STV VORTAC via V358-568 northwest bound.







CATEGORY	A	B	C	D
LNAV MDA	2000-1	615 (700-1)	NA	
CIRCLING	2080-1 695 (700-1)	2120-1 735 (800-1)	NA	

LIRL RWY 17-35 L ★

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3840
346°	TDZE	1385
	Apt Elev	1385

RNAV (GPS) RWY 35

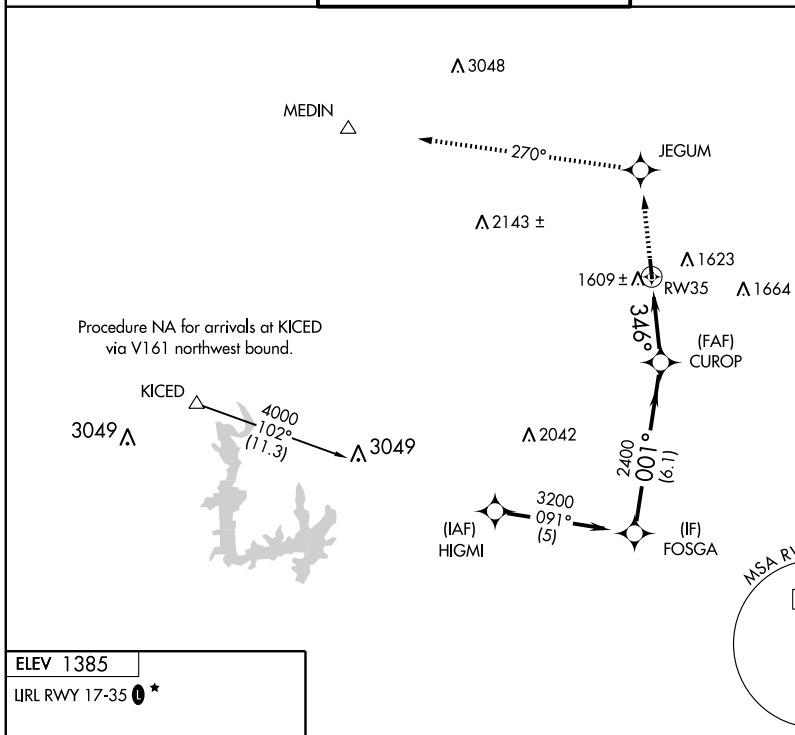
SAN ANTONIO/ BOERNE STAGE FIELD (5C1)

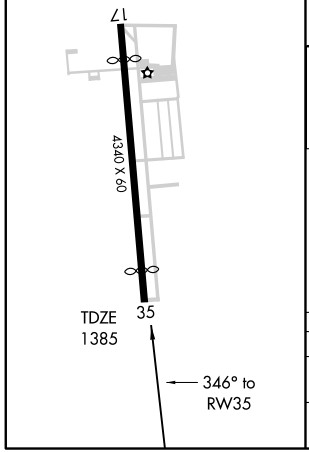
Circling to Rwy 17 NA at night. Circling NA east of Rwy 17-35. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA. Use San Antonio Intl altimeter setting; if not received, procedure NA.

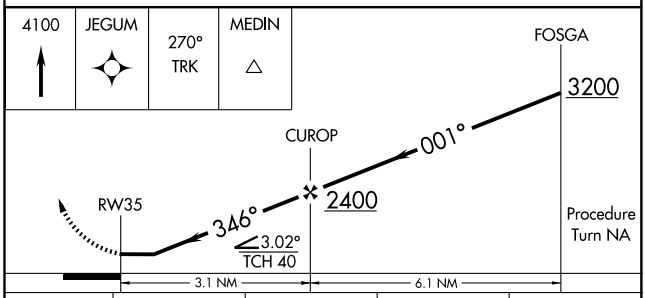
NA

MISSED APPROACH: Climb to 4100 direct JEGUM and via 270° track to MEDIN.

SAN ANTONIO INTL ATIS	SAN ANTONIO APP CON	UNICOM
118.9	125.1 307.0	123.0 (CTAF) L

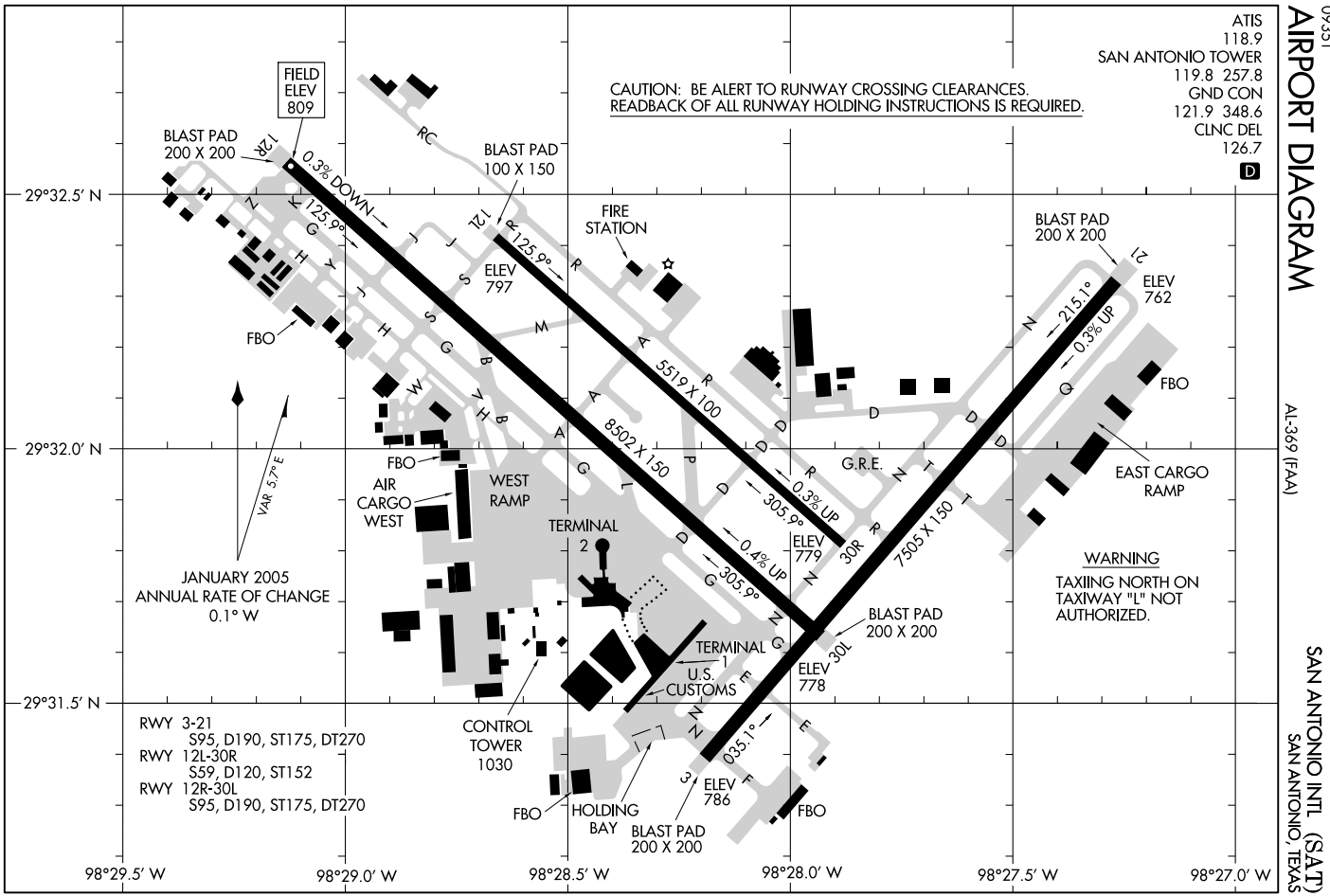




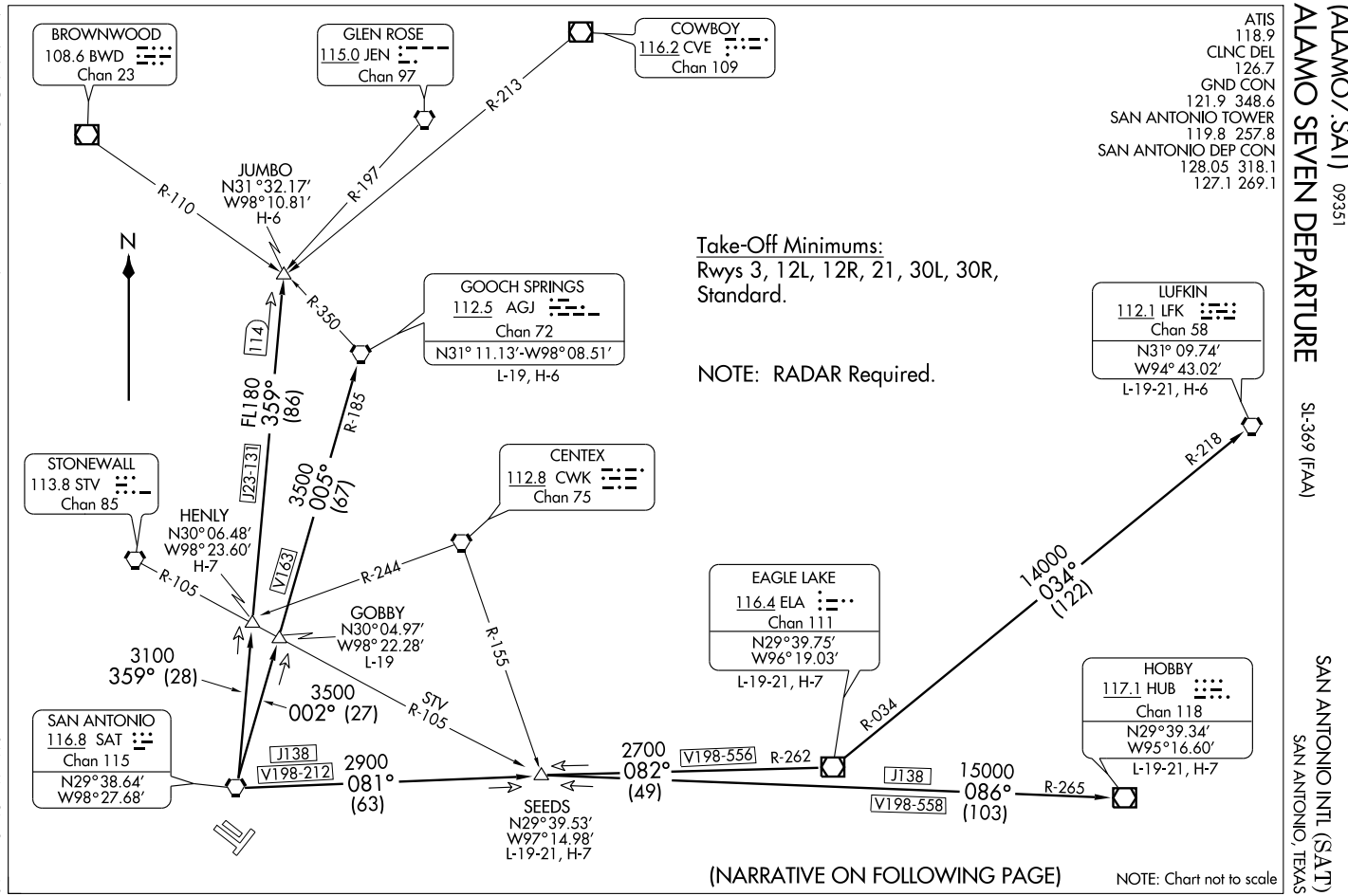


CATEGORY	A	B	C	D
LNAV MDA	1980-1 595 (600-1)		NA	
CIRCLING	2080-1 695 (700-1)	2120-1 735 (800-1)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010


AIRPORT DIAGRAM
09-331
AL-369 (FAA)
SAN ANTONIO INTL (SAT)
SAN ANTONIO, TEXAS
ATIS
118.9
SAN ANTONIO TOWER
119.8 257.8
GND CON
121.9 348.6
CLNC DEL
126.7
D
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
FIELD ELEV 809
BLAST PAD 200 X 200
12R
0.3% DOWN
125.9°
BLAST PAD 100 X 150
12L
125.9°
ELEV 797
FIRE STATION
BLAST PAD 200 X 200
21
ELEV 762
215.1°
0.3% UP
FBO
5519 X 100
8502 X 150
FBO
AIR CARGO WEST
WEST RAMP
VAR 5.7°E
JANUARY 2005
ANNUAL RATE OF CHANGE
0.1° W
TERMINAL 2
G.R.E.
EAST CARGO RAMP
ELEV 779
30R
7505 X 150
0.4% UP
305.9°
0.3% UP
305.9°
WARNING
TAXIING NORTH ON TAXIWAY "L" NOT AUTHORIZED.
BLAST PAD 200 X 200
30L
ELEV 778
TERMINAL 1
U.S. CUSTOMS
CONTROL TOWER 1030
035.1°
ELEV 786
FBO
HOLDING BAY
BLAST PAD 200 X 200
FBO
RWY 3-21
S95, D190, ST175, DT270
RWY 12L-30R
S59, D120, ST152
RWY 12R-30L
S95, D190, ST175, DT270
29°32.5′ N
29°32.0′ N
29°31.5′ N
98°29.5′ W
98°29.0′ W
98°28.5′ W
98°28.0′ W
98°27.5′ W
98°27.0′ W

ALAMO SEVEN DEPARTURE



DEPARTURE ROUTE DESCRIPTION

Climb on assigned heading for radar vectors to SAT VORTAC maintain 5000 feet, Thence . . . .

. . . . via (Transition). Expect filed altitude 10 minutes after departure.

EAGLE LAKE TRANSITION (ALAMO7.ELA): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via ELA R-262 to ELA VOR/DME.
GOBBY TRANSITION (ALAMO7.GOBBY): From over SAT VORTAC via SAT R-002 to GOBBY INT.
HENLY TRANSITION (ALAMO7.HENLY): From over SAT VORTAC via SAT R-359 to HENLY INT.
HOBBY TRANSITION (ALAMO7.HUB): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via HUB R-265 to HUB VOR/DME.
JUMBO TRANSITION (ALAMO7.JUMBO): From over SAT VORTAC via SAT R-359 to JUMBO INT.
GOOCH SPRINGS TRANSITION (ALAMO7.AGJ): From over SAT VORTAC via SAT R-002 to GOBBY INT, then via AGJ R-185 to AGJ VORTAC.
LUFKIN TRANSITION (ALAMO7.LFK): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via ELA R-262 to ELA VOR/DME, then via ELA R-034 and LFK R-218 to LFK VORTAC.
SEEDS TRANSITION (ALAMO7.SEEDS): From over SAT VORTAC via SAT R-081 to SEEDS INT.

TAKE-OFF OBSTACLES:

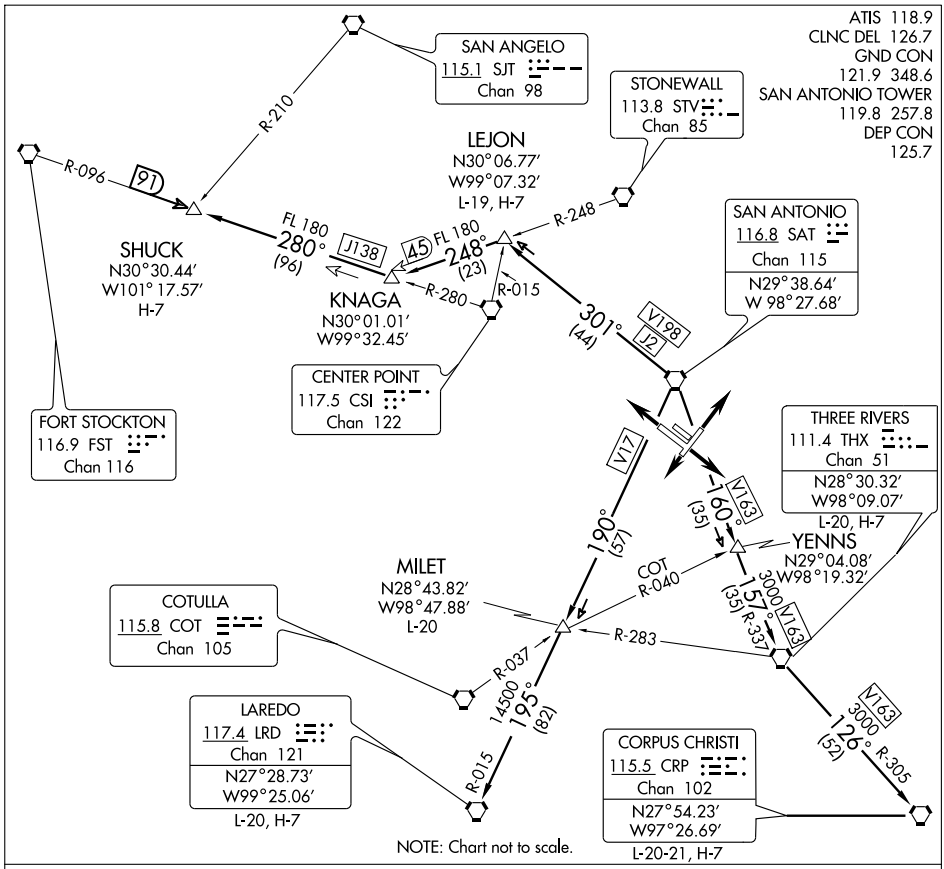
RWY 3: Tree 734′ from DER, 695′ left of centerline, 31′ AGL/793′MSL.
RWY 12R: Antenna on Tower 1034′ from DER, 723′ right of centerline, 42′ AGL/820′MSL. Building and Vent on Building beginning 3801′ from DER, 1488′ right of centerline, 117′ AGL/881′MSL.
RWY 21: Antenna on Hangar and Flagpole beginning 1198′ from DER, 700′ right of centerline, up to 39′ AGL/825′MSL. Sign 2713′ from DER, 1034′ right of centerline, 71′ AGL/857′MSL.
RWY 30L: Tower and Poles beginning 1931′ from DER, 834′ left of centerline, up to 42′ AGL/892′MSL. Sign 2435′ from DER, 1042′ right of centerline, 54′ AGL/873′MSL.
RWY 30R: Rod on Obstruction Light 1261′ from DER, 591′ left of centerline, 57′ AGL/854′MSL.

SC-3, 17 DEC 2009 to 14 JAN 2010

BOWIE THREE DEPARTURE

SL-369 (FAA)

SAN ANTONIO INTL (SAT)
SAN ANTONIO, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

DEPARTURE ROUTE DESCRIPTION

Fly runway heading for vector to assigned route. All aircraft maintain 5000 feet, expect further clearance to filed altitude/flight level 10 minutes after departure.

CORPUS CHRISTI TRANSITION (BOWIE3.CRP): From over SAT VORTAC via SAT R-160 to YENNS INT, then via THX R-337 to THX VORTAC, then via THX-R 126 and CRP R-305 to CRP VORTAC.

LAREDO TRANSITION (BOWIE3.LRD): From over SAT VORTAC via SAT R-190 to MILET INT, then via LRD R-015 to LRD VORTAC.

LEJON TRANSITION (BOWIE3.LEJON): From over SAT VORTAC via SAT R-301 to LEJON INT.

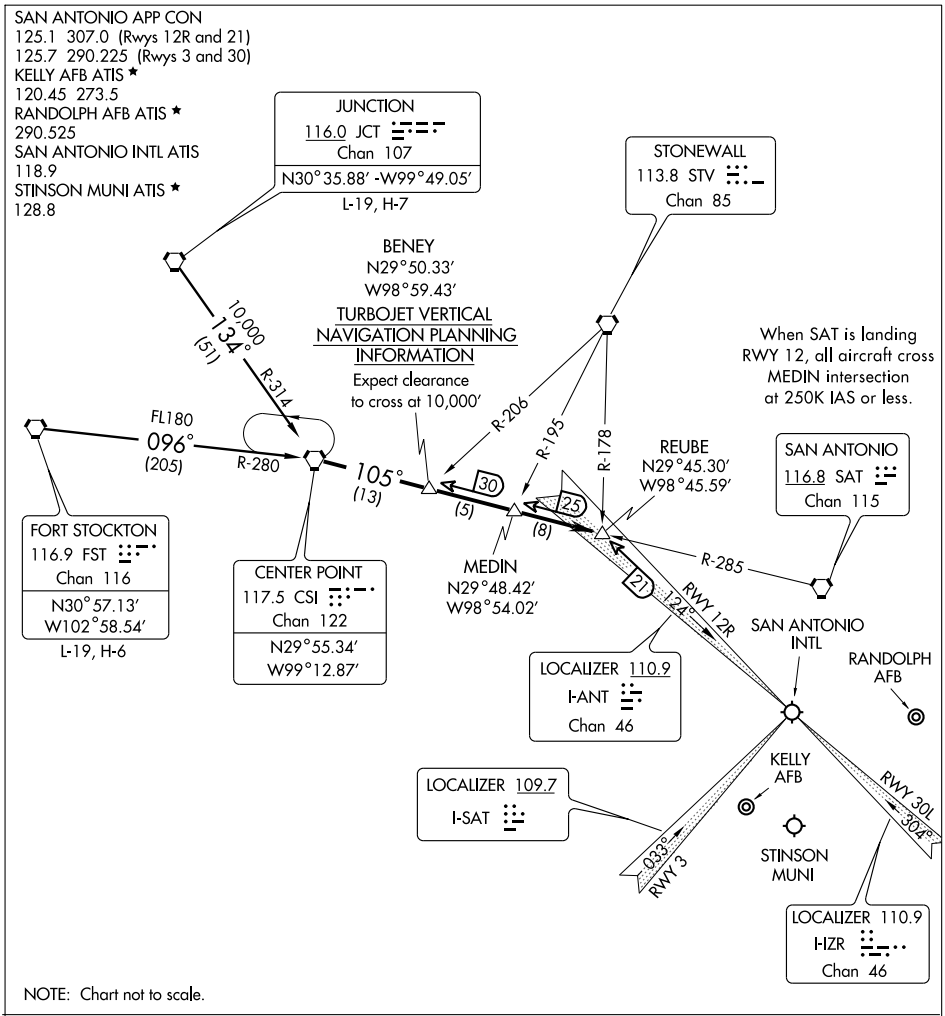
MILET TRANSITION (BOWIE3.MILET): From over SAT VORTAC via SAT R-190 to MILET INT.

SHUCK TRANSITION (BOWIE3.SHUCK): From over SAT VORTAC via SAT R-301 to LEJON INT, then via STV R-248 and CSI R-280 to SHUCK INT.

THREE RIVERS TRANSITION (BOWIE3.THX): From over SAT VORTAC via SAT R-160 to YENNS INT, then via THX R-337 to THX VORTAC.

CENTERPOINT ONE ARRIVAL (CSI.CSI1)

SAN ANTONIO, TEXAS



FORT STOCKTON TRANSITION (FST.CSI1): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.CSI1): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . . .

. . . . From over CSI VORTAC via CSI R-105 to REUBE INT. Expect vector to final approach course.

SATELLITE AIRPORTS: Conform to SAT routing and frequency assignment.

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-SAT	APP CRS	Rwy Idg	7505
109.7	033°	TDZE	786
		Apt Elev	809

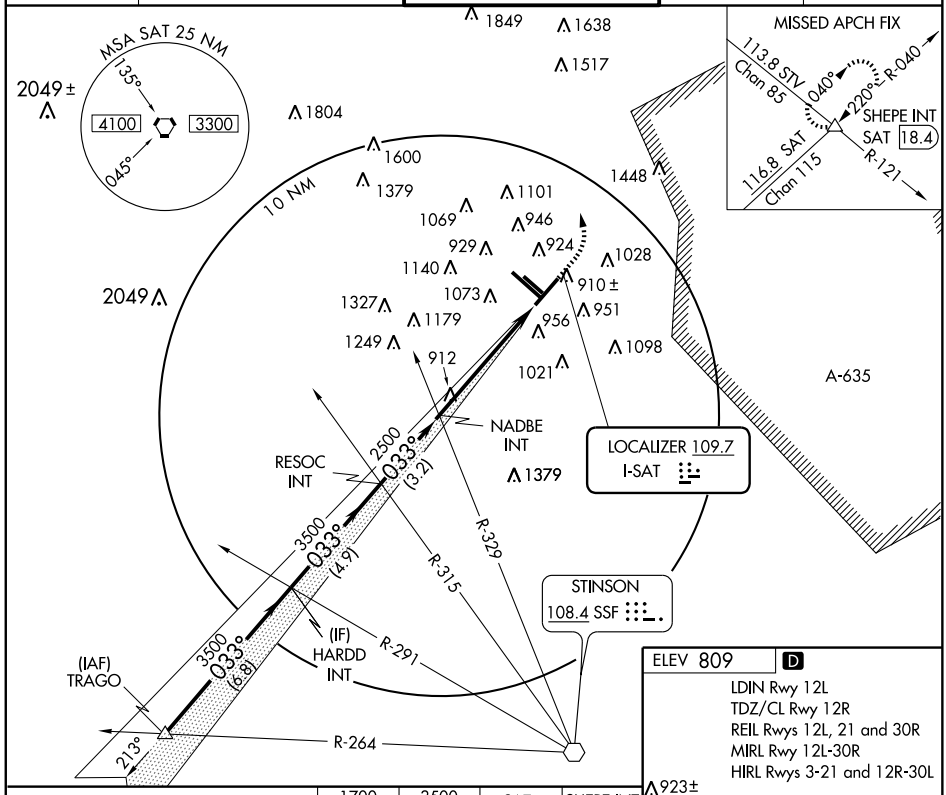
ILS or LOC RWY 3
SAN ANTONIO INTL (SAT)

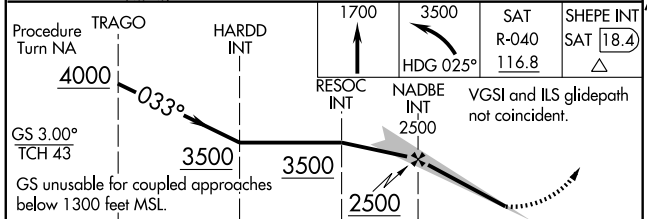
Circling NA southwest of Rwy 12R-30L.

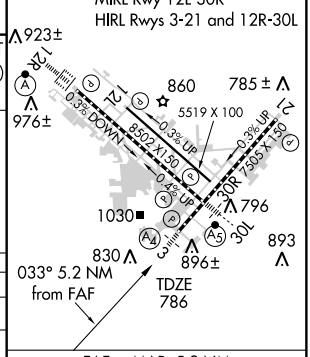
MALS

MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 via heading 025° and SAT R-040 to SHEPE INT/SAT 18.4 DME and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7







FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CATEGORY	A	B	C	D
S-ILS 3	986/40 200 (200-¾)			
S-LOC 3	1180/40 394 (400-¾)			1180/60 394 (400-1¼)
CIRCLING	1300-1 491 (500-1)		1320-1½ 511 (600-1½)	1380-2 571 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

SAN ANTONIO, TEXAS — AL-369 (FAA)

LOC/DME I-ANT	APP CRS	Rwy 12R ldg	8502	Rwy 12L ldg	5519
110.9	124°	TDZE	809	TDZE	797
Chan 46		Apt Elev	809	Apt Elev	809

ILS or LOC RWY 12R

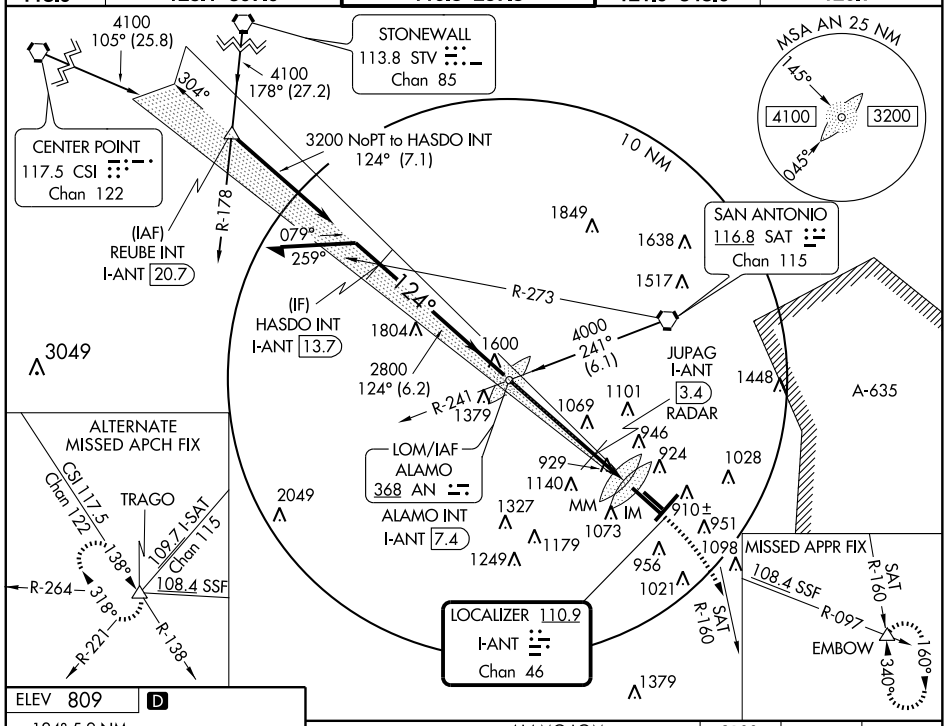
SAN ANTONIO INTL (SAT)

Circling NA southwest of Rwy 12R-30L.

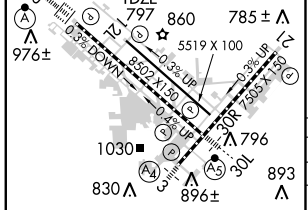
ALSF-2

MISSED APPROACH: Climb to 3100 via heading 124° and SAT R-160 to EMBOW INT and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7

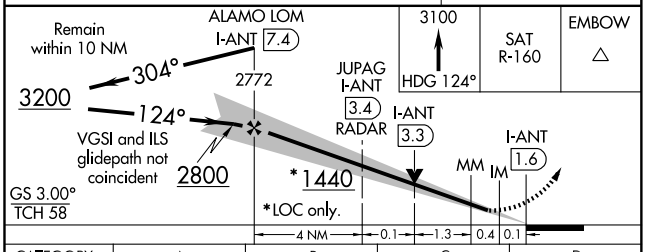


ELEV 809 D



LDIN Rwy 12L
TDZ/CL Rwy 12R
REIL Rwys 12L, 21 and 30R
HIRL Rwys 3-21 and 12R-30L
MIRL Rwy 12L-30R

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D
S-ILS 12R	1009/18 200 (200-½)			
S-LOC 12R	1440/24 631 (700-½)		1440/60 631 (700-1¼)	1440-1½ 631 (700-1½)
SIDESTEP 12L	1600-1 803 (800-1)	1600-1¼ 803 (800-1¼)	1600-2¼ 803 (800-2¼)	1600-2½ 803 (800-2½)
CIRCLING	1440-1 631 (700-1)		1440-1¾ 631 (700-1¾)	1440-2 631 (700-2)
JUPAG FIX MINIMUMS				
S-LOC 12R	1240/24 431 (500-½)		1240/40 431 (500-¾)	1240/50 431 (500-1)

SC-3, 17 DEC 2009 to 14 JAN 2010

SAN ANTONIO, TEXAS — AL-369 (FAA)

LOC/DME I-IZR	APP CRS				
110.9 Chan 46	304°	Rwy 30L ldg 8502 TDZE 790 Apt Elev 809		Rwy 30R ldg 5519 TDZE 788 Apt Elev 809	

ILS or LOC RWY 30L

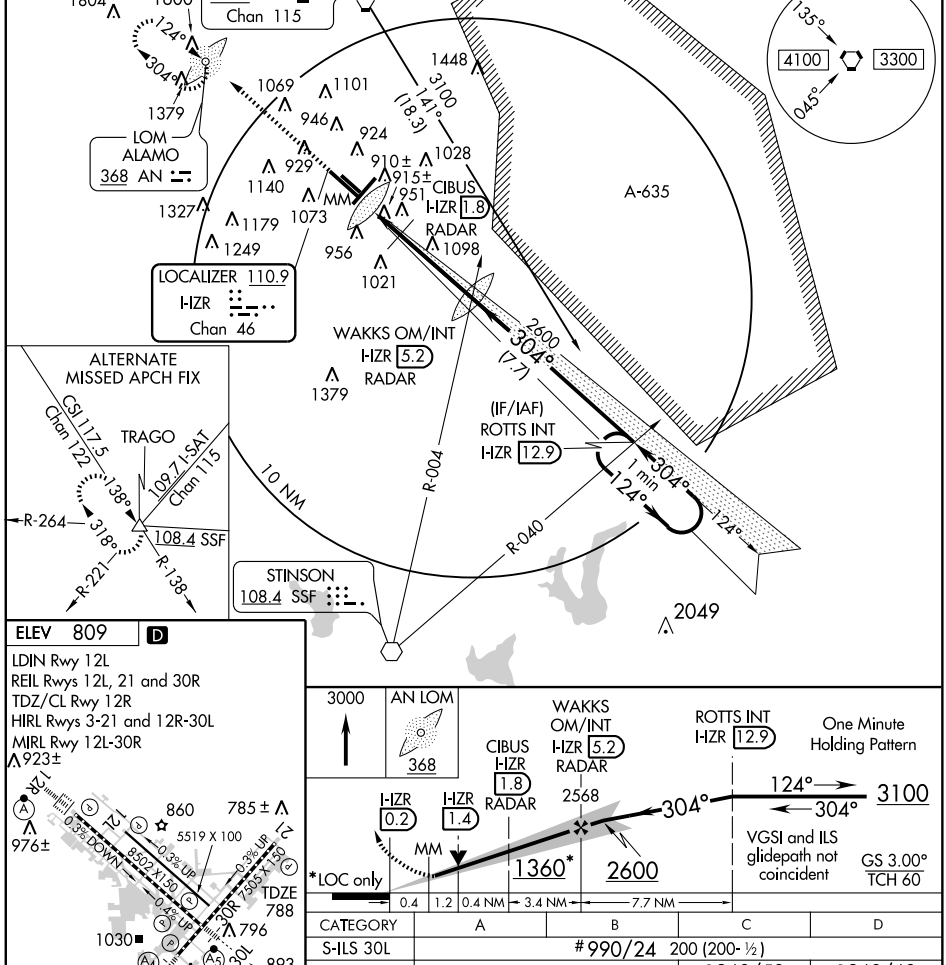
SAN ANTONIO INTL (SAT)

Circling NA southwest of Rwy 12R-30L. ADF required.
RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3000 direct ALAMO LOM and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7



ELEV 809 D

LDIN Rwy 12L
REIL Rwys 12L, 21 and 30R
TDZ/CL Rwy 12R
HIRL Rwys 3-21 and 12R-30L
MIRL Rwy 12L-30R

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D
S-ILS 30L	#990/24 200 (200-½)			
S-LOC 30L	1360/24 570 (600-½)		1360/50 570 (600-1)	1360/60 570 (600-1¼)
SIDESTEP Rwy 30R	1360-1 572 (600-1)		1360-1½ 572 (600-1½)	1360-2 572 (600-2)
CIRCLING	1360-1 551 (600-1)		1360-1½ 551 (600-1½)	1380-2 571 (600-2)
CIBUS FIX MINIMUMS				
S-LOC 30L	1200/24 410 (400-½)		1200/40 410 (400-¾)	

SC-3, 17 DEC 2009 to 14 JAN 2010

SAN ANTONIO, TEXAS AL-369 (FAA)

LOC/DME I-ANT	APP CRS	Rwy 12R ldg	8502
110.9	124°	TDZE	809
Chan 46		Apt Elev	809

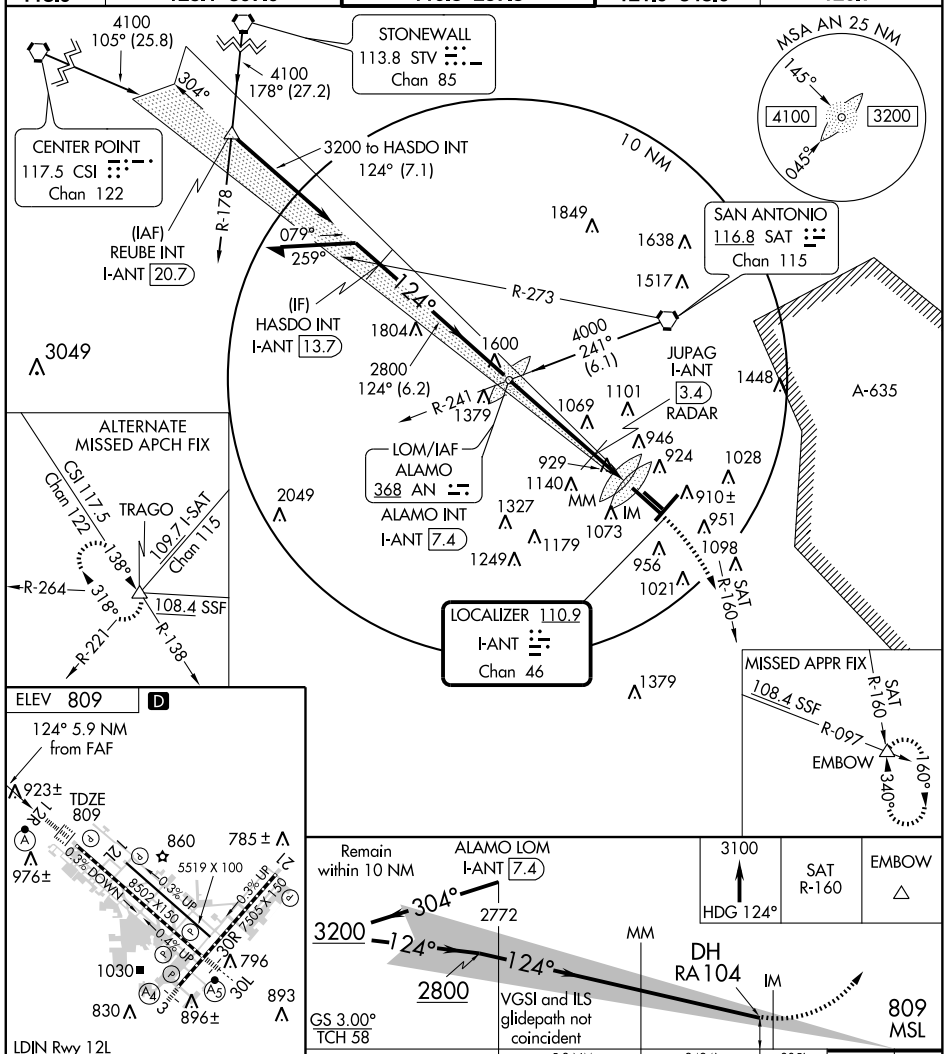
ILS RWY 12R (CAT II)

SAN ANTONIO INTL (SAT)

ALSF-2

MISSED APPROACH: Climb to 3100 via heading 124° and SAT R-160 to EMBOW INT and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7



ELEV 809 D

LDIN Rwy 12L
TDZ/CL Rwy 12R
REIL Rwys 12L, 21 and 30R
HIRL Rwys 3-21 and 12R-30L
MIRL Rwy 12L-30R

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

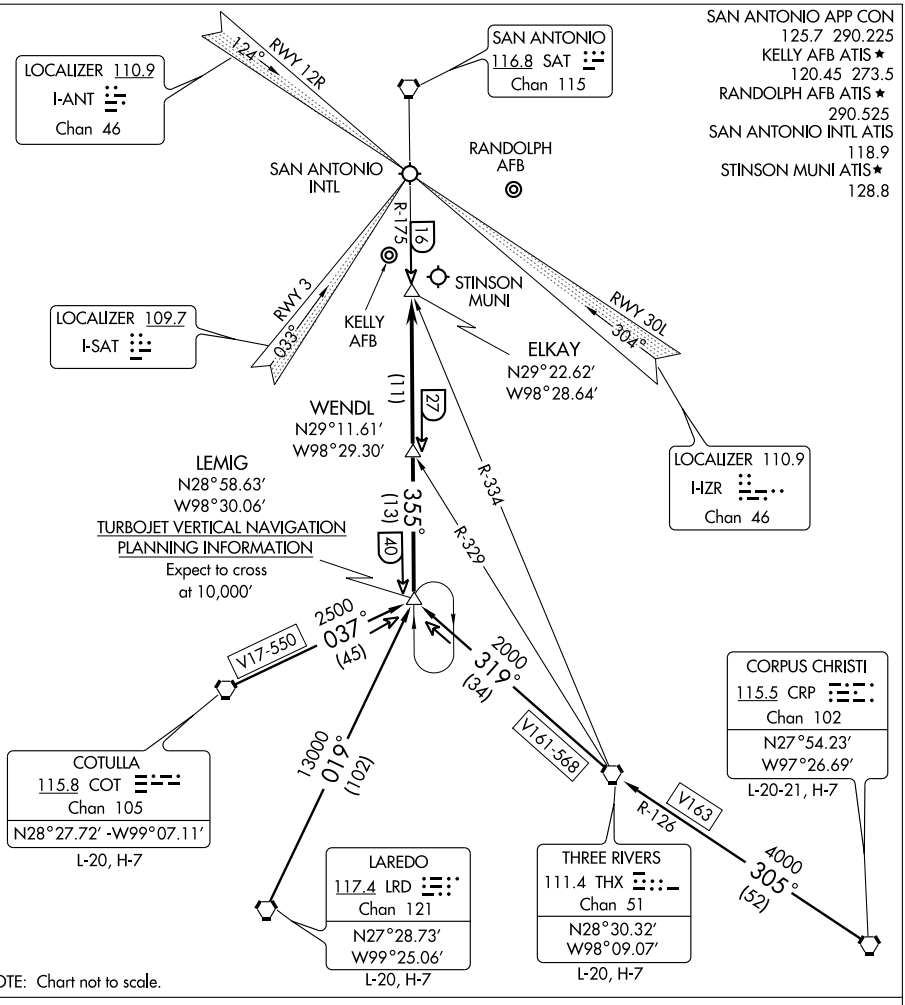
CATEGORY	A	B	C	D
S-ILS 12R	RA 104/12 100 DA 909			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SC-3, 17 DEC 2009 to 14 JAN 2010

LEMIG ONE ARRIVAL (LEMIG.LEMIG1)

SAN ANTONIO, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LEMIG1): From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT. Thence . . . .

COTULLA TRANSITION (COT.LEMIG1): From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . . .

LAREDO TRANSITION (LRD.LEMIG1): From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . . .

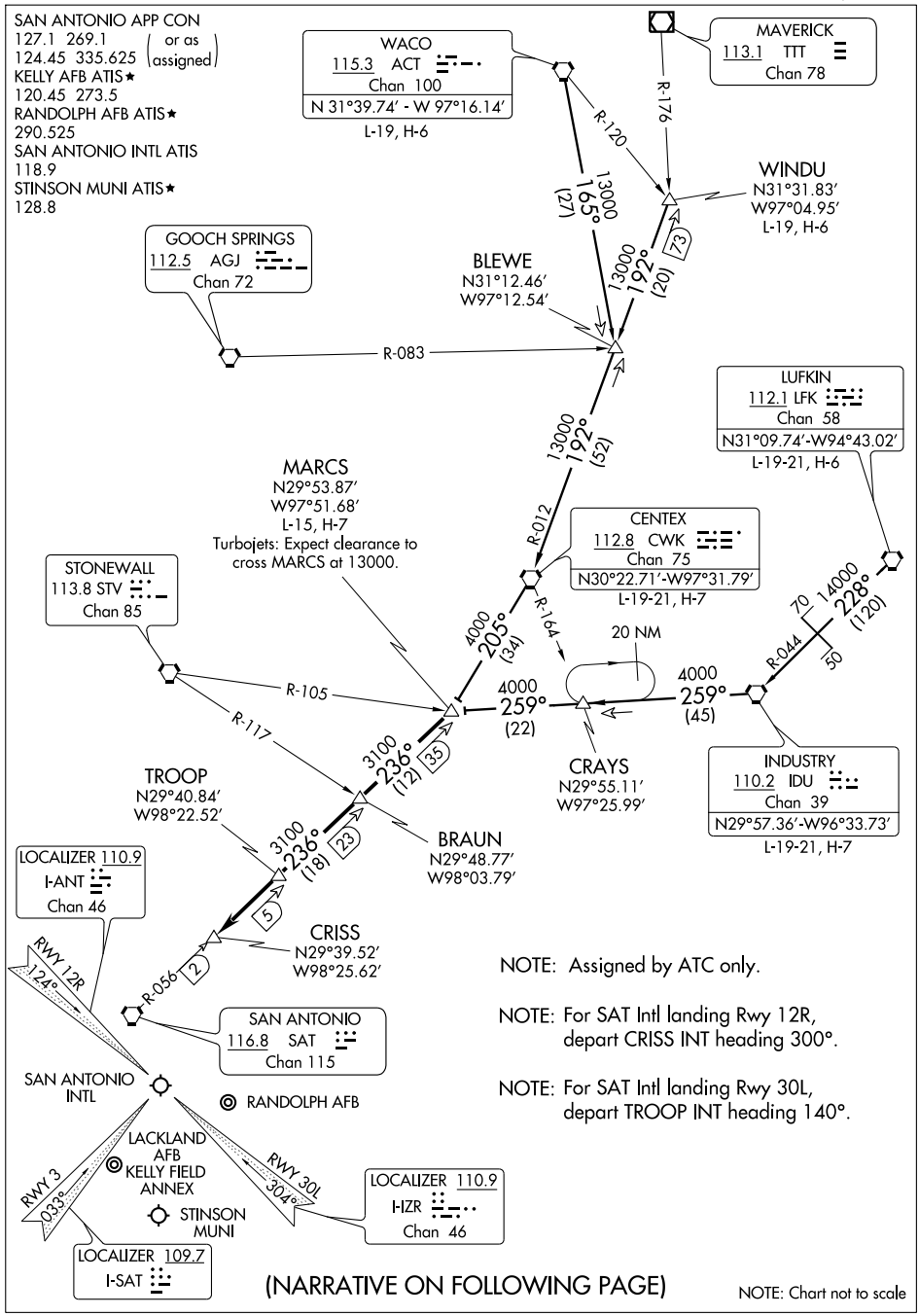
THREE RIVERS TRANSITION (THX.LEMIG1): From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . . .

. . . . ALL AIRPORTS: From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

SAN ANTONIO, TEXAS



NOTE: Assigned by ATC only.

NOTE: For SAT Intl landing Rwy 12R, depart CRISS INT heading 300°.

NOTE: For SAT Intl landing Rwy 30L, depart TROOP INT heading 140°.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.MARCS9): From over CWK VORTAC via CWK R-205 to MARCS INT. Thence. . . .

INDUSTRY TRANSITION (IDU.MARCS9): From over IDU VORTAC via IDU R-259 to MARCS INT. Thence. . . .

LUFKIN TRANSITION (LFK.MARCS9): From over LFK VORTAC via LFK R-228 and IDU R-044 to IDU VORTAC, then via IDU R-259 to MARCS INT. Thence. . . .

WACO TRANSITION (ACT.MARCS9): From over ACT VORTAC via ACT R-165 to BLEWE INT, then via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

WINDU TRANSITION (WINDU.MARCS9): From over WINDU INT via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

. . . . From over MARCS INT via SAT R-056 to CRISS INT. Expect radar vectors to final approach course. Landing other than SAT Rwy 12R/30L expect radar vectors to final approach course after CRISS INT.

SC-3, 17 DEC 2009 to 14 JAN 2010

SAN ANTONIO, TEXAS

WAAS	APP CRS	Rwy Idg	7505
CH 77613	033°	TDZE	786
W03A		Apt Elev	809

AL-369 (FAA)

RNAV (GPS) RWY 3

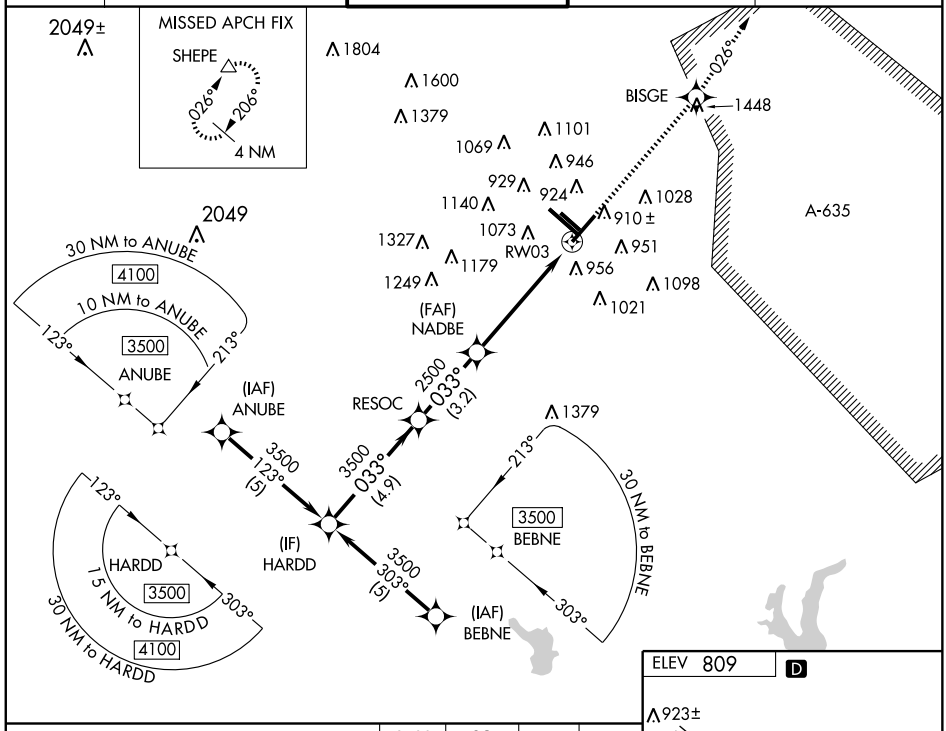
SAN ANTONIO INTL (SAT)

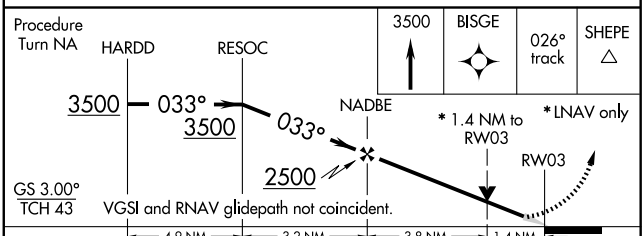
T Inoperative table does not apply to LNAV/VNAV, and LNAV Cat C. Circling NA southwest of Rwy 12R-30L. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

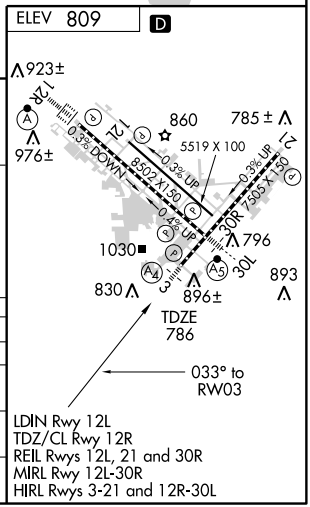
MALS A4

MISSED APPROACH: Climb to 3500 direct BISGE and via track 026° to SHEPE and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7







CATEGORY	A	B	C	D
LPV DA	986/40 200 (200-¾)			
LNAV/VNAV DA	1360-2 574 (600-2)			
LNAV MDA	1280/40 494 (500-¾)		1280/60 494 (500-1¼)	1280-1½ 494 (500-1½)
CIRCLING	1300-1 491 (500-1)		1320-1½ 511 (600-1½)	1380-2 571 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82409 W12A	APP CRS 124°	Rwy Idg 8502 TDZE 809 Apt Elev 809

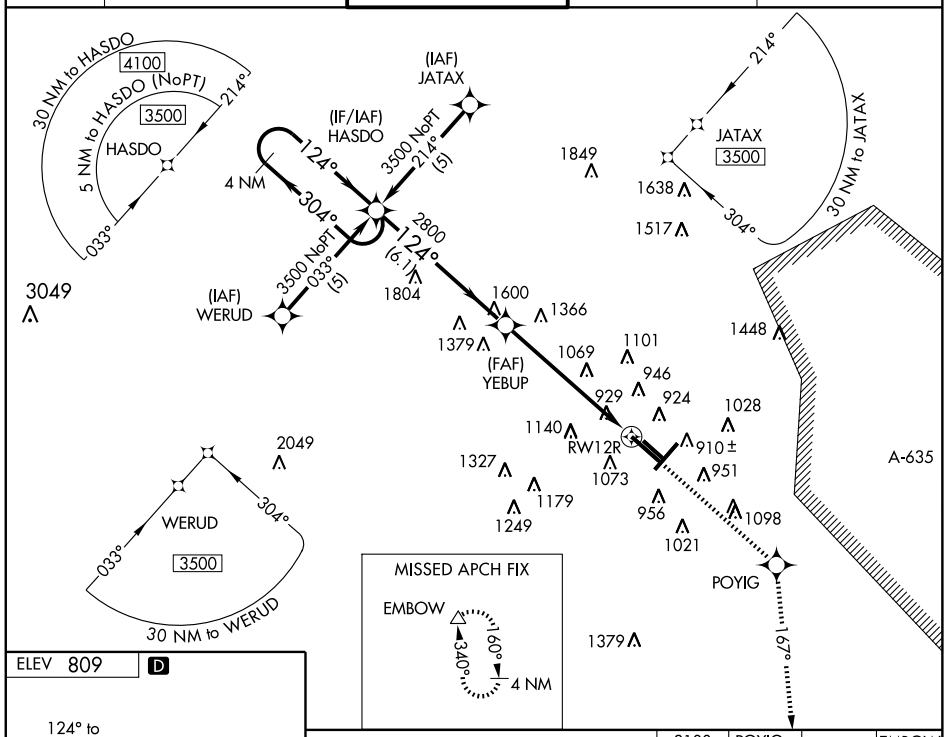
RNAV (GPS) RWY 12R
SAN ANTONIO INTL (SAT)

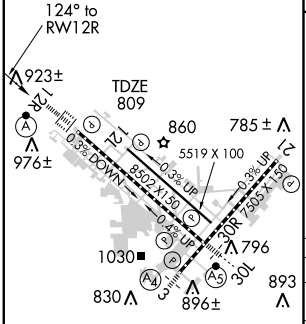
For inoperative ALSF-2, increase LPV all Cats visibility to 1 mile. Circling NA southwest of Rwy 12R-30L. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

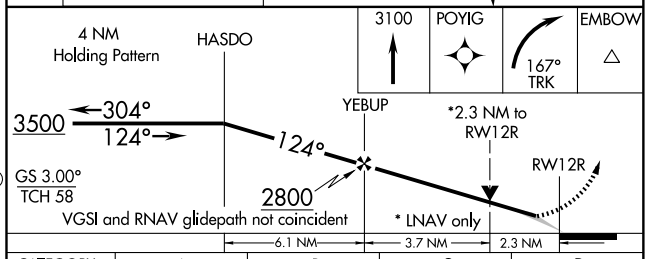
ALSF-2

MISSED APPROACH: Climb to 3100 direct POYIG and right turn via 167° track to EMBOW and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7







CATEGORY	A	B	C	D
LPV DA	1107/24 298 (300-½)			
LNAV/VNAV DA	1340/60 531 (600-1¼)			
LNAV MDA	1620/24 811 (900-½)	1620/40 811 (900-¾)	1620-2 811 (900-2)	1620-2¼ 811 (900-2¼)
CIRCLING	1620-1 811 (900-1)	1620-1¼ 811 (900-1¼)	1620-2½ 811 (900-2½)	1620-2¾ 811 (900-2¾)

LDIN Rwy 12L
TDZ/CL Rwy 12R
REIL Rwys 12L, 21 and 30R
MIRL Rwy 12L-30R
HIRL Rwys 3-21 and 12R-30L

SC-3, 17 DEC 2009 to 14 JAN 2010

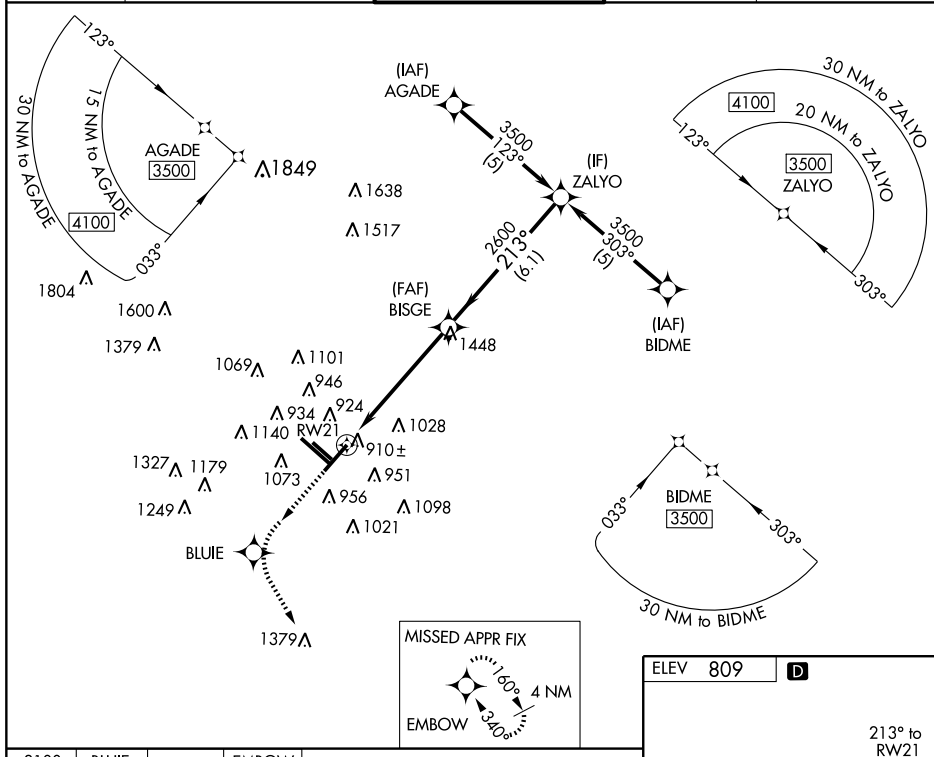
WAAS	APP CRS	Rwy Idg	7505
CH 50121	213°	TDZE	773
W21A		Apt Elev	809

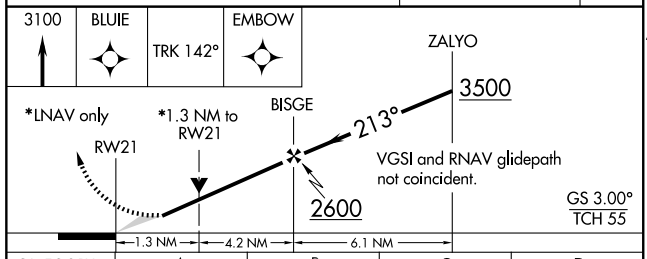
RNAV (GPS) RWY 21
SAN ANTONIO INTL (SAT)

T Circling NA southwest of Rwys 12R and 30L.
DME/DME RNP-0.3 NA. Baro-VNAV NA below -16°C (4°F)

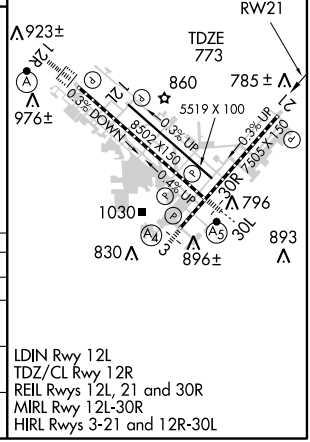
MISSED APPROACH: Climb to 3100 direct BLUIE and via 142° track to EMBOW and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7





CATEGORY	A	B	C	D
LPV DA	1030-1 257 (300-1)			
LNAV/VNAV DA	1200-1½ 427 (500-1½)			
LNAV MDA	1240-1 467 (500-1)		1240-1¼ 467 (500-1¼)	1240-1½ 467 (500-1½)
CIRCLING	1380-1½ 571 (600-1½)		1380-1½ 571 (600-1½)	1440-2 631 (700-2)



SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61209 W30A	APP CRS 304°	Rwy Idg 8502 TDZE 790 Apt Elev 809

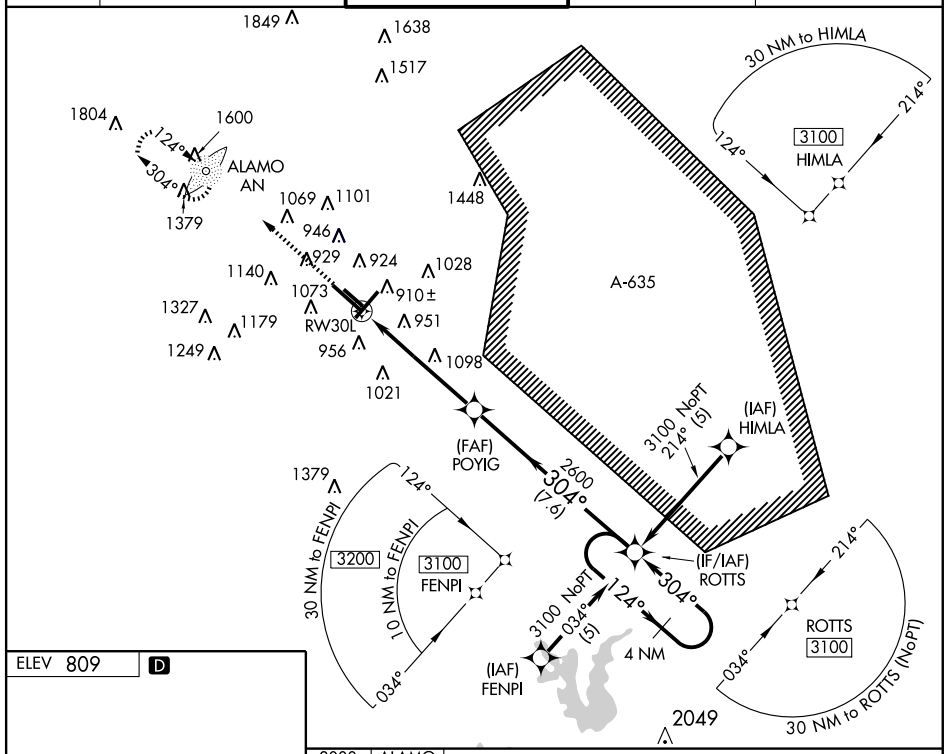
RNAV (GPS) RWY 30L
SAN ANTONIO INTL (SAT)

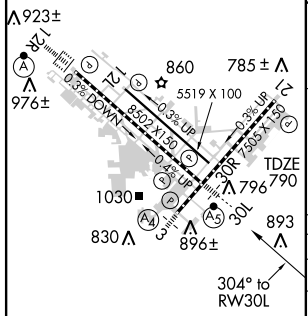
For inoperative MALSR, increase LPV all Cats visibility to 1½ miles. Circling NA southwest of Rwy 12R-30L. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

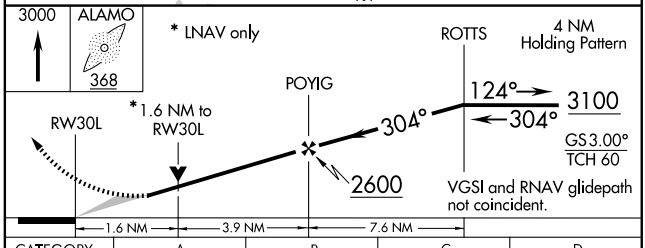
MALSR

MISSED APPROACH: Climb to 3000 direct ALAMO LOM and hold.

ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7







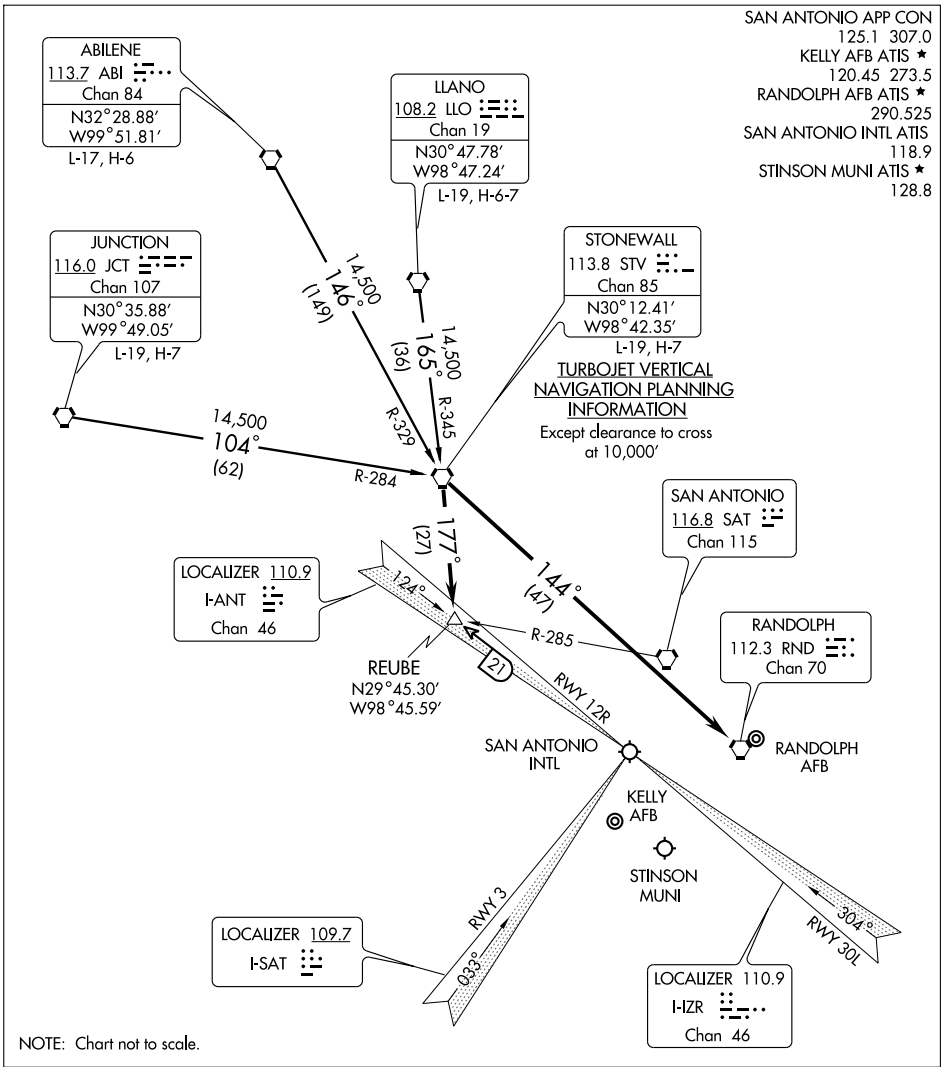
CATEGORY	A	B	C	D
LPV DA	1207/50 417 (400-1)			
LNAV/VNAV DA	1246/50 456 (500-1)			
LNAV MDA	1360/24 570 (600-½)		1360/50 570 (600-1)	1360/60 570 (600-1¼)
CIRCLING	1360-1 551 (600-1)		1360-1½ 551 (600-1½)	1380-2 571 (600-2)

LDIN Rwy 12L
TDZ/CL Rwy 12R
REIL Rwys 12L, 21 and 30R
MIRL Rwy 12L-30R
HIRL Rwys 3-21 and 12R-30L

SC-3, 17 DEC 2009 to 14 JAN 2010

STONEWALL ONE ARRIVAL (STV. STV1)

SAN ANTONIO, TEXAS



ABILENE TRANSITION (ABI.STV1): From over ABI VORTAC via ABI R-146 and STV R-329 to STV VORTAC. Thence . . . .

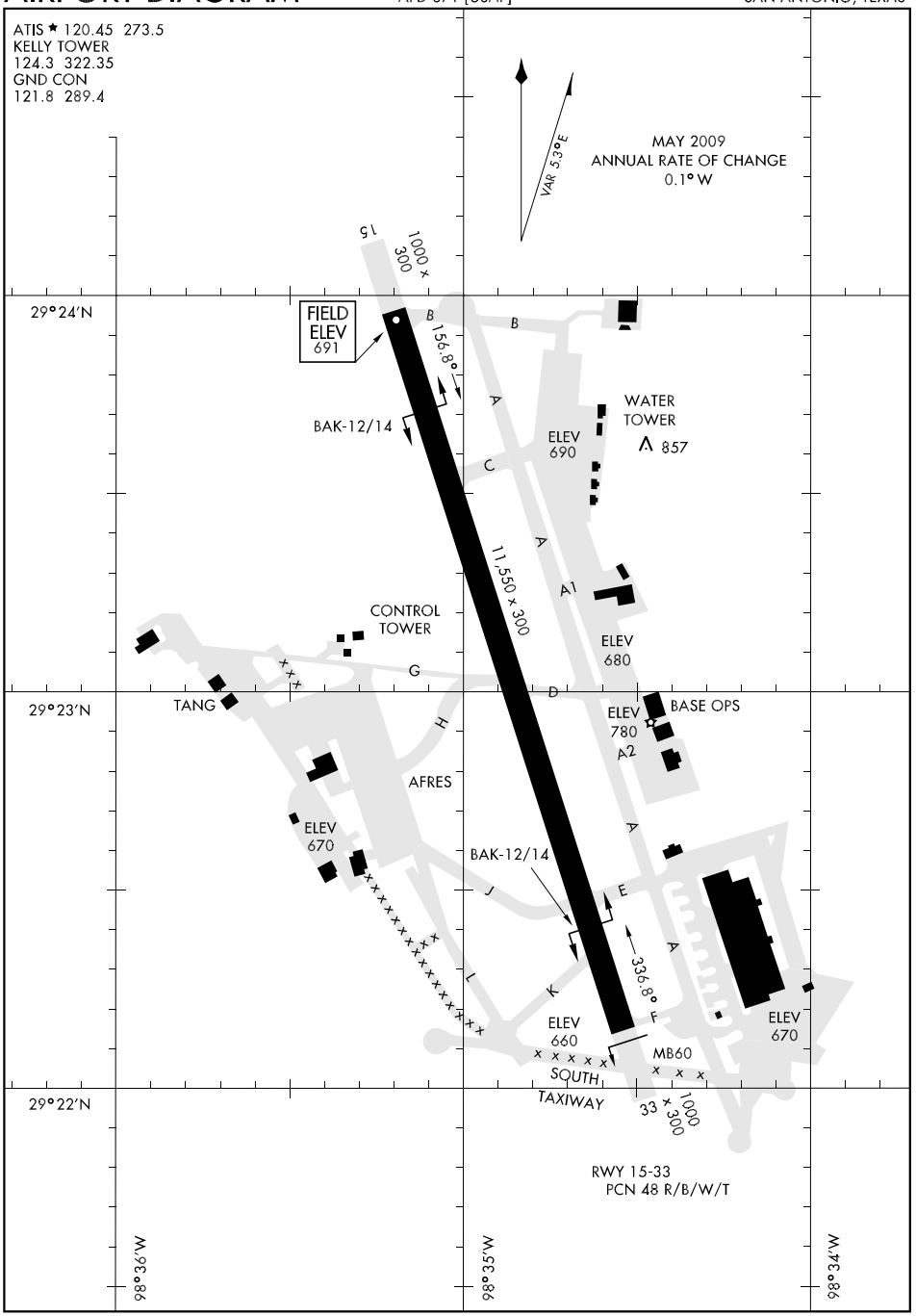
JUNCTION TRANSITION (JCT.STV1): From over JCT VORTAC via JCT R-104 and STV R-284 to STV VORTAC. Thence . . . .

LLANO TRANSITION (LLO.STV1): From over LLO VORTAC via LLO R-165 and STV R-345 to STV VORTAC. Thence . . . .

ALL AIRPORTS EXCEPT RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via STV R-177 to REUBE INT. Expect radar vectors to final approach course.

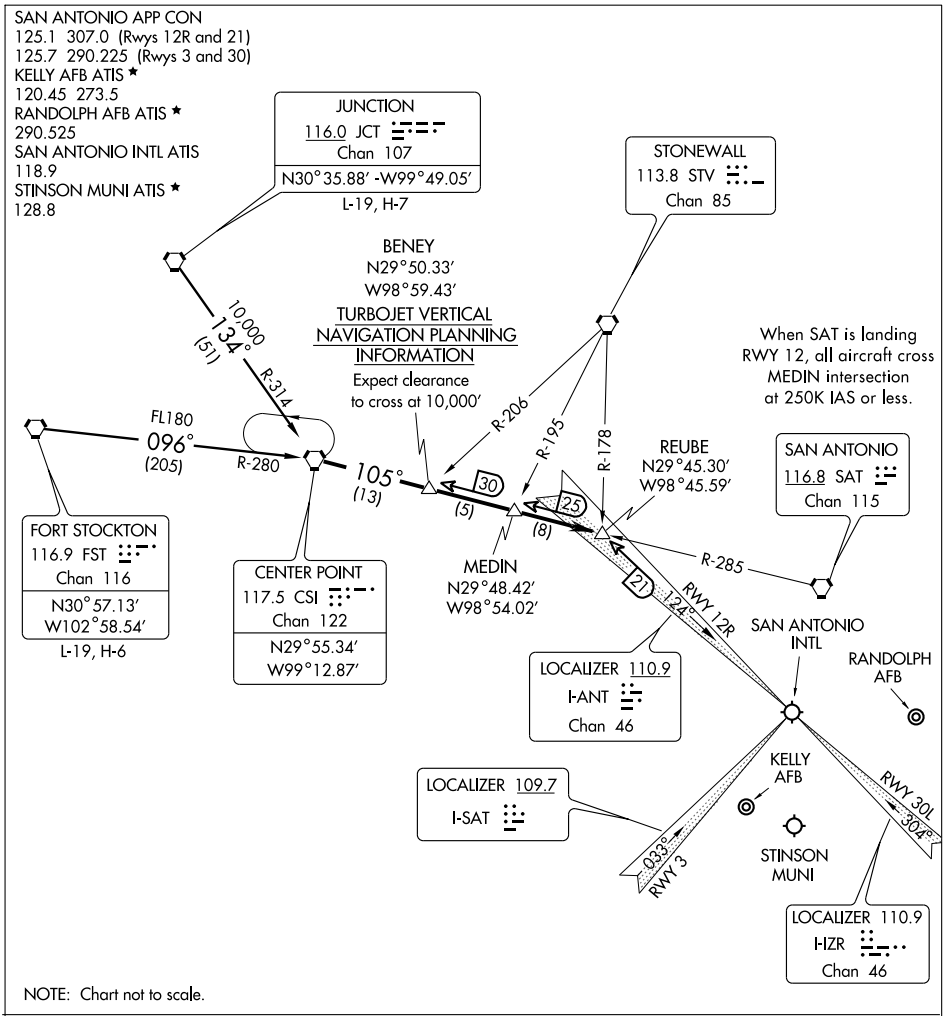
RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via direct RND VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010


ATIS ★ 120.45 273.5
KELLY TOWER
124.3 322.35
GND CON
121.8 289.4
VAR 5.3°E
MAY 2009
ANNUAL RATE OF CHANGE
0.1° W
15
1000 x 300
29°24'N
FIELD ELEV 691
B
156.8°
BAK-12/14
WATER TOWER
857
ELEV 690
A
C
A1
11,550 x 300
CONTROL TOWER
G
ELEV 680
D
29°23'N
TANG
H
AFRES
ELEV 670
BASE OPS
ELEV 780
A2
BAK-12/14
J
E
336.8°
F
K
L
ELEV 660
ELEV 670
MB60
SOUTH TAXIWAY
33 x 300
1000
RWY 15-33
PCN 48 R/B/W/T
29°22'N
98°36'W
98°35'W
98°34'W

CENTERPOINT ONE ARRIVAL (CSI.CSI1)

SAN ANTONIO, TEXAS



FORT STOCKTON TRANSITION (FST.CSI1): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.CSI1): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . . .

. . . . From over CSI VORTAC via CSI R-105 to REUBE INT. Expect vector to final approach course.

SATELLITE AIRPORTS: Conform to SAT routing and frequency assignment.

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 15

LOC I-SKF	APCH CRS	Rwy ldg 11,550
110.1	155°	TDZE 691
		Arpt Elev 691

JAL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

* When ALS inop, increase CAT CDE RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT CD RVR vis to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.

ALSF-1 (A1)

MISSED APPROACH: Climb on track 155° until intercepting KSY R-160, cross 4 DME at or below 2500, then climb to 3000 direct FITER and hold.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

*** Circling not authorized E of Rwy 15-33.

3049

R-294

R-334

LR-324

335°

155°

(IAF) FAMDO KSY 12 1659

ERIPE KSY 12 2049

FEGSA KSY 5.6

FEPET KSY 2.4

1368

Arc

1130

EMDIS KSY 12 1106

1021

R-259

1087

KSY

EMELA KSY 12 1210

R-209

KSY 4

2049

EMPOD KSY 12

1608

FITER KSY 15

R-227

20 NM

Max holding 265 KIAS

160°

340°

R-160

1247

KSY 20

Max holding 265 KIAS

029°

KSY 40

209°

029°

(IAF) DUBBY KSY 32

1545

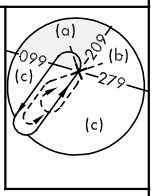
R-209

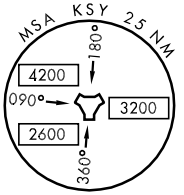
Holding not authorized at DUBBY when RANDOLPH 2A MOA is active.

KELLY
Chan 57 KSY

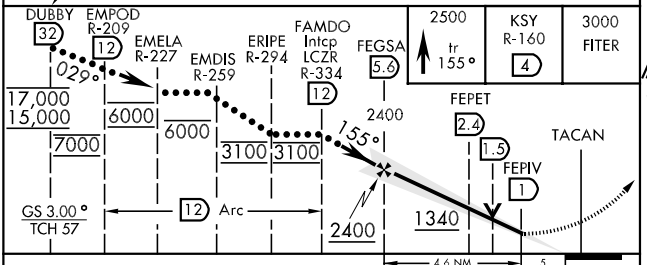
DME avbl on KSY freq 112.0

LOCALIZER 110.1
I-SKF

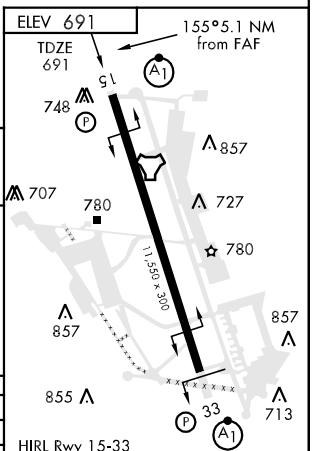




EMERG SAFE ALT 100 NM 4200



VGSI TCH is more than 3° from procedure TCH



CATEGORY	C	D	E
S-ILS 15 *	891/24	200	(200-½)
S-LOC/ ** DME 15	1100/40 409 (500-¾)		1100/50 409 (500-1)
CIRCLING ***	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209 (1300-3)

LOC FAF to MAP 4.6 NM

Knots	120	140	160	180	200
Min:Sec	2:18	1:58	1:43	1:32	1:23

HI-ILS or LOC/DME RWY 33

LOC I-OSQ	APCH CRS	Rwy ldg 11,550 TDZE 667 Arpt Elev 691
110.7	335°	

JAL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

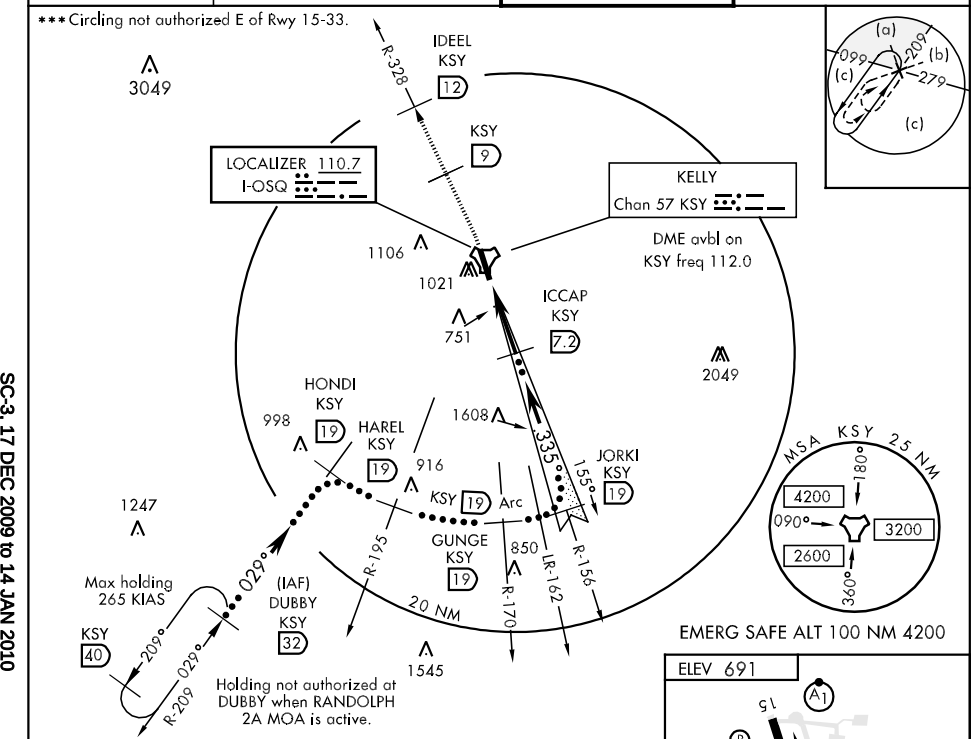
* When ALS inop, increase CAT CDE RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT C RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

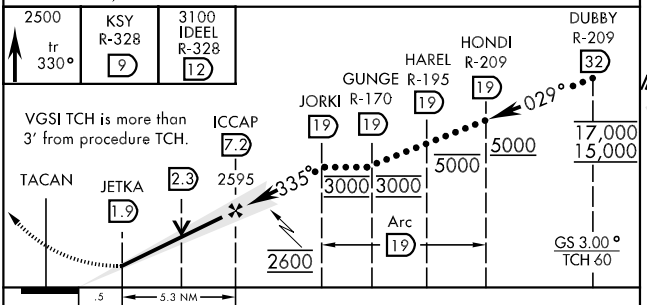
ALSF-1

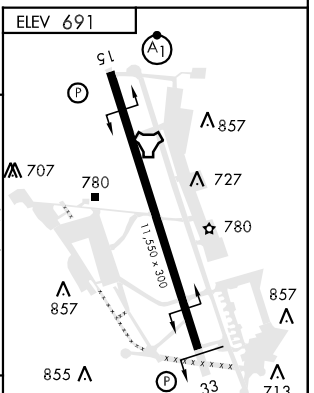
MISSED APPROACH: Track 330° climbing to 2500, intercept the KSY TACAN R-328 to 9 DME, then climb to 3100 direct IDEEL. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

*** Circling not authorized E of Rwy 15-33.







CATEGORY	C	D	E
S-ILS 33 *	867/24 200 (200-½)		
S-LOC/ DME 33 **	1040/40 373 (400-¾)		
CIRCLING ***	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209 (1300-3)

LOC FAF to MAP 5.3 NM

Knots	120	140	160	180	200
Min:Sec	2:39	2:16	1:59	1:46	1:35

HI-TACAN RWY 15

TACAN KSY Chan 57	APCH CRS 148°	Rwy ldg 11,550 TDZE 691 Arpt Elev 691

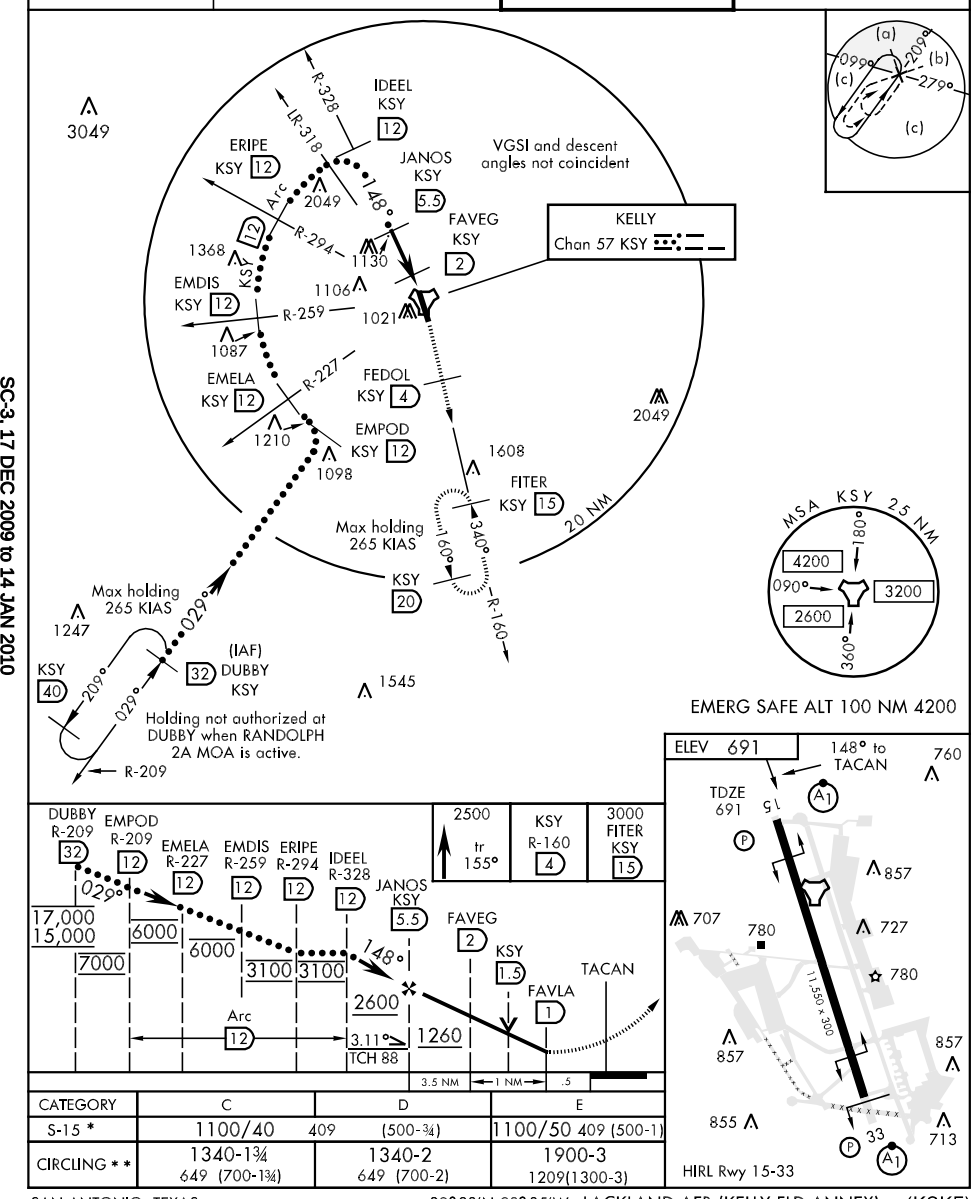
JAL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

* When ALS inop, increase vis CAT CD RVR to 60 and vis to 1¼ mile, CAT E to 1½ miles.
** Circling not authorized E of Rwy 15-33.

ALSF-1

MISSED APPROACH: Climb on track 155° until intercepting KSY TACAN R-160, cross 4 DME at or below 2500 then climb to 3000 direct FITER and hold.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4



CATEGORY	C	D	E
S-15 *	1100/40 409 (500-¾)		1100/50 409 (500-1)
CIRCLING * *	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

HI-TACAN RWY 33

TACAN KSY Chan 57	APCH CRS 340°	Rwy ldg 11,550 TDZE 667 Arpt Elev 691

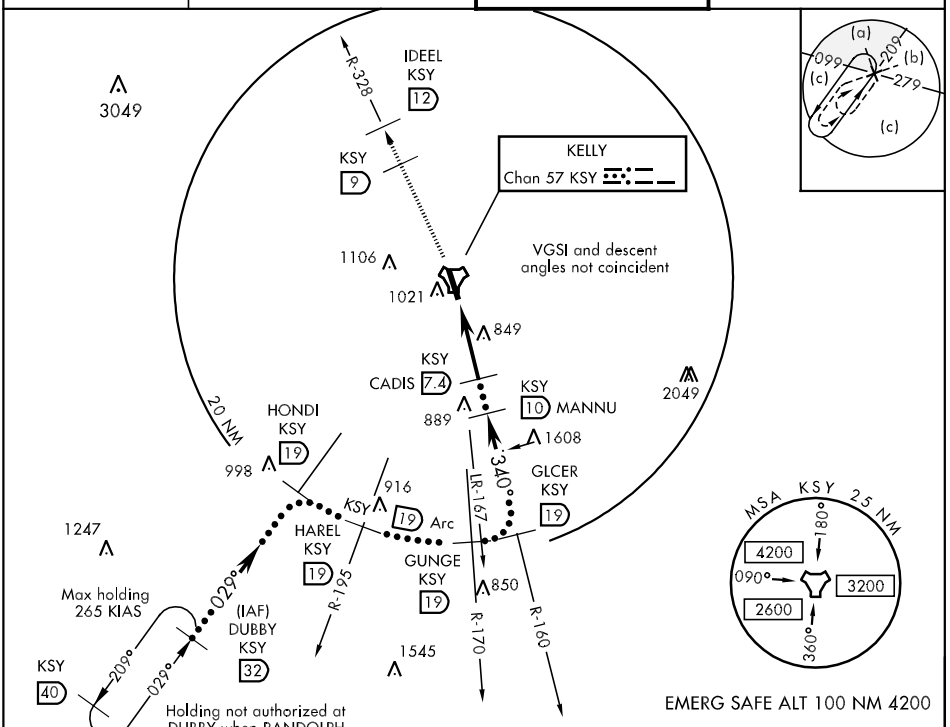
JAL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

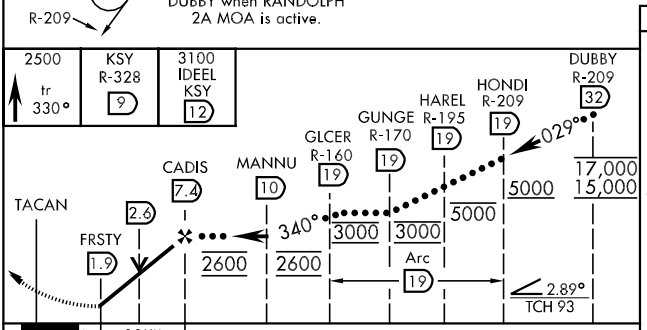
* When ALS inop, increase CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized E of Rwy 15-33.

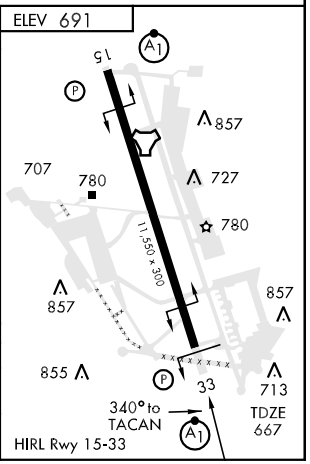
ALSF-1

MISSED APPROACH: Track 330° climbing to 2500, intercept the KSY TACAN R-328 to 9 DME, then climb to 3100 direct IDEEL. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4







CATEGORY	C	D	E
S-33 *	1140/40 473 (500-¾)	1140/50 473 (500-1)	1140/60 473 (500-1¼)
CIRCLING **	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209 (1300-3)

ILS or LOC/DME RWY 15

LOC I-SKF	APCH CRS	Rwy ldg 11,550
110.1	155°	TDZE 691
		Arpt Elev 691

AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

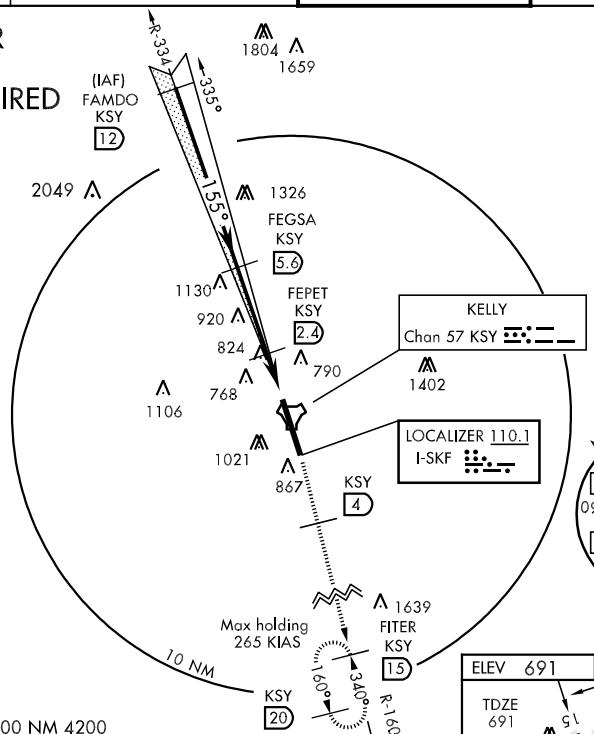
* When ALS inop, increase ALL CAT RVR to 40 and vis to ¾ mile.
** When ALS inop, increase vis CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ miles, CAT E vis to 1½ miles.
***Circling not authorized E of Rwy 15-33.

ALSF-1

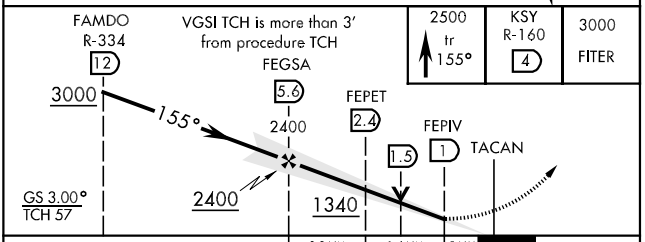
MISSED APPROACH: Climb on track 155° until intercepting KSY R-160, cross 4 DME at or below 2500, then climb to 3000 direct FITER and hold.

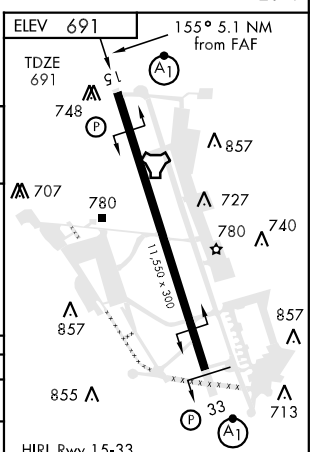
ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

RADAR OR DME REQUIRED



EMERG SAFE ALT 100 NM 4200





CATEGORY	A	B	C	D	E
S-ILS 15 *	891/24		200	(200-½)	
S-LOC/DME 15 **	1100/24 409 (500-½)		1100/40 409 (500-¾)		1100/50 409 (500-1)
CIRCLING ***	1220-1 529 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

LOC FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

SAN ANTONIO, TEXAS

ILS or LOC/DME RWY 33

LOC I-OSQ	APCH CRS	Rwy ldg / TDZE / Arpt Elev
110.7	335°	11,550 / 667 / 691

AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

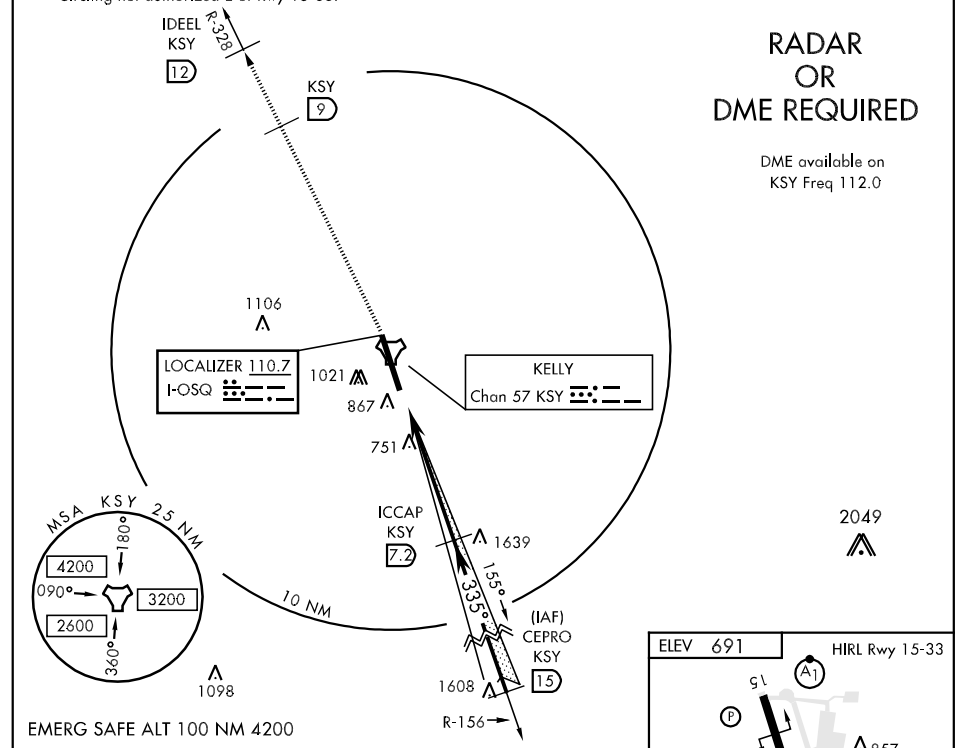
* When ALS inop, increase CAT ABCDE RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

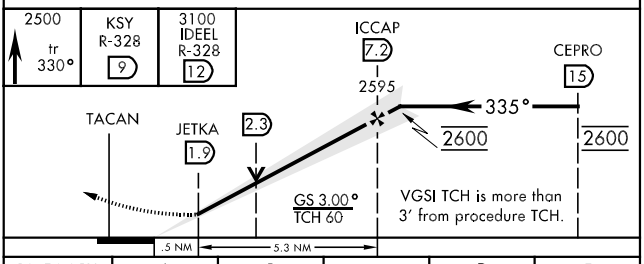
ALSF-1

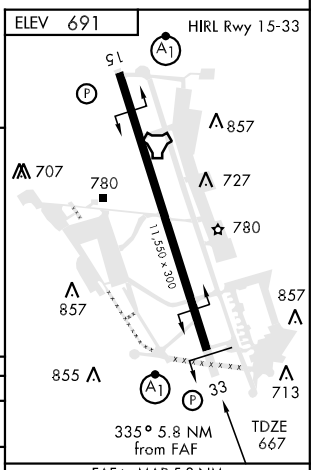
MISSED APPROACH: Track 330° climbing to 2500, intercept the KSY TACAN R-328 to 9 DME, then climb to 3100 direct (IDEEL). Expect ATC instuctions.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

*** Circling not authorized E of Rwy 15-33.







CATEGORY	A	B	C	D	E
S-ILS 33 *	867/24		200	(200-½)	
S-LOC/DME 33 **	1040/24 373 (400-½)		1040/40	373 (400-¾)	
CIRCLING ***	1220-1 529 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

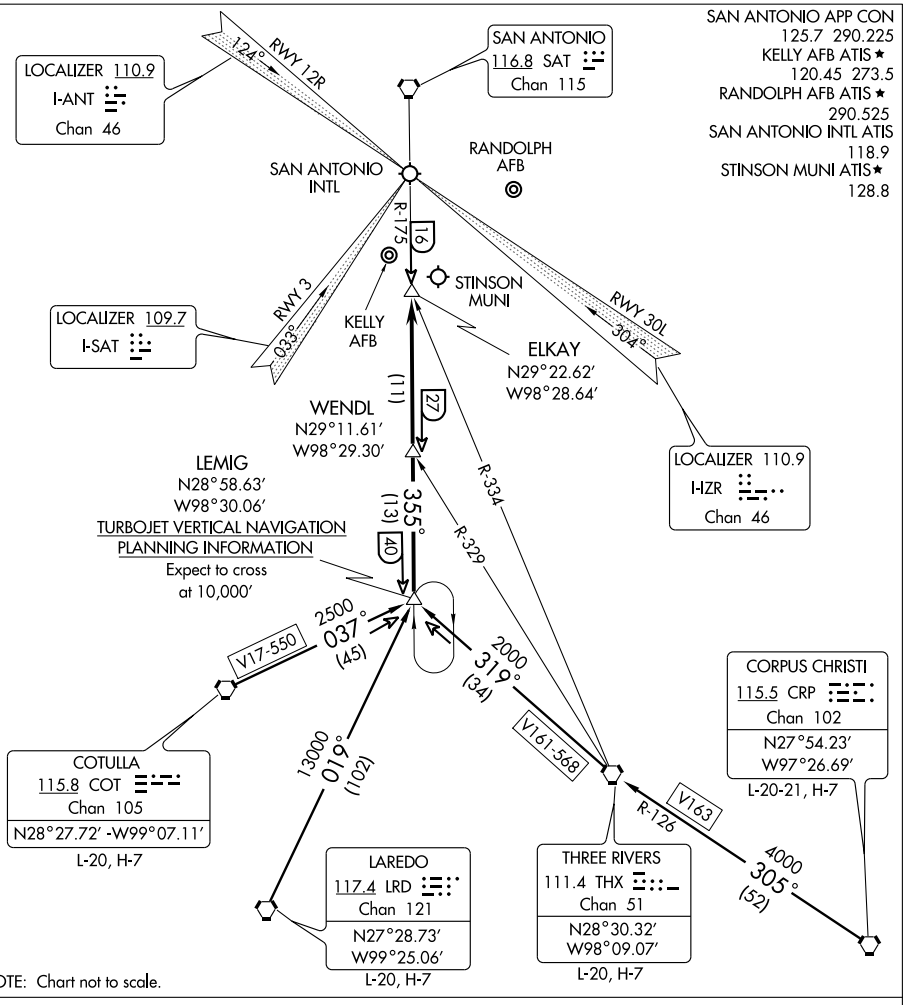
FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

SC-3, 17 DEC 2009 to 14 JAN 2010

LEMIG ONE ARRIVAL (LEMIG.LEMIG1)

SAN ANTONIO, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LEMIG1): From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT. Thence . . . .

COTULLA TRANSITION (COT.LEMIG1): From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . . .

LAREDO TRANSITION (LRD.LEMIG1): From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . . .

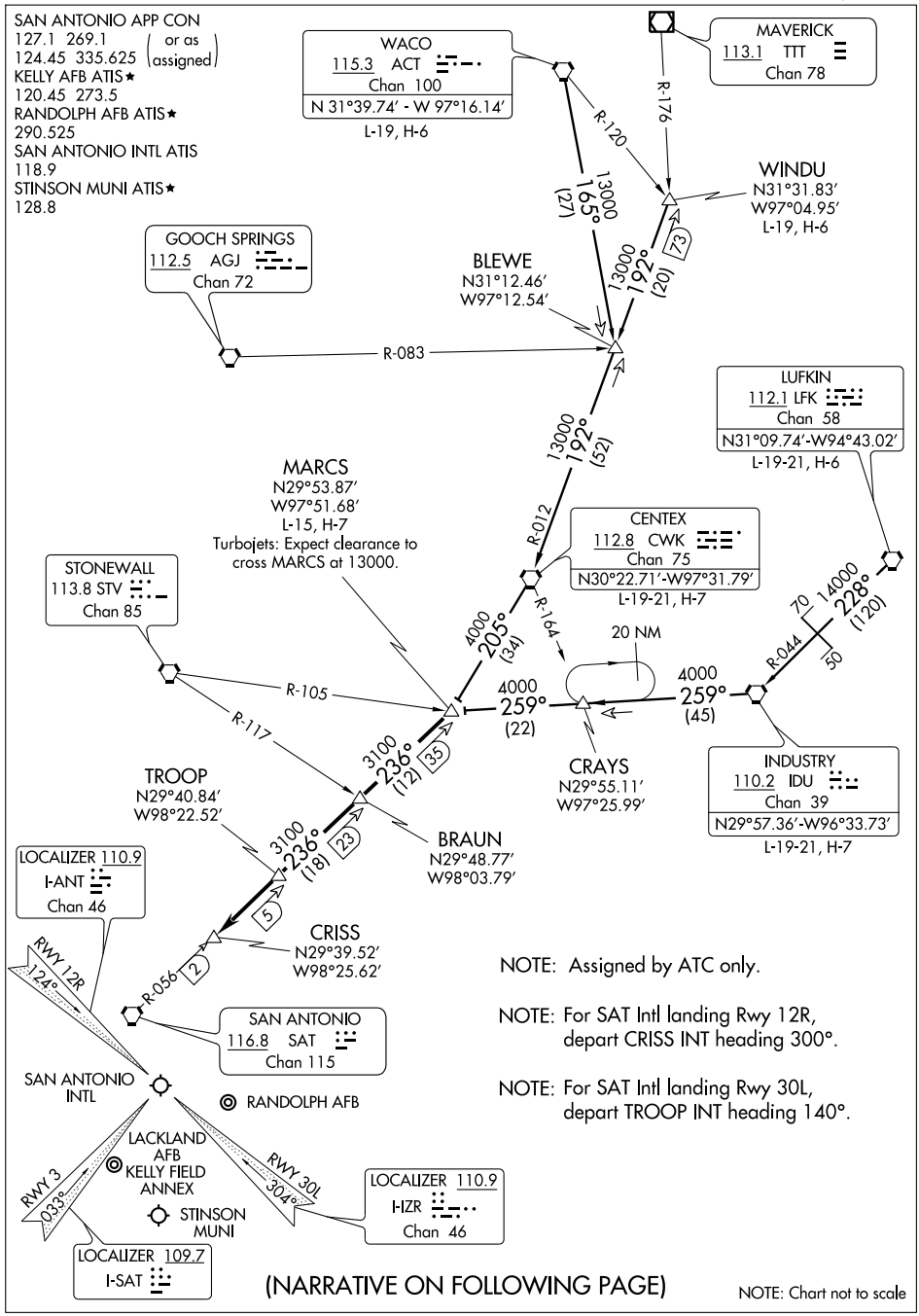
THREE RIVERS TRANSITION (THX.LEMIG1): From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . . .

. . . . ALL AIRPORTS: From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

SAN ANTONIO, TEXAS



NOTE: Assigned by ATC only.

NOTE: For SAT Intl landing Rwy 12R, depart CRISS INT heading 300°.

NOTE: For SAT Intl landing Rwy 30L, depart TROOP INT heading 140°.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.MARCS9): From over CWK VORTAC via CWK R-205 to MARCS INT. Thence. . . .

INDUSTRY TRANSITION (IDU.MARCS9): From over IDU VORTAC via IDU R-259 to MARCS INT. Thence. . . .

LUFKIN TRANSITION (LFK.MARCS9): From over LFK VORTAC via LFK R-228 and IDU R-044 to IDU VORTAC, then via IDU R-259 to MARCS INT. Thence. . . .

WACO TRANSITION (ACT.MARCS9): From over ACT VORTAC via ACT R-165 to BLEWE INT, then via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

WINDU TRANSITION (WINDU.MARCS9): From over WINDU INT via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

. . . . From over MARCS INT via SAT R-056 to CRISS INT. Expect radar vectors to final approach course. Landing other than SAT Rwy 12R/30L expect radar vectors to final approach course after CRISS INT.

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 15

APCH CRS	Rwy ldg	11,550
155°	TDZE	691
	Arpt Elev	691

AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

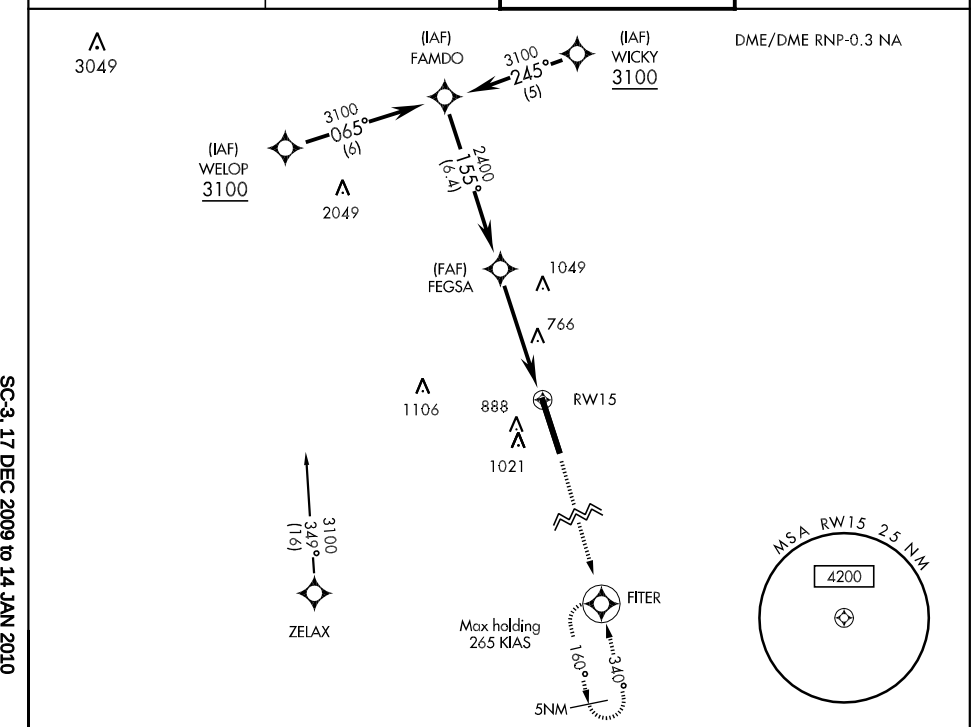
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized E of Rwy 15-33.

ALSF-1

MISSED APPROACH: Climb to 3000 direct FITER and hold.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

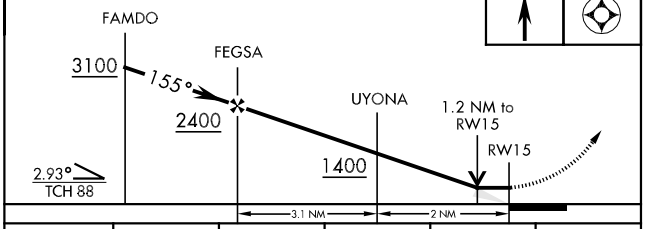
DME/DME RNP-0.3 NA

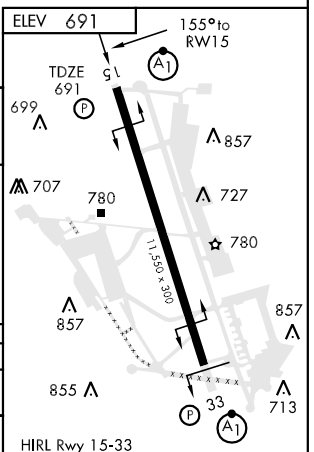


EMERG SAFE ALT 100 NM 4200 FROM RW15

VGSI and descent angles not coincident

3000 FITER





CATEGORY	A	B	C	D	E
LNAV MDA *	1160/24 469 (500-½)		1160/40 469 (500-¾)	1160/50 469 (500-1)	1160/60 469 (500-1¼)
CIRCLING **	1220-1 529 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

RNAV (GPS) RWY 33

APCH CRS	Rwy ldg	11,550
335°	TDZE	667
	Arpt Elev	691

AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

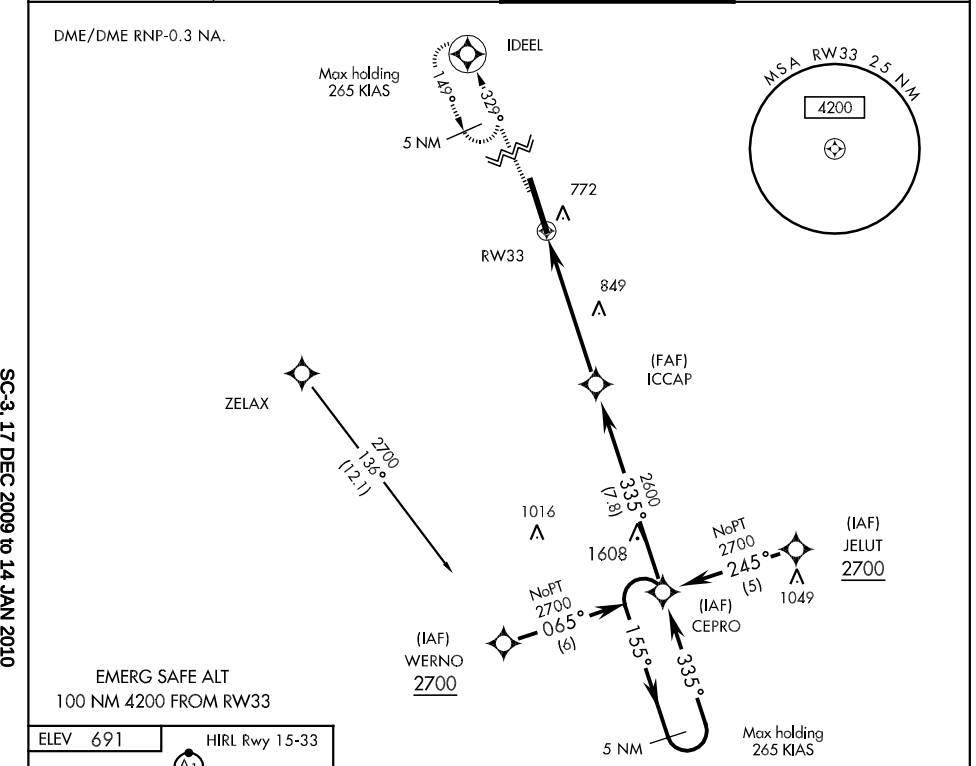
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, and CAT E vis to 2 miles.
** Circling not authorized E of Rwy 15-33.

ALSF-1

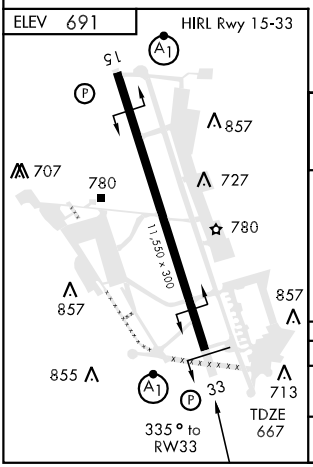
MISSED APPROACH: Climb to 3100 direct IDEEL and hold.

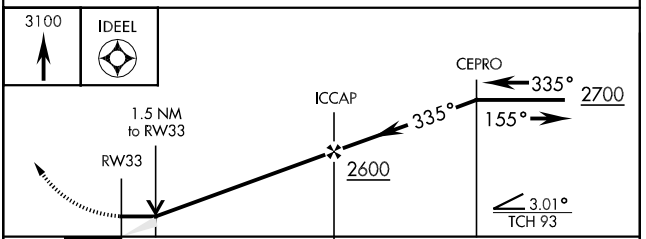
ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

DME/DME RNP-0.3 NA.



EMERG SAFE ALT
100 NM 4200 FROM RW33



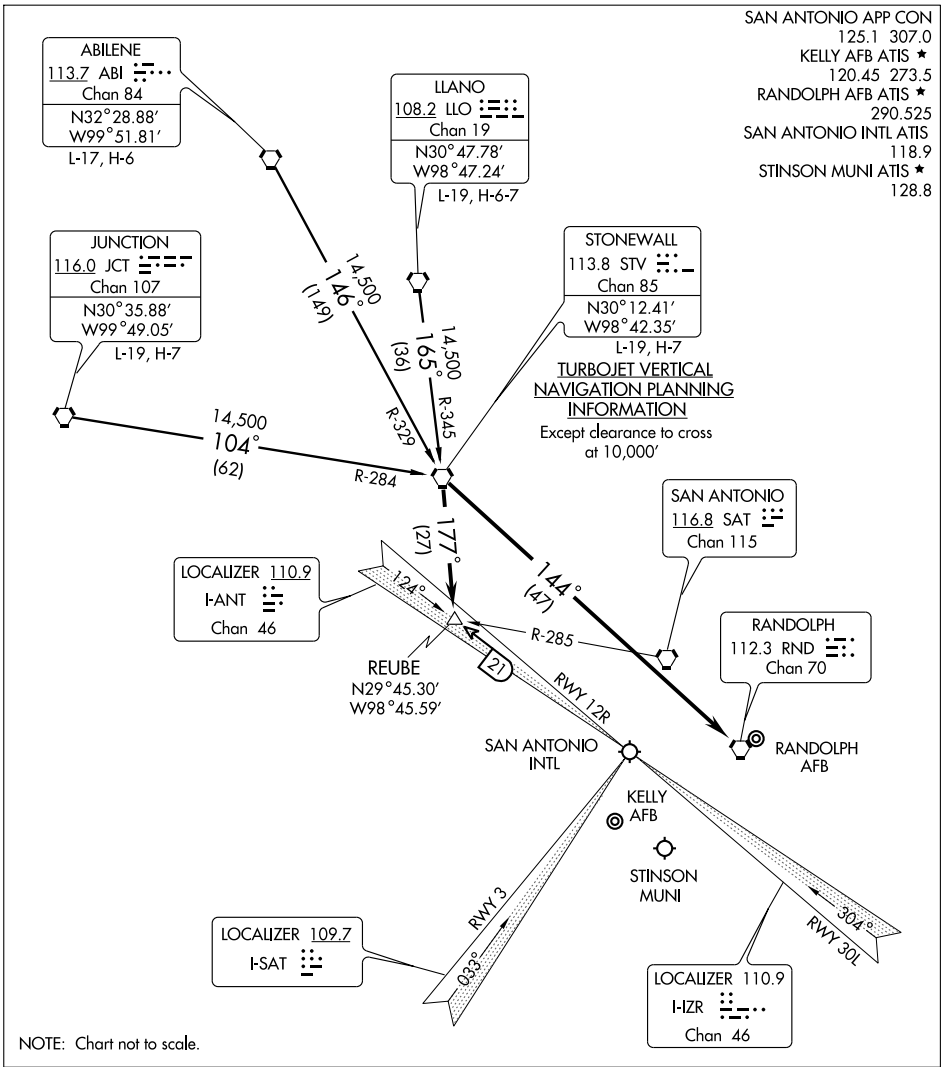


CATEGORY	A	B	C	D	E
LNAV MDA *	1240/24 573 (600-½)		1240/50 573 (600-1)	1240/60 573 (600-1¼)	1240-1½ 573 (600-1½)
CIRCLING **	1240-1 549 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

STONEWALL ONE ARRIVAL (STV. STV1)

SAN ANTONIO, TEXAS



ABILENE TRANSITION (ABI.STV1): From over ABI VORTAC via ABI R-146 and STV R-329 to STV VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.STV1): From over JCT VORTAC via JCT R-104 and STV R-284 to STV VORTAC. Thence . . . .

LLANO TRANSITION (LLO.STV1): From over LLO VORTAC via LLO R-165 and STV R-345 to STV VORTAC. Thence . . . .

ALL AIRPORTS EXCEPT RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via STV R-177 to REUBE INT. Expect radar vectors to final approach course.

RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via direct RND VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

TACAN RWY 15

TACAN KSY Chan 57	APCH CRS 148°	Rwy ldg 11,550 TDZE 691 Arpt Elev 691

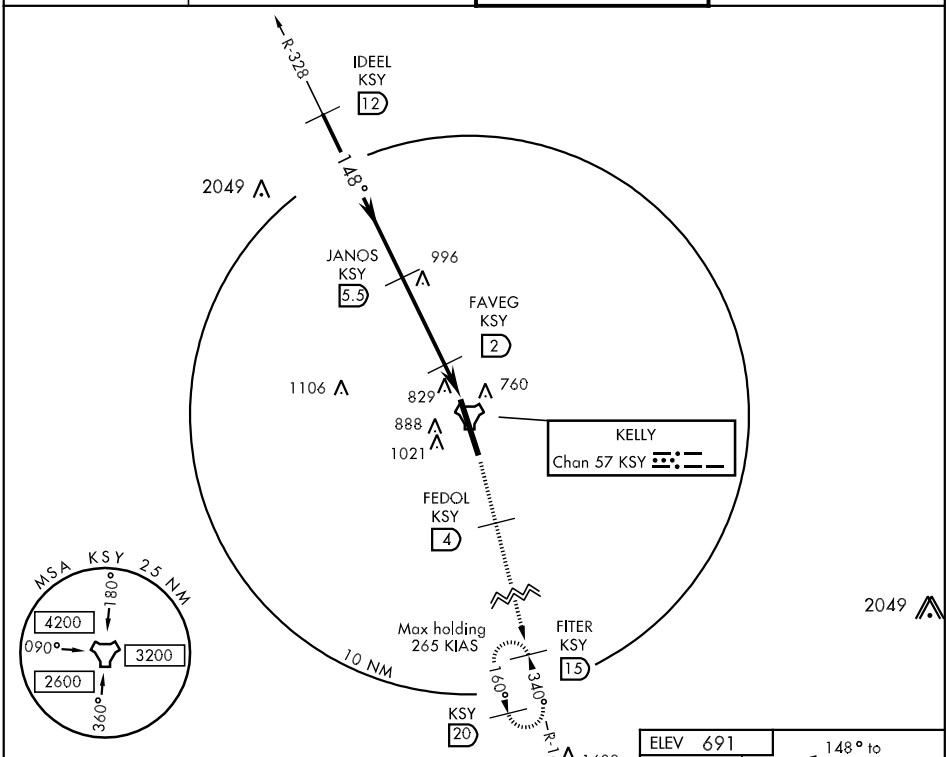
AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

* When ALS inop, increase vis CAT AB RVR to 50 and vis to 1 mile, CAT CD RVR to 60 and vis to 1¼ mile, CAT E vis to 1½ miles.
** Circling not authorized E of Rwy 15-33.

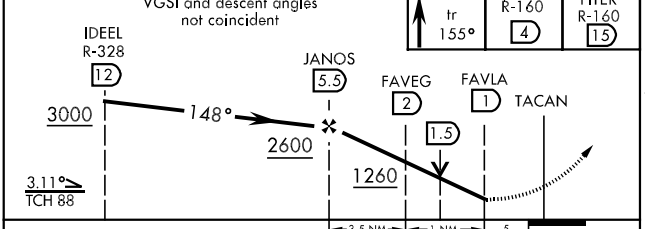
ALSF-1

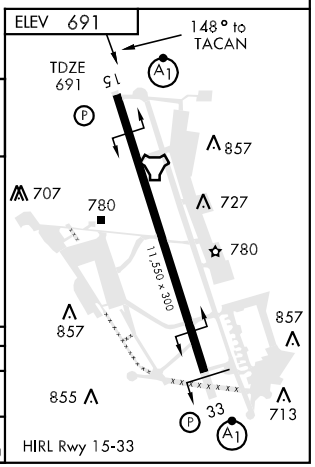
MISSED APPROACH: Climb on track 155° until intercepting KSY R-160, cross 4 DME at or below 2500 then climb to 3000 direct FITER and hold.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4



2500 tr 155°	KSY R-160 4	3000 FITER R-160 15





CATEGORY	A	B	C	D	E
S-15 *	1100/24 409 (500-½)		1100/40 409 (500-¾)		1100/50 409 (500-1)
CIRCLING **	1220-1 529 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

TACAN RWY 33

TACAN KSY	APCH CRS	Rwy ldg 11,550 TDZE 667 Arpt Elev 691
Chan 57	340°	

AL-371 [USAF] LACKLAND AFB (KELLY FLD ANNEX) (KSKF)

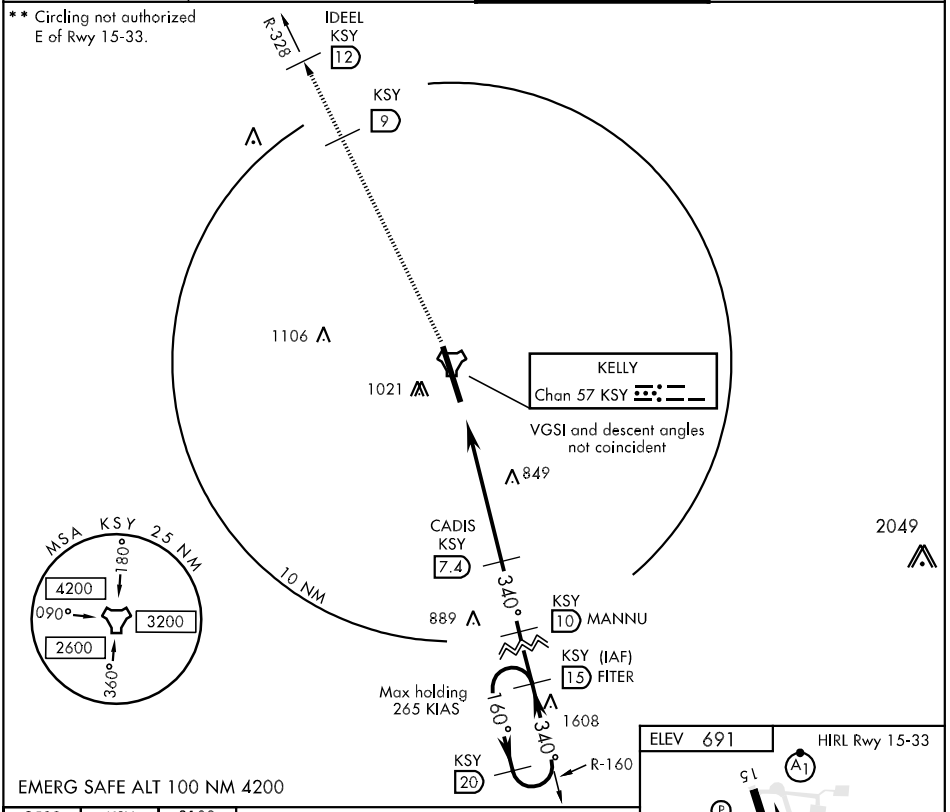
* When ALS inop, increase vis CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.

ALSF-1

MISSED APPROACH: Track 330° climbing to 2500, intercept the KSY TACAN R-328 to 9 DME, then climb to 3100 direct IDEEL. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	KELLY TOWER	GND CON
120.45 273.5	118.05 353.5	124.3 322.35	121.8 289.4

** Circling not authorized E of Rwy 15-33.



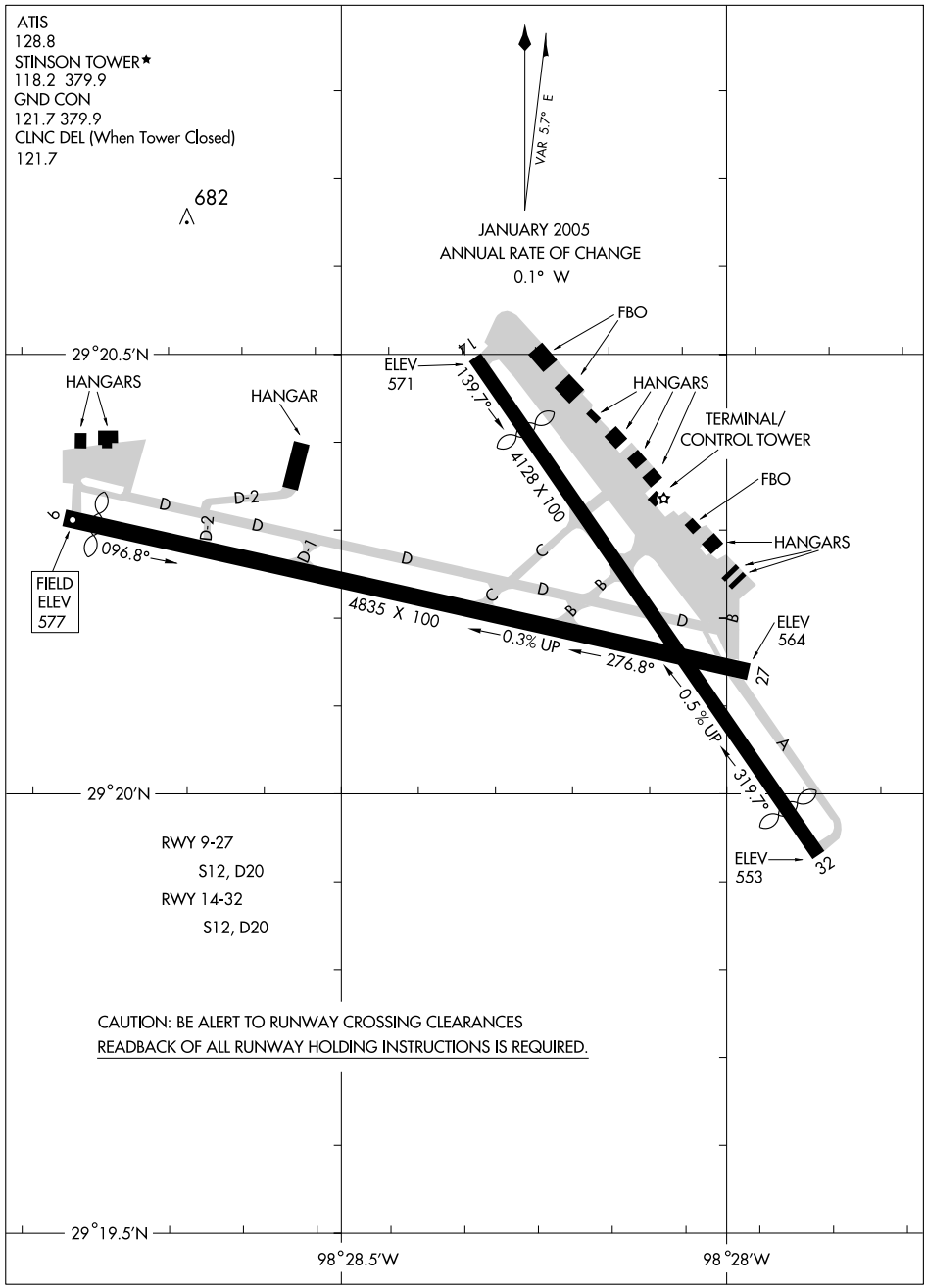
CATEGORY	A	B	C	D	E
S-33 *	1140/24 473 (500-½)		1140/40 473 (500-¾)	1140/50 473 (500-1)	1140/60 473 (500-1¼)
CIRCLING **	1220-1 529 (600-1)	1340-1 649 (700-1)	1340-1¾ 649 (700-1¾)	1340-2 649 (700-2)	1900-3 1209(1300-3)

AIRPORT DIAGRAM

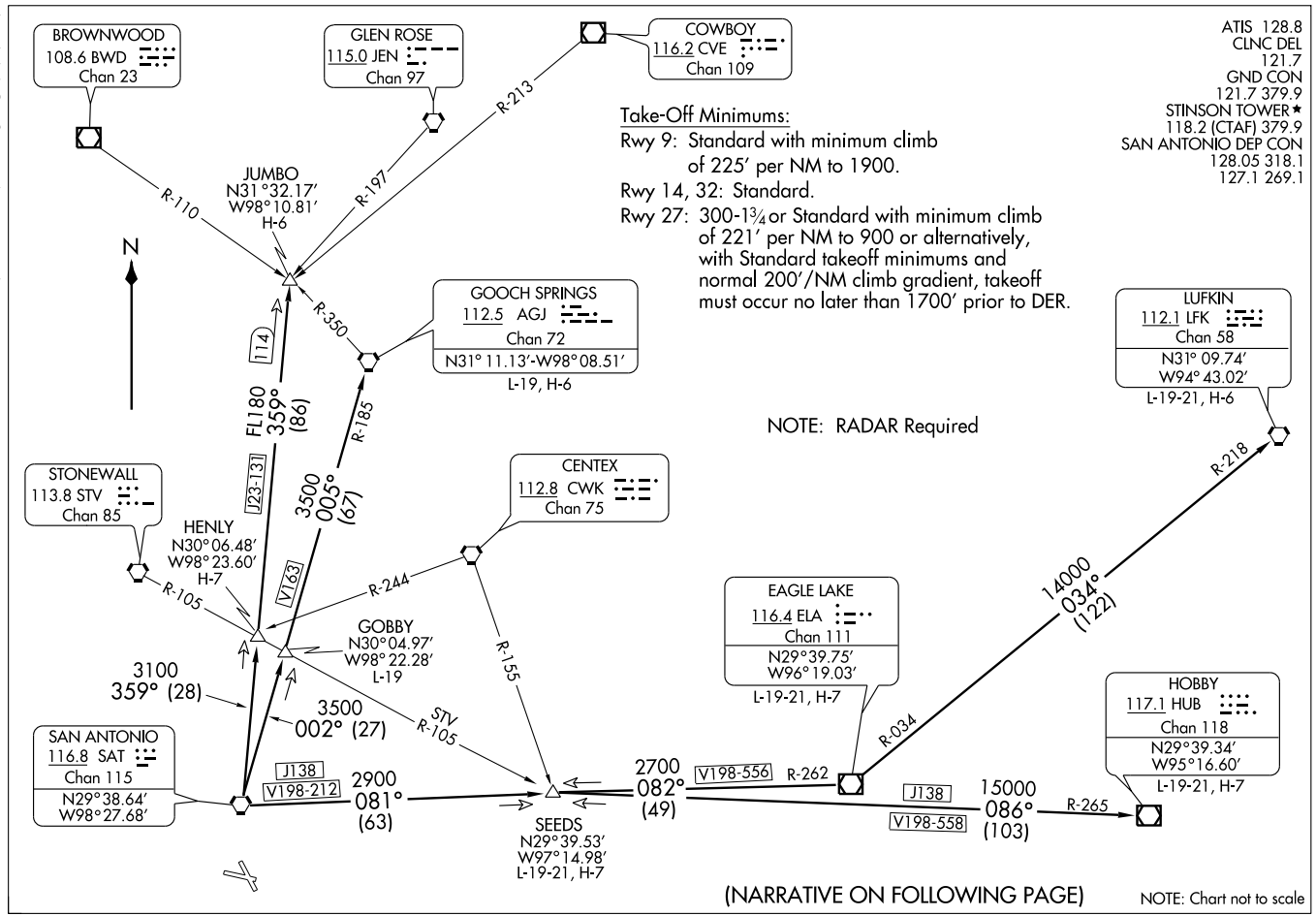
AL-372 (FAA)

SAN ANTONIO/ STINSON MUNI (SSF)

SAN ANTONIO, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010



ALAMO SEVEN DEPARTURE

(ALAMO.SA1) 09351

SL-372 (FAA)

SAN ANTONIO/STINSON MUNI (SSF)

SAN ANTONIO, TEXAS

DEPARTURE ROUTE DESCRIPTION

Climb on assigned heading and altitude for radar vectors to SAT VORTAC, Thence . . . .

. . . . via (transition). Expect filed altitude 10 minutes after departure.

EAGLE LAKE TRANSITION (ALAMO7.ELA): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via ELA R-262 to ELA VOR/DME.
GOBBY TRANSITION (ALAMO7.GOBBY): From over SAT VORTAC via SAT R-002 to GOBBY INT.
HENLY TRANSITION (ALAMO7.HENLY): From over SAT VORTAC via SAT R-359 to HENLY INT.
HOBBY TRANSITION (ALAMO7.HUB): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via HUB R-266 to HUB VOR/DME.
JUMBO TRANSITION (ALAMO7.JUMBO): From over SAT VORTAC via SAT R-359 to JUMBO INT.
GOOCH SPRINGS TRANSITION (ALAMO7.AGJ): From over SAT VORTAC via SAT R-002 to GOBBY INT, then via AGJ R-185 to AGJ VORTAC.
LUFKIN TRANSITION (ALAMO7.LFK): From over SAT VORTAC via SAT R-081 to SEEDS INT, then via ELA R-262 to ELA VOR/DME, then via ELA R-034 and LFK R-218 to LFK VORTAC.
SEEDS TRANSITION (ALAMO7.SEEDS): From over SAT VORTAC via SAT R-081 to SEEDS INT.

TAKE-OFF OBSTACLES:

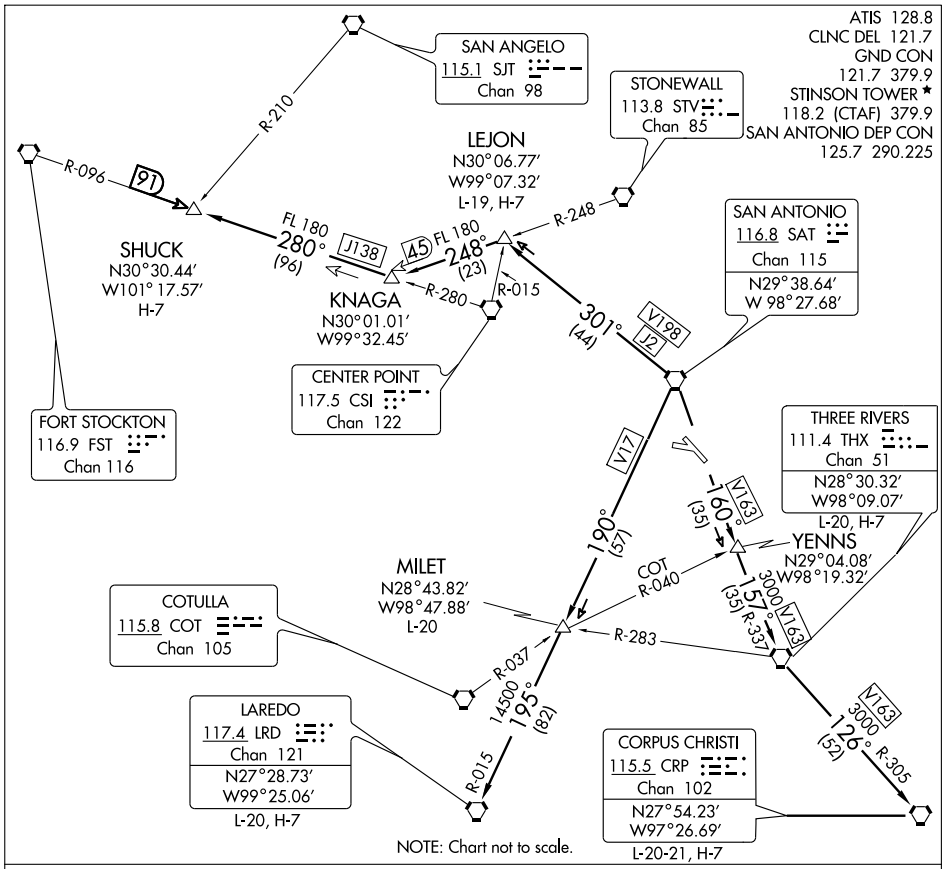
RWY 9: Vehicle on road 285' from DER, 380' left of centerline, 15' AGL/564' MSL. Trees beginning 1653' from DER, 435' right of centerline, up to 70' AGL/629' MSL.
RWY 14: Vehicle on road 114' on DER, on centerline extending 373' left of centerline, up to 15' AGL/564' MSL. Trees beginning 72' from DER, 79' right of centerline, up to 70' AGL/607' MSL. Trees beginning 232' from DER, 54' left of centerline, up to 70' AGL/618' MSL. Transmission line tower 4205' from DER, 133' right of centerline, 119' AGL/663' MSL.
RWY 27: Fence 41' from DER, 30' right of centerline, 8' AGL/584' MSL. Vehicle on road 108' from DER, 202' right of centerline, 15' AGL/584' MSL. Vehicle on road 123' from DER, 113' right of centerline, 15' AGL/596' MSL. Trees and Poles beginning 229' from DER, 117' right of centerline, up to 70' AGL/645' MSL. Trees and Poles beginning 599' from DER, 6' left of centerline, up to 70' AGL/634' MSL. Tank beginning 1.3 NM from DER, 1338' right of centerline, 179' AGL/799' MSL. Building 1422' from DER, 432' right of centerline, 40' AGL/627' MSL. Building 2133' from DER, 36' left of centerline, 55' AGL/635' MSL.
RWY 32: Fence 17' from DER, 80' left of centerline, 8' AGL/578' MSL. Vehicle on road 54' from DER, 199' left of centerline, 15' AGL/ 586' MSL. Trees beginning 164' from DER, 125' right of centerline, up to 70' AGL/639' MSL. Trees and Poles beginning 43' from DER, 41' left of centerline, up to 75' AGL/668' MSL.

SC-3, 17 DEC 2009 to 14 JAN 2010

BOWIE THREE DEPARTURE

SL-372 (FAA)

SAN ANTONIO/ STINSON MUNI (SSF)
SAN ANTONIO, TEXAS



DEPARTURE ROUTE DESCRIPTION

Fly assigned heading and altitude for vector to appropriate route. Expect further clearance to filed altitude/flight level 10 minutes after departure.

CORPUS CHRISTI TRANSITION (BOWIE3.CRP): From over SAT VORTAC via SAT R-160 to YENNS INT, then via THX R-337 to THX VORTAC, then via THX-R 126 and CRP R-305 to CRP VORTAC.

LAREDO TRANSITION (BOWIE3.LRD): From over SAT VORTAC via SAT R-190 to MILET INT, then via LRD R-015 to LRD VORTAC.

LEJON TRANSITION (BOWIE3.LEJON): From over SAT VORTAC via SAT R-301 to LEJON INT.

MILET TRANSITION (BOWIE3.MILET): From over SAT VORTAC via SAT R-190 to MILET INT.

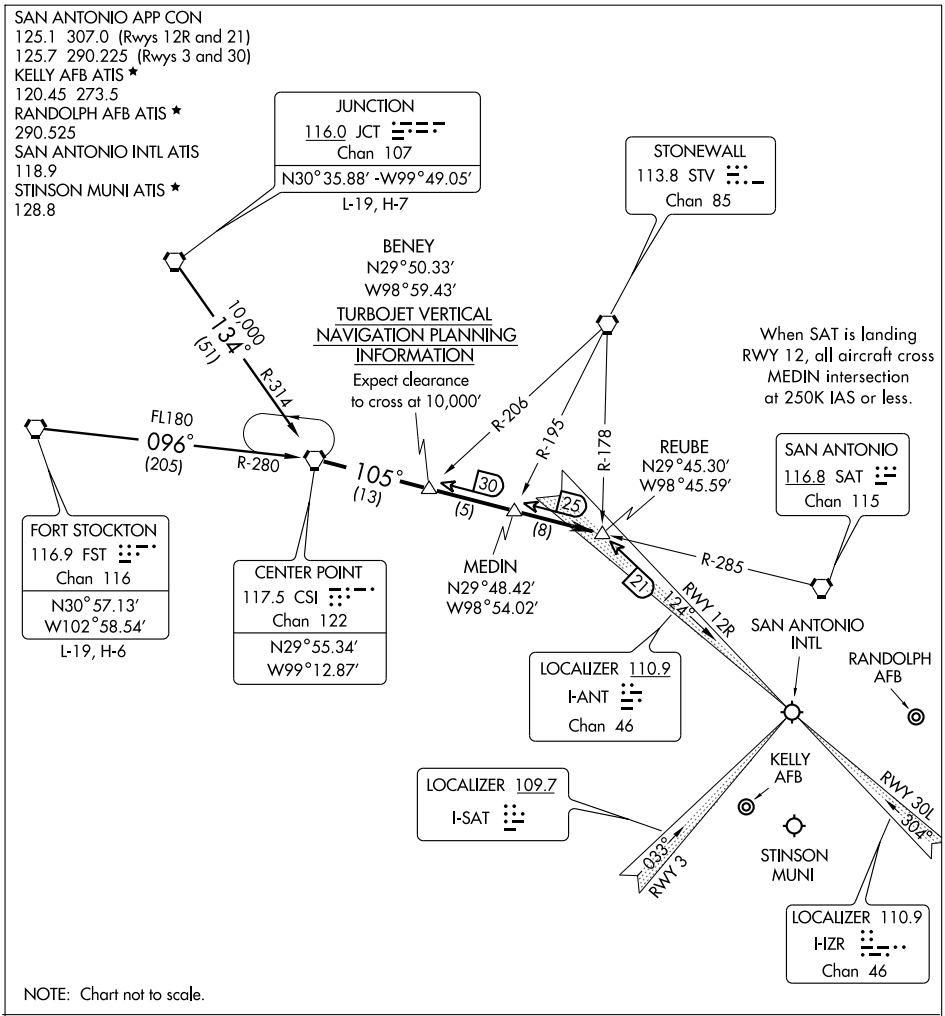
SHUCK TRANSITION (BOWIE3.SHUCK): From over SAT VORTAC via SAT R-301 to LEJON INT, then via STV R-248 and CSI R-280 to SHUCK INT.

THREE RIVERS TRANSITION (BOWIE3.THX): From over SAT VORTAC via SAT R-160 to YENNS INT, then via THX R-337 to THX VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

CENTERPOINT ONE ARRIVAL (CSI.CSI1)

SAN ANTONIO, TEXAS



FORT STOCKTON TRANSITION (FST.CSI1): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.CSI1): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . . .

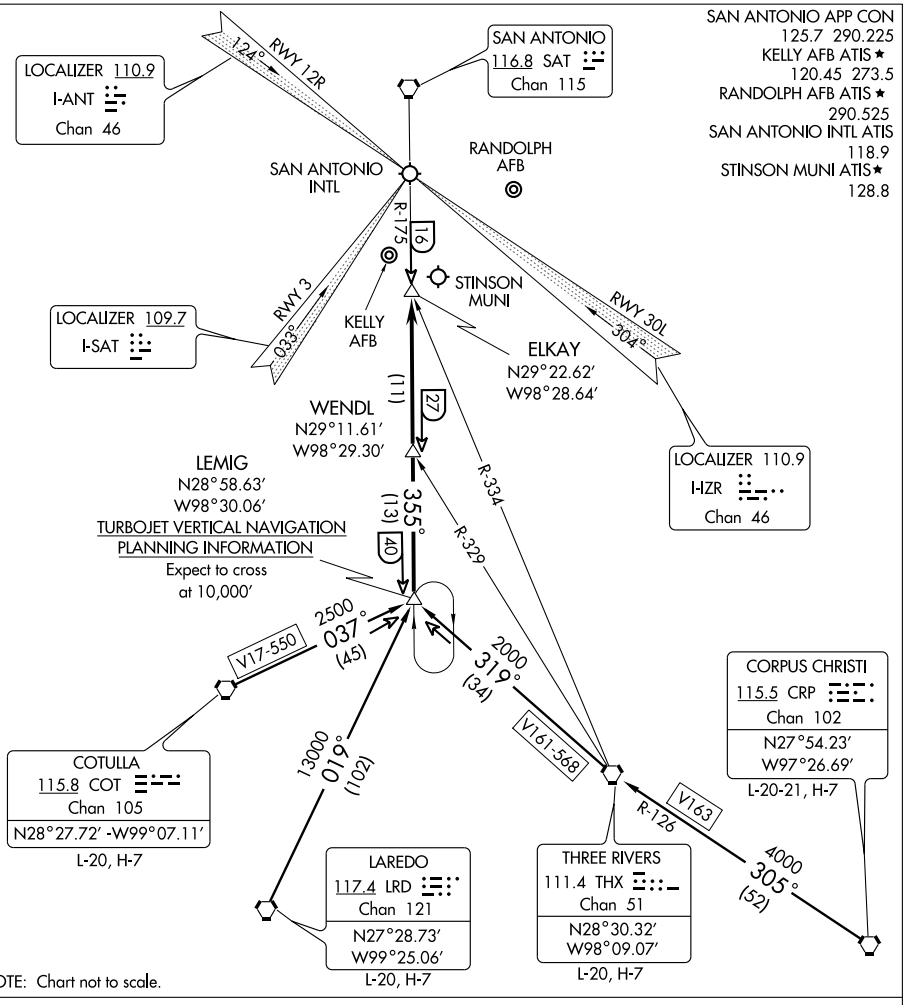
. . . . From over CSI VORTAC via CSI R-105 to REUBE INT. Expect vector to final approach course.

SATELLITE AIRPORTS: Conform to SAT routing and frequency assignment.

SC-3, 17 DEC 2009 to 14 JAN 2010

LEMIG ONE ARRIVAL (LEMIG.LEMIG1)

SAN ANTONIO, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LEMIG1): From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT. Thence . . . .

COTULLA TRANSITION (COT.LEMIG1): From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . . .

LAREDO TRANSITION (LRD.LEMIG1): From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . . .

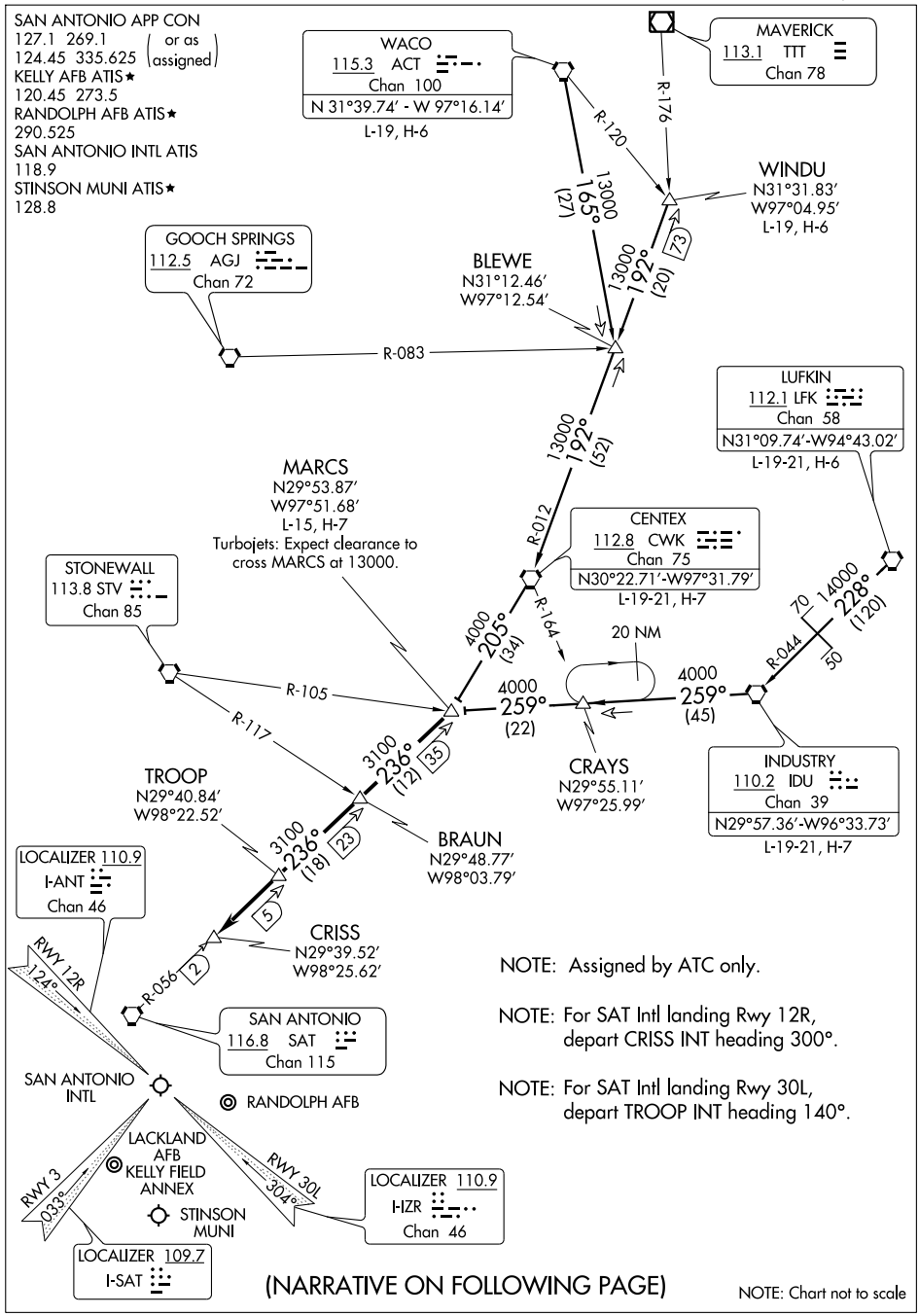
THREE RIVERS TRANSITION (THX.LEMIG1): From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . . .

. . . . ALL AIRPORTS: From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

SAN ANTONIO, TEXAS



NOTE: Assigned by ATC only.

NOTE: For SAT Intl landing Rwy 12R, depart CRISS INT heading 300°.

NOTE: For SAT Intl landing Rwy 30L, depart TROOP INT heading 140°.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.MARCS9): From over CWK VORTAC via CWK R-205 to MARCS INT. Thence. . . .

INDUSTRY TRANSITION (IDU.MARCS9): From over IDU VORTAC via IDU R-259 to MARCS INT. Thence. . . .

LUFKIN TRANSITION (LFK.MARCS9): From over LFK VORTAC via LFK R-228 and IDU R-044 to IDU VORTAC, then via IDU R-259 to MARCS INT. Thence. . . .

WACO TRANSITION (ACT.MARCS9): From over ACT VORTAC via ACT R-165 to BLEWE INT, then via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

WINDU TRANSITION (WINDU.MARCS9): From over WINDU INT via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

. . . . From over MARCS INT via SAT R-056 to CRISS INT. Expect radar vectors to final approach course. Landing other than SAT Rwy 12R/30L expect radar vectors to final approach course after CRISS INT.

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3756
332°	TDZE	571
	Apt Elev	577

RNAV (GPS) RWY 32

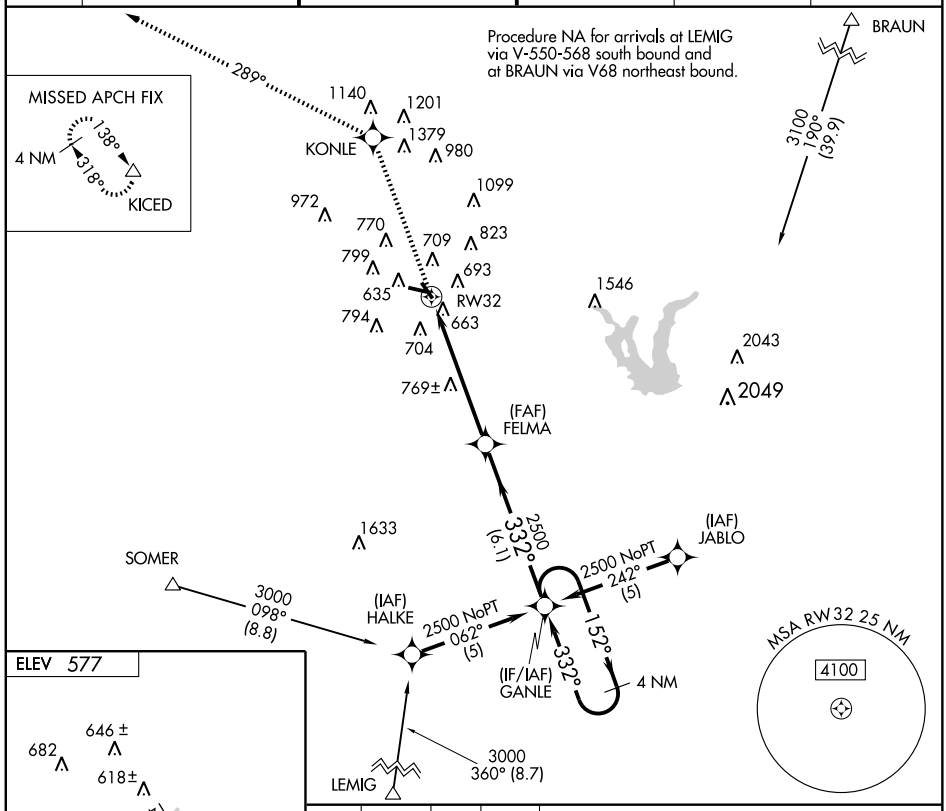
SAN ANTONIO/STINSON MUNI (SSF)

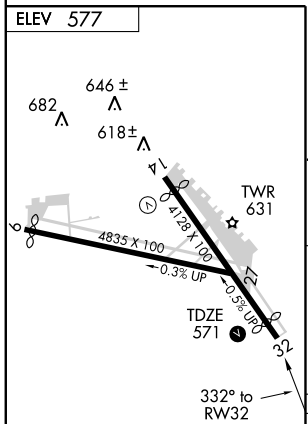
When local altimeter setting not received, use San Antonio Intl altimeter setting and increase all MDAs 60 feet, and LNAV Cat C visibility ¼ mile. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

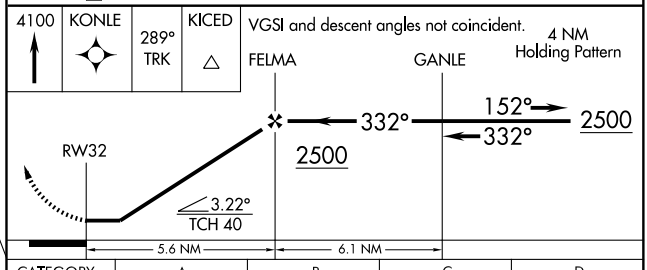
MISSED APPROACH: Climb to 4100 direct KONLE and via 289° track to KICED and hold.

ATIS	SAN ANTONIO APP CON	STINSON TOWER*	GND CON	CLNC DEL	UNICOM
128.8	125.7 290.225	118.2 (CTAF) L 379.9	121.7 379.9	121.7	122.95

Procedure NA for arrivals at LEMIG via V-550-568 south bound and at BRAUN via V68 northeast bound.







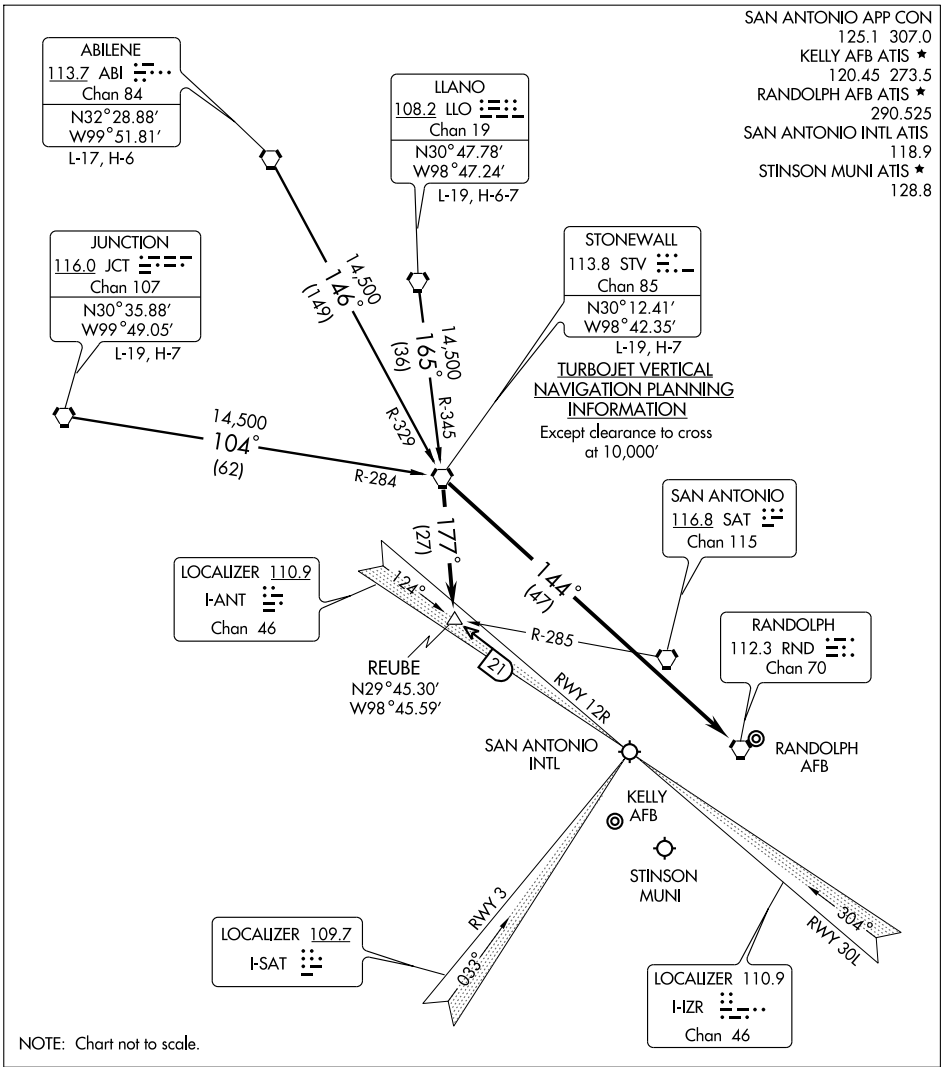
CATEGORY	A	B	C	D
LNAV MDA	1020-1 449 (500-1)		1020-1¼ 449 (500-1¼)	NA
CIRCLING	1040-1 463 (500-1)	1100-1 523 (600-1)	1100-1½ 523 (600-1½)	NA

REIL Rwys 9, 14, 27 and 32
MIRL Rwys 9-27 and 14-32

SC-3, 17 DEC 2009 to 14 JAN 2010

STONEWALL ONE ARRIVAL (STV. STV1)

SAN ANTONIO, TEXAS



ABILENE TRANSITION (ABI.STV1): From over ABI VORTAC via ABI R-146 and STV R-329 to STV VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.STV1): From over JCT VORTAC via JCT R-104 and STV R-284 to STV VORTAC. Thence . . . .

LLANO TRANSITION (LLO.STV1): From over LLO VORTAC via LLO R-165 and STV R-345 to STV VORTAC. Thence . . . .

ALL AIRPORTS EXCEPT RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via STV R-177 to REUBE INT. Expect radar vectors to final approach course.

RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via direct RND VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR SSF 108.4	APP CRS 337°	Rwy Idg 3756 TDZE 571 Apt Elev 577

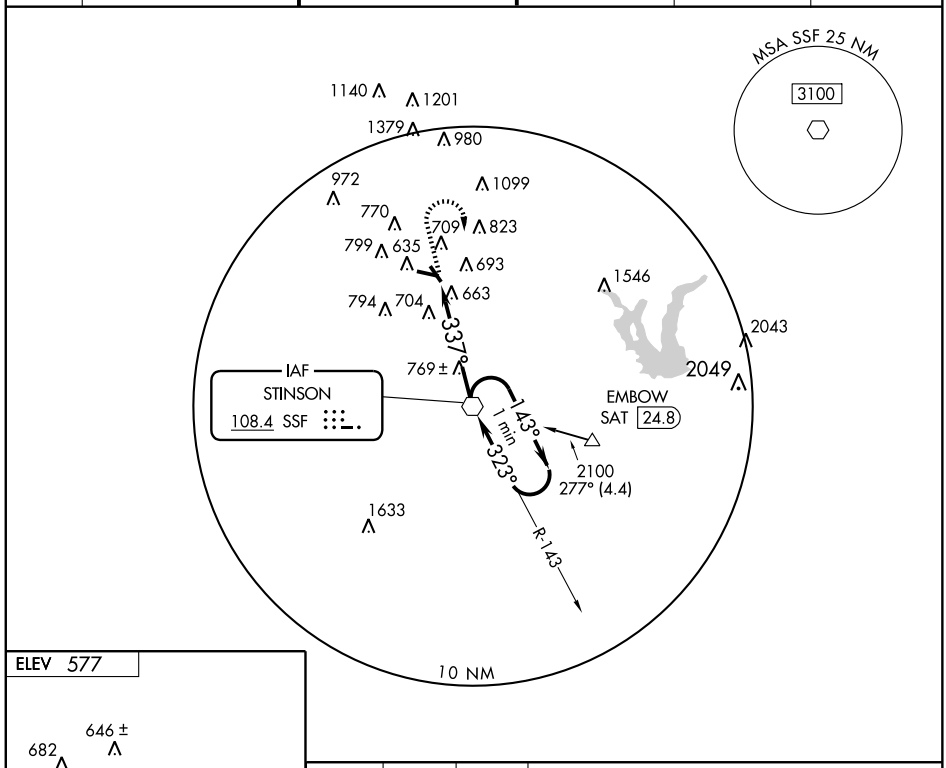
VOR RWY 32

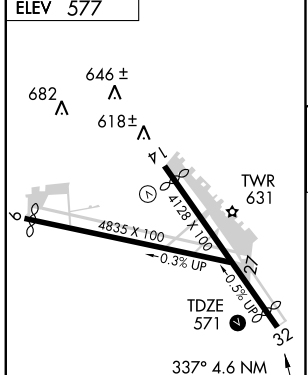
SAN ANTONIO/STINSON MUNI (SSF)

When local altimeter setting not received, use San Antonio Intl altimeter setting and increase all MDAs 60 feet, and S-32 Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 1400 then climbing right turn to 2500 direct SSF VOR and hold.

ATIS	SAN ANTONIO APP CON	STINSON TOWER*	GND CON	CLNC DEL	UNICOM
128.8	125.7 290.225	118.2 (CTAF) 379.9	121.7 379.9	121.7	122.95





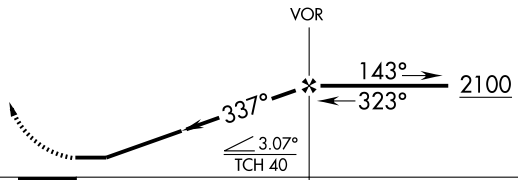
REIL Rwys 9, 14, 27 and 32
MIRL Rwys 9-27 and 14-32

FAF to MAP 4.6 NM					
Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

1400	2500	SSF 108.4

VGSI and descent angles not coincident.

One Minute Holding Pattern

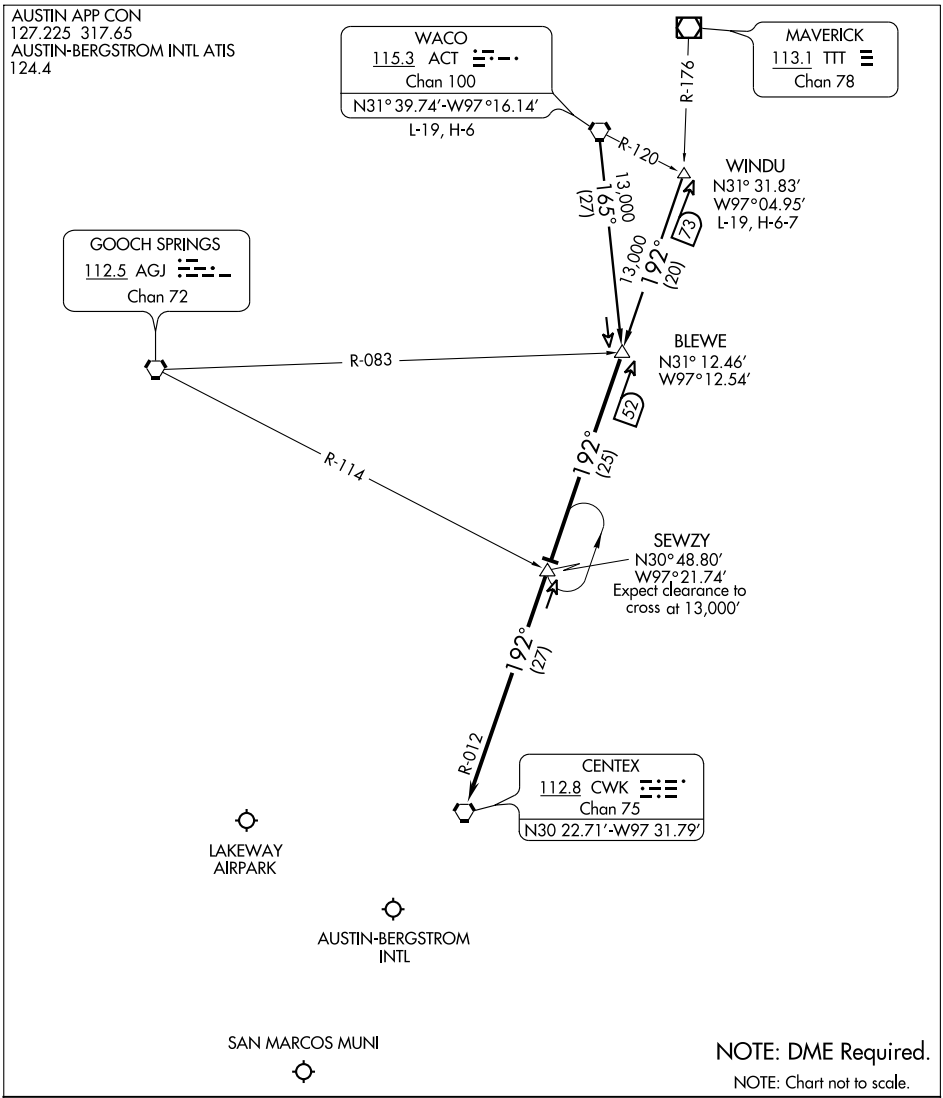


CATEGORY	A	B	C	D
S-32	1020-1 449 (500-1)		1020-1¼ 449 (500-1¼)	NA
CIRCLING	1040-1 463 (500-1)	1100-1 523 (600-1)	1100-1½ 523 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

BLEWE TWO ARRIVAL (BLEWE.BLEWE2)

AUSTIN, TEXAS



WACO TRANSITION (ACT.BLEWE2): From over ACT VORTAC via ACT R-165 to BLEWE INT. Thence . . . .

WINDU TRANSITION (WINDU.BLEWE2): From over WINDU INT via CWK R-012 to BLEWE INT. Thence . . . .

. . . . From over BLEWE INT via CWK R-012 to CWK VORTAC. Expect radar vectors to final approach.

SAN MARCOS, TEXAS

AL-502 (FAA)

LOC I-RUM	APP CRS	Rwy Idg	5603
108.7	126°	TDZE	593
		Apt Elev	597

ILS or LOC RWY 13

SAN MARCOS MUNI (HYI)

T
ANA

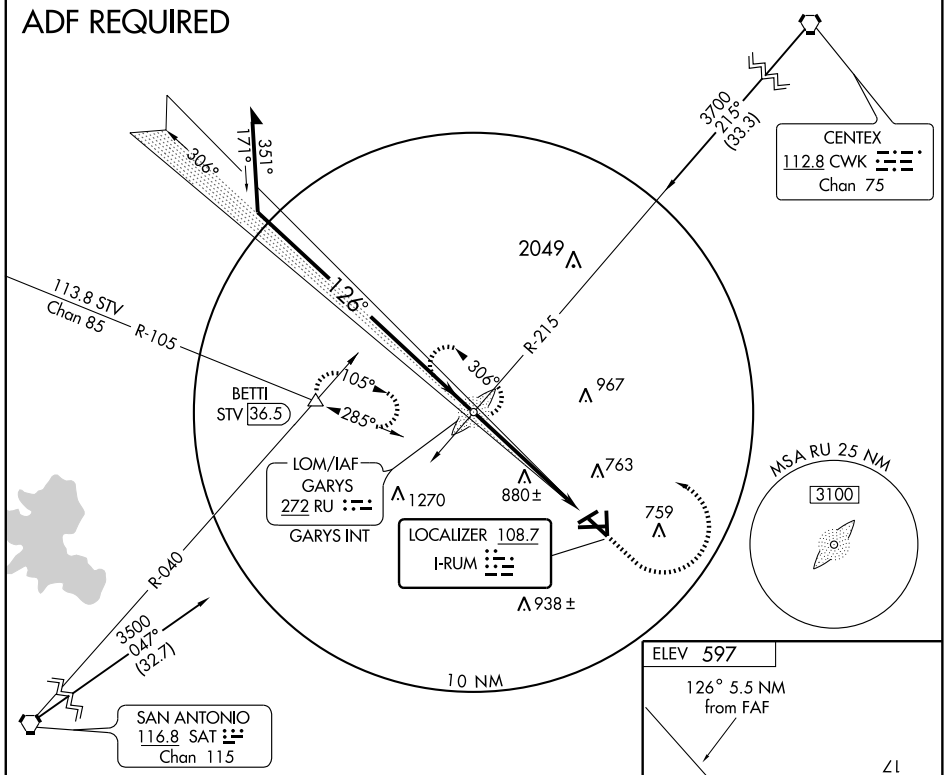
Circling Cat E not authorized southwest of Rwy 13-31.
For inoperative MALSR, increase S-ILS 13 Cat E visibility ¼ mile, and S-LOC 13 Cat E ½ mile

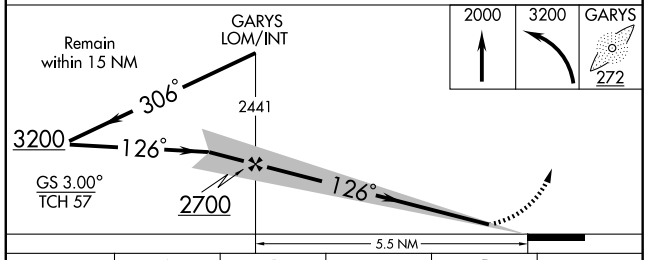
MALSR

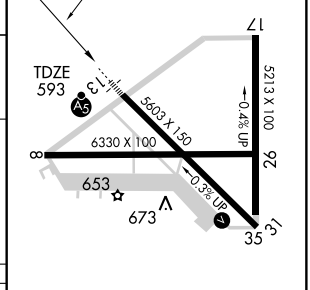
MISSED APPROACH: Climb to 2000 then climbing left turn to 3200 direct GARYS LOM and hold.

AWOS-3	AUSTIN APP CON	CLNC DEL	UNICOM
120.825	119.0 370.85	121.35	123.05 (CTAF) L

ADF REQUIRED







CATEGORY	A	B	C	D	E
S-ILS-13	793-½ 200 (200-½)				
S-LOC-13	1260-½ 667 (700-½)		1260-1¼ 667 (700-1¼)	1260-1½ 667 (700-1½)	1260-2 667 (700-2)
CIRCLING	1260-1 663 (700-1)		1260-1¾ 663 (700-1¾)	1260-2 663 (700-2)	1280-2½ 683 (700-2½)

REIL Rwys 8 and 26 L
MIRL Rwys 8-26, 13-31, and 17-35 L

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-3, 17 DEC 2009 to 14 JAN 2010

LOM RU	APP CRS	Rwy Idg	5603
272	125°	TDZE	593
		Apt Elev	597

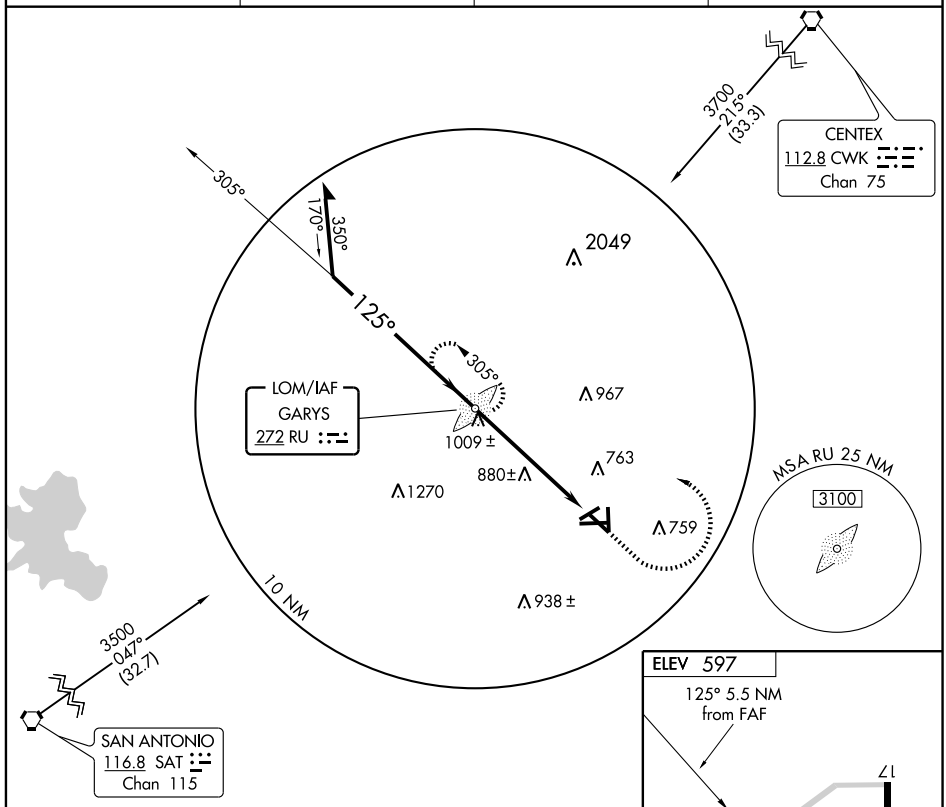
NDB RWY 13
SAN MARCOS MUNI (HYI)

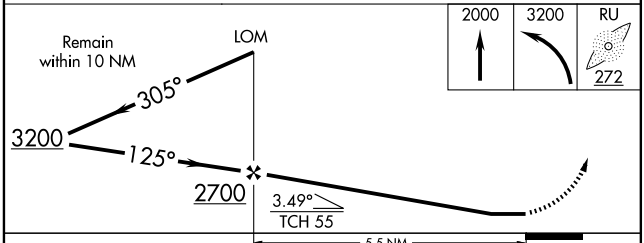
NA

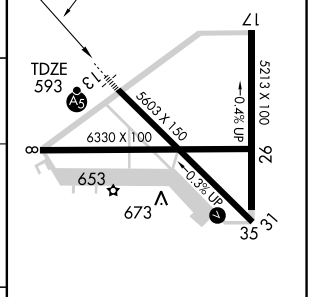
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 3200 direct RU LOM and hold.

AWOS-3	AUSTIN APP CON	CLNC DEL	UNICOM
120.825	119.0 370.85	121.35	123.05 (CTAF) L







CATEGORY	A	B	C	D
S-13	1240-¾ 647 (700-¾)		1240-1 ¼ 647 (700-1 ¼)	1240-1¾ 647 (700-1¾)
CIRCLING	1240-1 643 (700-1)		1240-1¾ 643 (700-1¾)	1240-2 643 (700-2)

REIL Rwys 8 and 26 L
MIRL Rwys 8-26, 13-31, and 17-35 L

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5603
126°	TDZE	593
	Apt Elev	597

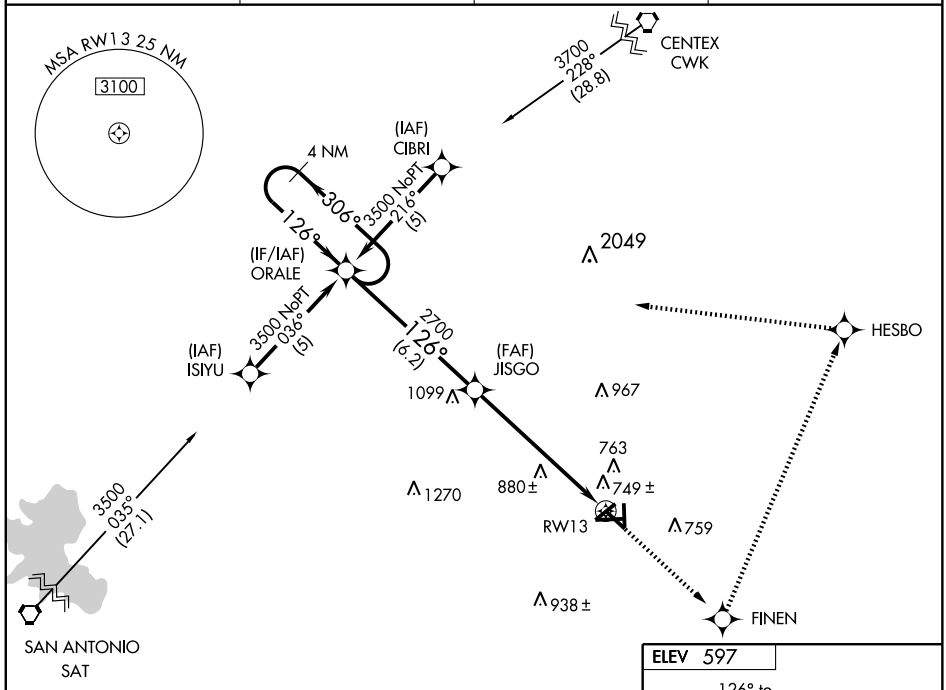
RNAV (GPS) RWY 13
SAN MARCOS MUNI (HYI)

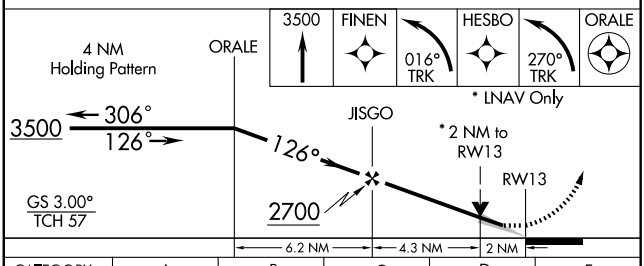
T A NA W — GPS or RNP-0.3 Required. DME/DME RNP-0.3 NA. BARO-VNAV NA below -16°C (4°F). For inoperative MALSR, increase LNAV/VNAV and LNAV Cat E visibility ½ mile. Circling Cat E not authorized southwest of Rwy 13-31.

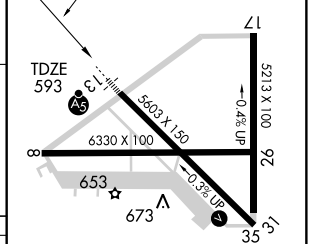
MALSR (A5)

MISSED APPROACH: Climb to 3500 direct FINEN WP and left turn via 016° track to HESBO and left turn via 270° track to ORALE and hold.

AWOS-3	AUSTIN APP CON	CLNC DEL	UNICOM
120.825	119.0 370.85	121.35	123.05 (CTAF) L







CATEGORY	A	B	C	D	E
LPV DA	NA				
LNAV/VNAV DA	1060-1 467 (500-1)				1060-1¼ 467 (500-1¼)
LNAV MDA	1280-½ 687 (700-½)		1280-1½ 687 (700-1½)	1280-1¾ 687 (700-1¾)	1280-2 687 (700-2)
CIRCLING	1280-1½ 683 (700-1½)		1280-2 683 (700-2)	1280-2¼ 683 (700-2¼)	1280-2½ 683 (700-2½)

REIL Rwys 8 and 26 L
MIRL Rwys 8-26, 13-31, and 17-35 L

SC-3, 17 DEC 2009 to 14 JAN 2010

SEMINOLE, TEXAS AL-6747 (FAA)

APP CRS	Rwy Idg	4999
359°	TDZE	3278
	Apt Elev	3315

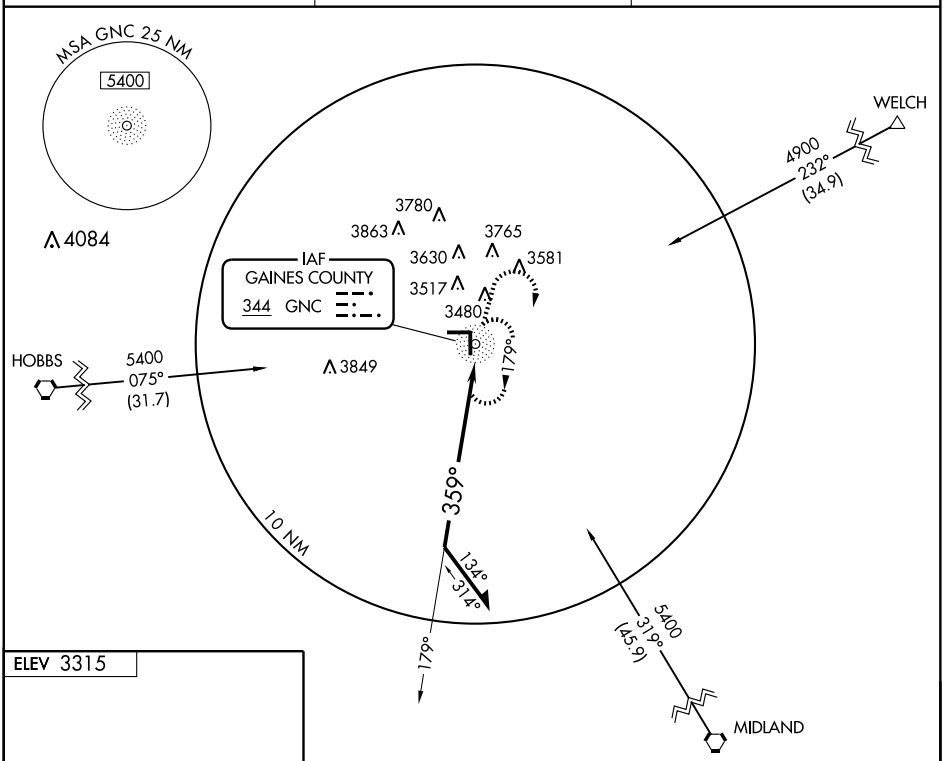
NDB RWY 35

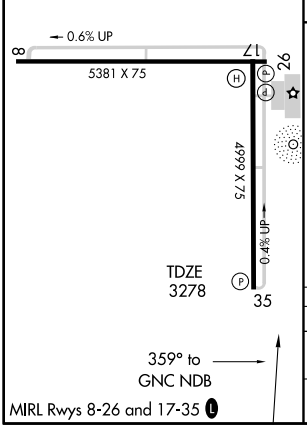
SEMINOLE/GAINES COUNTY (GNC)

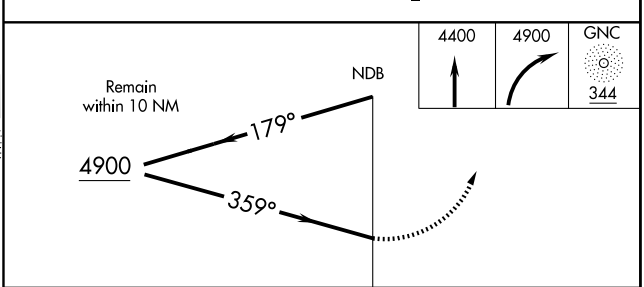
NA Use Midland Intl altimeter setting.

MISSED APPROACH: Climb to 4400 then climbing right turn to 4900 direct GNC NDB and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.075	132.6 269.05	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	3940-1 662 (700-1)		3940-1¾ 662 (700-1¾)	NA
CIRCLING	3960-1 645 (700-1)		4060-2¼ 745 (800-2¼)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS		
350°	Rwy Idg	4999
	TDZE	3278
	Apt Elev	3315

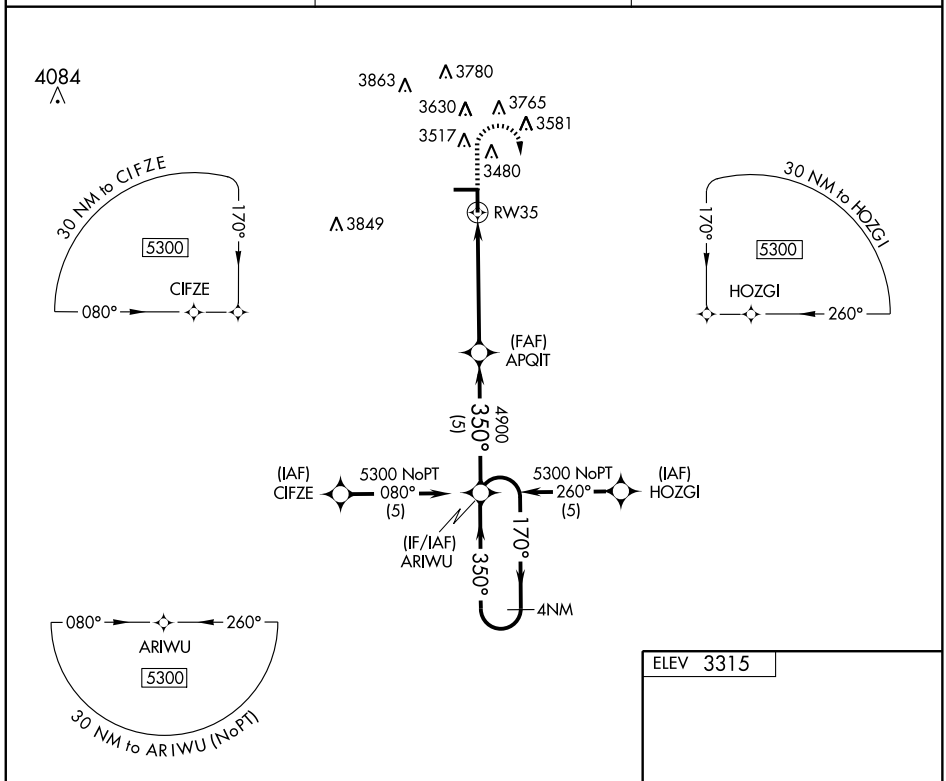
RNAV (GPS) RWY 35

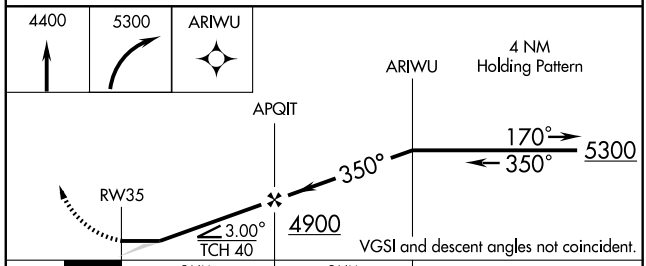
SEMINOLE/GAINES COUNTY (GNC)

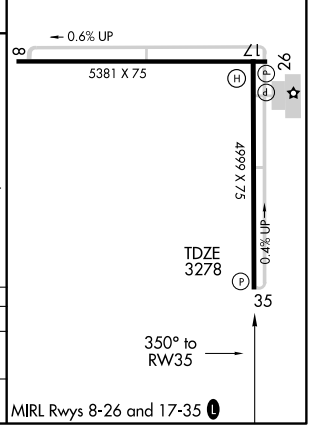
NA GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. Use Midland Intl altimeter setting.

MISSED APPROACH: Climb to 4400 then climbing right turn to 5300 direct ARIWU WP and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.075	132.6 269.05	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	3820-1 542 (600-1)		3820-1½ 542 (600-1½)	NA
CIRCLING	3960-1 645 (700-1)		4060-2¼ 745 (800-2¼)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4300
173°	TDZE	1344
	Apt Elev	1344

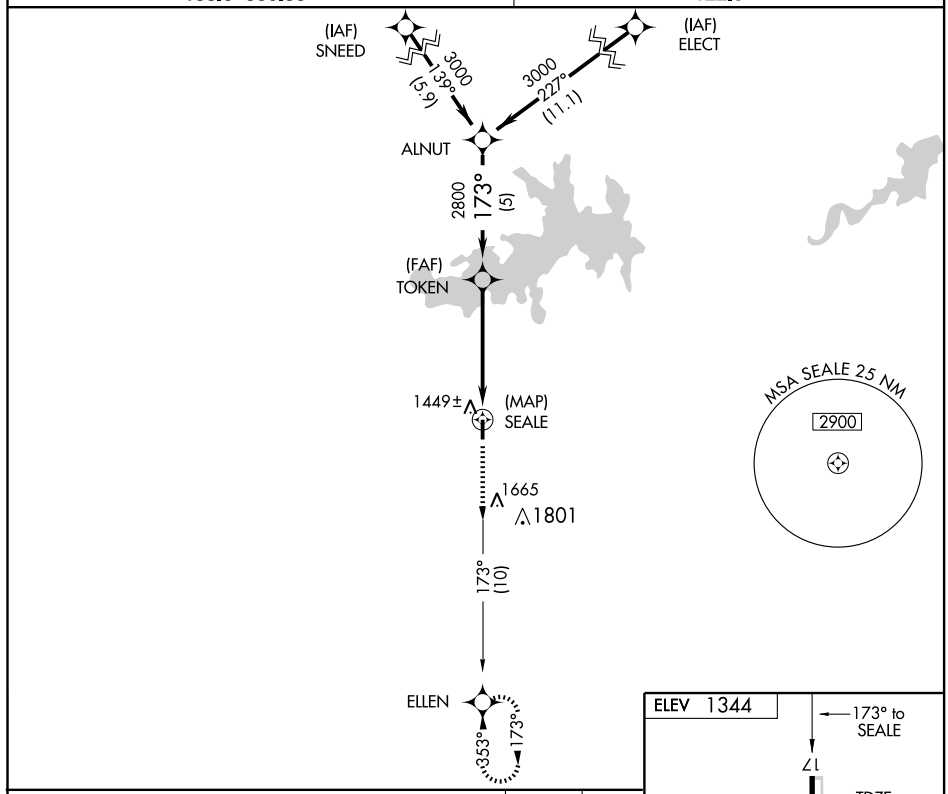
GPS RWY 17
SEYMOUR MUNI (6ØF)

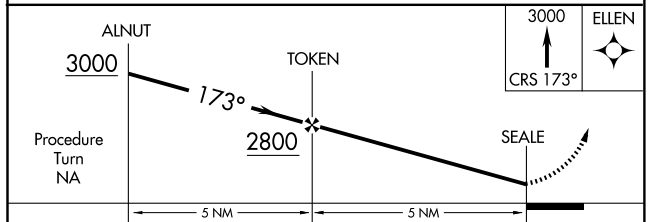
⚠ NA — Obtain local altimeter on CTAF; when not received, use Sheppard AFB/Wichita Falls Muni altimeter setting.

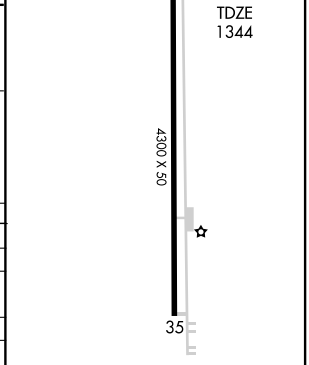
MISSED APPROACH: Climb to 3000 via 173° course to ELLEN WP and hold.

FORT WORTH CENTER
133.5 350.35

CTAF
122.9







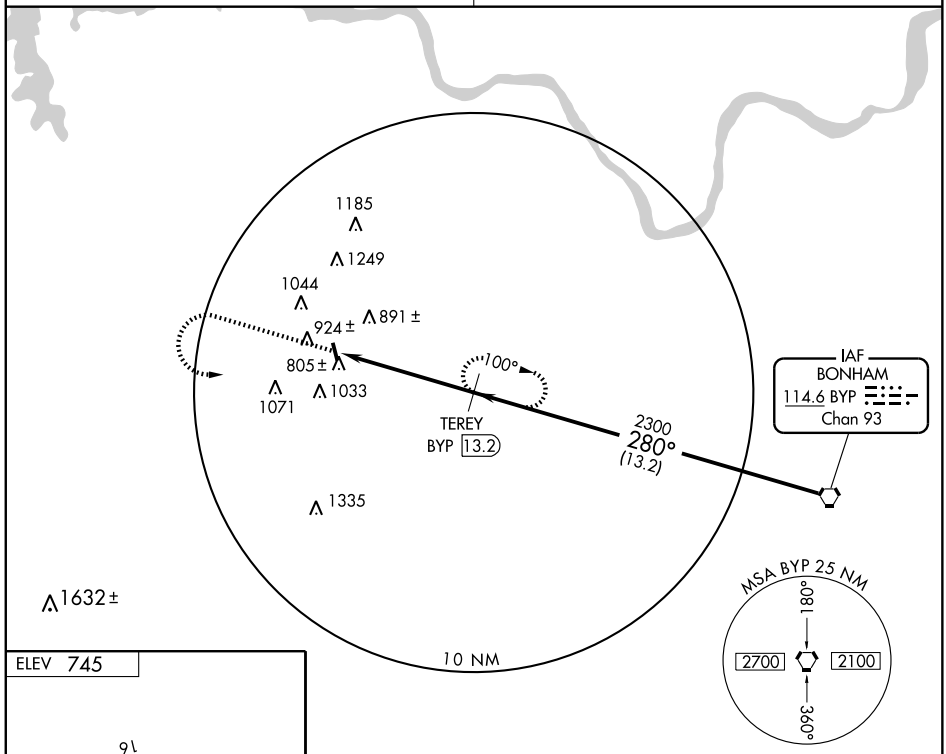
CATEGORY	A	B	C	D
S-17	1700-1 356 (400-1)			NA
CIRCLING	1780-1 436 (500-1)	1800-1 456 (500-1)	1800-1½ 456 (500-1½)	NA
SHEPPARD AFB/WICHITA FALLS MUNI ALTIMETER SETTING MINIMUMS				
S-17	1880-1 536 (600-1)		1880-1½ 536 (600-1½)	NA
CIRCLING	1960-1 616 (700-1)	1980-1 636 (700-1)	1980-1¾ 636 (700-1¾)	NA

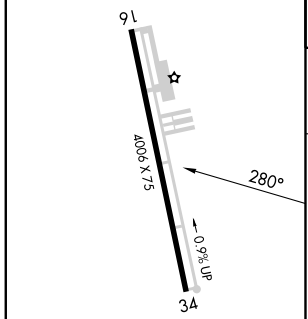
SC-2, 17 DEC 2009 to 14 JAN 2010

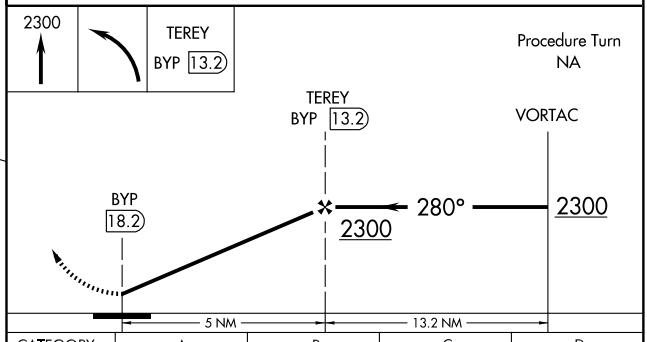
VORTAC BYP 114.6 Chan 93	APP CRS 280°	Rwy Idg N/A TDZE N/A Apt Elev 745

VOR/DME-A
SHERMAN MUNI (SWI)

⚠ NA Use Dallas-Love Field altimeter setting.	MISSED APPROACH: Climb to 2300, then left turn direct TEREY and hold.
FORT WORTH CENTER **124.75 377.1**	UNICOM **122.8** (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1580-1 835 (900-1)	1580-1¼ 835 (900-1¼)	1600-2½ 855 (900-2½)	1600-2¾ 855 (900-2¾)

MIRL Rwy 16-34

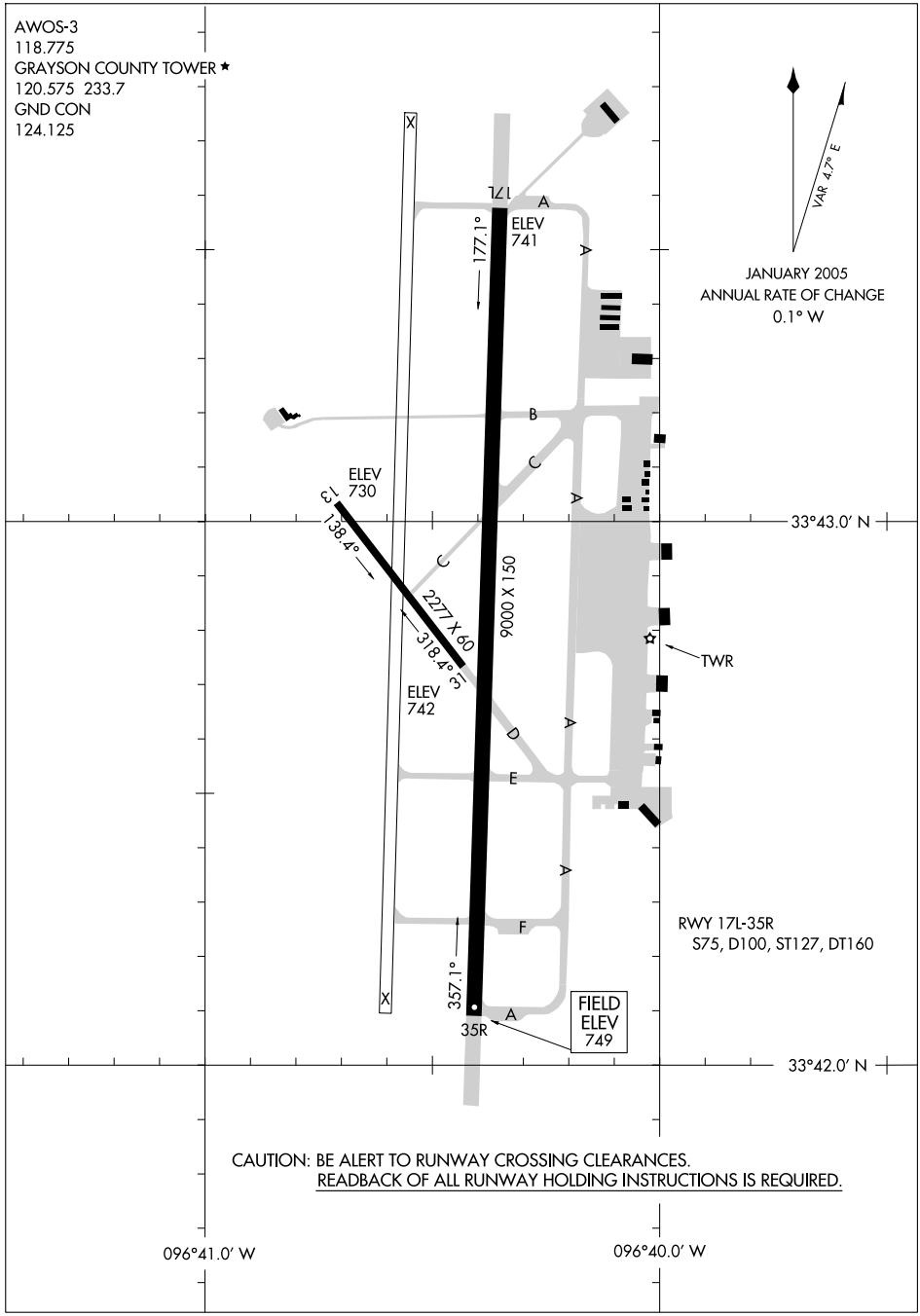
SC-2, 17 DEC 2009 to 14 JAN 2010

09127

AIRPORT DIAGRAM

AL-389 (FAA)

SHERMAN/DENISON/GRAYSON COUNTY (GYI)
SHERMAN/DENISON, TEXAS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-GYI	APP CRS	Rwy Idg	9000
111.7	176°	TDZE	741
		Apt Elev	749

ILS or LOC RWY 17L

SHERMAN/DENISON/NORTH TEXAS RGNL (GYI)

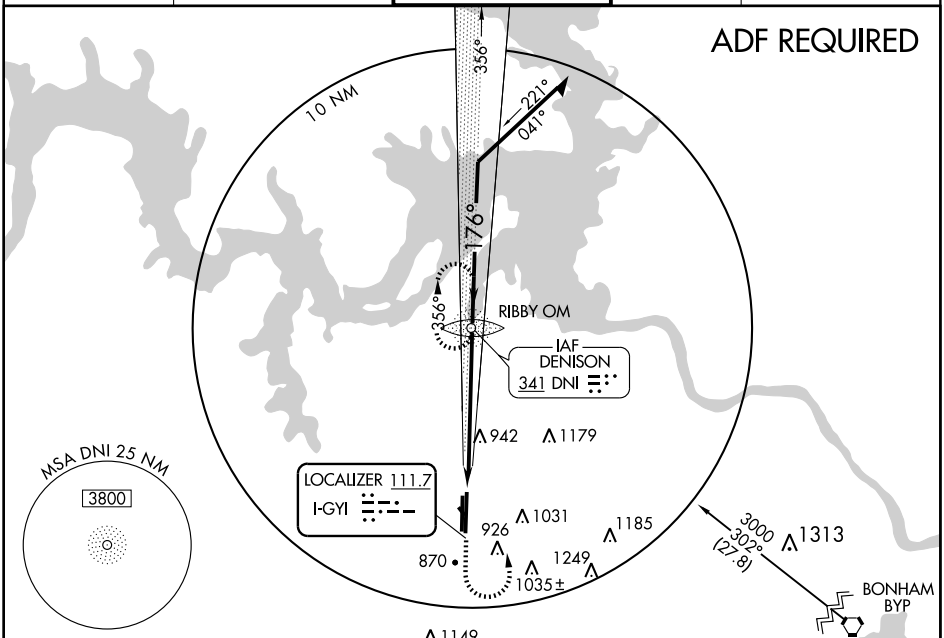
NA When local altimeter setting not received, use Dallas-Love Field altimeter setting. For inoperative MALSR increase S-ILS 17L visibility to 1¼.

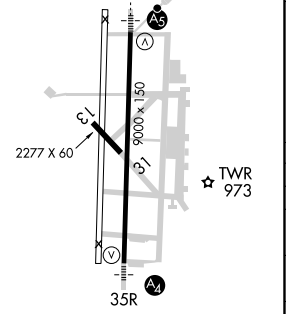
MALSR

MISSED APPROACH: Climb to 2000, then climbing left turn to 2700 direct DNI NDB and hold.

AWOS-3	FORT WORTH CENTER	NORTH TEXAS RGNL★	GND CON	UNICOM
118.775	124.75 377.1	120.575 (CTAF) L 233.7	124.125	122.7

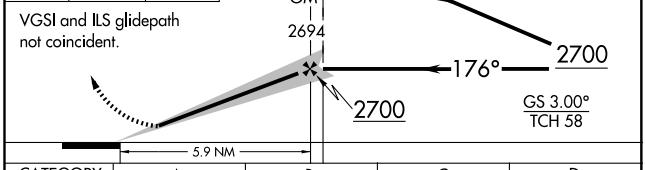
ADF REQUIRED





MIRL Rwy 17L-35R L

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D
S-ILS 17L	941-½ 200 (200-½)			
S-LOC 17L	1240-½ 499 (500-½)		1240-¾ 499 (500-¾)	1240-1 499 (500-1)
CIRCLING	1280-1 531 (600-1)		1280-1½ 531 (600-1½)	1400-2 651 (700-2)
DALLAS-LOVE FIELD ALTIMETER SETTING MINIMUMS				
S-ILS 17L	1099-¾ 358 (400-¾)			
S-LOC 17L	1400-½ 659 (700-½)		1400-1¼ 659 (700-1¼)	1400-1½ 659 (700-1½)
CIRCLING	1440-1¼ 691 (700-1¼)		1440-2 691 (700-2)	1540-2½ 791 (800-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB DNI	APP CRS	Rwy Idg	9000
341	175°	TDZE	741
		Apt Elev	749

NDB or GPS RWY 17L

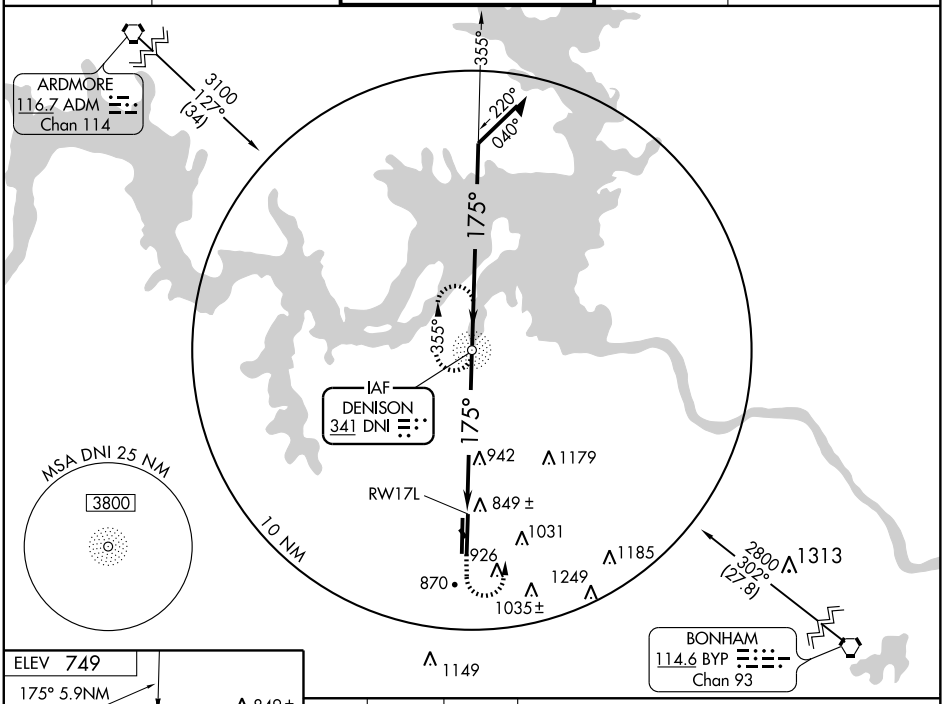
SHERMAN/DENISON/NORTH TEXAS RGNL (GYI)

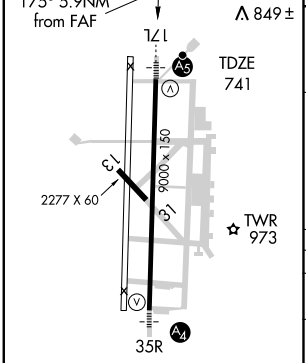
NA — When local altimeter setting not received, use Dallas-Love Field altimeter setting.

MALSR

MISSED APPROACH: Climb to 2000, then climbing left turn to 2500 direct DNI NDB and hold.

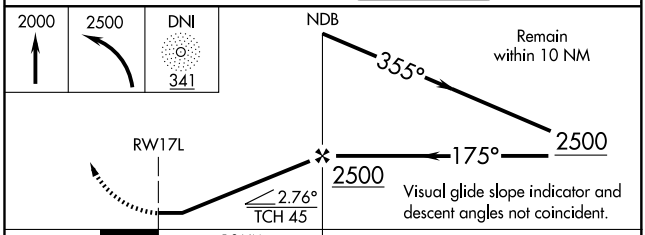
AWOS-3	FORT WORTH CENTER	NORTH TEXAS RGNL ★	GND CON	UNICOM
118.775	124.75 377.1	120.575 (CTAF) L 233.7	124.125	122.7





MIRL Rwy 17L-35R L

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D
S-17L	1300-¾ 559 (600-¾)		1300-1 559 (600-1)	1300-1½ 559 (600-1½)
CIRCLING	1300-1 551 (600-1)		1300-1½ 551 (600-1½)	1400-2 651 (700-2)
DALLAS-LOVE FIELD ALTIMETER SETTING MINIMUMS				
S-17L	1460-¾ 719 (800-¾)		1460-1½ 719 (800-1½)	1460-2 719 (800-2)
CIRCLING	1460-1 711 (800-1)		1460-2 711 (800-2)	1540-2½ 791 (800-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BYP	APP CRS	Rwy Idg	N/A
114.6	290°	TDZE	N/A
Chan 93		Apt Elev	749

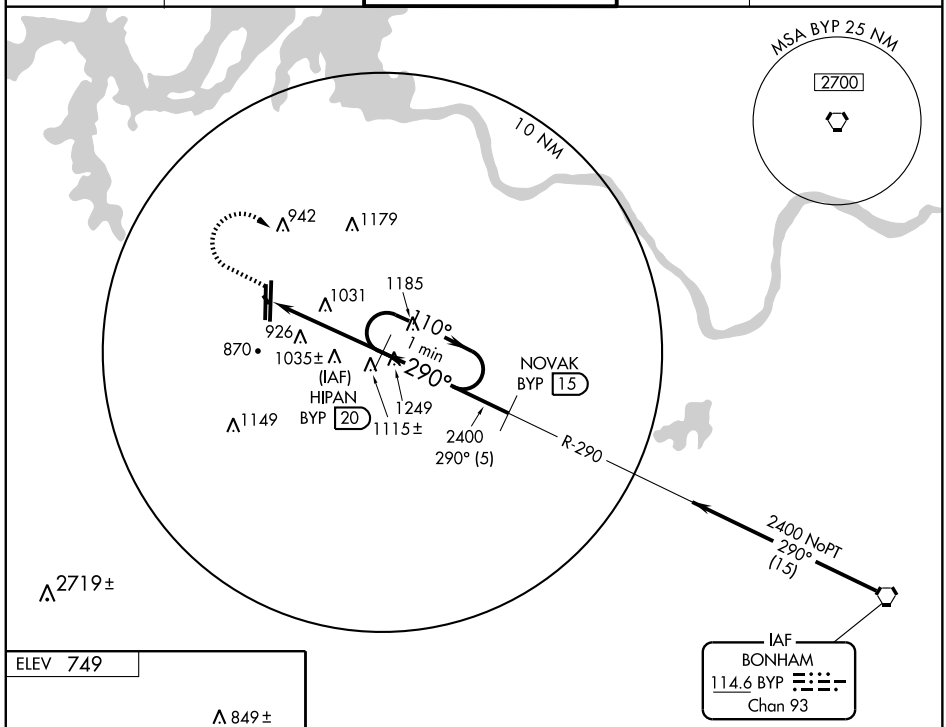
VOR/DME-A

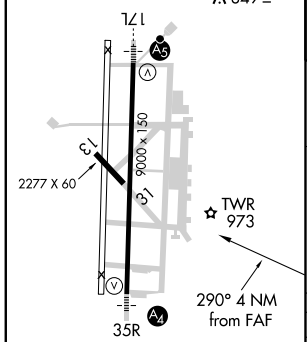
SHERMAN/DENISON/NORTH TEXAS RGNL(GYI)

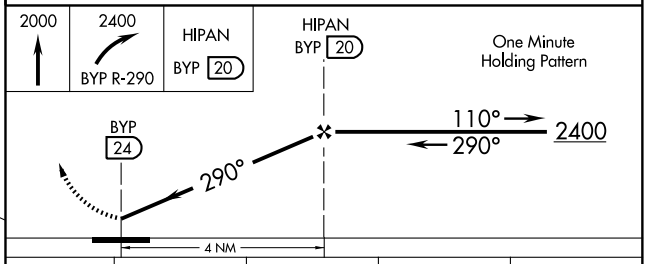
NA When local altimeter setting not received, use Dallas-Love Field altimeter setting.

MISSED APPROACH: Climb to 2000, then climbing right turn to 2400 via BYP R-290 to HIPAN/BYP 20 DME and hold.

AWOS-3	FORT WORTH CENTER	NORTH TEXAS RGNL ★	GND CON	UNICOM
118.775	124.75 377.1	120.575 (CTAF) L 233.7	124.125	122.7







CATEGORY	A	B	C	D
CIRCLING	1380-1 631 (700-1)	1380-1¼ 631 (700-1¼)	1380-1¾ 631 (700-1¾)	1400-2 651 (700-2)
DALLAS-LOVE FIELD ALTIMETER SETTING MINIMUMS				
CIRCLING	1540-1 791 (800-1)	1540-1¼ 791 (800-1¼)	1540-2¼ 791 (800-2¼)	1540-2½ 791 (800-2½)

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BYP	APP CRS	Rwy Idg	9000
114.6	356°	TDZE	749
Chan 93		Apt Elev	749

VOR/DME RNAV RWY 35R

SHERMAN/DENISON/NORTH TEXAS RGNL (GYI)

NA

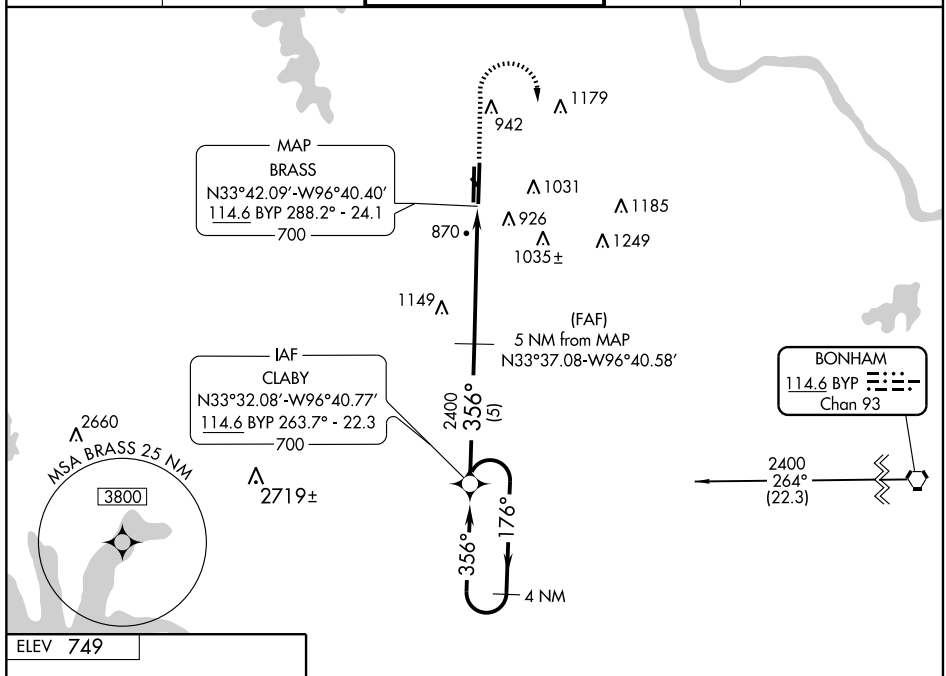
* Inoperative table does not apply to S-35R Cat C.

* * Inoperative table does not apply to S-35R Cat B/C. When local altimeter settiing not received, use Dallas-Love Field altimeter setting. Visibility reduction by helicopters NA.

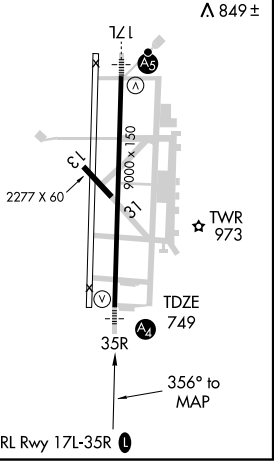
MALS

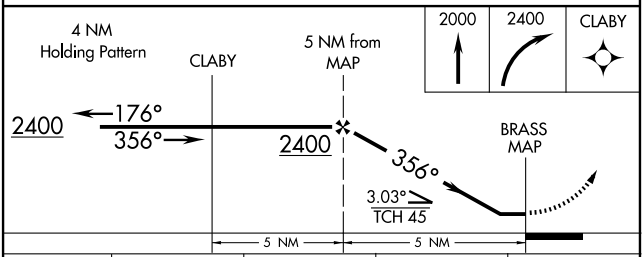
MISSED APPROACH: Climb to 2000, then climbing right turn to 2400 direct CLABY and hold.

AWOS-3	FORT WORTH CENTER	NORTH TEXAS RGNL★	GND CON	UNICOM
118.775	124.75 377.1	120.575 (CTAF) L 233.7	124.125	122.7



ELEV 749





CATEGORY	A	B	C	D
S-35R *	1460-¾ 711 (800-¾)		1460-2 711 (800-2)	1460-2¼ 711 (800-2¼)
CIRCLING	1460-1 711 (800-1)		1460-2 711 (800-2)	1460-2¼ 711 (700-2¼)
	DALLAS-LOVE FIELD ALTIMETER SETTING MINIMUMS			
S-35R * *	1620-¾ 871 (900-¾)	1620-1¼ 871 (900-1¼)	1620-2½ 871 (900-2½)	1620-2¾ 871 (900-2¾)
CIRCLING	1620-1 871 (900-1)	1620-1¼ 871 (900-1¼)	1620-2½ 871 (900-2½)	1620-2¾ 871 (900-2¾)

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4073
140°	TDZE	48
	Apt Elev	48

GPS RWY 14

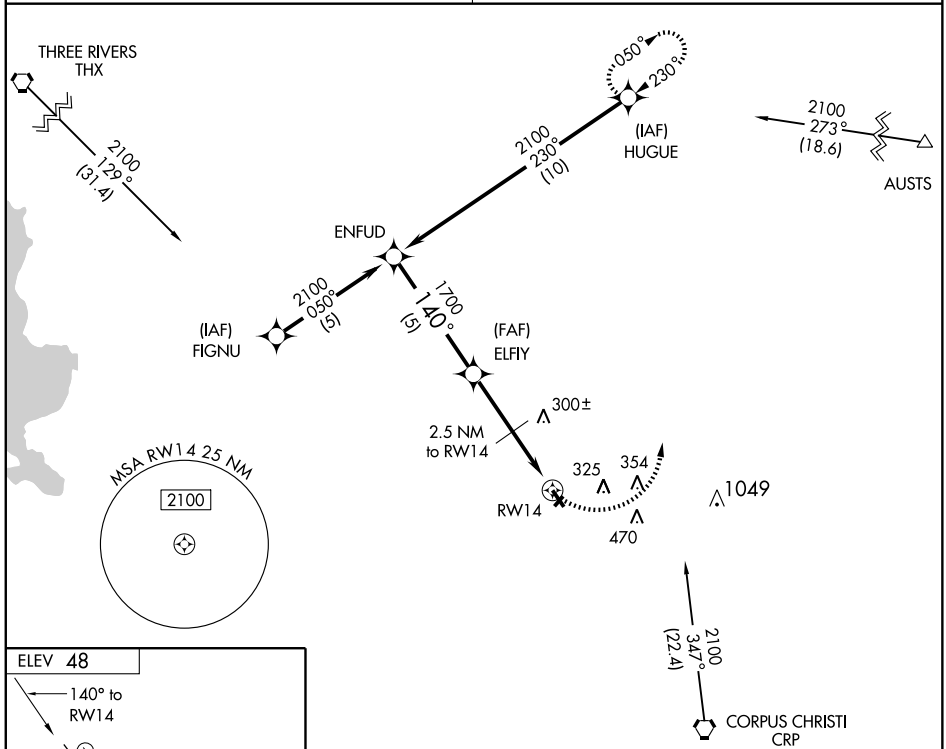
SINTON/ ALFRED C 'BUBBA' THOMAS (T69)

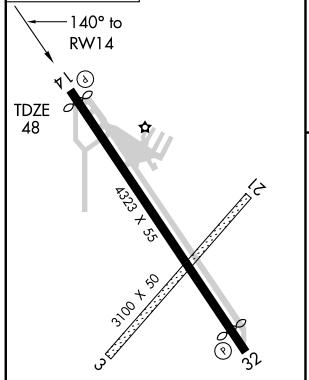
Use Corpus Christi Intl altimeter setting.

NA

MISSED APPROACH: Climbing left turn to 2100 direct HUGUE and hold.

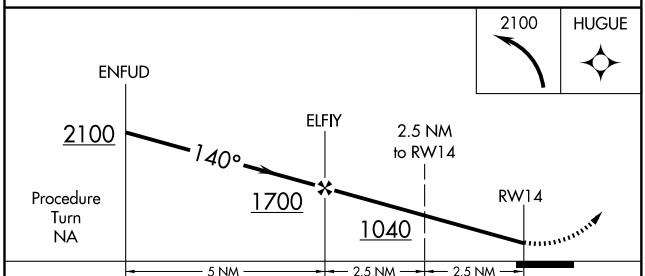
CORPUS APP CON	UNICOM
120.9 348.725	122.8 (CTAF) L





MIRL Rwy 14-32 L

REIL Rwys 14 and 32 L



CATEGORY	A	B	C	D
S-14	460-1 412 (500-1)		NA	
CIRCLING	620-1 572 (600-1)	680-1 632 (700-1)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	3995
320°	TDZE	48
	Apt Elev	48

GPS RWY 32

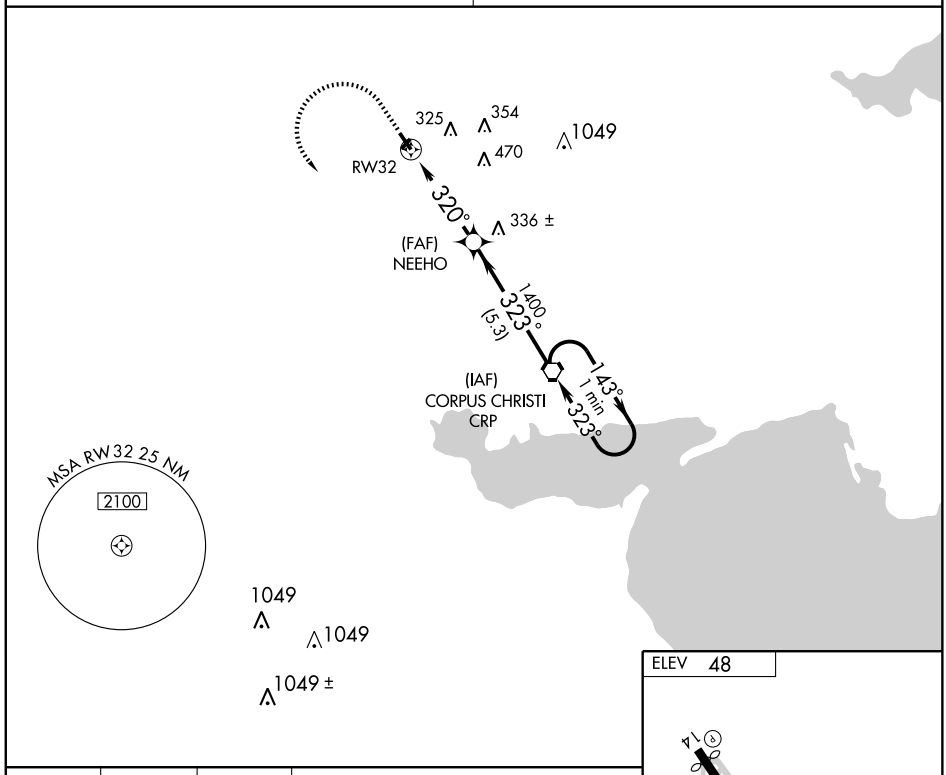
SINTON/ALFRED C 'BUBBA' THOMAS (T69)

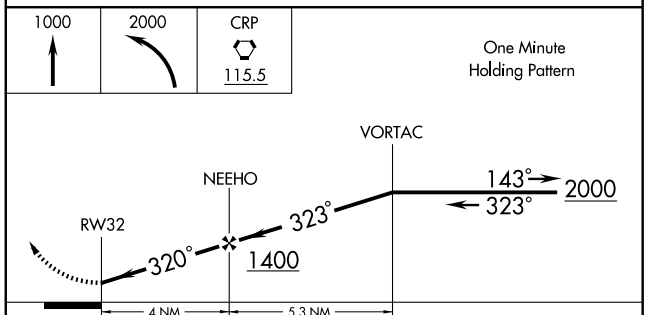
Use Corpus Christi altimeter setting.

NA

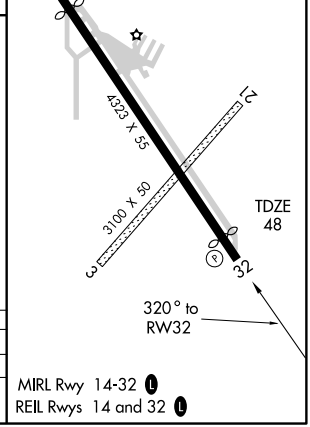
MISSED APPROACH: Climb to 1000 then climbing left turn to 2000 direct CRP VORTAC and hold.

CORPUS APP CON	UNICOM
120.9 348.725	122.8 (CTAF) L





CATEGORY	A	B	C	D
S-32	520-1	472 (500-1)	NA	
CIRCLING	620-1 572 (600-1)	680-1 632 (700-1)	NA	



MIRL Rwy 14-32 L

REIL Rwys 14 and 32 L

SC-3, 17 DEC 2009 to 14 JAN 2010

SINTON, TEXAS

AL-5274 (FAA)

VORTAC CRP	APP CRS	Rwy Idg	4073
115.5	138°	TDZE	48
Chan 102		Apt Elev	48

VOR/DME RWY 14

SINTON/ ALFRED C 'BUBBA' THOMAS (T69)

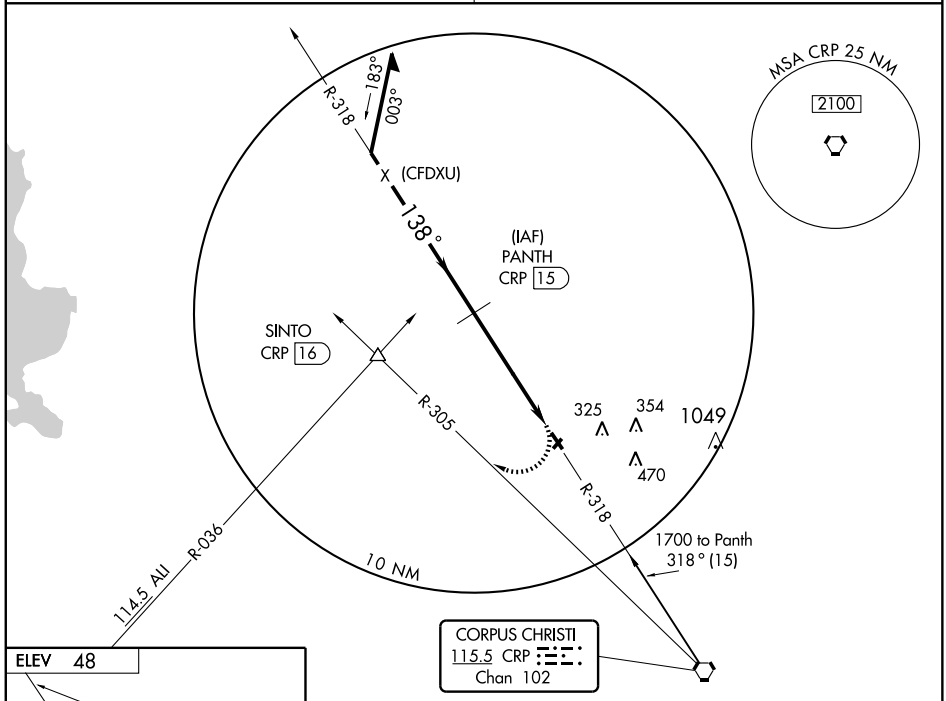
NA

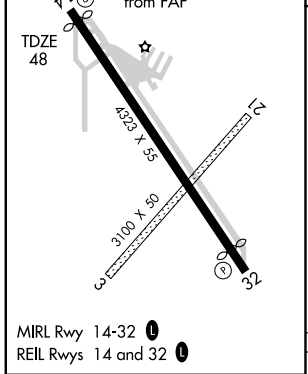
Use Corpus Christi Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 1700 via CRP R-305 to SINTO Int.

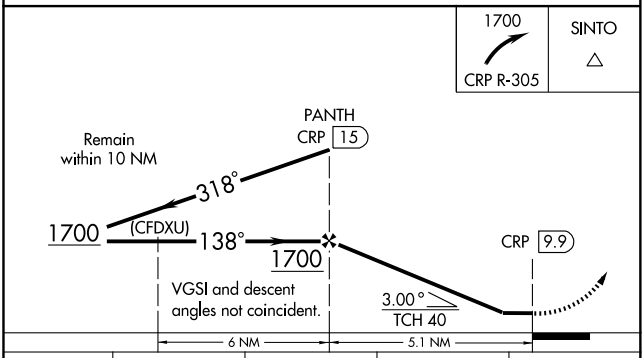
CORPUS APP CON
120.9 348.725

UNICOM
122.8 (CTAF) L





FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42



CATEGORY	A	B	C	D
S-14	640-1	592 (600-1)	NA	
CIRCLING	640-1 592 (600-1)	680-1 632 (700-1)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC CRP	APP CRS	Rwy Idg	3995
115.5	318°	TDZE	48
Chan 102		Apt Elev	48

VOR RWY 32

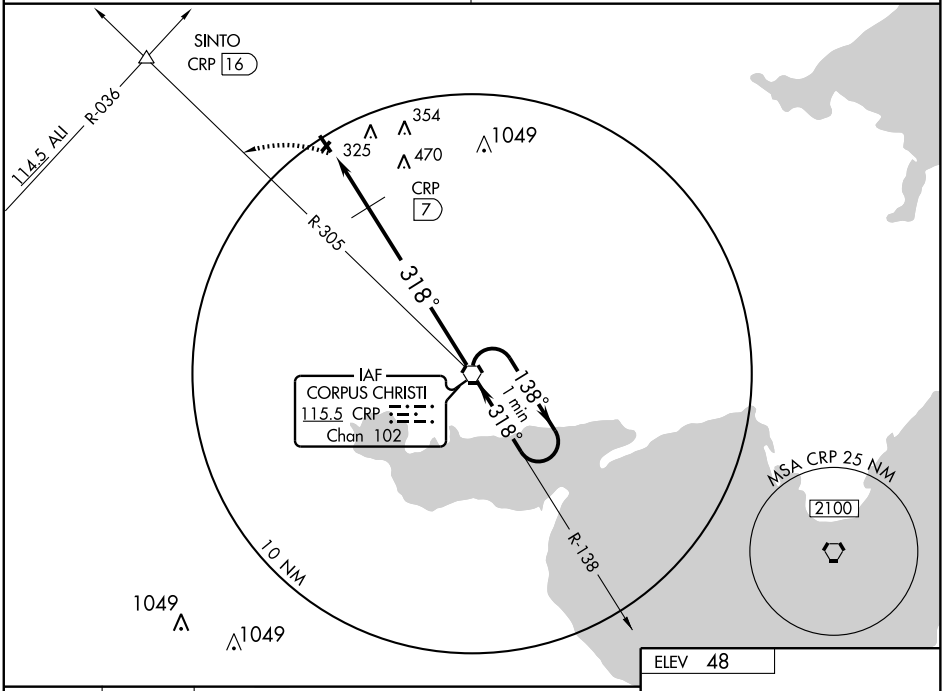
SINTON/ALFRED C 'BUBBA' THOMAS (T69)

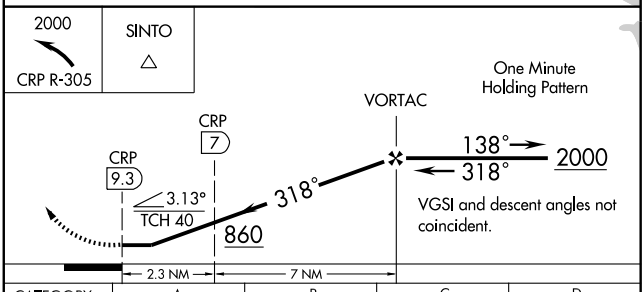
V
A NA — Use Corpus Christi Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 via CRP R-305 to SINTO Int.

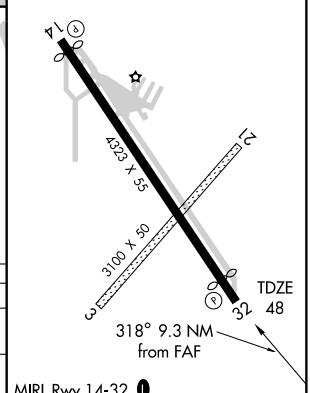
CORPUS APP CON
120.9 348.725

UNICOM
122.8 (CTAF) L





CATEGORY	A	B	C	D
S-32	860-1 812 (900-1)	860-1 ¼ 812 (900-1¼)	NA	
CIRCLING	860-1 812 (900-1)	860-1 ¼ 812 (900-1¼)	NA	
DME MINIMUMS				
S-32	640-1	592 (600-1)	NA	
CIRCLING	640-1 592 (600-1)	680-1 632 (700-1)	NA	



MIRL Rwy 14-32 L
REIL Rwys 14 and 32 L

FAF to MAP 9.3 NM

Knots	60	90	120	150	180
Min:Sec	9:18	6:12	4:39	3:43	3:06

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB SDR	APP CRS	Rwy Idg	5599
359	358°	TDZE	2426
		Apt Elev	2430

NDB RWY 35

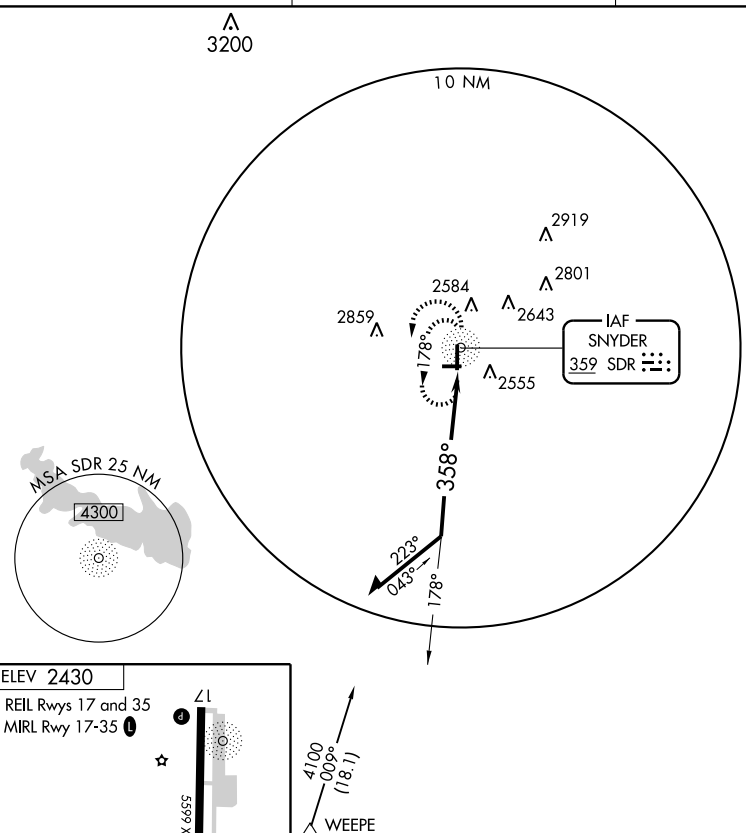
SNYDER/ WINSTON FIELD (SNK)

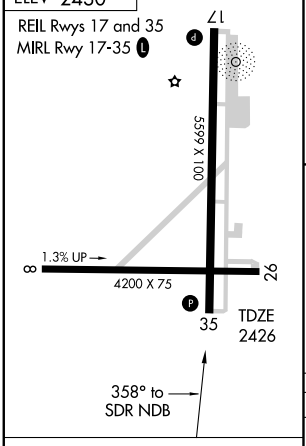
NA

Circling NA to Rwy 8-26.

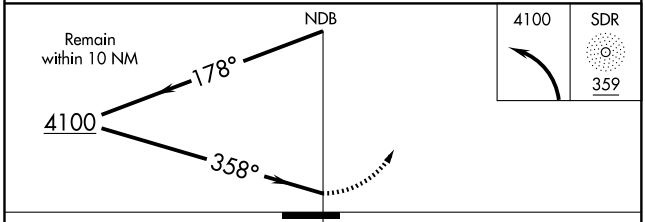
MISSED APPROACH: Climbing left turn to 4100 in SDR NDB holding pattern.

AWOS-3	FORT WORTH CENTER	UNICOM
119.925	127.45 290.3	122.8 (CTAF) L









Knots	60	90	120	150	180
Min:Sec					

CATEGORY	A	B	C	D
S-35	2960-1	534 (600-1)	2960-1½ 534 (600-1½)	NA
CIRCLING	2960-1	530 (600-1)	2960-1½ 530 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

SNYDER, TEXAS

AL-6013 (FAA)

APP CRS	Rwy Idg	5599
352°	TDZE	2426
	Apt Elev	2430

RNAV (GPS) RWY 35

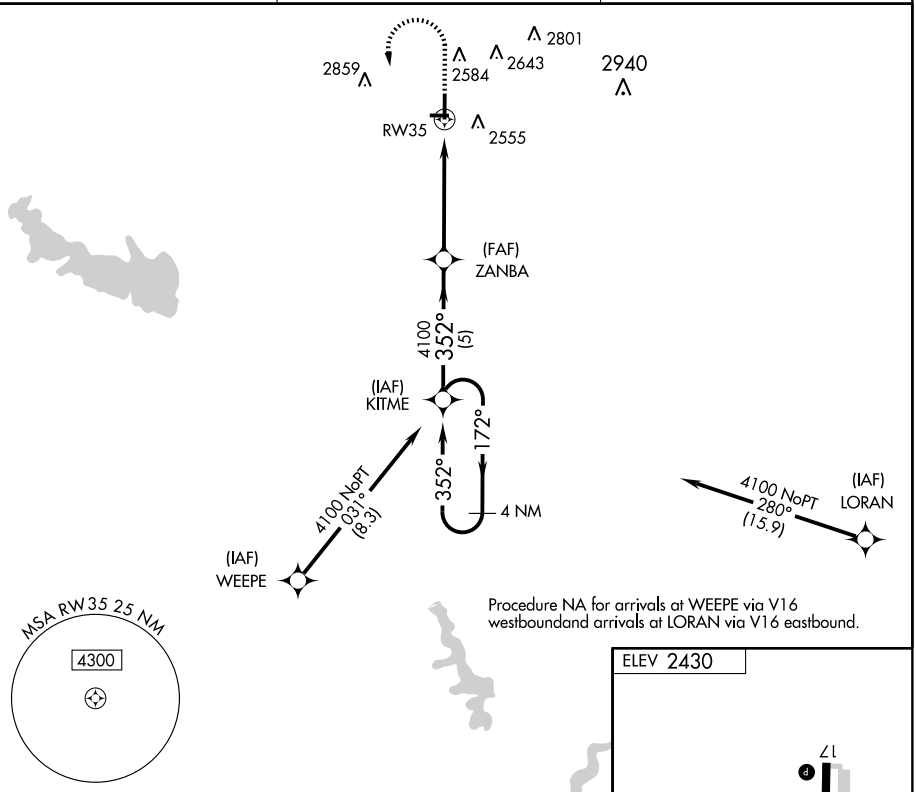
SNYDER/WINSTON FIELD (SNK)

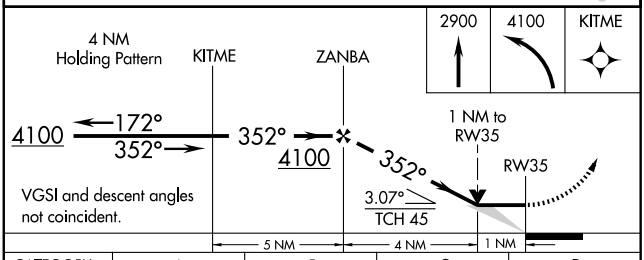
NA

Circling NA to Rwy 8-26.
GPS or RNP-0.3 Required.
DME/DME RNP-0.3 NA.

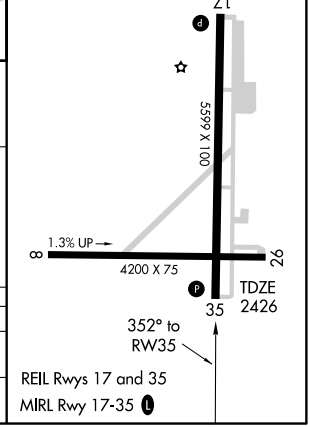
MISSED APPROACH: Climb to 2900, then climbing left turn to 4100 direct KITME WP and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
119.925	127.45 290.3	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	2780-1 354 (400-1)			NA
CIRCLING	2920-1 490 (500-1)		2920-1½ 490 (500-1½)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

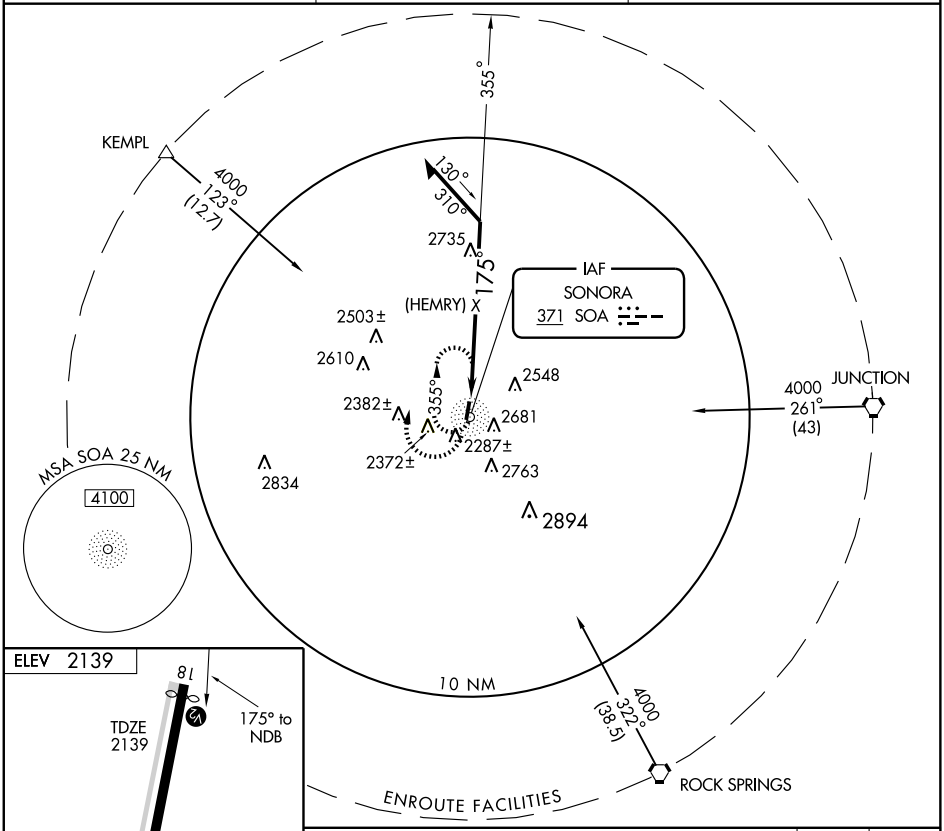
NDB SOA 371	APP CRS 175°	Rwy Idg 3944 TDZE 2139 Apt Elev 2139

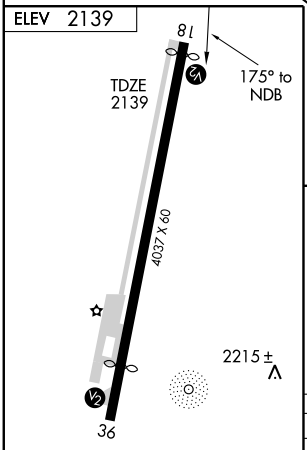
NDB or GPS RWY 18
SONORA MUNI (SOA)

Use San Angelo altimeter setting.
NA Procedure not authorized at night.

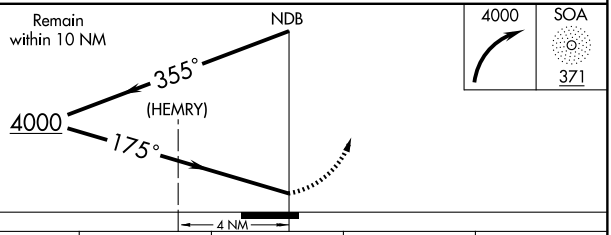
MISSED APPROACH: Climbing right turn to 4000 in SOA NDB holding pattern.

AWOS-3	HOUSTON CENTER	UNICOM
118.075	125.75 346.4	122.8 (CTAF) L





MIRL Rwy 18-36
REIL Rwy 18 and 36



CATEGORY	A	B	C	D
S-18	3240-1¼ 1101 (1200-1¼)	3240-1½ 1101 (1200-1½)	NA	
CIRCLING	3240-1¼ 1101 (1200-1¼)	3240-1½ 1101 (1200-1½)	NA	

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5022
020°	TDZE	3090
	Apt Elev	3090

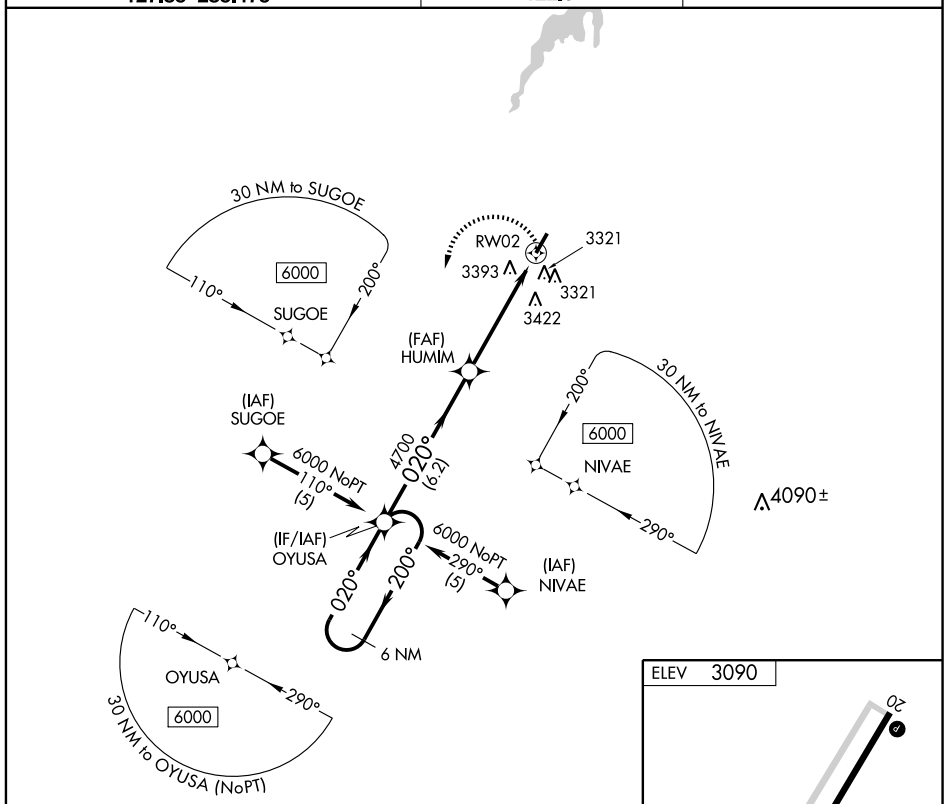
RNAV (GPS) RWY 2

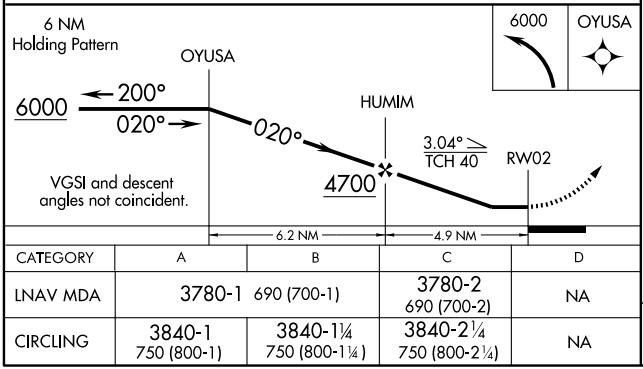
SPEARMAN MUNI (E42)

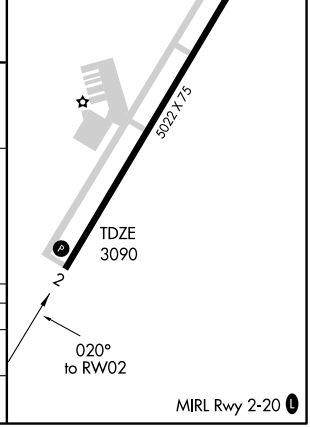
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Borger altimeter setting; when not received, use Rick Husband Amarillo Intl altimeter setting and increase all MDA 140 feet, increase LNAV Cat B visibility ¼ mile, LNAV Cat C visibility ½ mile, circling Cat A visibility ¼ mile, and circling Cat C visibility ½ mile.

MISSED APPROACH: Climbing left turn to 6000 direct OYUSA hold.

ALBUQUERQUE CENTER	CTAF	
127.85 285.475	122.9	122.8 L







CATEGORY	A	B	C	D
LNAV MDA	3780-1 690 (700-1)		3780-2 690 (700-2)	NA
CIRCLING	3840-1 750 (800-1)	3840-1¼ 750 (800-1¼)	3840-2¼ 750 (800-2¼)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5022
200°	TDZE	3090
	Apt Elev	3090

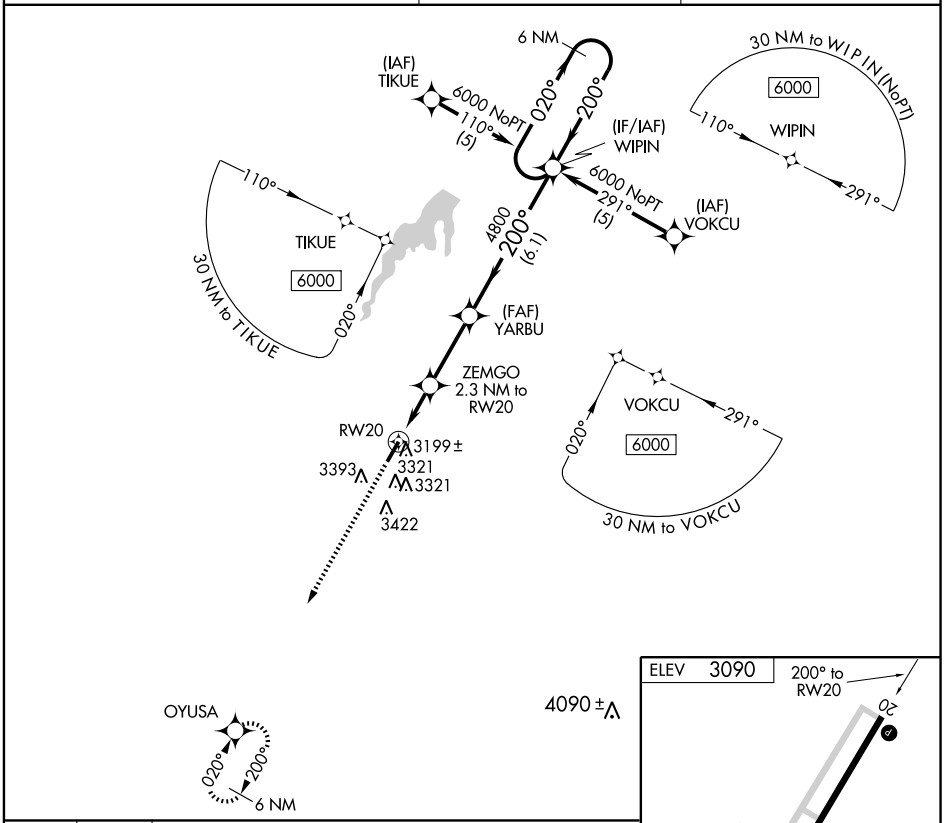
RNAV (GPS) RWY 20

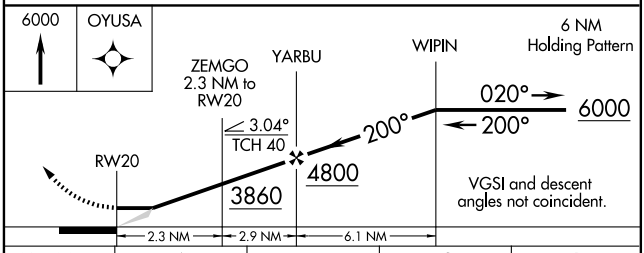
SPEARMAN MUNI (E42)

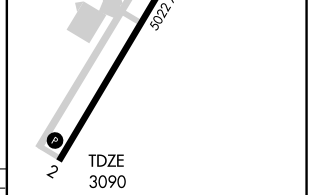
DME/DME RNP-0.3 NA. Use Borger altimeter setting; when not received, use Rick Husband Amarillo Intl altimeter setting and increase all MDA 140 feet, increase LNAV Cat C visibility ¼ mile, circling Cat A visibility ¼ mile, and circling Cat C visibility ½ mile.

MISSED APPROACH: Climb to 6000 direct OYUSA and hold, continue climb-in-hold to 6000.

ALBUQUERQUE CENTER	CTAF	122.8 L
127.85 285.475	122.9	







CATEGORY	A	B	C	D
LNAV MDA	3540-1 450 (500-1)		3540-1¼ 450 (500-1¼)	NA
CIRCLING	3840-1 750 (800-1)	3840-1¼ 750 (800-1¼)	3840-2¼ 750 (800-2¼)	NA

MIRL Rwy 2-20 L

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC BGD 108.6 Chan 23	APP CRS 009°	Rwy Idg 5022 TDZE 3090 Apt Elev 3090

VOR/DME RWY 2

SPEARMAN MUNI (E42)

Visibility reduction by helicopters NA. Use Borger altimeter setting; when not received, use Rick Husband Amarillo Intl altimeter setting and increase all MDA 140 feet, increase S-2 Cat C visibility ½ mile, circling Cat A visibility ¼ mile, and circling Cat C visibility ½ mile.

NA

MISSED APPROACH: Climbing right turn to 5100 direct BGD VORTAC and hold.

ALBUQUERQUE CENTER 127.85 285.475	CTAF 122.9	122.8 L

MSA BGD 30 NM
5200

LIBERAL
112.3 LBL
Chan 70

5100 to MATTS
182° (56.9)

Procedure NA for arrivals at BGD VORTAC via V390 southwest bound.

MABIC
BGD 25.9

3321
3393
3321
3422

(IAF)
MATTS
BGD 20

009°

10 NM

234°
054°

R-009

5100
009° (10)

(IF)
WORSO
BGD 10

5100 NoPT
009° (10)

IAF
BORGER
108.6 BGD
Chan 23

4090±
MISSED APCH FIX
108.6 BGD
Chan 23
355°
175°
R-175

ELEV 3090
20
2
5022 X 75
TDZE
3090
009° 6 NM
from FAF
MIRL Rwy 2-20 L

Remain within 10 NM

MATTS
BDG 20

189°

5100

009°

5100

MABIC
BGD 25.9

3.07°
TCH 50

6 NM

5100

BGD
108.6

VGSI and descent angles not coincident.

CATEGORY	A	B	C	D
S-2	3760-1 670 (700-1)	3760-1¼ 670 (700-1¼)	3760-1¾ 670 (700-1¾)	NA
CIRCLING	3840-1 750 (800-1)	3840-1¼ 750 (800-1¼)	3840-2¼ 750 (800-2¼)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB TMV	APP CRS		
290	348°	Rwy Idg	3705
		TDZE	1560
		Apt Elev	1560

NDB or GPS RWY 35

STAMFORD/ARLEDGE FIELD (F56)

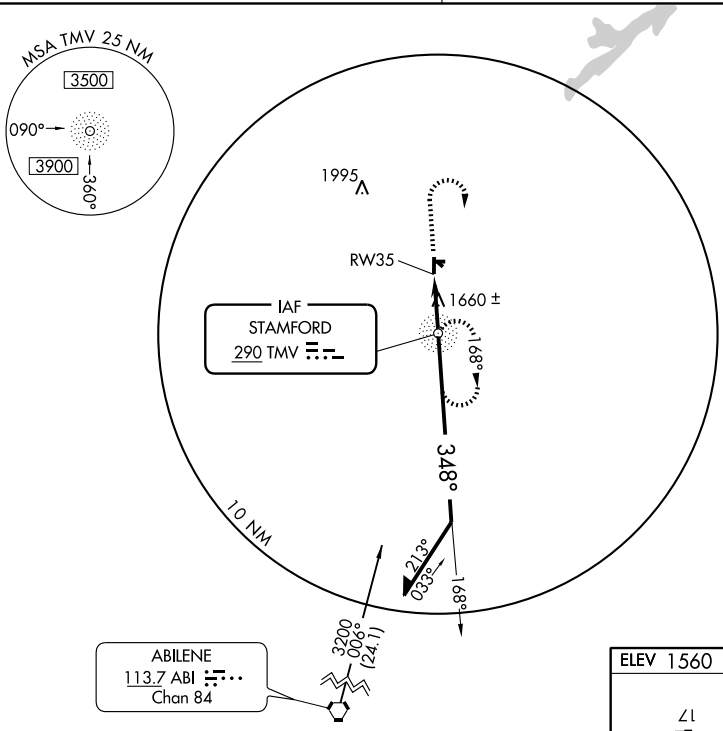
NA

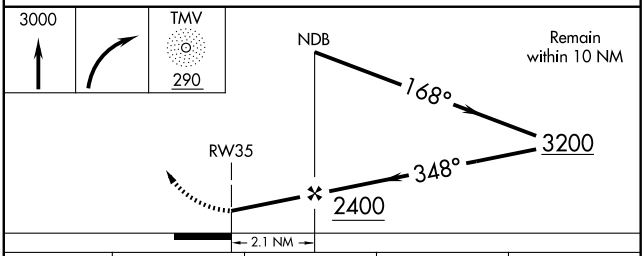
Use Abilene altimeter setting.

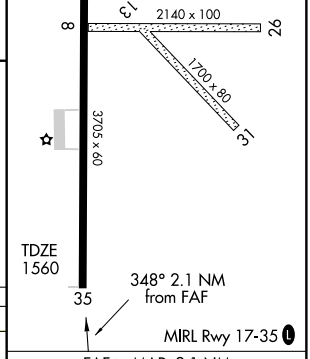
MISSED APPROACH: Climb straight ahead to 3000, then right turn direct TMV NDB and hold.

ABILENE APP CON
127.2 282.3

UNICOM
122.8 (CTAF) L







CATEGORY	A	B	C	D
S-35	2100-1	540 (600-1)	2100-1½ 540 (600-1½)	NA
CIRCLING	2100-1	540 (600-1)	2100-1½ 540 (600-1½)	NA

FAF to MAP 2.1 NM

Knots	60	90	120	150	180
Min:Sec	2:06	1:24	1:03	0:50	0:42

SC-2, 17 DEC 2009 to 14 JAN 2010

STEPHENVILLE, TEXAS

AL-6026 (FAA)

APP CRS	Rwy Idg	4209
142°	TDZE	1321
	Apt Elev	1321

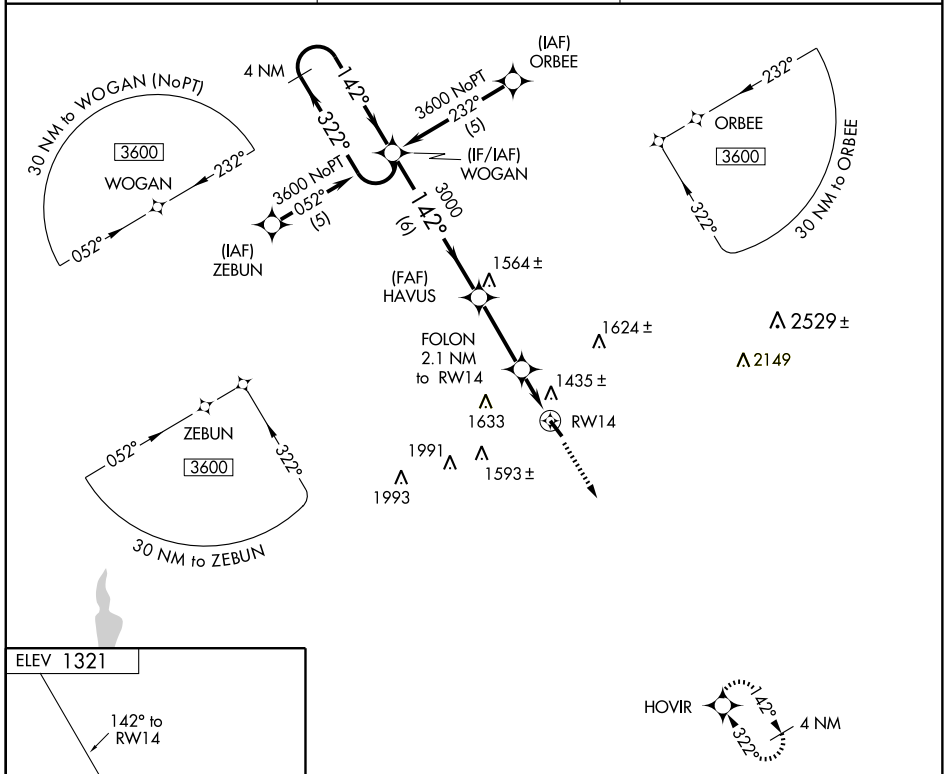
RNAV (GPS) RWY 14

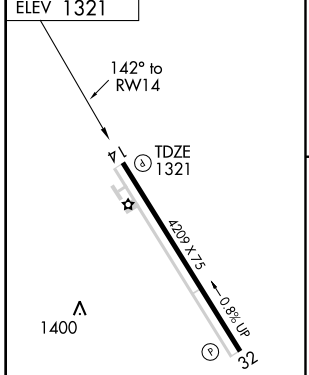
STEPHENVILLE/CLARK FIELD MUNI (SEP)

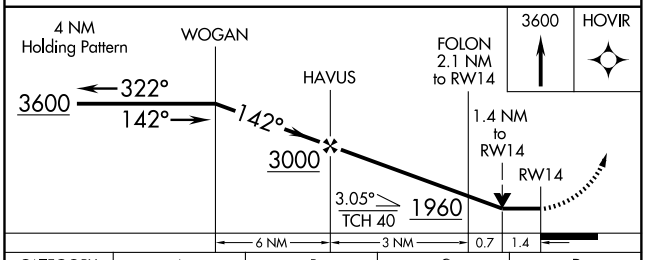
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3600 direct HOVIR and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.075	127.15 314.0	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1820-1 499 (500-1)		1820-1¼ 499 (500-1¼)	1820-1½ 499 (500-1½)
CIRCLING	1820-1 499 (500-1)		1820-1½ 499 (500-1½)	1960-2 639 (700-2)

MIRL Rwy 14-32

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4209
322°	TDZE	1313
	Apt Elev	1321

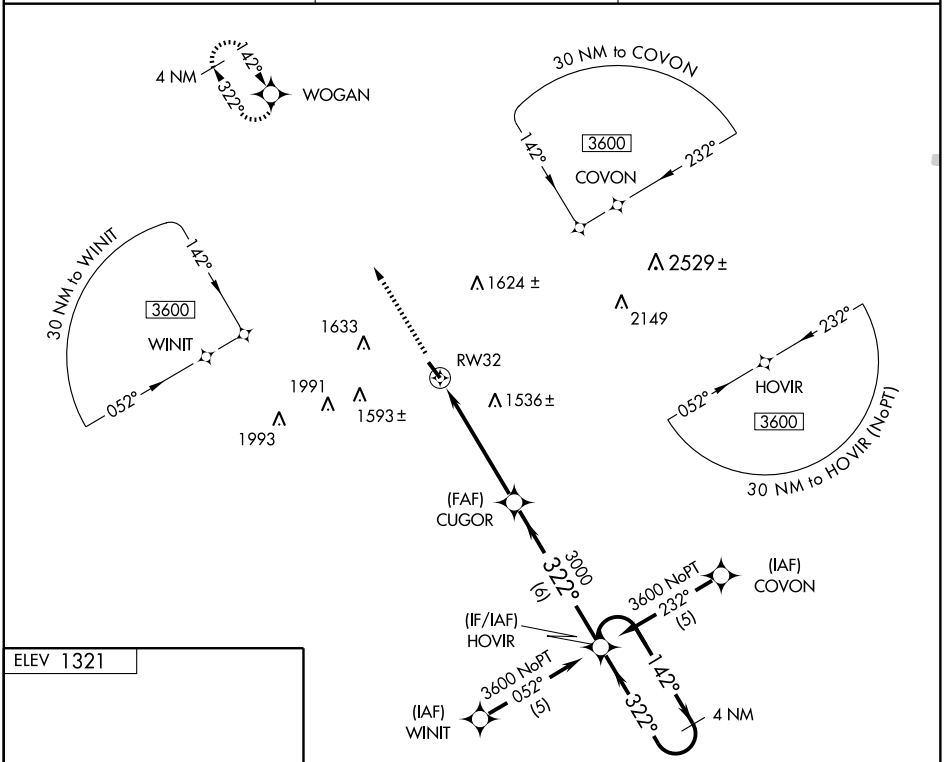
RNAV (GPS) RWY 32

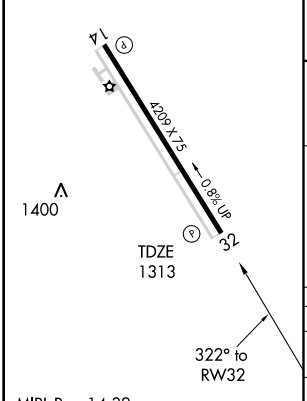
STEPHENVILLE/CLARK FIELD MUNI (SEP)

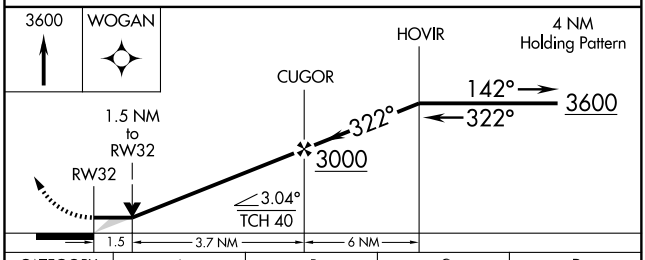
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3600 direct WOGAN and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.075	127.15 314.0	122.8 (CTAF)







CATEGORY	A	B	C	D
LNAV MDA	1820-1 507 (500-1)		1820-1½ 507 (500-1½)	
CIRCLING	1820-1 499 (500-1)		1820-1½ 499 (500-1½)	1960-2 639 (700-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

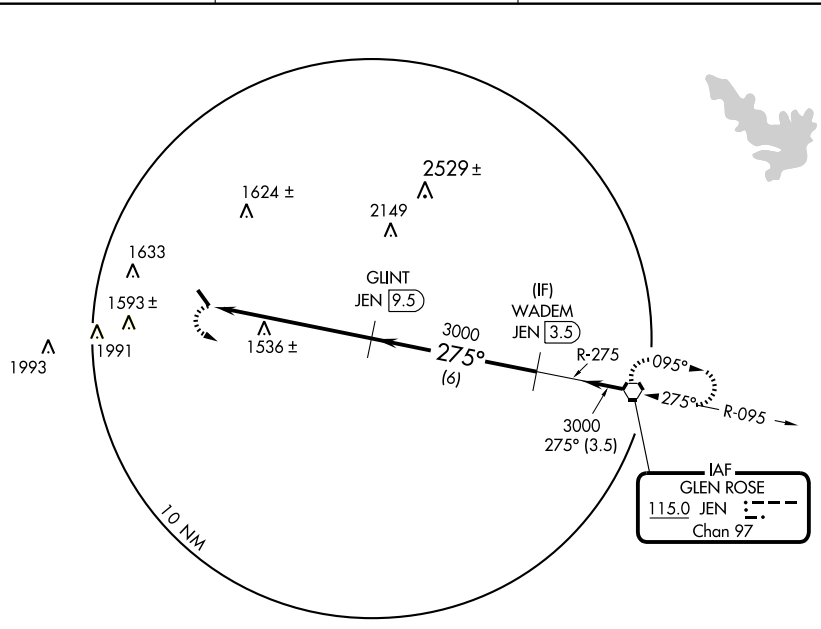
VORTAC JEN 115.0 Chan 97	APP CRS 275°	Rwy Idg N/A TDZE N/A Apt Elev 1321

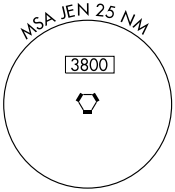
VOR/DME-A

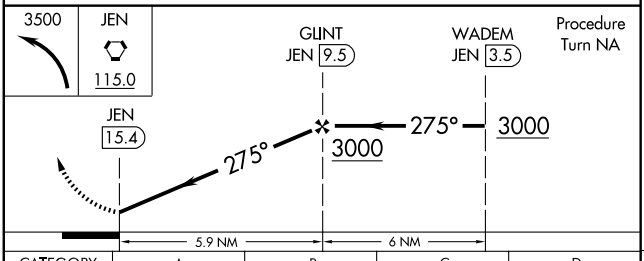
STEPHENVILLE/CLARK FIELD MUNI (SEP)

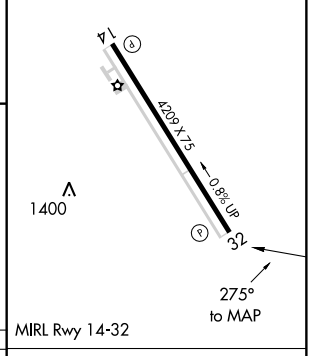
MISSED APPROACH: Climbing left turn to 3500 direct JEN VORTAC and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.075	127.15 314.0	122.8 (CTAF)









CATEGORY	A	B	C	D
CIRCLING	1820-1 499 (500-1)		1820-1½ 499 (500-1½)	1960-2 639 (700-2)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC DHT	APP CRS	Rwy Idg	N/A
112.0	046°	TDZE	N/A
Chan 57		Apt Elev	3667

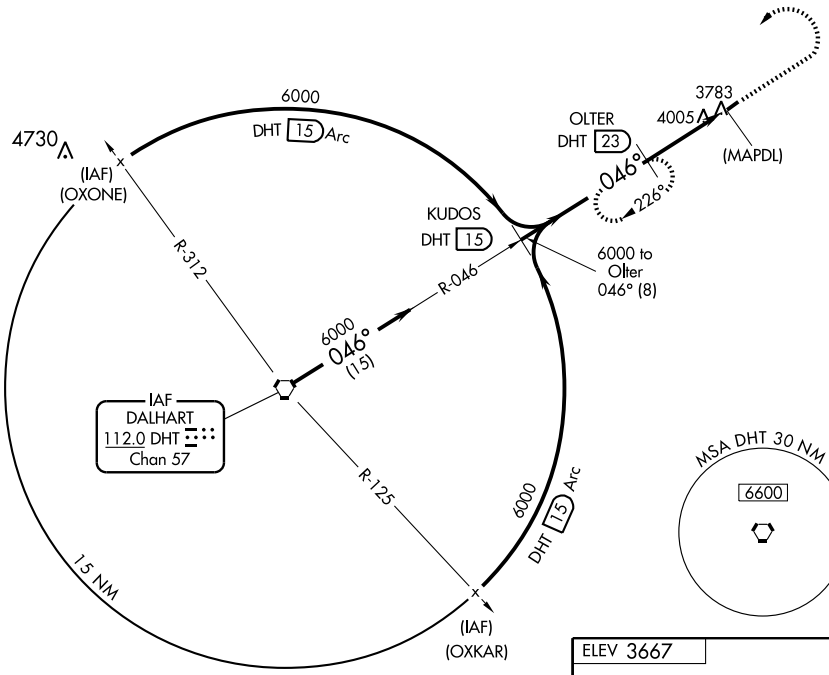
VOR/DME or GPS-A

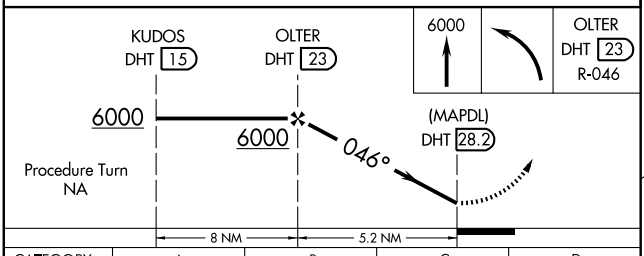
STRATFORD FIELD (H70)

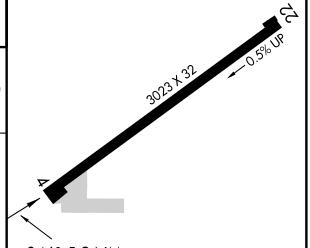
T
NA Use Dalhart altimeter setting; when not available, use Amarillo Intl altimeter setting.

MISSED APPROACH: Climb to 6000 then left turn to OLTER/23 DME via R-046 and hold.

FORT WORTH RADIO	CTAF
122.2 255.4	122.9







CATEGORY	A	B	C	D
CIRCLING	4840-1¼ 1173 (1200-1¼)	4840-1½ 1173 (1200-1½)	NA	

LIRL Rwy 4-22

AMARILLO INTL ALTIMETER SETTING MINIMUMS

CIRCLING	4920-1¼ 1253 (1300-1¼)	4920-1½ 1253 (1300-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5001
004°	TDZE	489
	Apt Elev	489

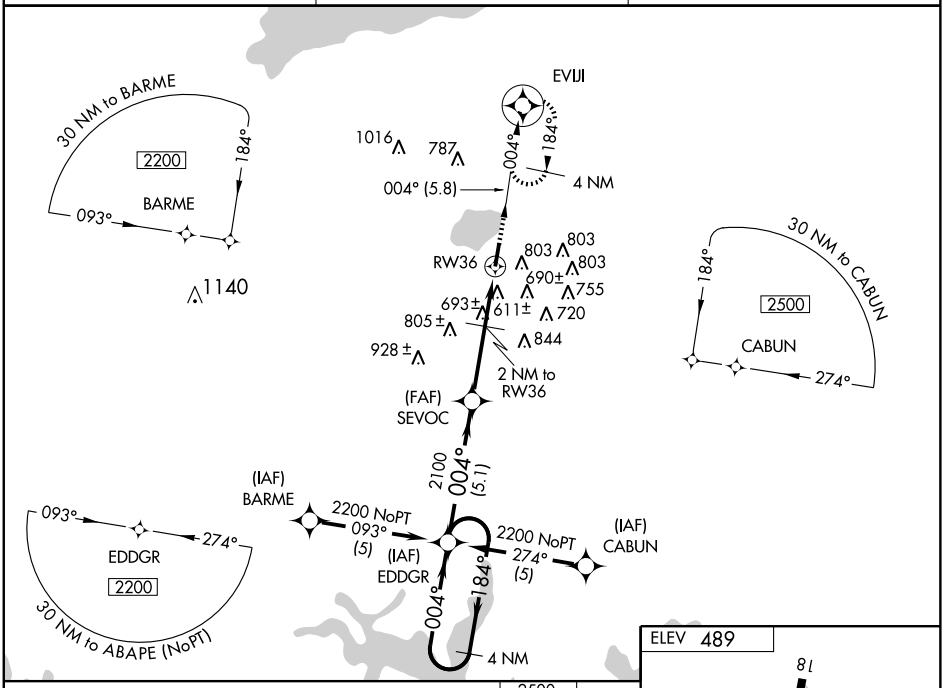
RNAV (GPS) RWY 36
SULPHUR SPRINGS MUNI (SLR)

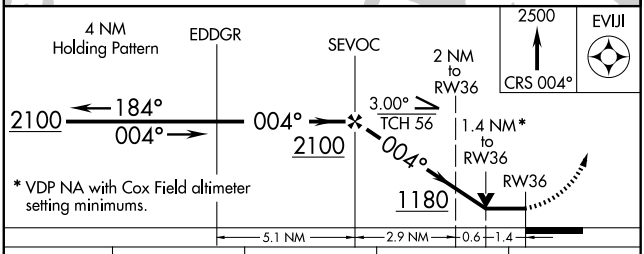
GPS or RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. Obtain local altimeter setting on CTAF; when not received, use Cox Field altimeter setting. Circling not authorized east of Runway 18-36.

NA

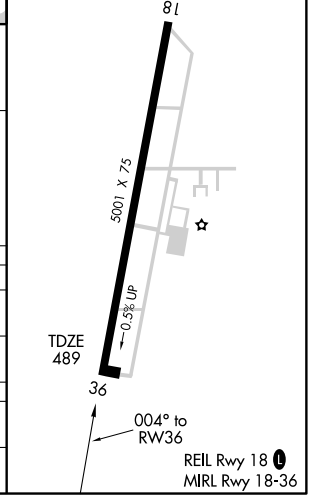
MISSED APPROACH: Climb to 2500 via 004° course to EVIJI WP and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.35	132.85 360.75	123.075 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1000-1	511 (600-1)	1000-1½ 511 (600-1½)	NA
CIRCLING	1000-1	511 (600-1)	1000-1½ 511 (600-1½)	NA
COX FIELD ALTIMETER SETTING MINIMUMS				
LNAV MDA	1080-1	591 (600-1)	1080-1½ 591 (600-1½)	NA
CIRCLING	1080-1	591 (600-1)	1080-1½ 591 (600-1½)	NA



SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME SLR	APP CRS	Rwy Idg	N/A
109.0	231°	TDZE	N/A
Chan 27		Apt Elev	489

VOR-A

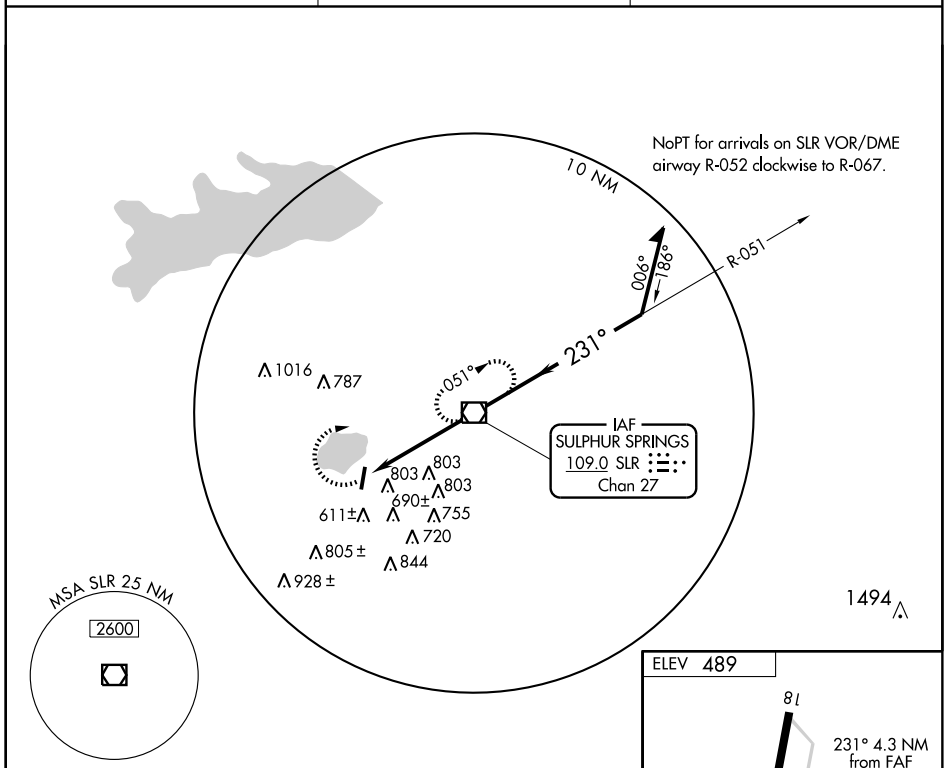
SULPHUR SPRINGS MUNI (SLR)

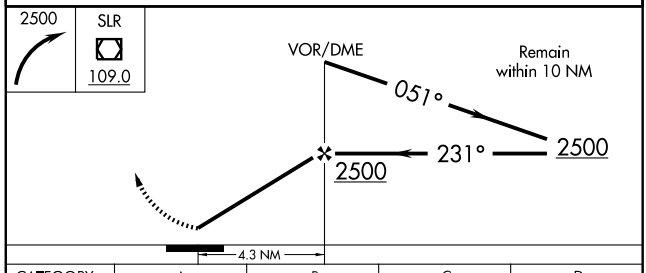
Obtain local altimeter setting on CTAF; when not received, use Cox Field altimeter setting minimums. Circling not authorized east of Runway 18-36.

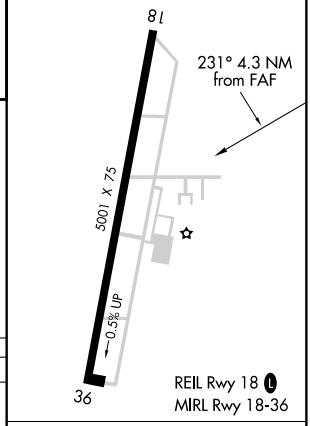
NA

MISSED APPROACH: Climbing right turn to 2500 direct SLR VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.35	132.85 360.75	123.075 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1060-1	571 (600-1)	1060-1½ 571 (600-1½)	NA
COX FIELD ALTIMETER SETTING MINIMUMS				
CIRCLING	1140-1	651 (700-1)	1140-1¾ 651 (700-1¾)	NA

FAF to MAP 4.3 NM

Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME SLR	APP CRS	Rwy Idg	N/A
109.0	051°	TDZE	N/A
Chan 27		Apt Elev	489

VOR/DME-B

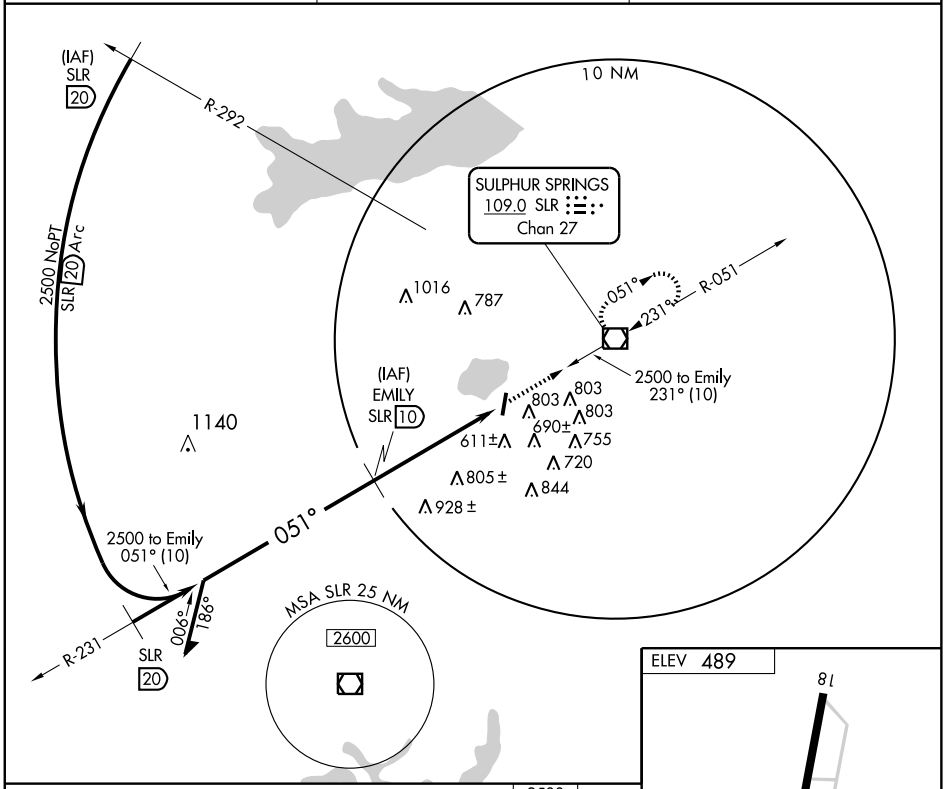
SULPHUR SPRINGS MUNI (SLR)

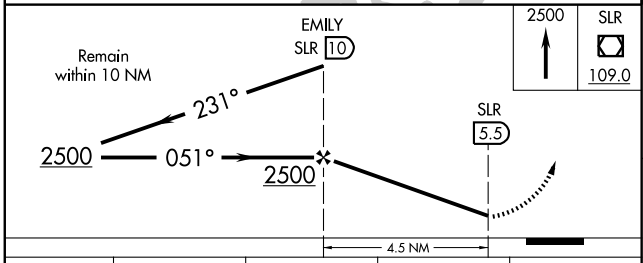
Obtain local altimeter setting on CTAF; when not received, use Cox Field altimeter setting. Circling not authorized east of Runway 18-36.

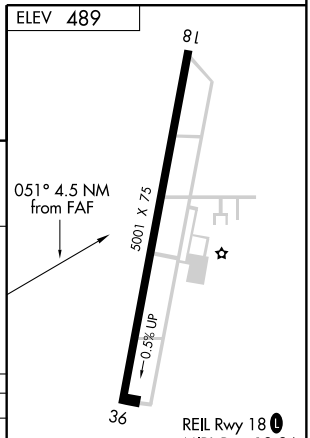
NA

MISSED APPROACH: Climb to 2500 direct SLR VOR/DME and hold.

AWOS-3	FORT WORTH CENTER	UNICOM
118.35	132.85 360.75	123.075 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	940-1 451 (500-1)	960-1 471 (500-1)	960-1½ 471 (500-1½)	NA
COX FIELD ALTIMETER SETTING MINIMUMS				
CIRCLING	1020-1 531 (600-1)	1040-1 551 (600-1)	1040-1½ 551 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB SWW 275	APP CRS 160°	Rwy Idg 5835 TDZE 2364 Apt Elev 2385

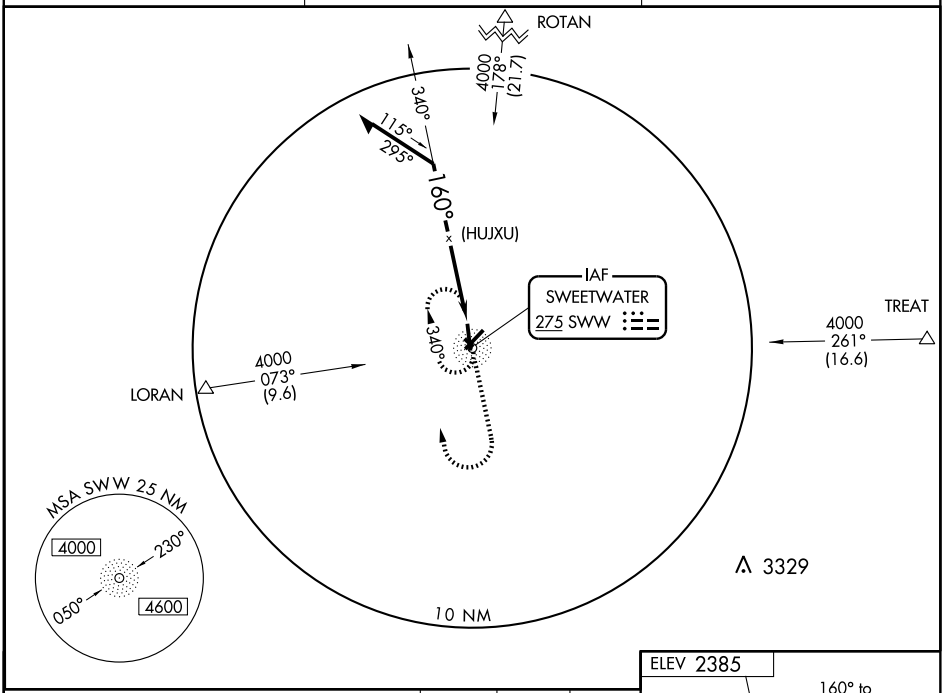
NDB or GPS RWY 17

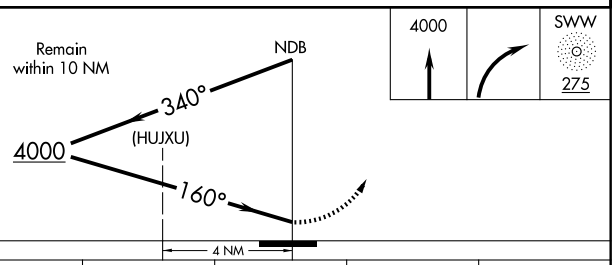
SWEETWATER/AVENGER FIELD (SWW)

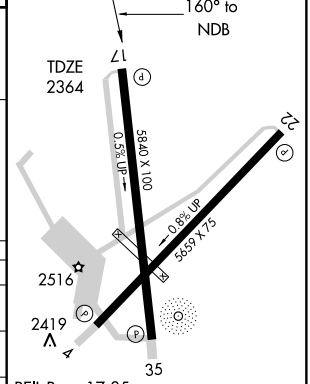
NA Obtain local altimeter setting on CTAF; if not received, use Abilene, TX altimeter setting.

MISSED APPROACH: Climb to 4000, right turn direct SWW NDB and hold.

AWOS-3	ABILENE APP CON	UNICOM
119.025	127.2 282.3	122.8 (CTAF)







CATEGORY	A	B	C	D
S-17	2880-1 516 (500-1)		2880-1½ 516 (500-1½)	2880-1¾ 516 (500-1¾)
CIRCLING	2880-1 495 (500-1)		2880-1½ 495 (500-1½)	2940-2 555 (600-2)
ABILENE ALTIMETER SETTING MINIMUMS				
S-17	3060-1 696 (700-1)		3060-2 696 (700-2)	3060-2¼ 696 (700-2¼)
CIRCLING	3060-1 675 (700-1)		3060-2 675 (700-2)	3060-2¼ 675 (700-2¼)

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC CWK 112.8 Chan 75	APP CRS 194°	Rwy Idg 4000 TDZE 600 Apt Elev 600

VOR/DME RWY 17

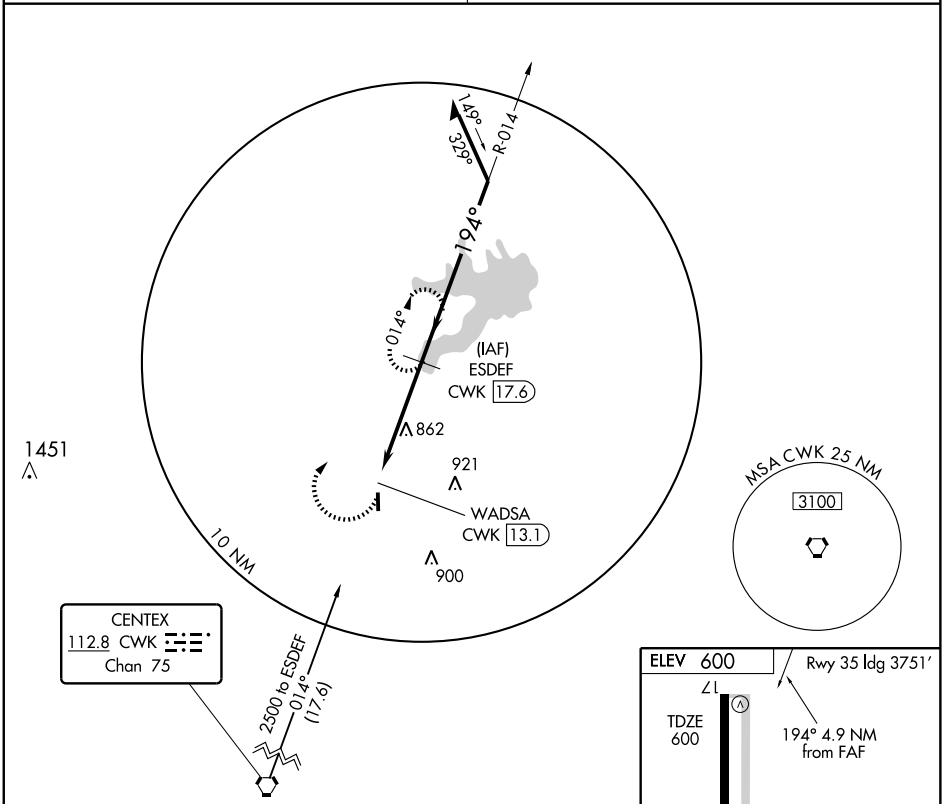
TAYLOR MUNI (T74)

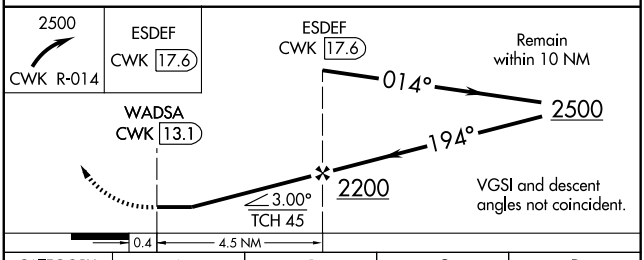
Use Austin-Bergstrom Intl altimeter setting, when not received use Georgetown Muni altimeter setting.

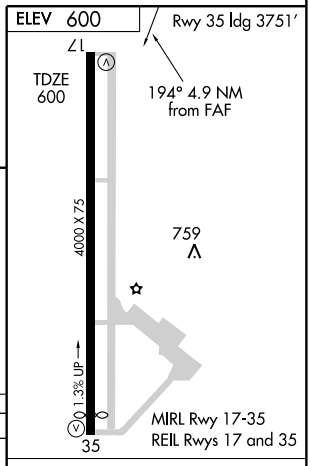
NA

MISSED APPROACH: Climbing right turn to 2500 via CWK VORTAC R-014 to ESDEF/17.6 DME and hold.

AUSTIN APP CON	UNICOM
127.225 317.65	122.8 (CTAF)







CATEGORY	A	B	C	D
S-17	1180-1	580 (600-1)	NA	
CIRCLING	1180-1	580 (600-1)	NA	

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-TPL	APP CRS	Rwy Idg	6301
111.5	156°	TDZE	682
Chan 52		Apt Elev	682

ILS RWY 15

TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

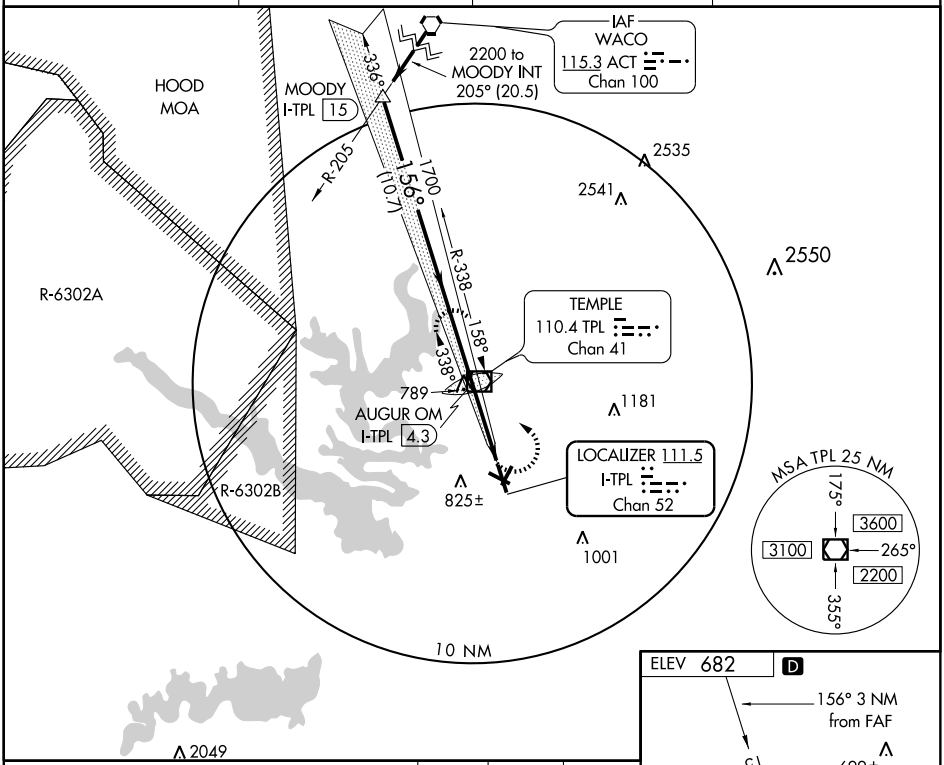
For inoperative MALSR increase S-LOC 15 Cat D 1 mile.

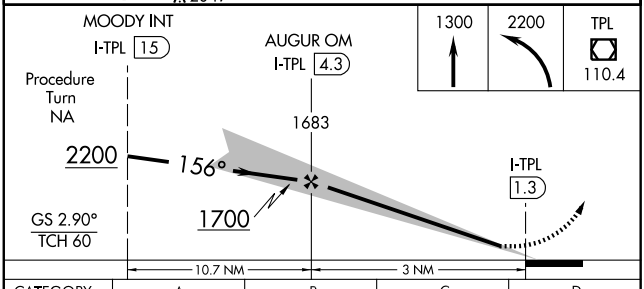
NA

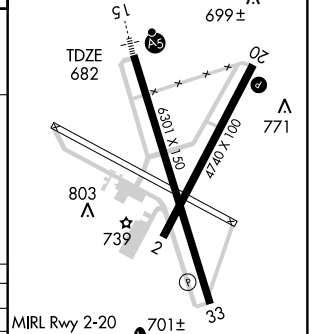
MALSR

MISSED APPROACH: Climb to 1300, then climbing left turn to 2200 direct TPL VOR/DME and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 15	882-½ 200 (200-½)			
S-LOC 15	980-½ 298 (300-½)			980-¾ 298 (300-¾)
CIRCLING	1140-1 458 (500-1)		1160-1½ 478 (500-1½)	1240-2 558 (600-2)

FAF to MAP 3 NM

Knots	60	90	120	150	180
Min:Sec	3:00	2:00	1:30	1:12	1:00

SC-3. 17 DEC 2009 to 14 JAN 2010

WAAS Ch 72701 W02A	APP CRS 021°	Rwy Idg 4740 TDZE 675 Apt Elev 682

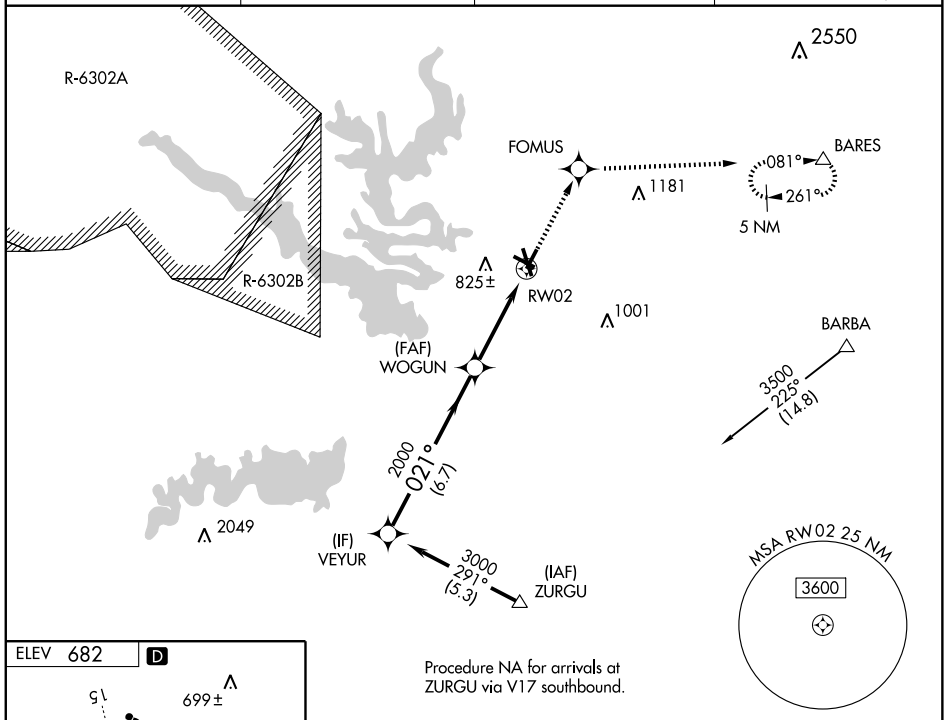
RNAV (GPS) RWY 2

TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

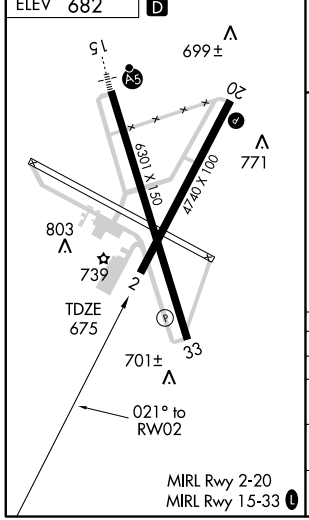
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). If local altimeter setting not received, use Killeen altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Killeen altimeter setting.

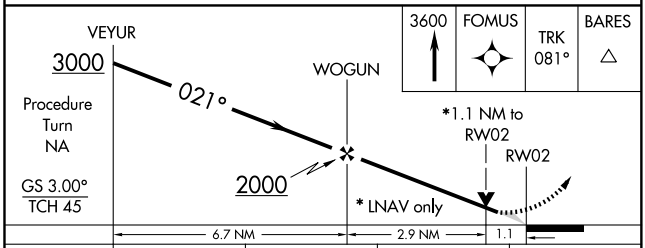
MISSED APPROACH: Climb to 3600 direct FOMUS and via 081° track to BARES and hold, continue climb-in-hold to 3600.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L



Procedure NA for arrivals at ZURGU via V17 southbound.





CATEGORY	A	B	C	D
LPV DA	925-1 250 (300-1)			
LNAV/VNAV DA	1145-1¾ 470 (500-1¾)			
LNAV MDA	1060-1 385 (400-1)			1060-1¼ 385 (400-1¼)
CIRCLING	1160-1¾ 478 (500-1¾)	1180-1¾ 498 (500-1¾)		1240-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6301
Ch 78101	156°	TDZE	682
W15A		Apt Elev	682

RNAV (GPS) RWY 15

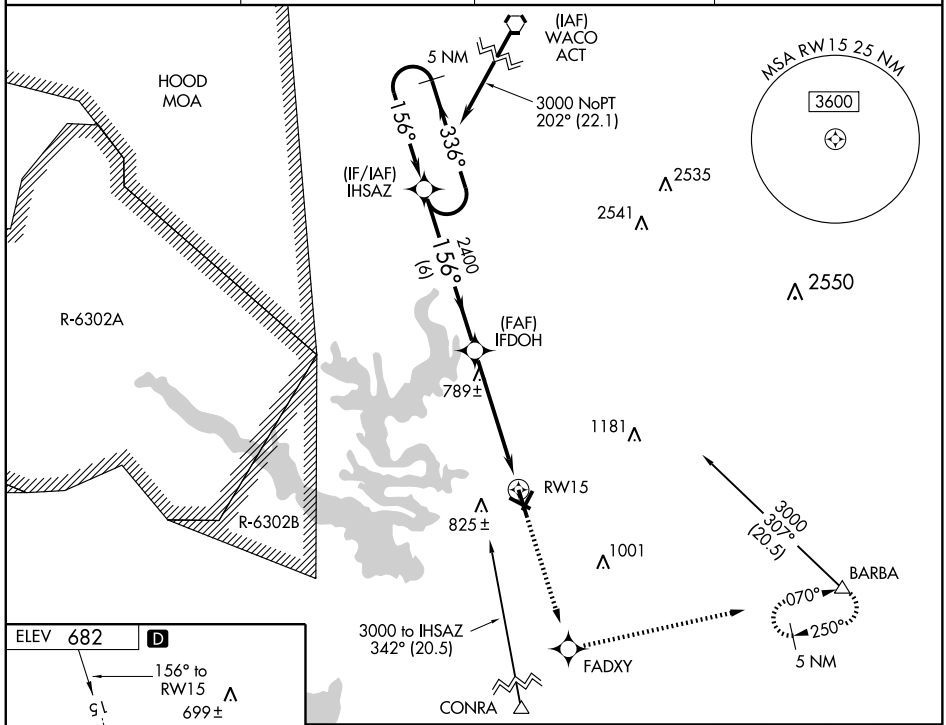
TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

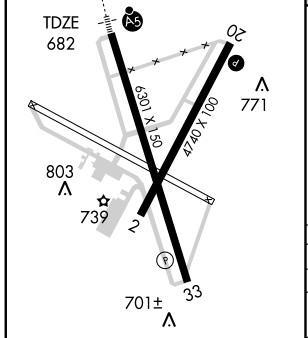
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). If local altimeter setting not received, use Killeen altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Killeen altimeter setting. For inoperative MALSR, increase LPV all Cats visibility to ¾ mile, and LNAV Cat D visibility to 1¼ mile.

MALSR

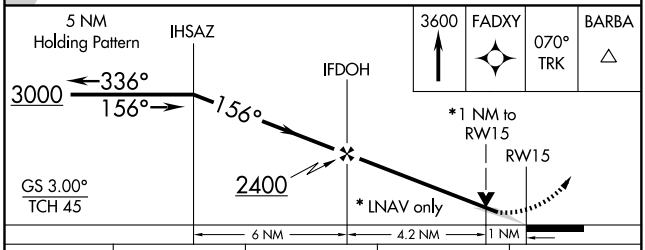
MISSED APPROACH: Climb to 3600 direct FADXY and via 070° track to BARBA and hold, continue climb-in-hold to 3600.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L





MIRL Rwy 2-20
MIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LPV DA	932-½ 250 (300-½)			
LNAV/VNAV DA	1025-¾ 343 (400-¾)			
LNAV MDA	1040-½ 358 (400-½)			1040-1 358 (400-1)
CIRCLING	1120-1¼ 438 (500-1¼)	1180-1¼ 498 (500-1¼)	1180-1½ 498 (500-1½)	1240-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

WAAS	APP CRS	Rwy Idg	6301
Ch 82401	336°	TDZE	675
W33A		Apt Elev	682

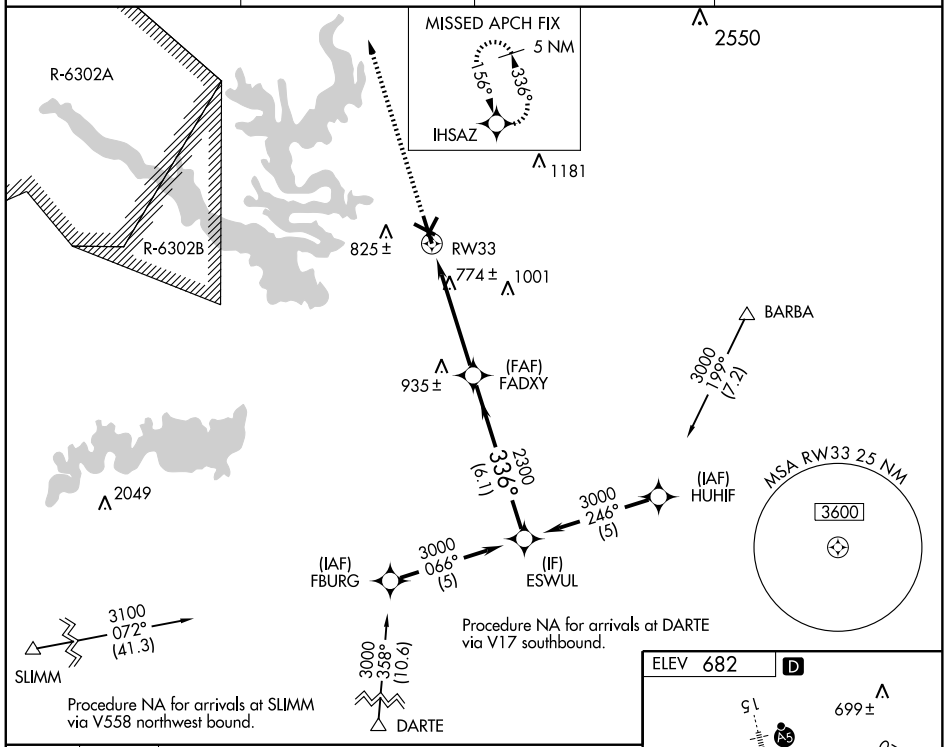
RNAV (GPS) RWY 33

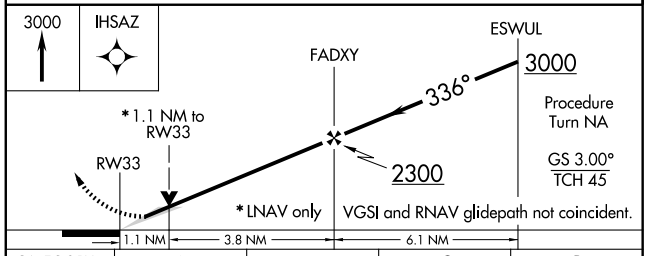
TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

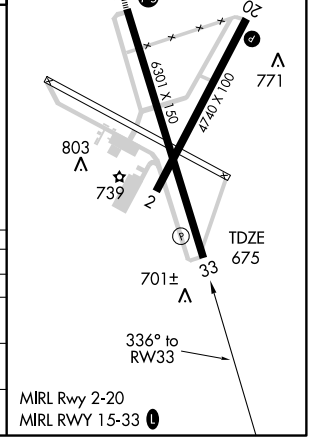
DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). If local altimeter setting not received, use Killeen altimeter setting and increase all DAs/MDAs 60 feet. Baro-VNAV and VDP NA when using Killeen altimeter setting.

MISSED APPROACH: Climb to 3000 direct IHSAZ and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	925-1 250 (300-1)			
LNAV/VNAV DA	951-1 276 (300-1)			
LNAV MDA	1040-1 365 (400-1)			1040-1¼ 365 (400-1¼)
CIRCLING	1120-1 438 (500-1)	1180-1 498 (500-1)	1180-1½ 498 (500-1½)	1240-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME TPL	APP CRS	Rwy Idg	6301
110.4	158°	TDZE	682
Chan 41		Apt Elev	682

VOR RWY 15

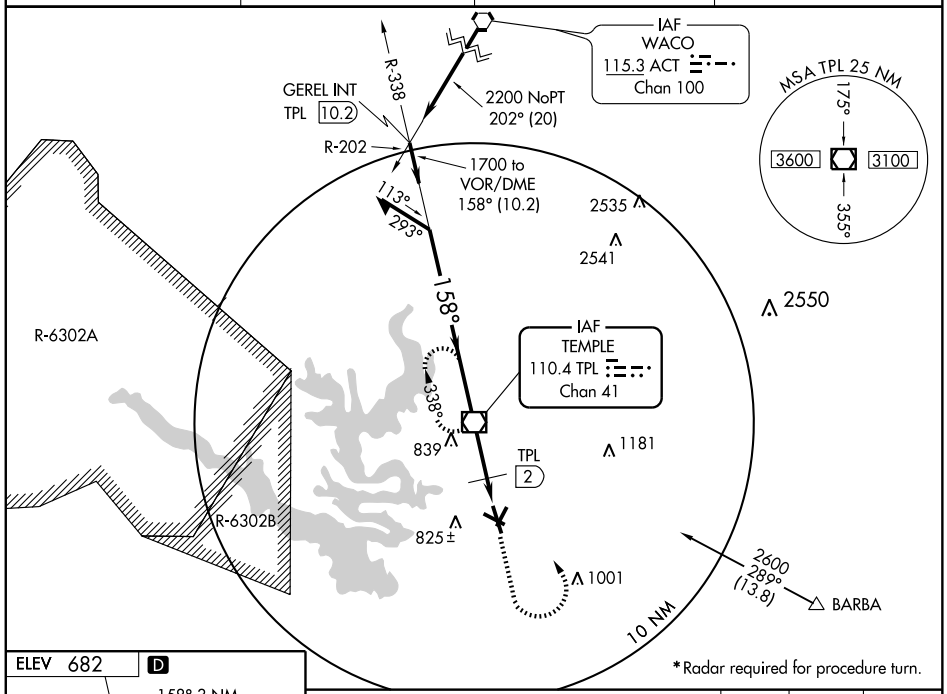
TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

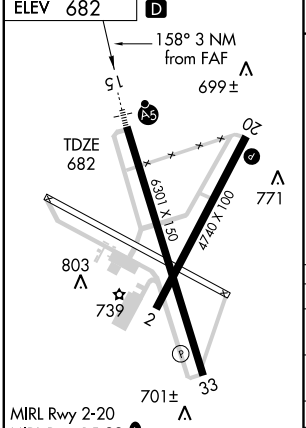
For inoperative MALSR, increase S-15 Cat D visibility ¼ mile.
DME MINIMUMS: Inoperative table does not apply to Cat D.

MALSR

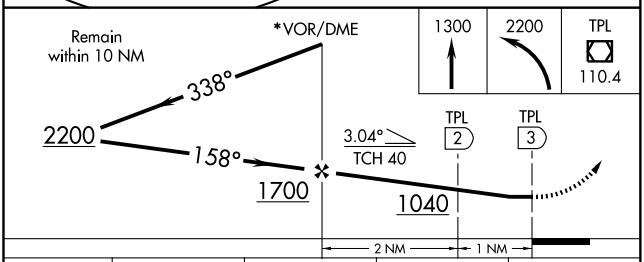
MISSED APPROACH: Climb to 1300, then climbing left turn to 2200 direct TPL VOR/DME and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L





FAF to MAP 3 NM					
Knots	60	90	120	150	180
Min:Sec	3:00	2:00	1:30	1:12	1:00



CATEGORY	A	B	C	D
S-15	1040-½ 358 (400-½)			1040-1 358 (400-1)
CIRCLING	1140-1 458 (500-1)		1160-1½ 478 (500-1½)	1240-2 558 (600-2)
DME MINIMUMS				
S-15	980-½ 298 (300-½)			980-1 298 (300-1)
CIRCLING	1140-1 458 (500-1)		1160-1½ 478 (500-1½)	1240-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

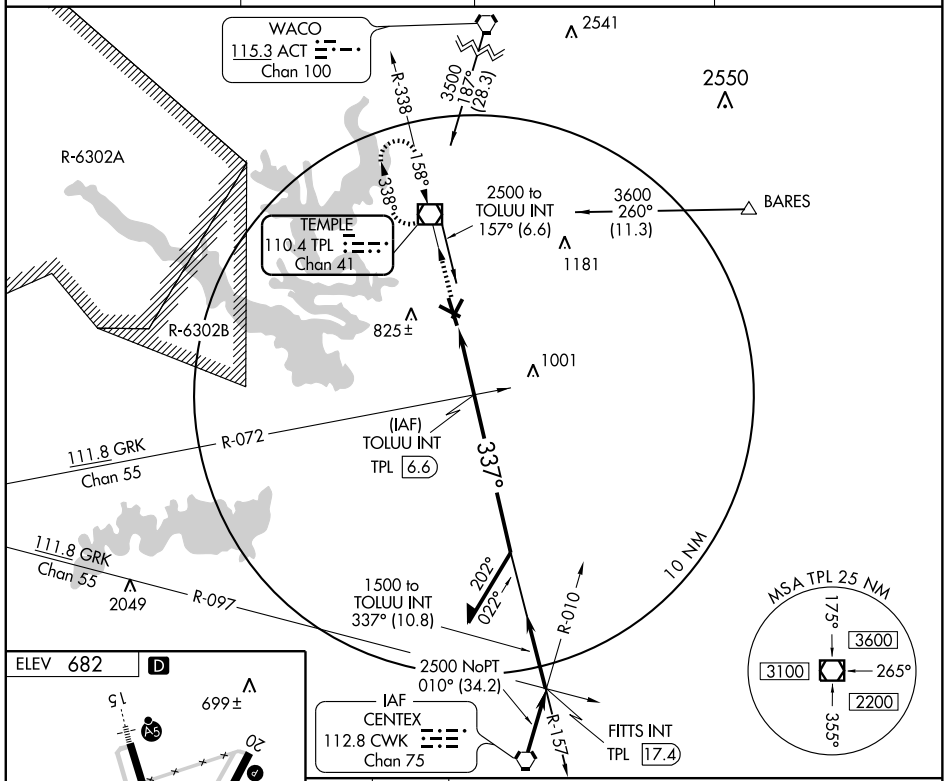
VOR/DME TPL	APP CRS	Rwy Idg	6301
110.4	337°	TDZE	675
Chan 41		Apt Elev	682

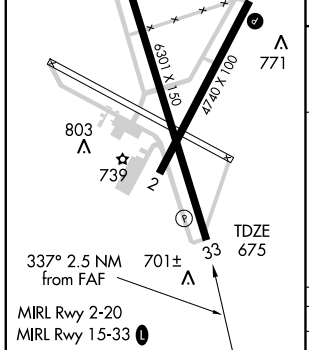
VOR RWY 33

TEMPLE/ DRAUGHON-MILLER CENTRAL TEXAS RGNL (TPL)

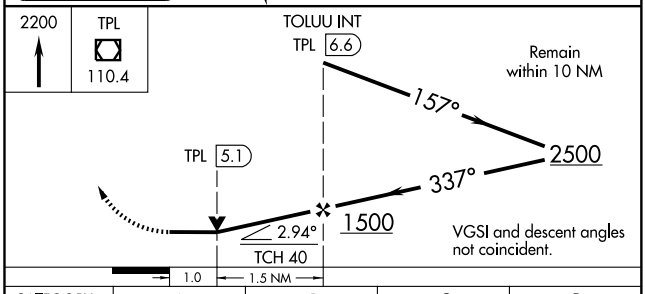
MISSED APPROACH: Climb to 2200 direct TPL VOR/DME and hold.

AWOS-3	GRAY APP CON	CLNC DEL	UNICOM
134.975	120.075 370.0	125.9	123.0 (CTAF) L





FAF to MAP 2.5 NM					
Knots	60	90	120	150	180
Min:Sec	2:30	1:40	1:15	1:00	0:50



CATEGORY	A	B	C	D
S-33	1040-1 365 (400-1)			1040-1¼ 365 (400-1¼)
CIRCLING	1140-1 458 (500-1)		1160-1½ 478 (500-1½)	1240-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB AVZ	APP CRS	Rwy Idg	5006
260	193°	TDZE	474
		Apt Elev	474

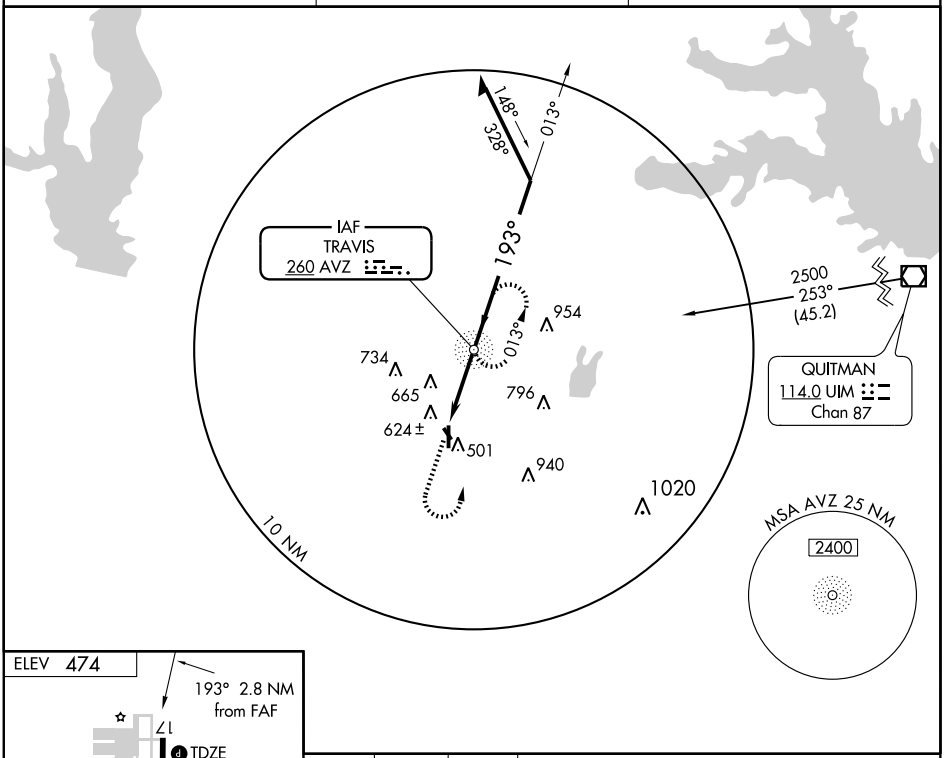
NDB RWY 17
TERRELL MUNI (TRL)

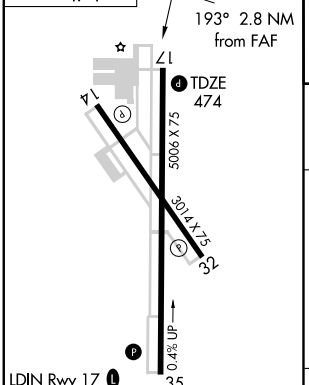
When VGSI inoperative, straight-in/circling Rwy 17 procedure not authorized at night. If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all MDAs 80 feet.

NA

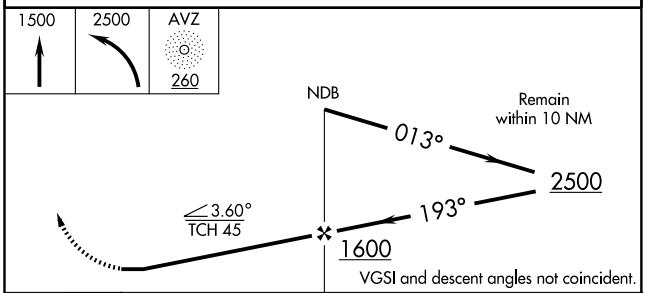
MISSED APPROACH: Climb to 1500 then climbing left turn to 2500 direct AVZ NDB and hold.

ASOS	FORT WORTH CENTER	UNICOM
119.275	132.85 397.9	122.8 (CTAF) L





FAF to MAP 2.8 NM					
Knots	60	90	120	150	180
Min:Sec	2:48	1:52	1:24	1:07	0:56



CATEGORY	A	B	C	D
S-17	980-1	506 (600-1)	980-1½ 506 (600-1½)	NA
CIRCLING	980-1	506 (600-1)	980-1½ 506 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

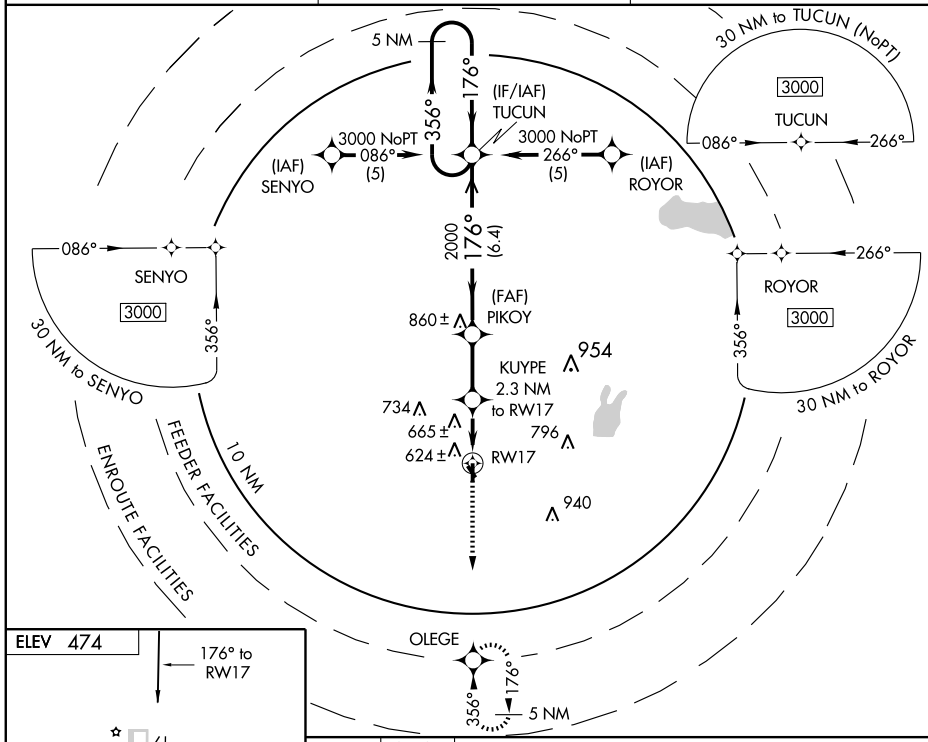
WAAS	APP CRS	Rwy Idg	5006
CH 77699	176°	TDZE	474
W17A		Apt Elev	474

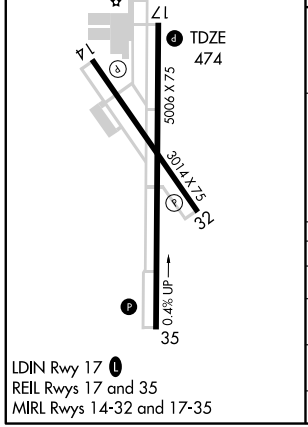
RNAV (GPS) RWY 17
TERRELL MUNI (TRL)

When VGSI inoperative, straight-in/circling Rwy 17 procedure NA at night. If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all DAs 73 feet and all MDAS 80 feet. Baro-VNAV NA when using Dallas-Love Field altimeter setting. BARO-VNAV NA below-15°C (5°F). DME/DME RNP-0.3 NA.

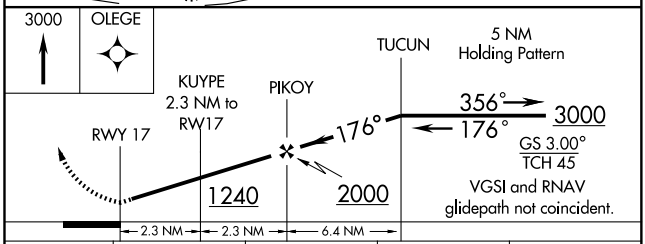
MISSED APPROACH: Climb to 3000 direct OLEGE and hold.

ASOS	FORT WORTH CENTER	UNICOM
119.275	132.85 397.9	122.8 (CTAF) L





LDIN Rwy 17 L
REIL Rwys 17 and 35
MIRL Rwys 14-32 and 17-35



CATEGORY	A	B	C	D
LPV DA	756-1 282 (300-1)			NA
LNAV/VNAV DA	983-1¾ 509 (600-1¾)			NA
LNAV MDA	920-1 446 (500-1)		920-1¼ 446 (500-1¼)	NA
CIRCLING	1000-1¾ 526 (600-1¾)			NA

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 81999 W35A	APP CRS 356°	Rwy Idg 5006 TDZE 472 Apt Elev 474

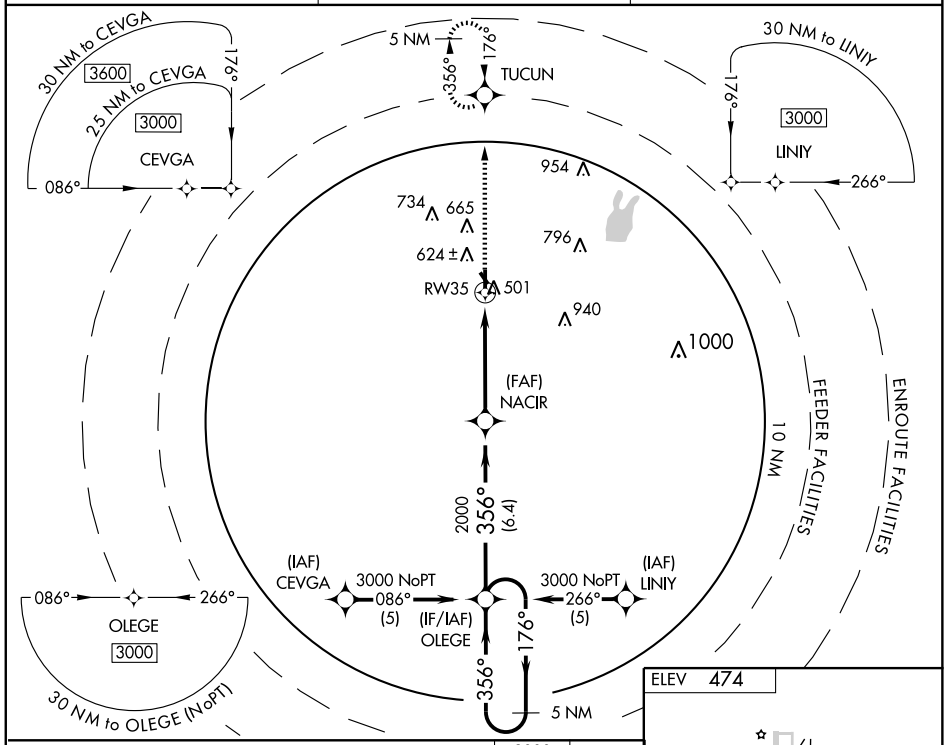
RNAV (GPS) RWY 35

TERRELL MUNI (TRL)

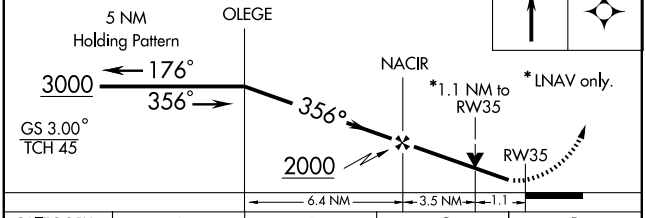
Baro-VNAV and VDP NA when using Dallas-Love Field altimeter setting. Baro-VNAV NA below -15°C (5°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use Dallas-Love Field altimeter setting and increase all DAs 73 feet and all MDAs 80 feet.

MISSED APPROACH: Climb to 3000 direct TUCUN and hold.

ASOS	FORT WORTH CENTER	UNICOM
119.275	132.85 397.9	122.8 (CTAF) L

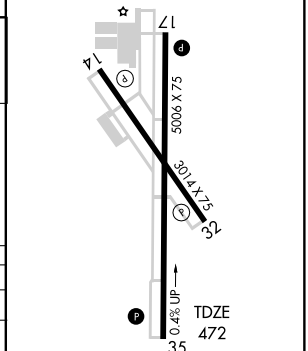


VGSI and RNAV glidepath not coincident.



CATEGORY	A	B	C	D
LPV DA	730-1	258 (300-1)		NA
LNAV/VNAV DA	801-1¼	329 (400-1¼)		NA
LNAV MDA	820-1	348 (400-1)		NA
CIRCLING	980-1¼ 506 (600-1¼)		980-1½ 506 (600-1½)	NA

ELEV 474



SC-2, 17 DEC 2009 to 14 JAN 2010

AIRPORT DIAGRAM

AL-622 (FAA)

TYLER POUNDS RGNL (TYR)
TYLER, TEXAS

ATIS
126.25
POUNDS TOWER ★
120.1 257.8
GND CON
121.9

D

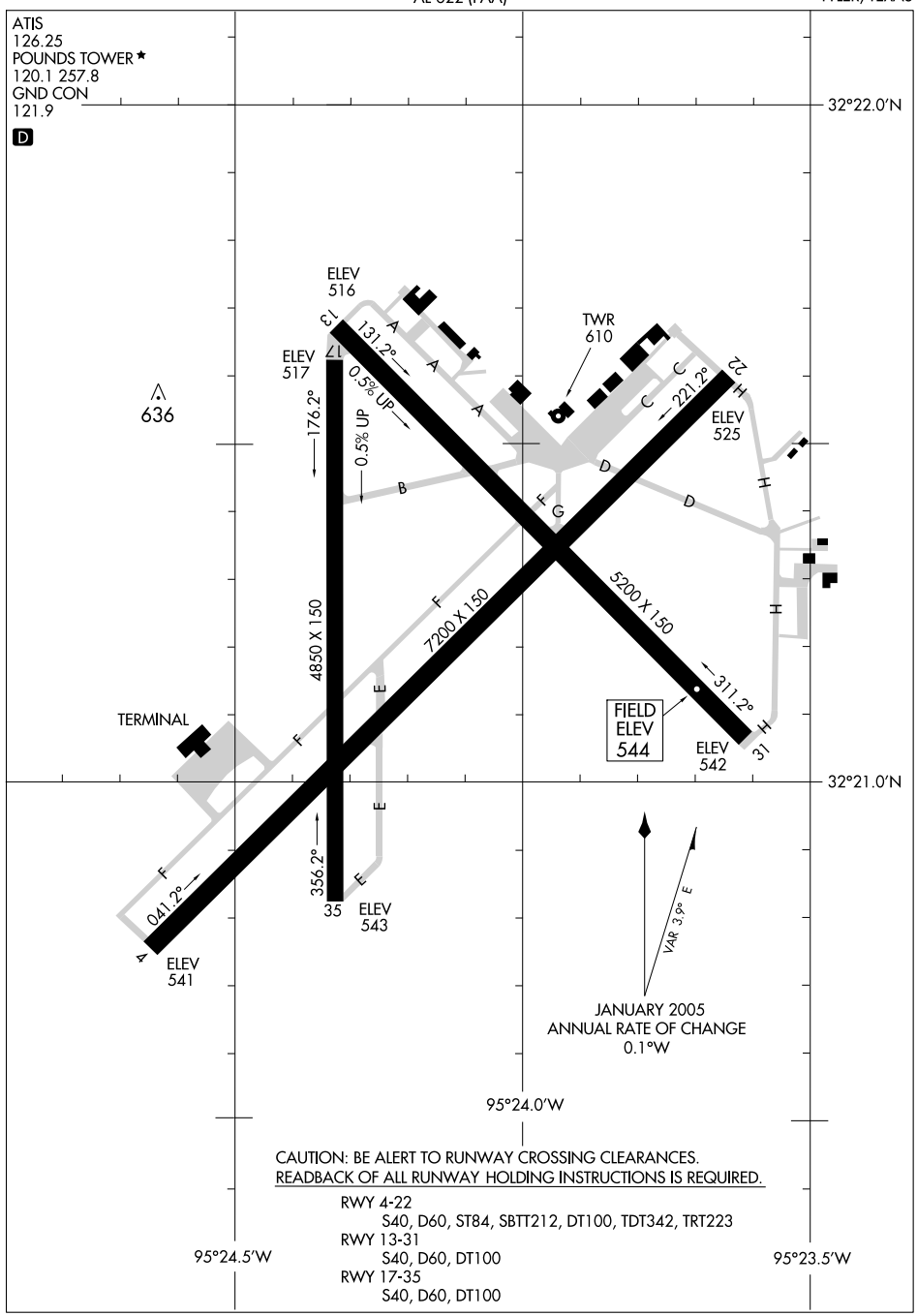
32°22.0'N

32°21.0'N

95°24.0'W

95°24.5'W

95°23.5'W



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

RWY 4-22
S40, D60, ST84, SBTT212, DT100, TDT342, TRT223
RWY 13-31
S40, D60, DT100
RWY 17-35
S40, D60, DT100

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC I-TYR	APP CRS	Rwy Idg	5200
109.9	129°	TDZE	540
		Apt Elev	544

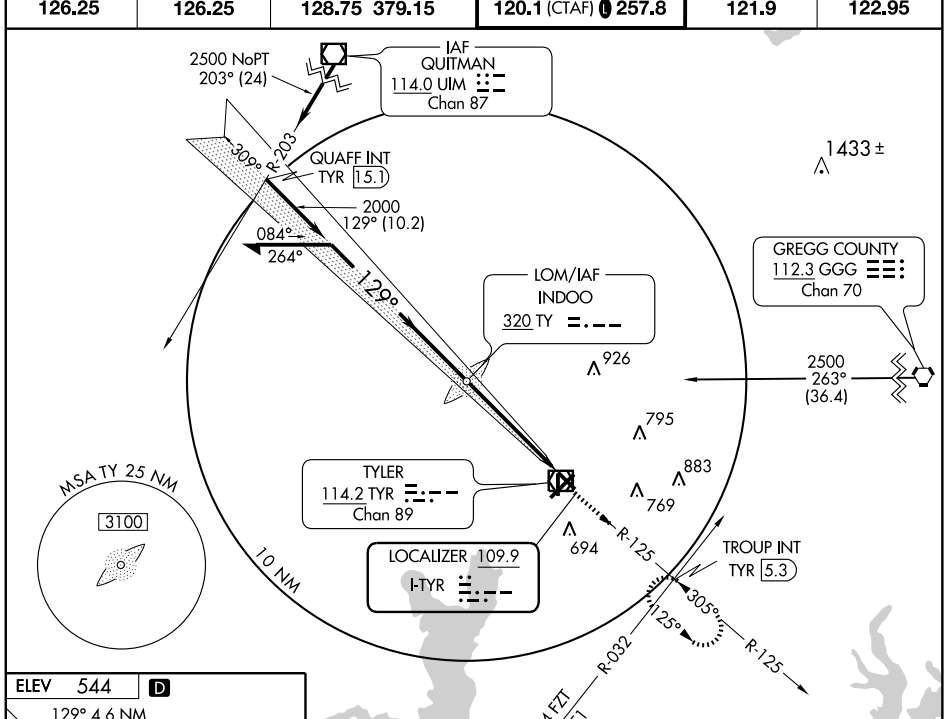
ILS RWY 13
TYLER POUNDS RGNL (TYR)

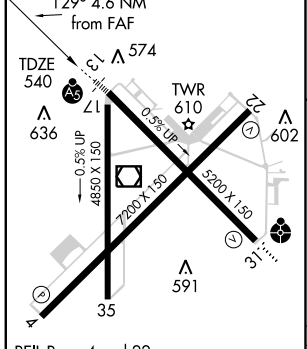
For inoperative MALSR, increase S-LOC 13 Cat D visibility to 1.

MALSR

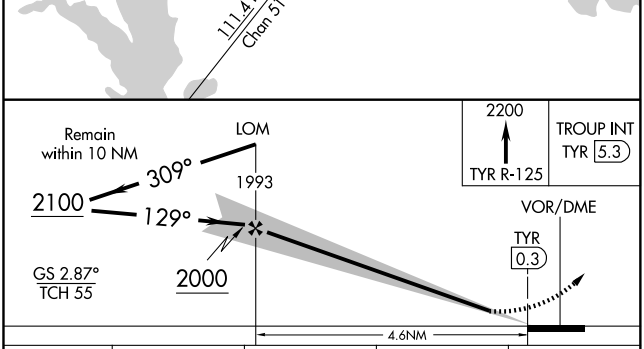
MISSED APPROACH: Climb to 2200 via TYLER VOR/DME R-125 to TROUP Int/5.3 DME and hold.

ASOS *	ATIS	LONGVIEW APP CON *	POUNDS TOWER *	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95





REIL Rwys 4 and 22
HIRL Rwy 13-31 L
MIRL Rwys 4-22 and 17-35 L



FAF to MAP 4.6 NM					
Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

CATEGORY	A	B	C	D
S-ILS 13	740-½ 200 (200-½)			
S-LOC 13	880-½ 340 (400-½)			880-1 340 (400-1)
CIRCLING	960-1 416 (500-1)	1000-1 456 (500-1)	1000-1½ 456 (500-1½)	1120-2 576 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 40014 W04A	APP CRS 039°	Rwy Idg 7200 TDZE 541 Apt Elev 544

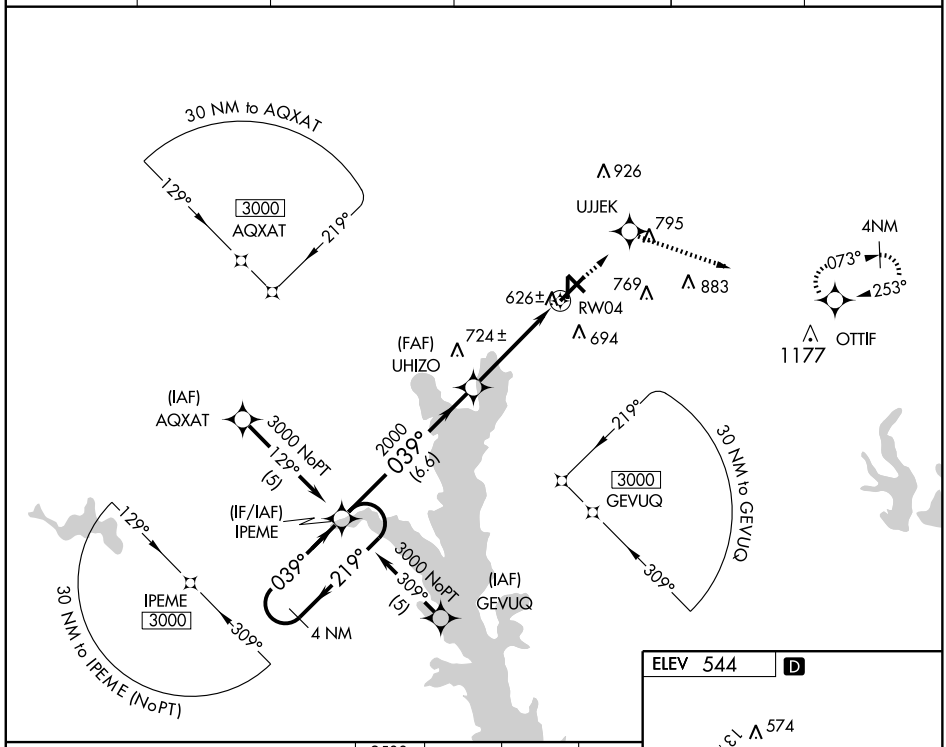
RNAV (GPS) RWY 4

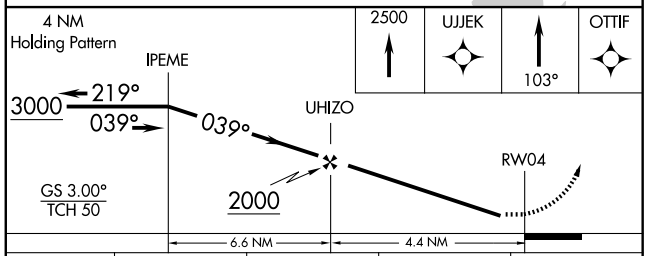
TYLER POUNDS RGNL (TYR)

DME/DME RNP-0.3 NA.
Baro-VNAV NA below -16°C (4°F).
Circling NA at night to Rwy 17.

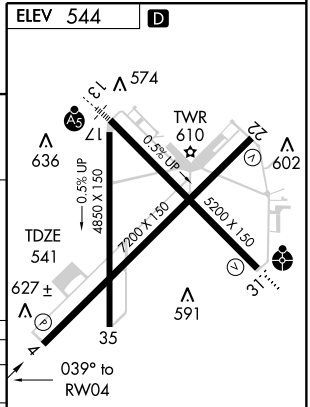
MISSED APPROACH: Climb to 2500 direct UJJEK and via 103° track to OTTIF and hold.

ASOS *	ATIS	LONGVIEW APP CON *	POUNDS TOWER *	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	834-1 293 (300-1)			
LNAV/VNAV DA	941-1½ 400 (400-1½)			
LNAV MDA	880-1 339 (400-1)			
CIRCLING	960-1½ 416 (500-1½)	1000-1½ 456 (500-1½)		1120-2 576 (600-2)



REIL Rwys 4 and 22
HIRL Rwy 13-31 L
MIRL Rwys 4-22 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 45701 W13A	APP CRS 129°	Rwy Idg 5200 TDZE 539 Apt Elev 544

RNAV (GPS) RWY 13

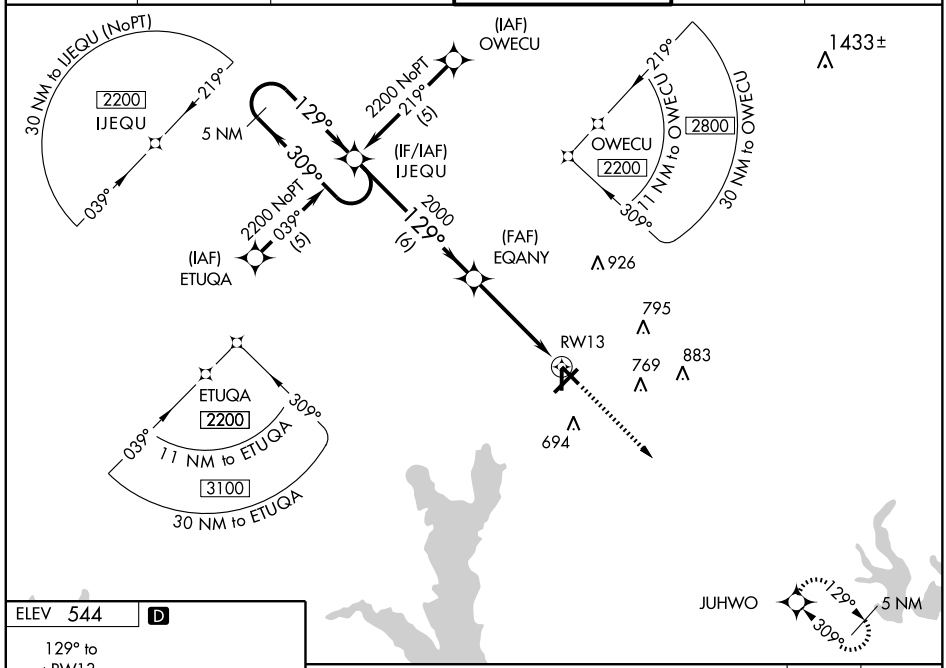
TYLER POUNDS RGNL (TYR)

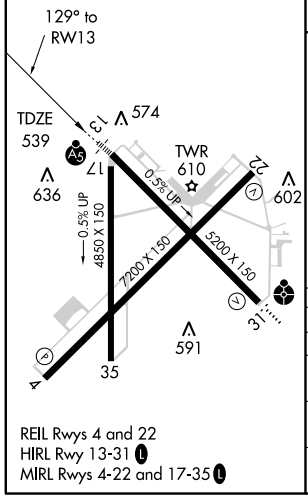
Circling to Rwy 17 NA at night. For inoperative MALSR increase LPV all Cats visibility to 1, and LNAV Cat D visibility to 1¼. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (117°F). If local altimeter setting not received, use East Texas Rgnl altimeter setting and increase all DAs/MDAs 120 feet. VDP and Baro-VNAV NA when using East Texas Rgnl altimeter setting. DME/DME RNP-0.3 NA.

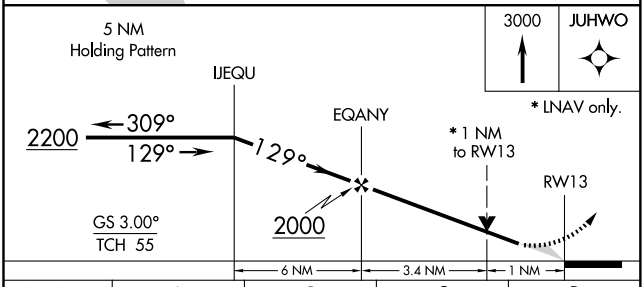
MALSR

MISSED APPROACH: Climb to 3000 direct JUHWO and hold.

ASOS*	ATIS	LONGVIEW APP CON*	POUNDS TOWER*	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
LPV DA	789-½ 250 (300-½)			
LNAV/VNAV DA	886-¾ 347 (400-¾)			
LNAV MDA	900-½ 361 (400-½)			900-1 361 (400-1)
CIRCLING	960-1¼ 416 (500-1¼)	1000-1¼ 456 (500-1¼)	1000-1½ 456 (500-1½)	1120-2 576 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 45514 W22A	APP CRS 219°	Rwy Idg 7200 TDZE 538 Apt Elev 544

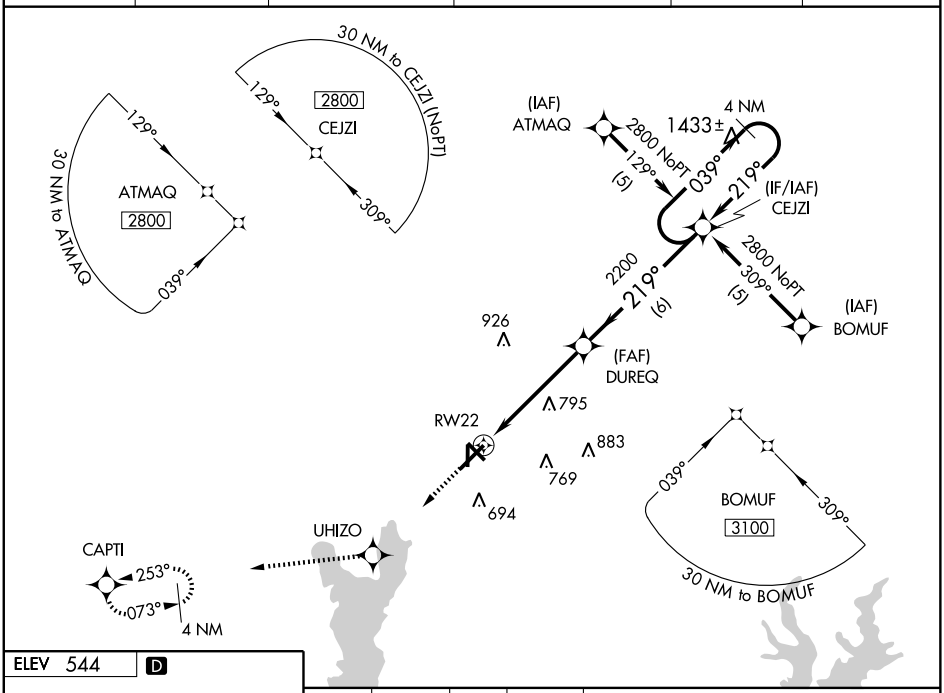
RNAV (GPS) RWY 22

TYLER POUNDS RGNL (TYR)

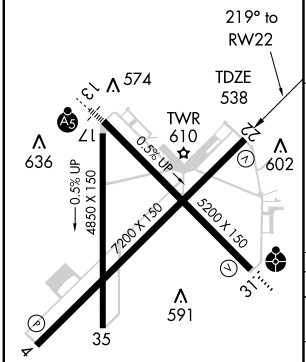
DME/DME RNP-0.3 NA.
Baro-VNAV NA below -16°C (4°F)
Circling NA at night Rwy 17.

MISSED APPROACH: Climb to 2500 direct UHIZO and via 258° track to CAPTI and hold.

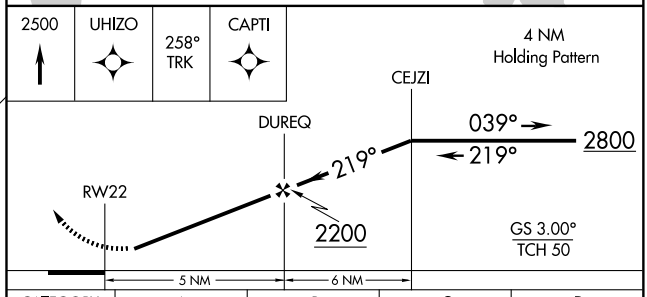
ASOS ★	ATIS	LONGVIEW APP CON ★	POUNDS TOWER ★	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) 257.8	121.9	122.95



ELEV 544 D



REIL Rwys 4 and 22
HIRL Rwys 13-31 L
MIRL Rwys 4-22 and 17-35 L



CATEGORY	A	B	C	D
LPV DA	892-1¼ 354 (400-1¼)			
LNAV/VNAV DA	915-1¼ 377 (400-1¼)			
LNAV MDA	1100-1 562 (600-1)		1100-1½ 562 (600-1½)	1100-1¾ 562 (600-1¾)
CIRCLING	1100-1¼ 556 (600-1¼)		1100-1½ 556 (600-1½)	1120-2 576 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

WAAS CH 61101 W31A	APP CRS 309°	Rwy Idg 5200 TDZE 544 Apt Elev 544

RNAV (GPS) RWY 31

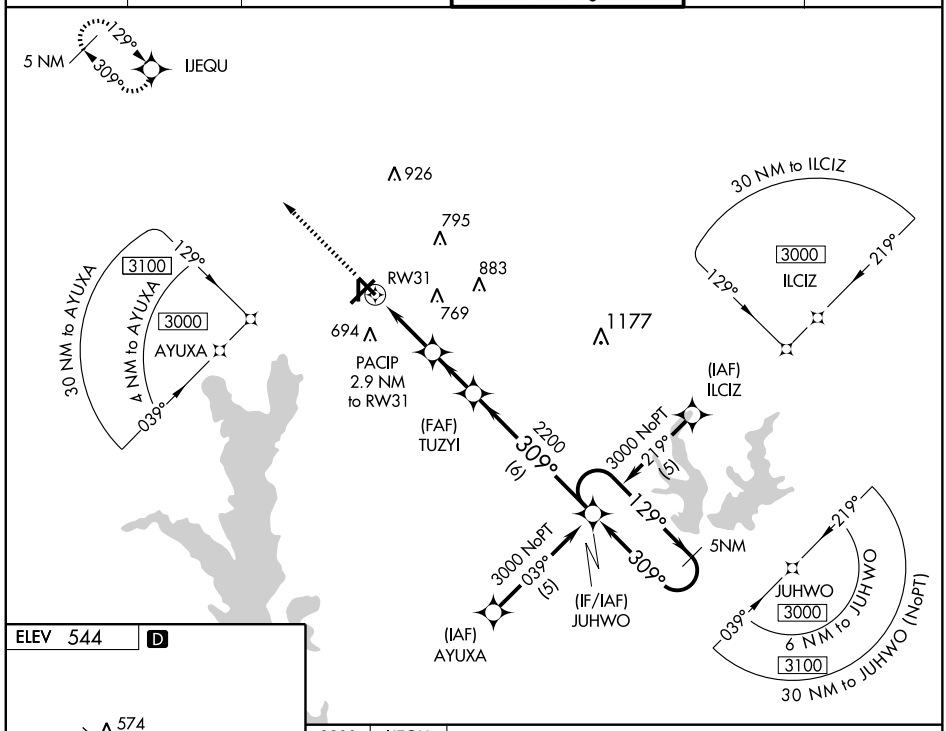
TYLER POUNDS RGNL (TYR)

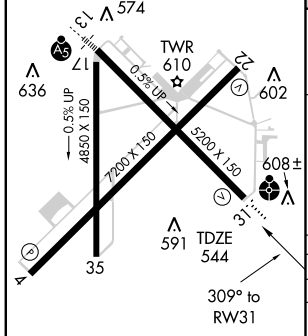
Circling to Rwy 17 NA at night. Inoperative table does not apply to LPV. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (118°F). DME/DME RNP-0.3 NA. If local altimeter setting not received, use East Texas Rgnl altimeter setting and increase all DAs/MDAs 120 feet. VDP and Baro-VNAV NA when using East Texas Rgnl altimeter setting. Visibility reduction by helicopters NA.

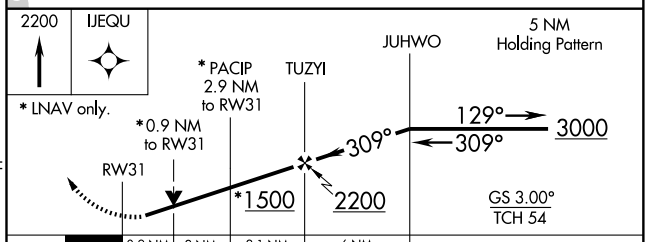
ODALS

MISSED APPROACH: Climb to 2200 direct IJEQU and hold.

ASOS ★	ATIS	LONGVIEW APP CON ★	POUNDS TOWER ★	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
LPV DA	805-1 261 (300-1)			
LNAV/VNAV DA	858-¾ 314 (400-¾)			858-1 314 (400-1)
LNAV MDA	880-¾ 336 (400-¾)			880-1 336 (400-1)
CIRCLING	960-1 416 (500-1)	1000-1 456 (500-1)	1000-1½ 456 (500-1½)	1120-2 576 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

TYLER, TEXAS

AL-622 (FAA)

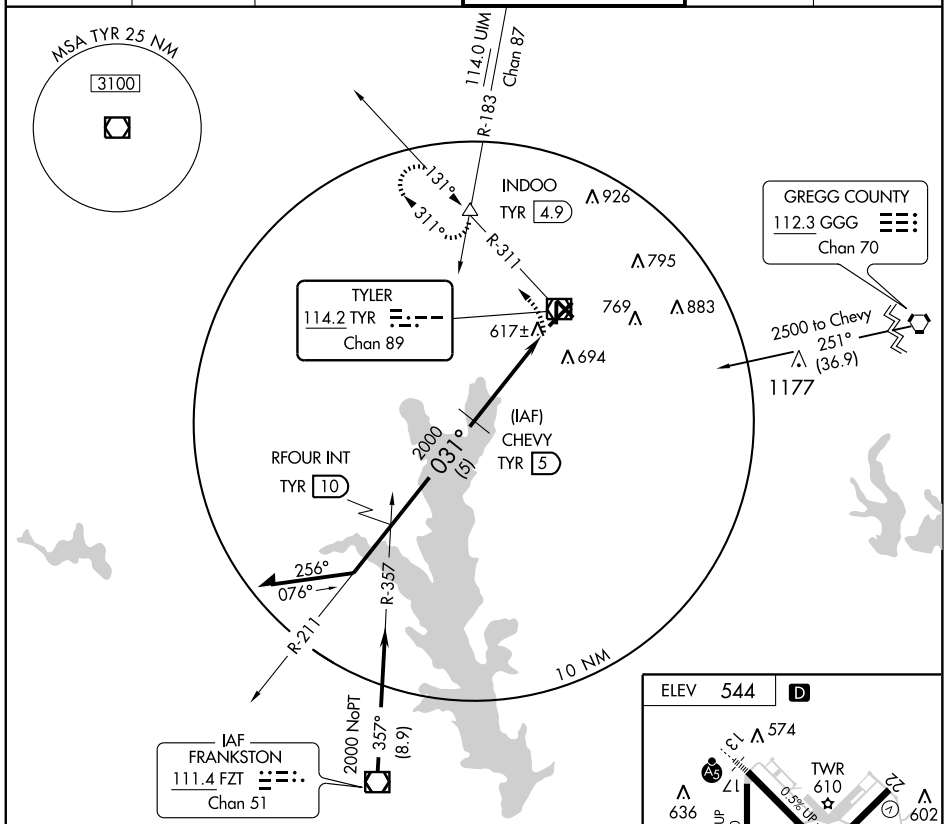
VOR/DME TYR	APP CRS	Rwy Idg	7200
114.2	031°	TDZE	541
Chan 89		Apt Elev	544

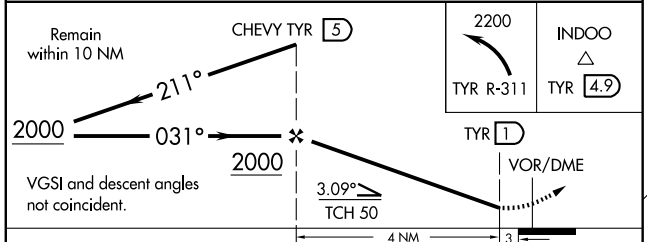
VOR/DME RWY 4

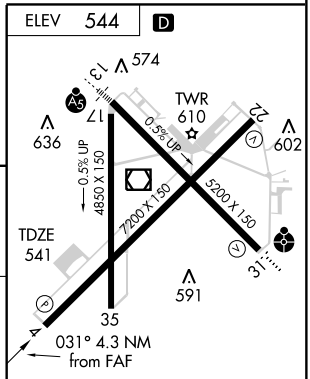
TYLER POUNDS RGNL (TYR)

MISSED APPROACH: Climbing left turn to 2200 via TYR VOR/DME R-311 to INDOO Int/4.9 DME and hold.

ASOS ★	ATIS	LONGVIEW APP CON ★	POUNDS TOWER ★	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-4	880-1 339 (400-1)			
CIRCLING	960-1 416 (500-1)	1000-1 456 (500-1)	1000-1½ 456 (500-1½)	1120-2 576 (600-2)

REIL Rwys 4 and 22
HIRL Rwy 13-31 L
MIRL Rwys 4-22 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

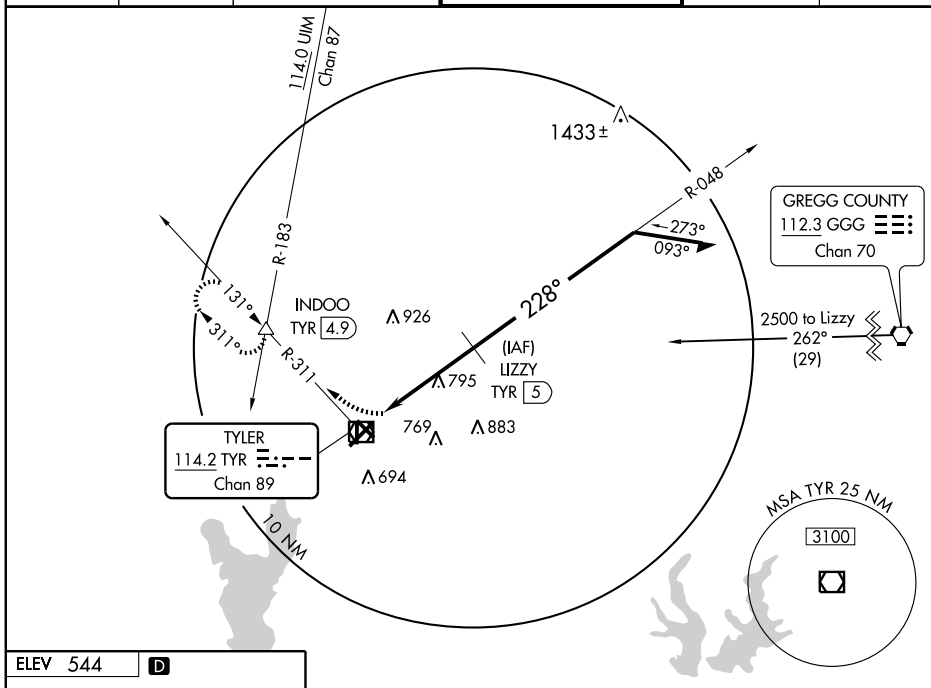
VOR/DME TYR	APP CRS	Rwy Idg	7200
114.2	228°	TDZE	538
Chan 89		Apt Elev	544

VOR/DME RWY 22

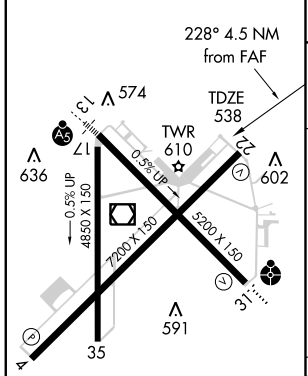
TYLER POUNDS RGNL (TYR)

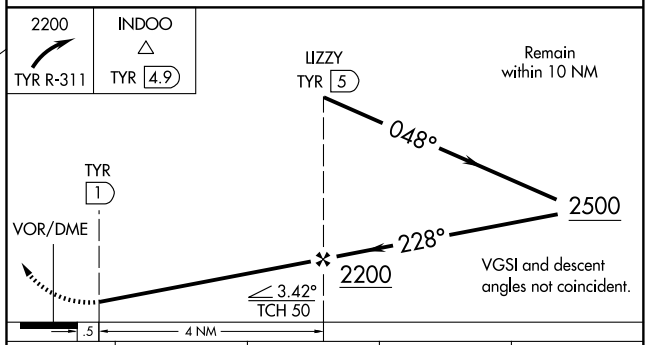
MISSED APPROACH: Climbing right turn to 2200 via TYR VOR/DME R-311 to INDOO Int/4.9 DME and hold.

ASOS *	ATIS	LONGVIEW APP CON *	POUNDS TOWER *	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95



ELEV 544 D





CATEGORY	A	B	C	D
S-22	1060-1 522 (600-1)		1060-1½ 522 (600-1½)	1060-1¾ 522 (600-1¾)
CIRCLING	1060-1 516 (600-1)		1060-1½ 516 (600-1½)	1120-2 576 (600-2)

REIL Rwys 4 and 22
HIRL Rwy 13-31 L
MIRL Rwys 4-22 and 17-35 L

SC-2, 17 DEC 2009 to 14 JAN 2010

VOR/DME TYR	APP CRS	Rwy Idg	5200
114.2	305°	TDZE	544
Chan 89		Apt Elev	544

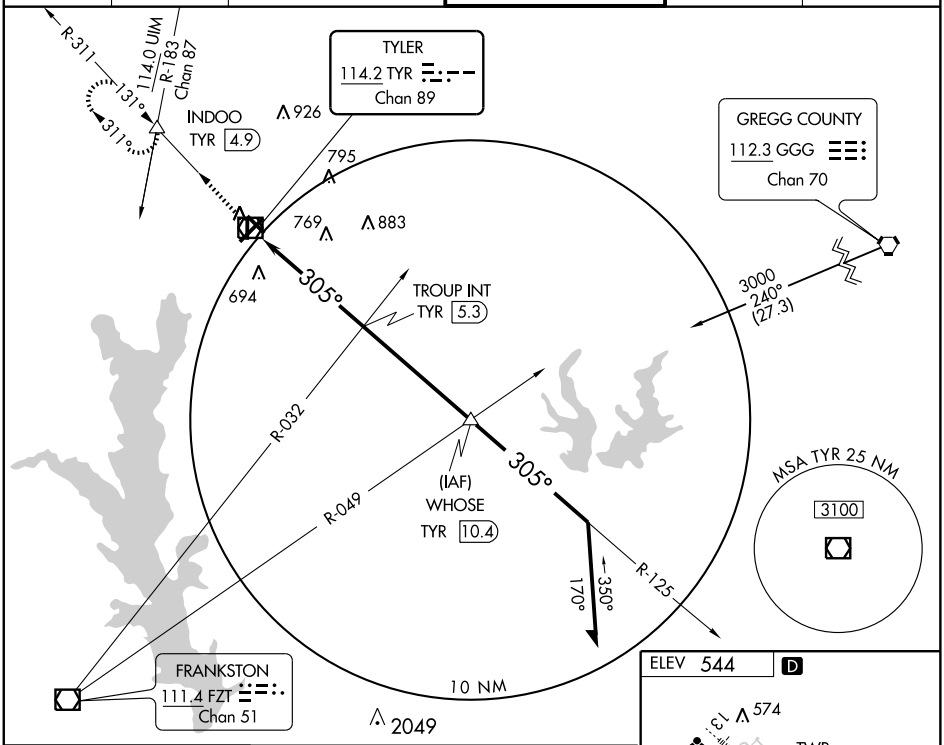
VOR RWY 31
TYLER POUNDS RGNL (TYR)

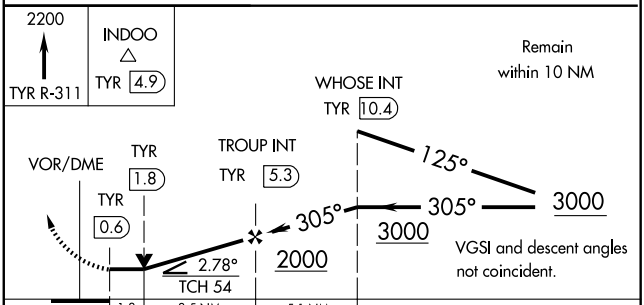
A Inoperative table does not apply to Cat C.

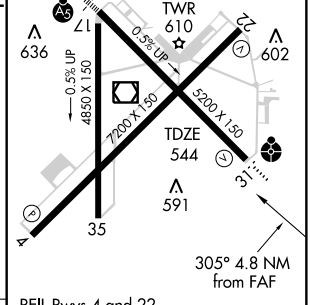
ODALS

MISSED APPROACH: Climb to 2200 via TYR VOR/DME R-311 to INDOO Int/4.9 DME and hold.

ASOS ★	ATIS	LONGVIEW APP CON ★	POUNDS TOWER ★	GND CON	UNICOM
126.25	126.25	128.75 379.15	120.1 (CTAF) L 257.8	121.9	122.95







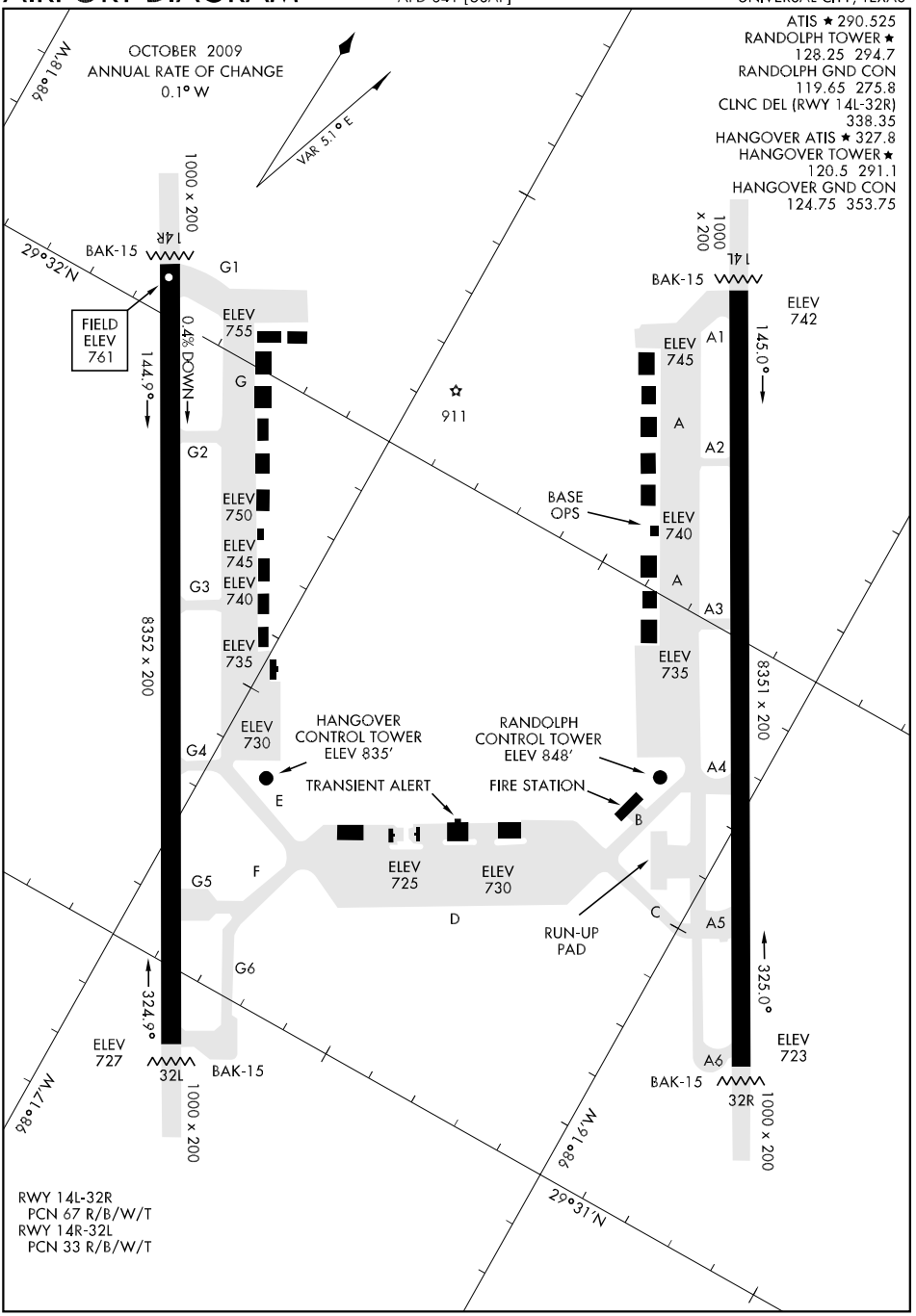
REIL Rwys 4 and 22
HIRL Rwy 13-31 L
MIRL Rwys 4-22 and 17-35 L

CATEGORY	A	B	C	D
S-31	1000- ¾	456 (500- ¾)	1000- 1¼ 456 (500-1¼)	1000-1½ 456 (500-1½)
CIRCLING	1000- 1	456 (500- 1)	1000-1½ 456 (500-1½)	1120- 2 576 (600- 2)

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

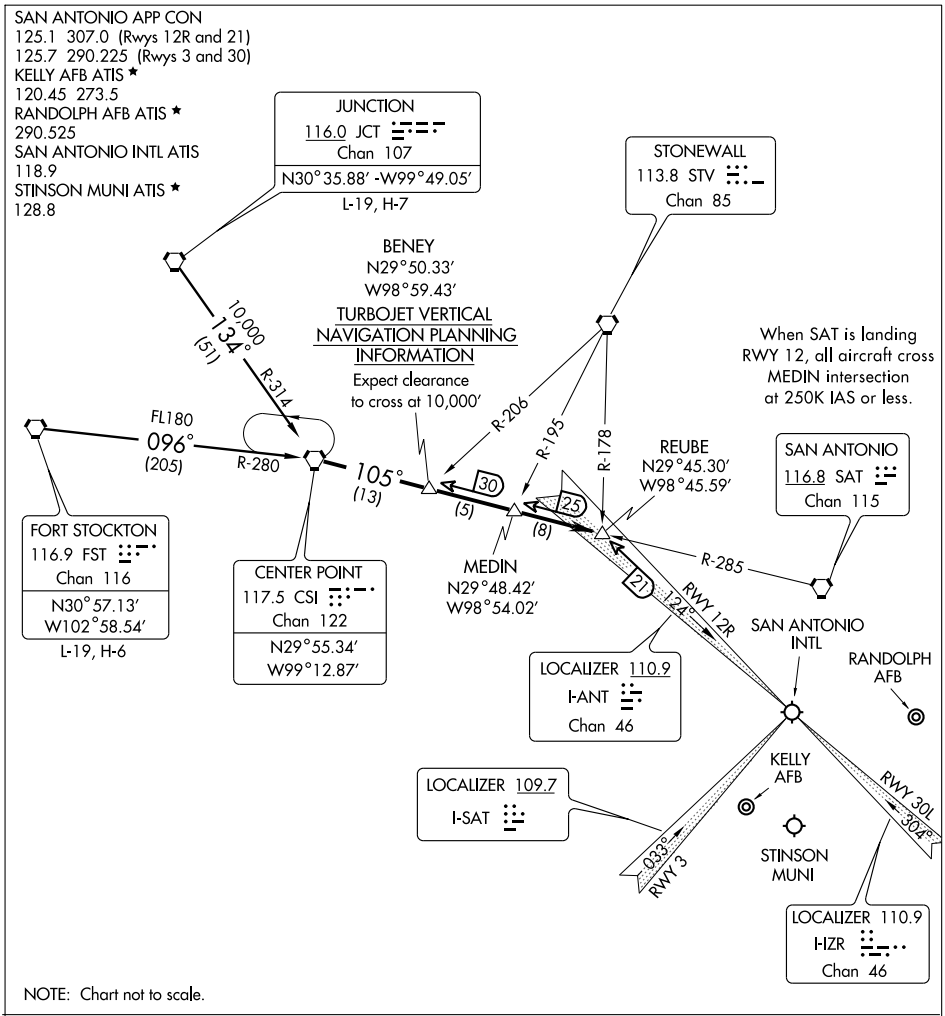
SC-2, 17 DEC 2009 to 14 JAN 2010



SC-3, 17 DEC 2009 to 14 JAN 2010

CENTERPOINT ONE ARRIVAL (CSI.CSI1)

SAN ANTONIO, TEXAS



FORT STOCKTON TRANSITION (FST.CSI1): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.CSI1): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . . .

. . . . From over CSI VORTAC via CSI R-105 to REUBE INT. Expect vector to final approach course.

SATELLITE AIRPORTS: Conform to SAT routing and frequency assignment.

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 14L

LOC I-TRT	APCH CRS	Rwy ldg / TDZE / Arpt Elev
109.9	145°	8351 / 742 / 761

JAL-341 [USAF]

RANDOLPH AFB (KRND)

* When ALS inop, increase RVR CAT C to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, and CAT E vis to 1¾ miles.

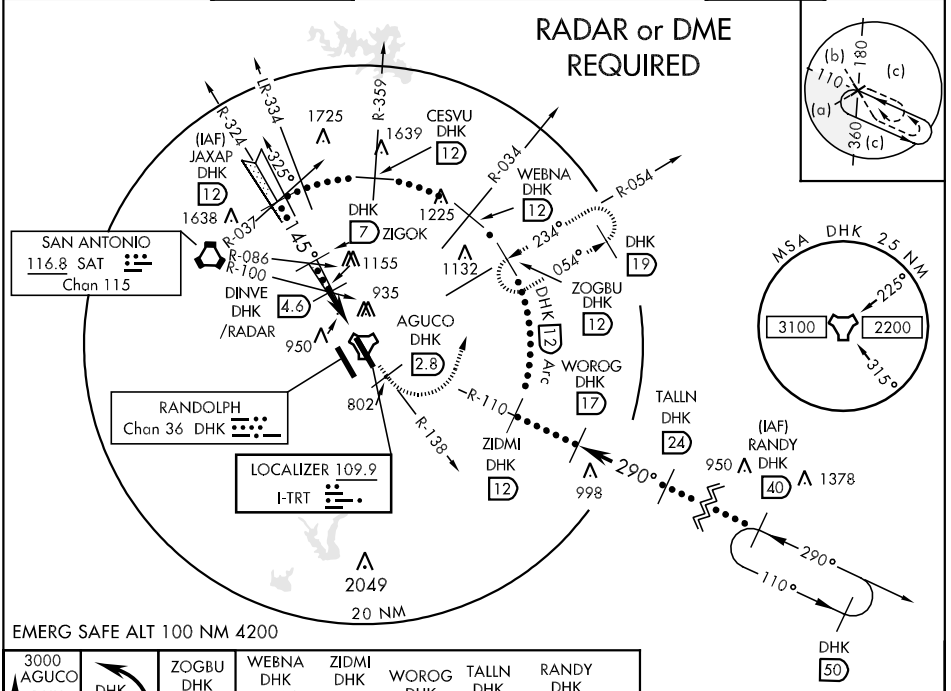
** Circling not authorized SW of Rwy 14L-32R.

ALSF-1

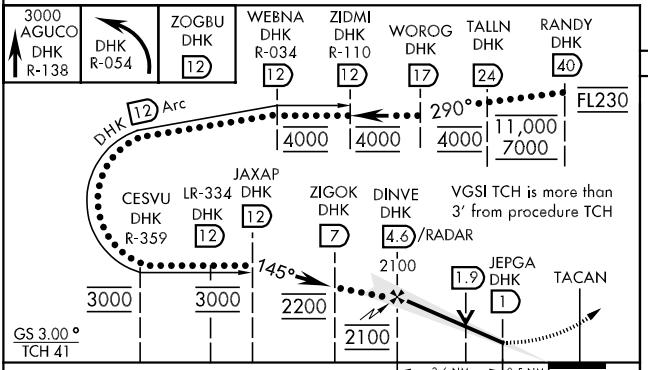
MISSED APPROACH: Climb to 3000 out DHK TACAN R-138 to AGUCO. Then turn left intercept DHK R-054 direct ZOGBU and hold.

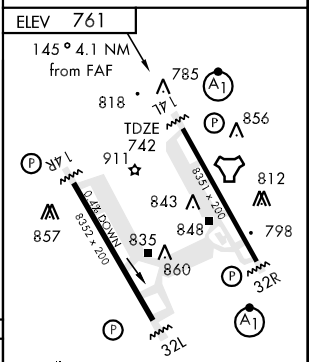
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

RADAR or DME REQUIRED



EMERG SAFE ALT 100 NM 4200





HIRL all Rwy

ALS Rwy 14L nstd len 2100'

CATEGORY	C	D	E
S-ILS 14L	942/40	200	(200-¾)
S-LOC/DME 14L *	1220/50 (478 (500-1))	1220/60 (478 (500-1¼))	1220-1½ (478 (500-1½))
CIRCLING **	1220-1½ (459 (500-1½))	1320-2 (559 (600-2))	1800-3 (1039 (1100-3))

FAF to MAP 3.6 NM

Knots	120	140	160	180	200
Min:Sec	1:48	1:33	1:21	1:12	1:05

Orig 09239

HI-ILS or LOC/DME RWY 14L

HI-ILS or LOC/DME RWY 32R

LOC I-RND	APCH CRS	Rwy ldg / TDZE / Arpt Elev
109.3	325°	8351 / 734 / 761

JAL-341 [USAF]

RANDOLPH AFB (KRND)

* When ALS inop, increase RVR all CATS to 40 and vis to ¾ mile.
** When ALS inop, increase RVR CAT C to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

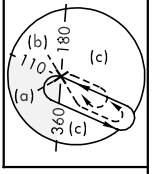
ALSF-1

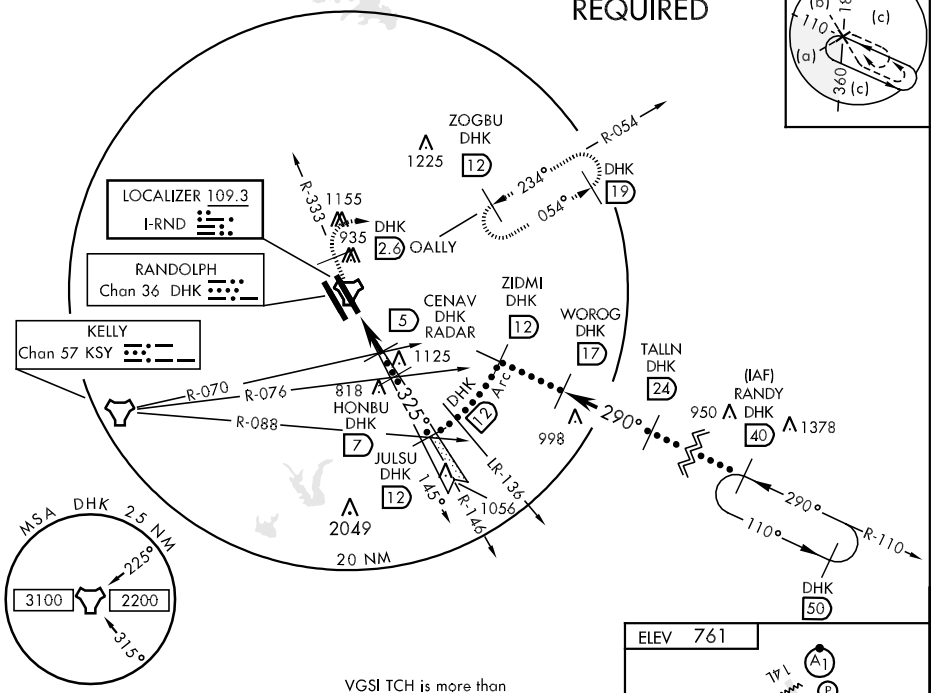
MISSED APPROACH: Climb to 3000, intercept the DHK TACAN R-333 to 2.6 DME (OALLY), then turn right intercept DHK R-054 to 12 DME (ZOGBU), hold as published.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

*** Circling not authorized SW of Rwy 14L-32R.

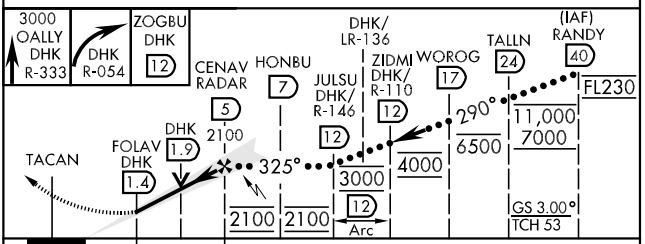
RADAR or DME REQUIRED

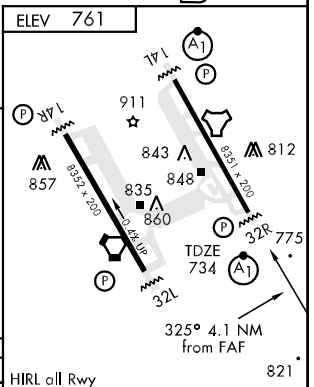




EMERG SAFE ALT 100 NM 4200

VGSI TCH is more than 3' from procedure TCH





CATEGORY	C	D	E
S-ILS 32R *	934/24	200	(200-½)
S-LOC/ ** DME 32R	1080/40	346	(400-¾)
CIRCLING ***	1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039 (1100-3)

HIRL all Rwy
ALS Rwy 14L nstd len 2100'

FAF to MAP 3.6 NM					
Knots	120	140	160	180	200
Min:Sec	1:48	1:33	1:21	1:12	1:05

SC-3, 17 DEC 2009 to 14 JAN 2010

HI-TACAN A

TACAN DHK Chan 36	APCH CRS 144°	Rwy ldg N/A TDZE N/A Arpt Elev 761

JAL-341 [USAF]

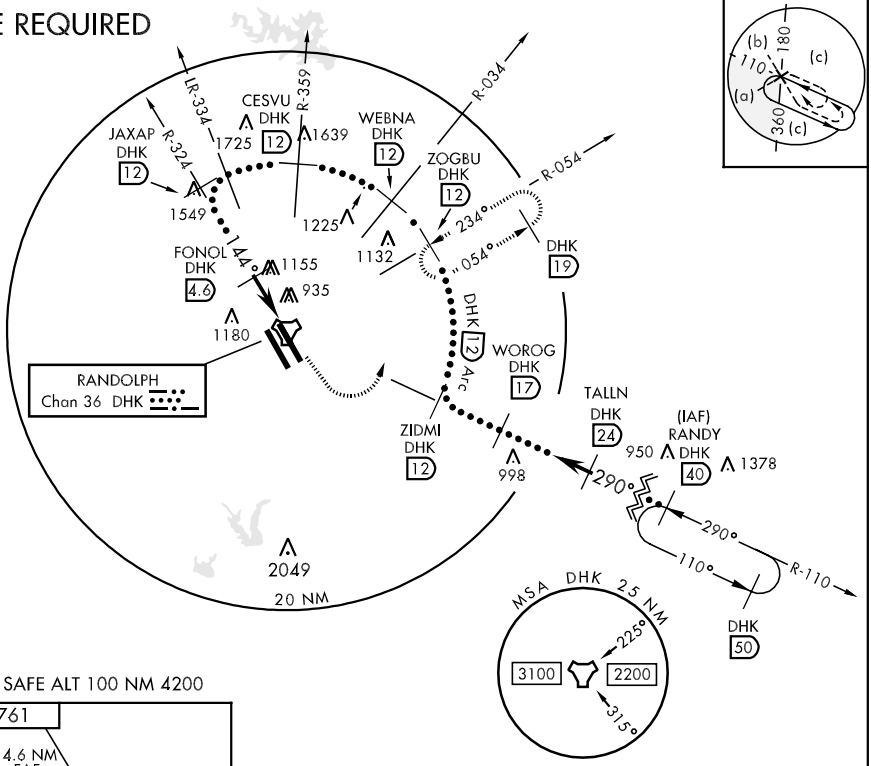
RANDOLPH AFB (KRND)

* Circling not authorized SW of Rwy 14L-32R.

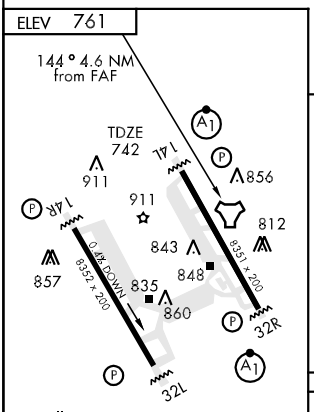
MISSED APPROACH: Track 145° to 1500. Then climbing left turn to 3000. Intercept DHK TACAN R-054 direct ZOGBU and hold as published.

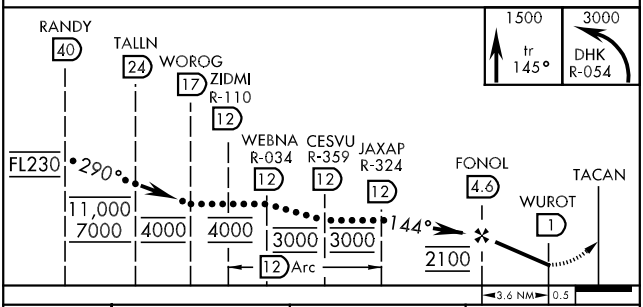
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

DME REQUIRED



EMERG SAFE ALT 100 NM 4200





CATEGORY	C	D	E
CIRCLING *	1420-1¾ 659 (700-1¾)	1420-2 659 (700-2)	1800-3 1039 (1100-3)

HI-TACAN B

TACAN	APCH CRS	Rwy Idg	N/A
DHK Chan 36	326°	TDZE	N/A
		Arpt Elev	761

JAL-341 [USAF]

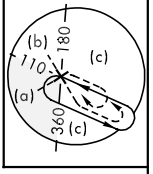
RANDOLPH AFB (KRND)

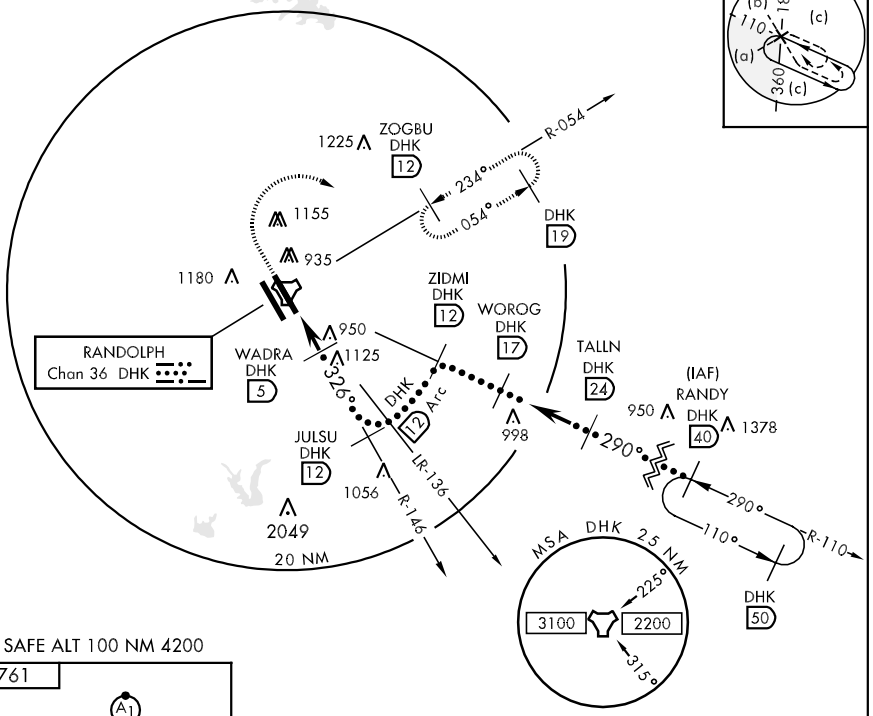
* Circling not authorized SW of Rwy 14L-32R.

MISSED APPROACH: Track 337° to 1500, then climbing right turn to 3000, intercept DHK TACAN R-054 direct ZOGBU and hold.

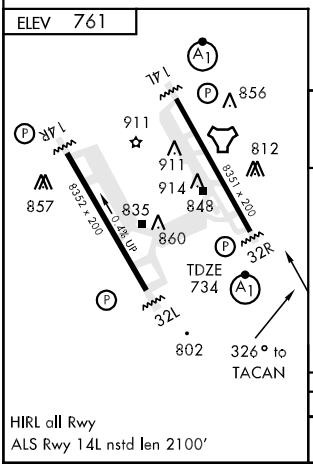
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

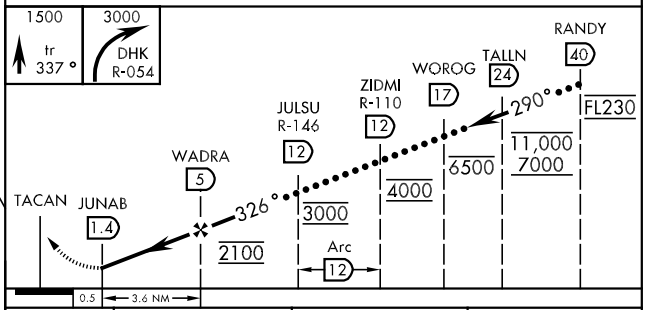
DME REQUIRED





EMERG SAFE ALT 100 NM 4200





CATEGORY	C	D	E
CIRCLING *	1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039 (1100-3)

HIRL all Rwy
ALS Rwy 14L nstd len 2100'

ILS or LOC/DME RWY 14L

LOC I-TRT	APCH CRS	Rwy ldg / TDZE / Arpt Elev
109.9	145°	8351 / 742 / 761

AL-341 [USAF] — RANDOLPH AFB (KRND)

* When ALS inop, increase RVR CATS AB to 40 and vis to ¾ mile.
** When ALS inop, increase RVR CATS AB to 50 and vis to 1 mile, CAT C to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, Cat E vis to 1¾ miles.

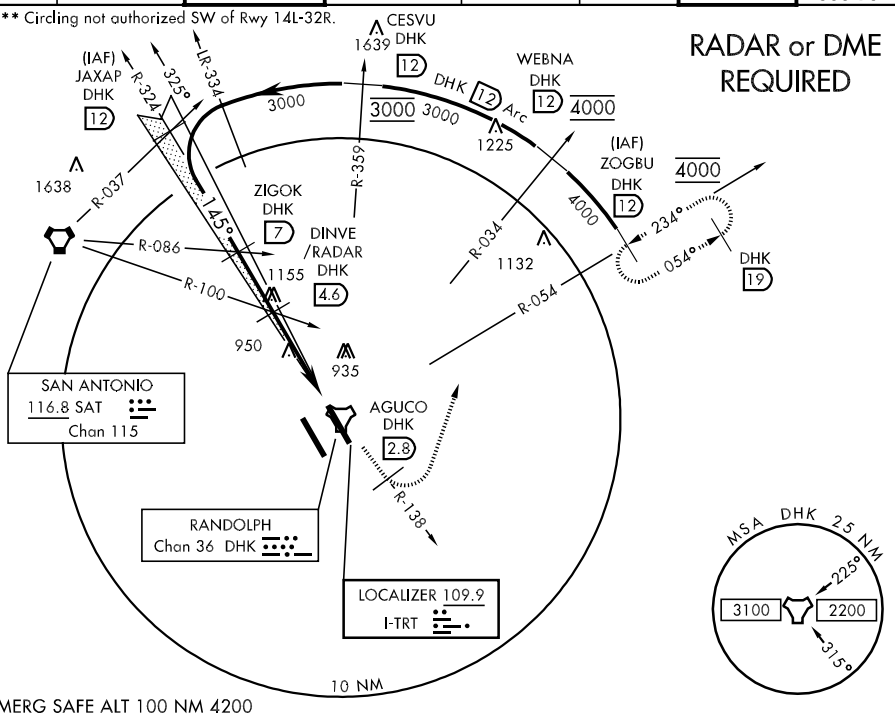
ALSF-1

MISSED APPROACH: Climb to 3000 out DHK TACAN R-138 to AGUCO. Then turn left intercept DHK R-054 to ZOGBU and hold.

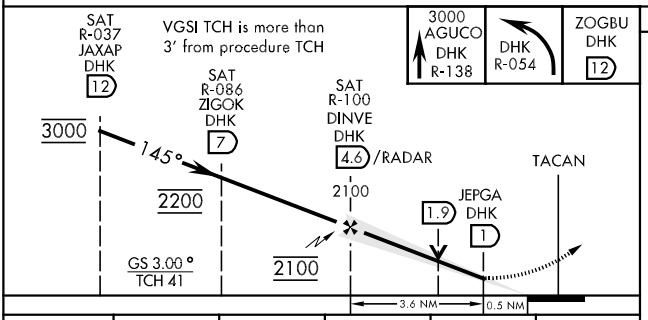
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

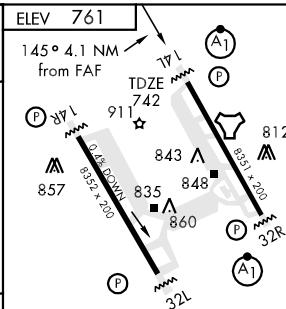
*** Circling not authorized SW of Rwy 14L-32R.

RADAR or DME REQUIRED



EMERG SAFE ALT 100 NM 4200





CATEGORY	A	B	C	D	E
S-ILS 14L*	942/24 200	(200-½)	942/40 200		(200-¾)
S-LOC/DME 14L **	1220/40 478	(500-¾)	1220/50 478 (500-1)	1220/60 478 (500-1¼)	1220-1½ 478 (500-1½)
CIRCLING ***	1220-1 459	(500- 1)	1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039(1100-3)

HIRL all Rwy
ALS Rwy 14L nstd len 2100'

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

ILS or LOC/DME RWY 14R

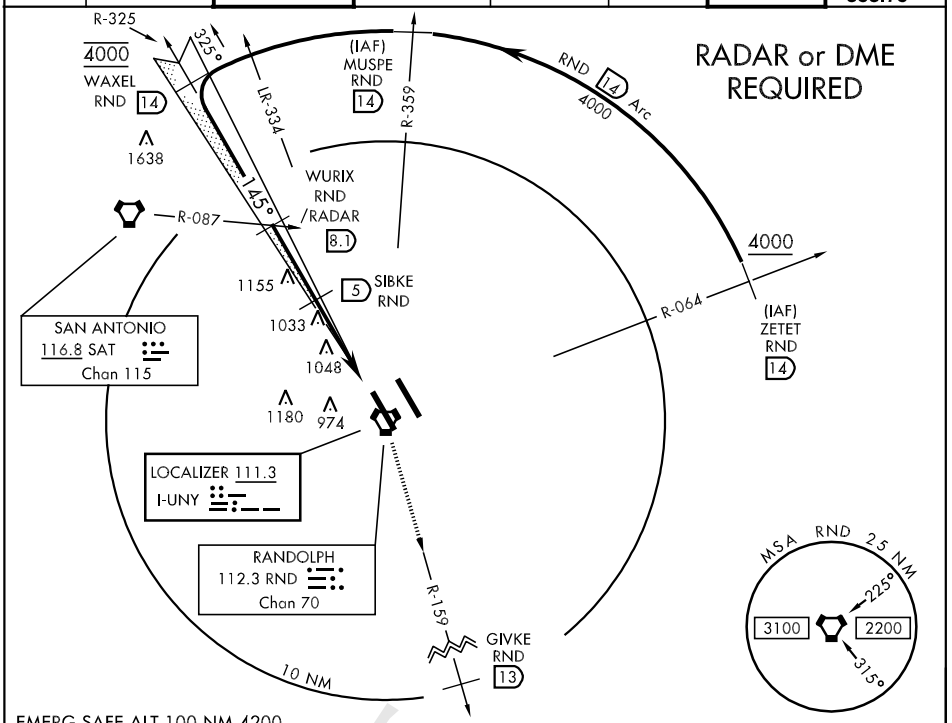
LOC I-UNY	APCH CRS	Rwy ldg / TDZE / Arpt Elev
111.3	145°	8352 / 761 / 761

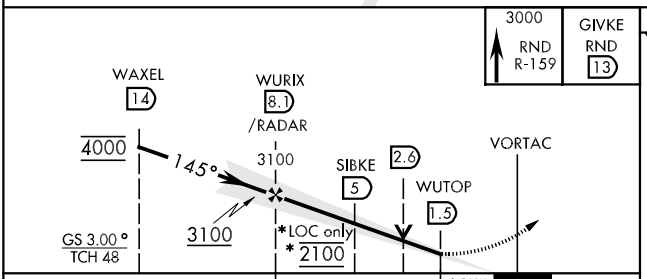
AL-341 [USAF] — RANDOLPH AFB (KRND)

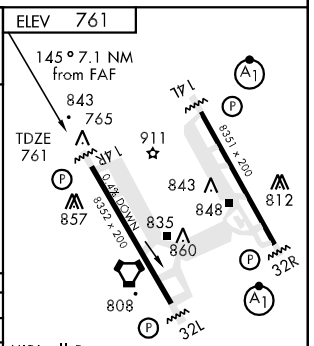
** Circling not authorized NE of Rwy 14R-32L.

MISSED APPROACH: Climb to 3000 out RND VORTAC R-159 to 13 DME (GIVKE). Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75







CATEGORY	A	B	C	D	E
S-ILS 14R	961/40		200	(200-¾)	
S-LOC/DME 14R	1300/50 539 (600-1)		1300-1½ 539 (600-1½)	1300-1¾ 539 (600-1¾)	1300-2 539 (600-2)
CIRCLING **	1300-1 539 (600-1)		1300-1½ 539 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

HIRL all Rwy
ALS Rwy 14L nstd len 2100'

FAF to MAP 6.6 NM

Knots	60	90	120	150	180
Min:Sec	6:36	4:24	3:13	2:38	2:12

UNIVERSAL CITY, TEXAS

ILS or LOC/DME RWY 32L

LOC I-VQE	APCH CRS	Rwy ldg	8352
111.1	325°	TDZE	734
		Arpt Elev	761

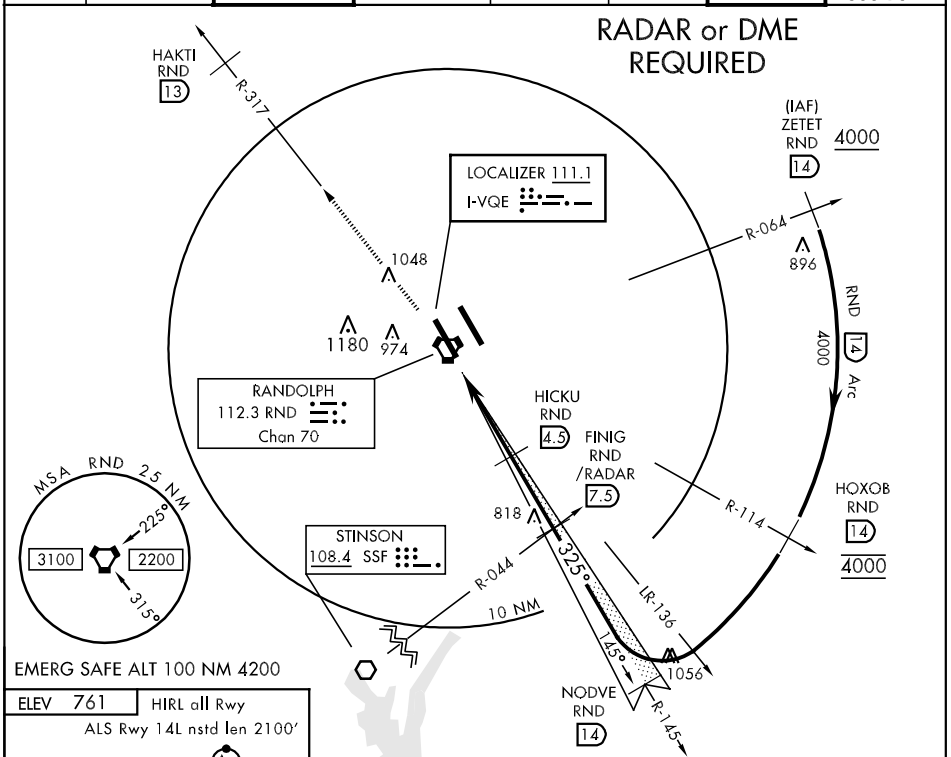
AL-341 [USAF]

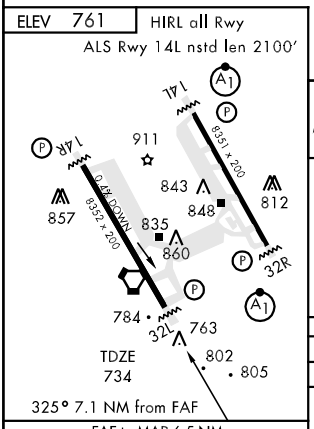
RANDOLPH AFB (KRND)

** Circling not authorized NE of Rwy 14R-32L.

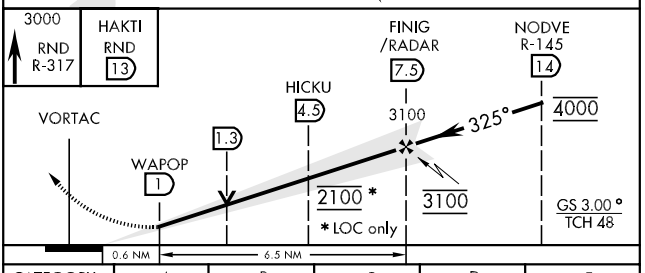
MISSED APPROACH: Climb to 3000 out RND VORTAC R-317 to 13 DME (HAKTI). Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75





Knots	60	90	120	150	180
Min:Sec	6:30	4:20	3:15	2:36	2:10



CATEGORY	A	B	C	D	E
S-ILS 32L	934/40		200	(200-¾)	
S-LOC/ DME 32L	1060/50		326	(300-1)	1060/60 326 (300-1¼)
CIRCLING **	1240-1	479 (500-1)	1280-1½ 519 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

ILS or LOC/DME RWY 32R

LOC I-RND	APCH CRS	Rwy ldg	8351
109.3	325°	TDZE	734
		Arpt Elev	761

AL-341 [USAF]

RANDOLPH AFB (KRND)

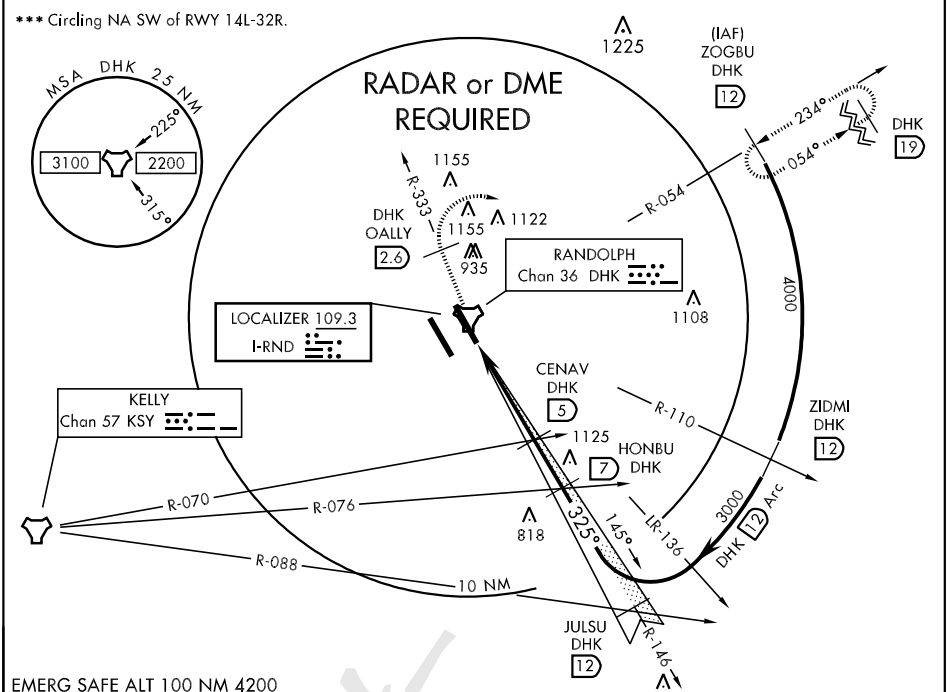
* When ALS inop, increase RVR all CATS to 40 and vis to ¾ mile.
** When ALS inop, increase CAT ABC RVR to 50 and vis to 1 mile, CAT DE RVR to 60 and vis to 1¼ miles.

ALSF-1

MISSED APPROACH: Climb to 3000, intercept the DHK TACAN R-333 to 2.6 DME (OALLY). Then turn right intercept DHK R-054 to 12 DME (ZOGBU), hold as published.

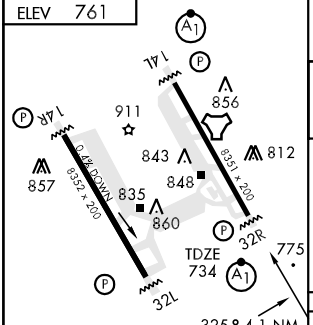
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

*** Circling NA SW of RWY 14L-32R.

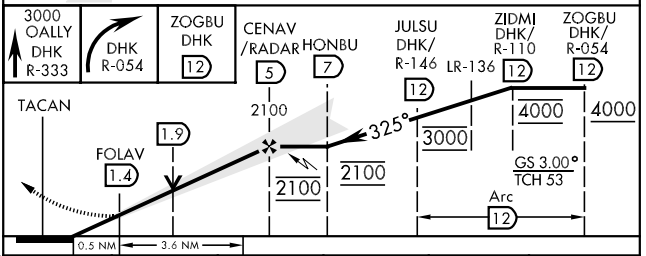


EMERG SAFE ALT 100 NM 4200

ELEV 761



VGSI TCH is more than 3' from procedure TCH



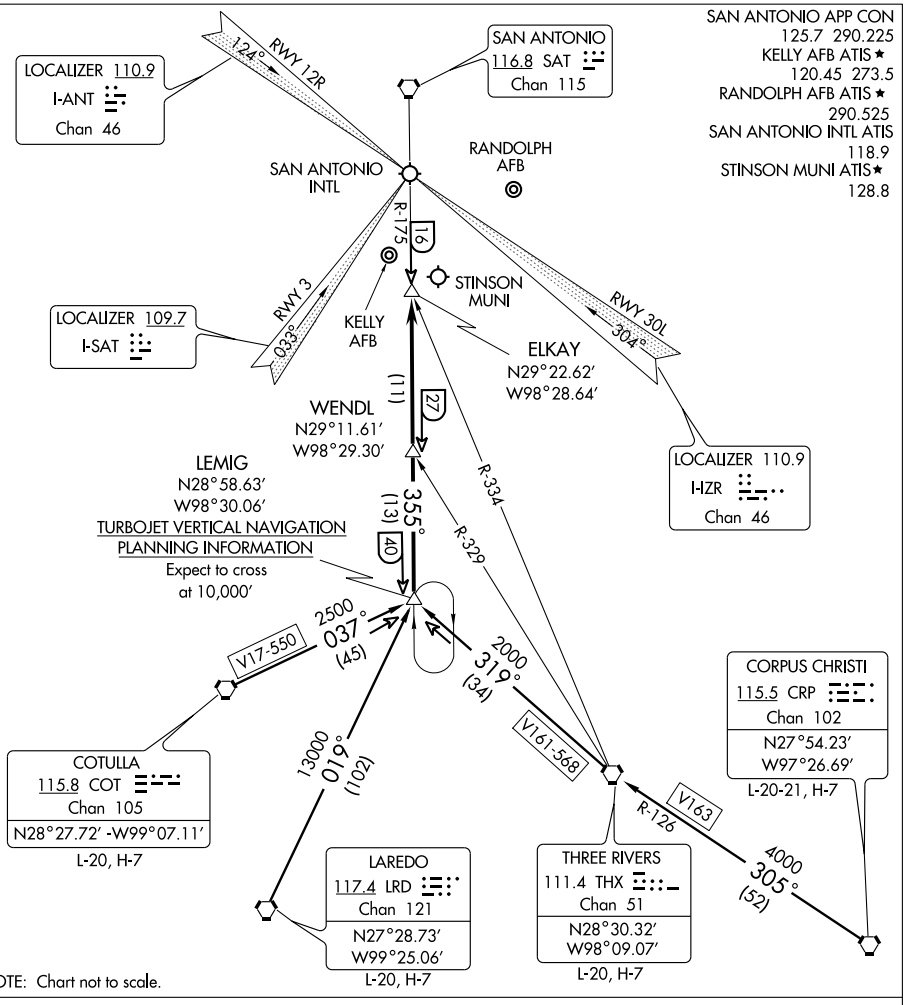
CATEGORY	A	B	C	D	E
S-ILS 32R *	934/24		200 (200-½)		
S-LOC/ DME 32R **	1080/24 346 (400-½)		1080/40 346 (400-¾)		
CIRCLING ***	1180-1 419 (500-1)	1220-1 459 (500-1)	1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039 (1100-3)

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

LEMIG ONE ARRIVAL (LEMIG.LEMIG1)

SAN ANTONIO, TEXAS



CORPUS CHRISTI TRANSITION (CRP.LEMIG1): From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT. Thence . . . .

COTULLA TRANSITION (COT.LEMIG1): From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . . .

LAREDO TRANSITION (LRD.LEMIG1): From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . . .

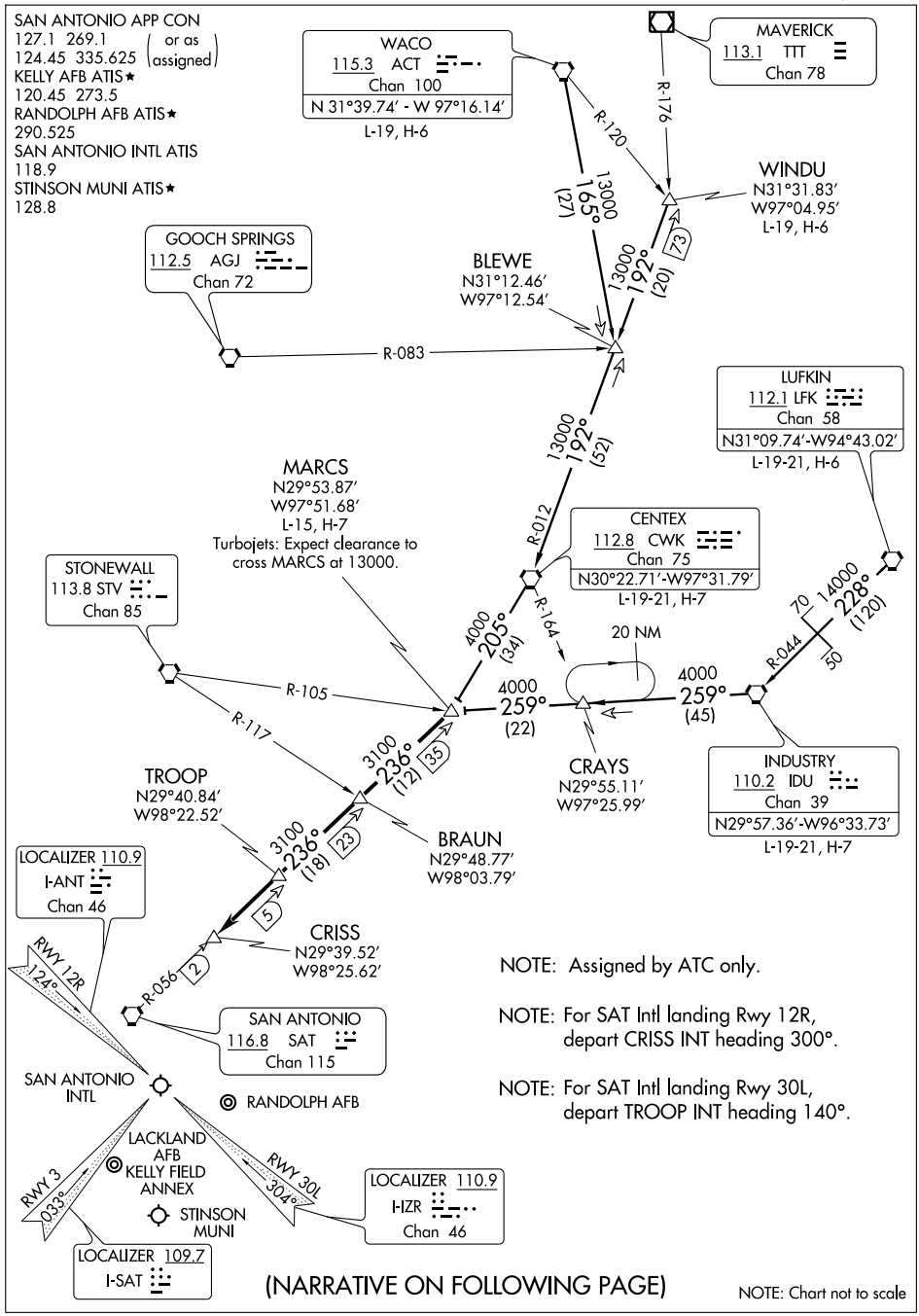
THREE RIVERS TRANSITION (THX.LEMIG1): From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . . .

. . . . ALL AIRPORTS: From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

SAN ANTONIO, TEXAS



NOTE: Assigned by ATC only.

NOTE: For SAT Intl landing Rwy 12R, depart CRISS INT heading 300°.

NOTE: For SAT Intl landing Rwy 30L, depart TROOP INT heading 140°.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

SC-3, 17 DEC 2009 to 14 JAN 2010

MARCS NINE ARRIVAL

ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.MARCS9): From over CWK VORTAC via CWK R-205 to MARCS INT. Thence. . . .

INDUSTRY TRANSITION (IDU.MARCS9): From over IDU VORTAC via IDU R-259 to MARCS INT. Thence. . . .

LUFKIN TRANSITION (LFK.MARCS9): From over LFK VORTAC via LFK R-228 and IDU R-044 to IDU VORTAC, then via IDU R-259 to MARCS INT. Thence. . . .

WACO TRANSITION (ACT.MARCS9): From over ACT VORTAC via ACT R-165 to BLEWE INT, then via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

WINDU TRANSITION (WINDU.MARCS9): From over WINDU INT via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT. Thence. . . .

. . . . From over MARCS INT via SAT R-056 to CRISS INT. Expect radar vectors to final approach course. Landing other than SAT Rwy 12R/30L expect radar vectors to final approach course after CRISS INT.

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 14L

APCH CRS	Rwy ldg	TDZE	Arpt Elev
145°	8351	742	761

AL-341 [USAF]

RANDOLPH AFB (KRND)

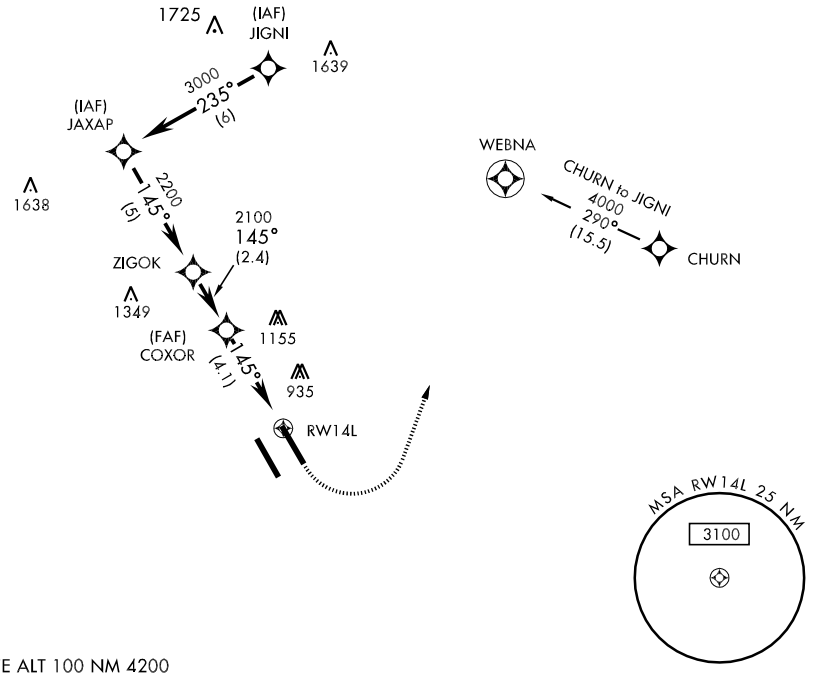
* When ALS inop, increase CAT AB RVR to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT D vis to 1½ miles, CAT E vis to 1¾ miles.
** Circling not authorized SW of Rwy 14L-32R.

ALSF-1

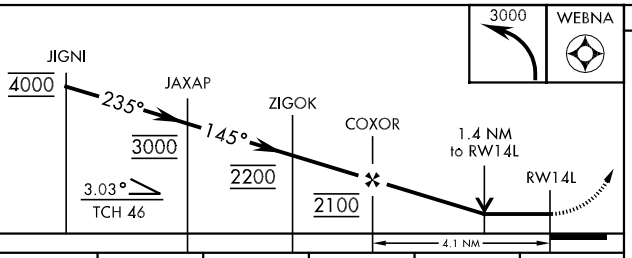
MISSED APPROACH: Climbing left turn to 3000, direct WEBNA WP. Expect ATC instructions.

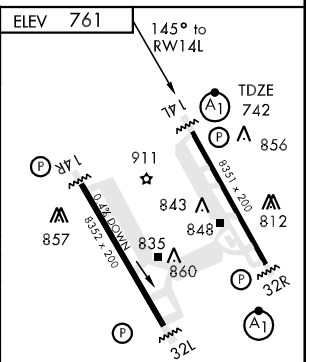
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

DME/DME RNP-0.3 NA



EMERG SAFE ALT 100 NM 4200





CATEGORY	A	B	C	D	E
LNAV MDA *	1220/40 478 (500-¾)		1220/50 478 (500-1)	1220/60 478 (500-1¼)	1220-1½ 478 (500-1½)
CIRCLING **	1220-1 459 (500-1)		1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039 (1100-3)

RNAV (GPS) RWY 14R

APCH CRS	Rwy ldg	TDZE	Arpt Elev
145°	8352	761	761

AL-341 [USAF]

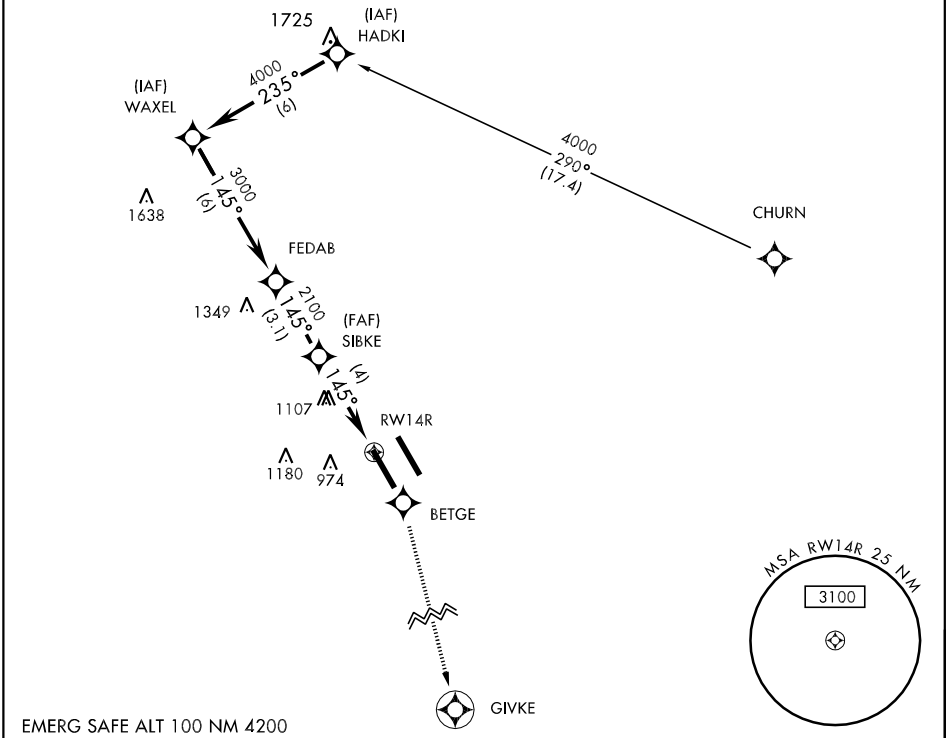
RANDOLPH AFB (KRND)

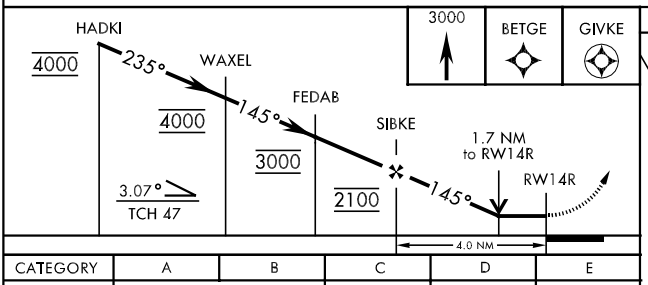
* Circling not authorized NE of Rwy 14R-32L.

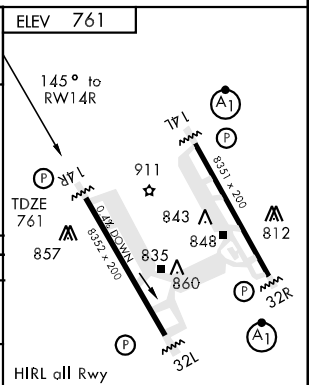
DME/DME RNP-0.3 NA

MISSED APPROACH: Climb to 3000 direct BETGE WPT, then out to GIVKE WPT. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75







CATEGORY	A	B	C	D	E
LNAV MDA	1360-1 599 (600-1)		1360-1½ 599 (600-1½)	1360-1¾ 599 (600-1¾)	1360-2 599 (600-2)
CIRCLING *	1360-1 599 (600-1)		1360-1½ 599 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

RNAV (GPS) RWY 32L

APCH CRS	Rwy Idg	TDZE	Arpt Elev
325°	8352	734	761

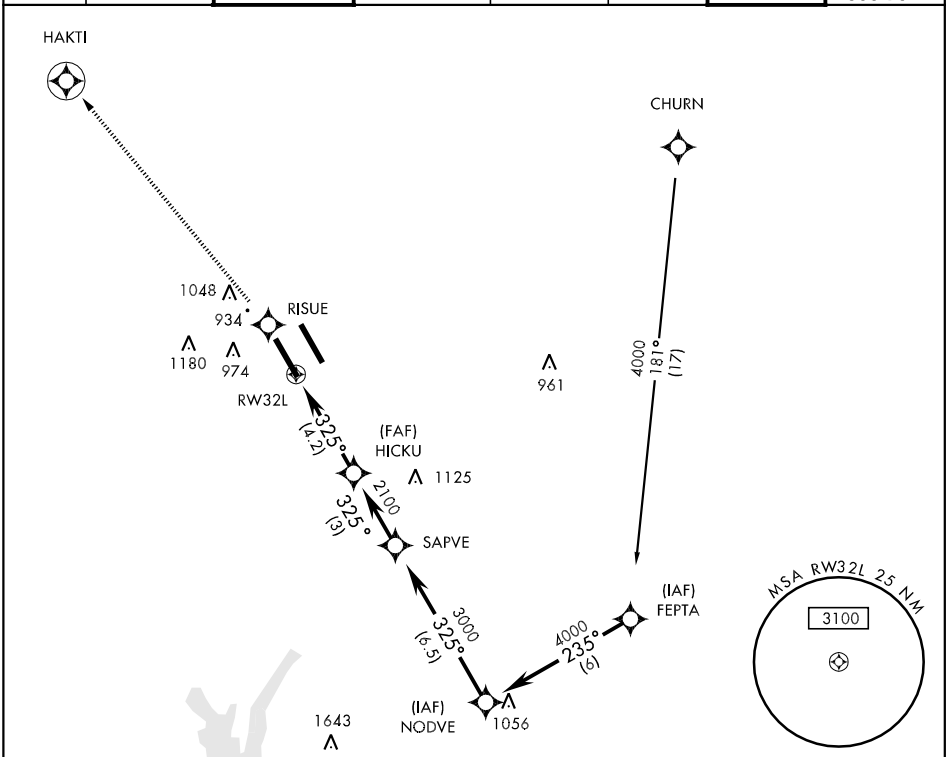
AL-341 [USAF]

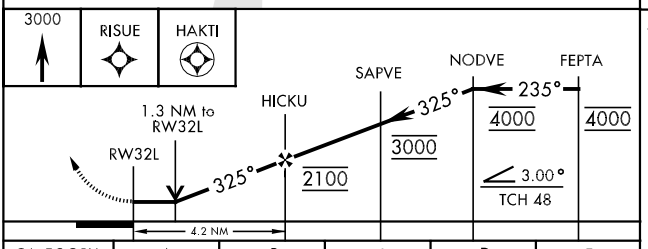
RANDOLPH AFB (KRND)

*Circling not authorized NE of Rwy 14R-32L.
DME/DME RNP-0.3 NA

MISSED APPROACH: Climb to 3000 direct RISUE WPT, then out to HAKTI WPT. Expect ATC instructions.

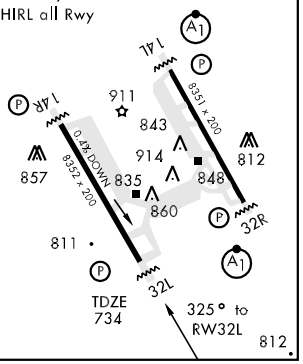
ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75





ELEV 761

ALS Rwy 14L nstd len 2100'
HIRL all Rwy



CATEGORY	A	B	C	D	E
LNAV MDA	1180-1 446 (500-1)		1180-1¼ 446 (500-1¼)	1180-1½ 446 (500-1½)	
CIRCLING *	1240-1 479 (500-1)		1280-1½ 519 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

RNAV (GPS) RWY 32R

APCH CRS	Rwy ldg	TDZE	Arpt Elev
325°	8351	734	761

AL-341 [USAF]

RANDOLPH AFB (KRND)

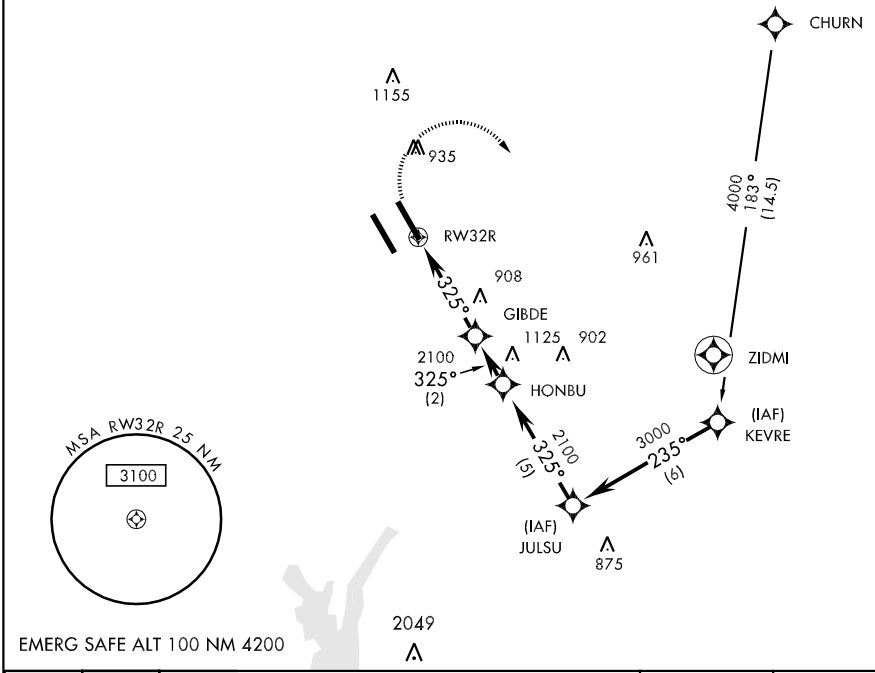
* When ALS inop, increase RVR CATS AB to 50 and vis to 1 mile, CAT C RVR to 60 and vis to 1¼ miles, CAT DE vis to 1½ miles.
** Circling not authorized SW of Rwy 14L-32R.

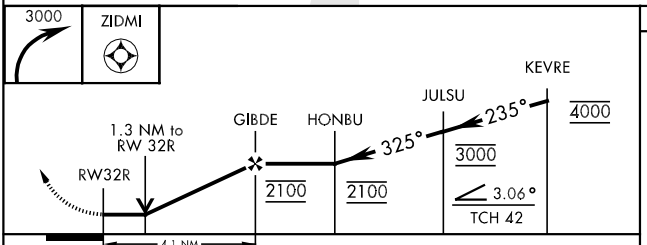
ALSF-1

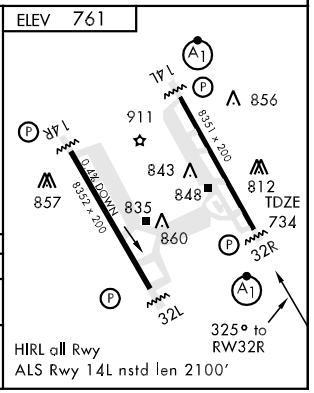
MISSED APPROACH: Climbing right turn to 3000, direct ZIDMI WP. Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75

DME/DME RNP-0.3 NA





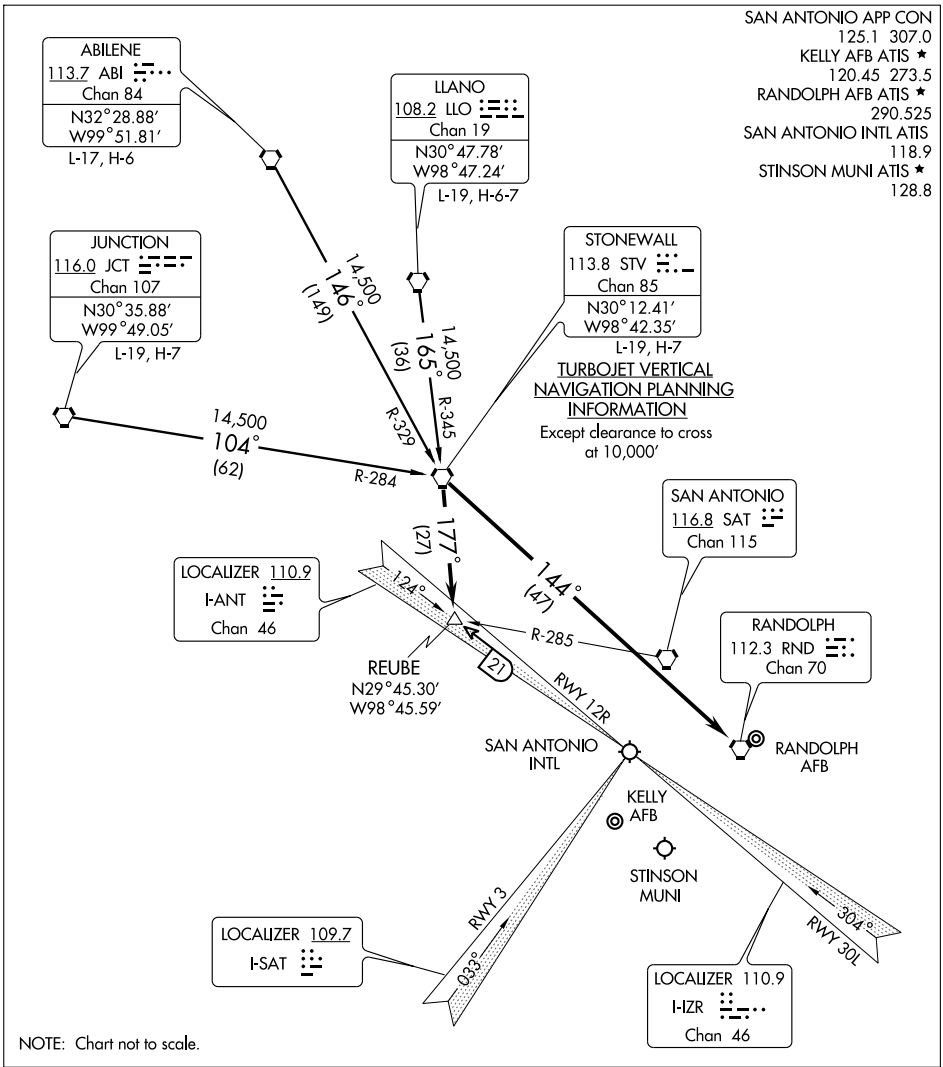


CATEGORY	A	B	C	D	E
LNAV MDA *	1180/24 446 (500-½)		1180/40 446 (500-¾)	1180/50 446 (500-1)	
CIRCLING **	1180-1 419 (500-1)	1220-1 459 (500-1)	1220-1½ 459 (500-1½)	1320-2 559 (600-2)	1800-3 1039 (1100-3)

SC-3, 17 DEC 2009 to 14 JAN 2010

STONEWALL ONE ARRIVAL (STV. STV1)

SAN ANTONIO, TEXAS



ABILENE TRANSITION (ABI.STV1): From over ABI VORTAC via ABI R-146 and STV R-329 to STV VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.STV1): From over JCT VORTAC via JCT R-104 and STV R-284 to STV VORTAC. Thence . . . .

LLANO TRANSITION (LLO.STV1): From over LLO VORTAC via LLO R-165 and STV R-345 to STV VORTAC. Thence . . . .

ALL AIRPORTS EXCEPT RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via STV R-177 to REUBE INT. Expect radar vectors to final approach course.

RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via direct RND VORTAC.

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME or TACAN RWY 14R

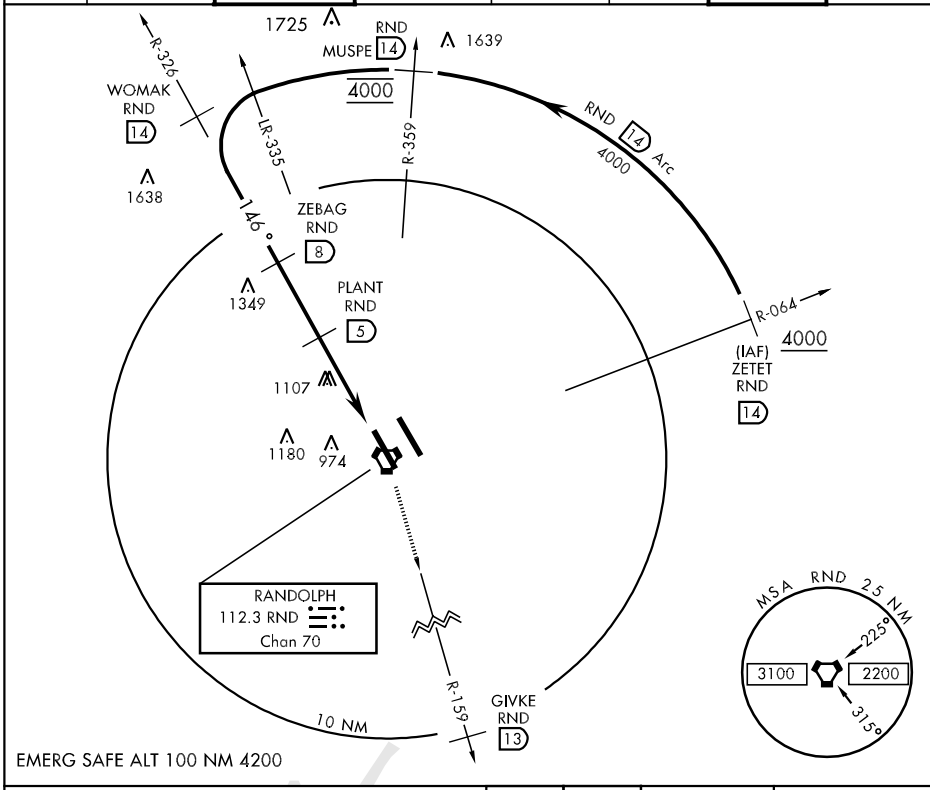
VORTAC RND	APCH CRS	Rwy ldg	8352
112.3	146°	TDZE	761
Chan 70		Arpt Elev	761

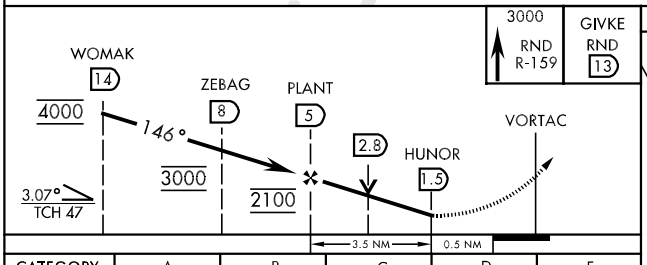
AL-341 [USAF] RANDOLPH AFB (KRND)

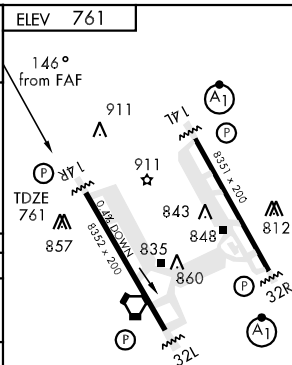
* Circling not authorized NE of Rwy 14R-32L.

MISSED APPROACH: Climb to 3000 out RND VORTAC R-159 to 13 DME (GIVKE.). Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75







CATEGORY	A	B	C	D	E
S-14R	1360-1	599 (600-1)	1360-1½ 599 (600-1½)	1360-1¾ 599 (600-1¾)	1360-2 599 (600-2)
CIRCLING *	1360-1	599 (600-1)	1360-1½ 599 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

VOR/DME or TACAN RWY 32L

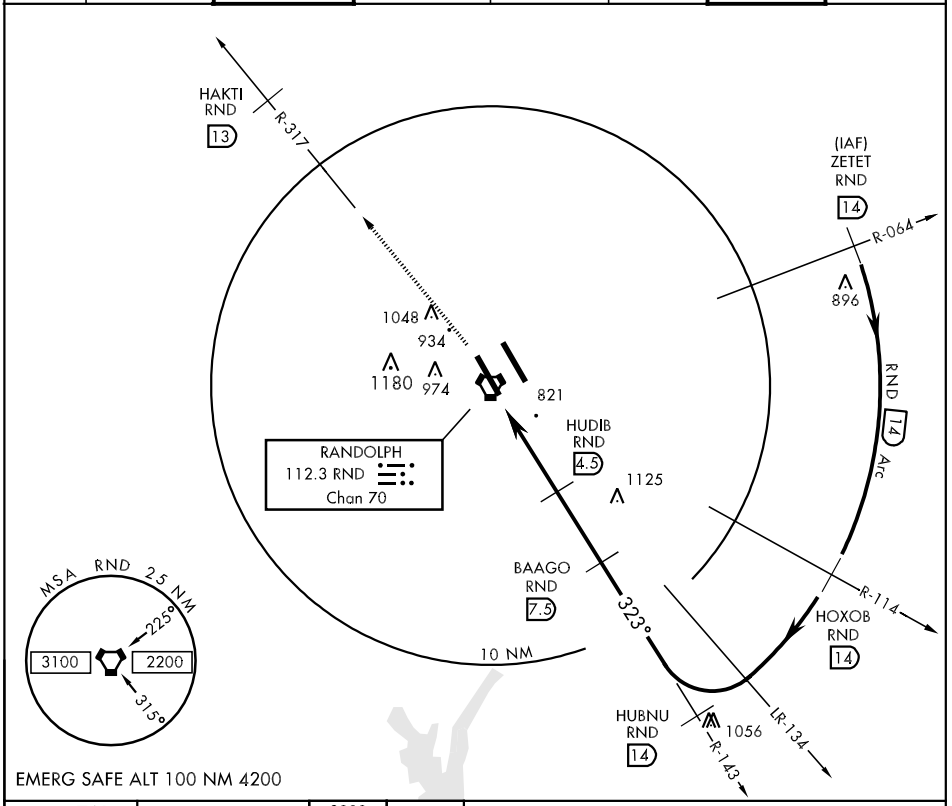
VORTAC RND	APCH CRS	Rwy ldg	8352
112.3	323°	TDZE	734
Chan 70		Arpt Elev	761

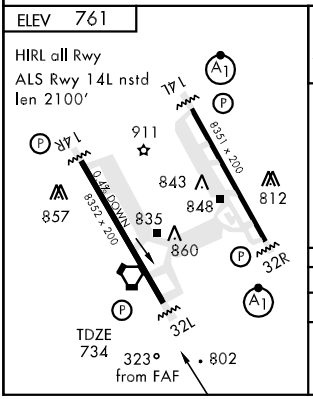
AL-341 [USAF] RANDOLPH AFB (KRND)

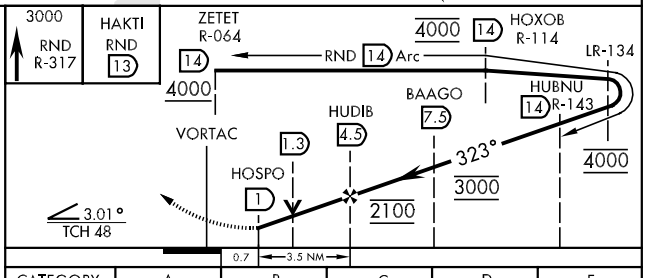
* Circling not authorized NE of Rwy 14R-32L.

MISSED APPROACH: Climb to 3000 out RND VORTAC R-317 to RND 13 DME (HAKTI). Expect ATC instructions.

ATIS ★	SAN ANTONIO APP CON	RANDOLPH TOWER ★	RANDOLPH GND CON	CLNC DEL (RWY 14L-32R)	HANGOVER ATIS ★	HANGOVER TOWER ★	HANGOVER GND CON
290.525	128.05 318.1	128.25 294.7	119.65 275.8	338.35	327.8	120.5 291.1	124.75 353.75







CATEGORY	A	B	C	D	E
S-32L	1080-1	346	(400-1)	1080-1¼	346 (400-1¼)
CIRCLING *	1240-1	479 (500-1)	1280-1½ 519 (600-1½)	1360-2 599 (600-2)	1800-3 1039 (1100-3)

UVALDE, TEXAS

NDB UVA	APP CRS	Rwy Idg	5256
281	328°	TDZE	933
		Apt Elev	942

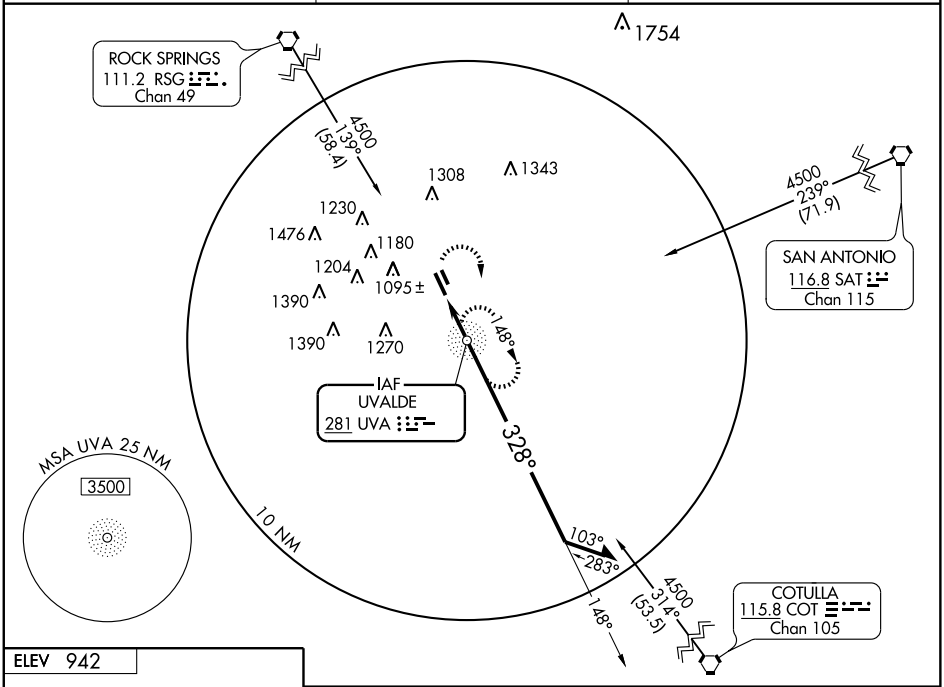
NDB RWY 33

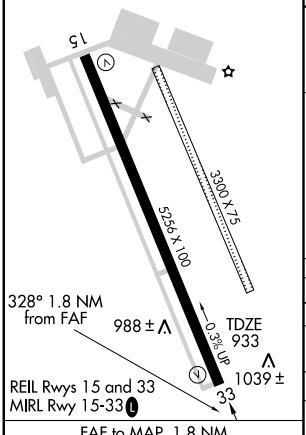
UVALDE/GARNER FIELD (UVA)

NA Obtain local altimeter setting on CTAF; when not received, use Hondo Muni altimeter setting.

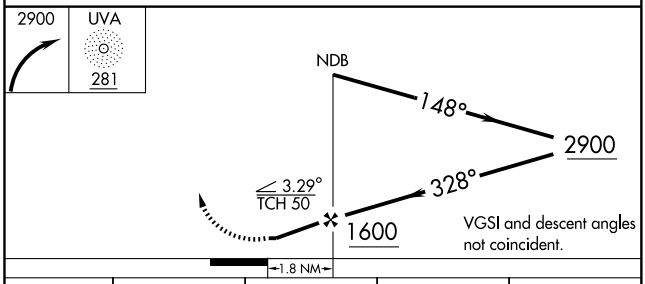
MISSED APPROACH: Climbing right turn to 2900 direct UVA NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
124.175	134.95 269.4	122.8 (CTAF) L





FAF to MAP 1.8 NM					
Knots	60	90	120	150	180
Min:Sec	1:48	1:12	0:54	0:43	0:36



CATEGORY	A	B	C	D
S-33	1340-1	407 (400-1)	1340-1¼	407 (400-1¼)
CIRCLING	1340-1 398 (400-1)	1460-1 518 (600-1)	1460-1½ 518 (600-1½)	1500-2 558 (600-2)
HONDO MUNI ALTIMETER SETTING MINIMUMS				
S-33	1440-1	507 (500-1)	1440-1½	507 (500-1½)
CIRCLING	1440-1 498 (500-1)	1560-1 618 (700-1)	1560-1¾ 618 (700-1¾)	1600-2 658 (700-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5256
328°	TDZE	933
	Apt Elev	942

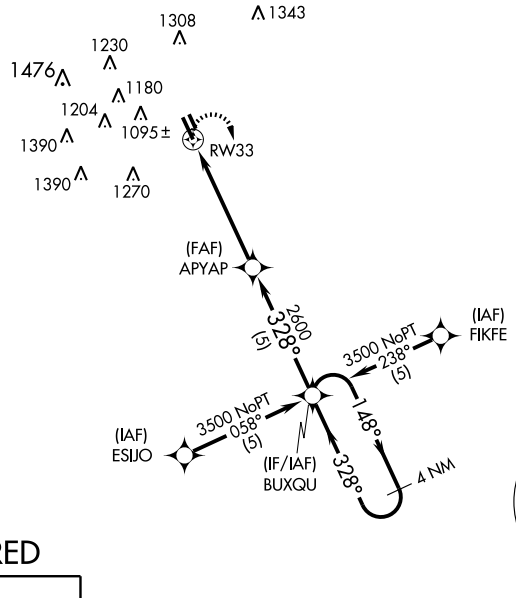
RNAV (GPS) RWY 33

UVALDE/GARNER FIELD (UVA)

NA Obtain local altimeter setting on CTAF; when not received, use Hondo Muni altimeter setting and increase all MDA's 100 feet and visibility Cat's C and D 1/4 mile.
GPS or RNP-0.3 REQUIRED, DME/DME RNP-0.3 NA

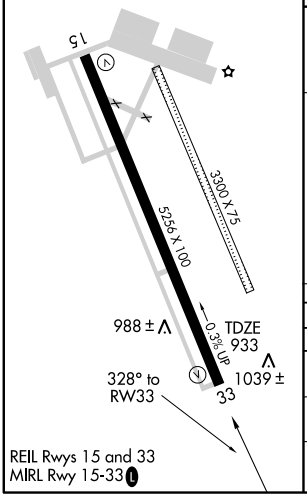
MISSED APPROACH: Climbing right turn to 3500 direct BUXQU WP and hold.

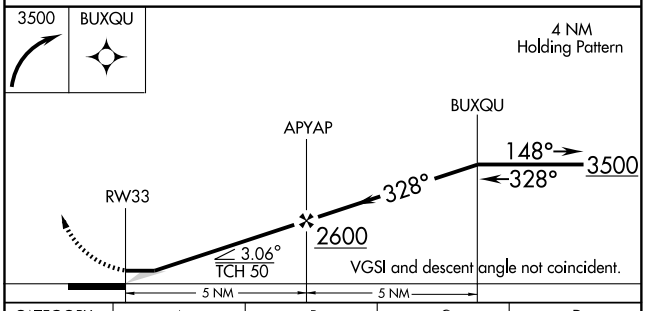
AWOS-3	HOUSTON CENTER	UNICOM
124.175	134.95 269.4	122.8 (CTAF) L



RADAR REQUIRED

ELEV 942





CATEGORY	A	B	C	D
GLS DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	1380-1 447 (500-1)		1380-1¼ 447 (500-1¼)	1380-1½ 447 (500-1½)
CIRCLING	1380-1 438 (500-1)	1460-1 518 (600-1)	1460-1½ 518 (600-1½)	1500-2 558 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB VHN	APP CRS	Rwy Idg	6000
233	223°	TDZE	3939
		Apt Elev	3957

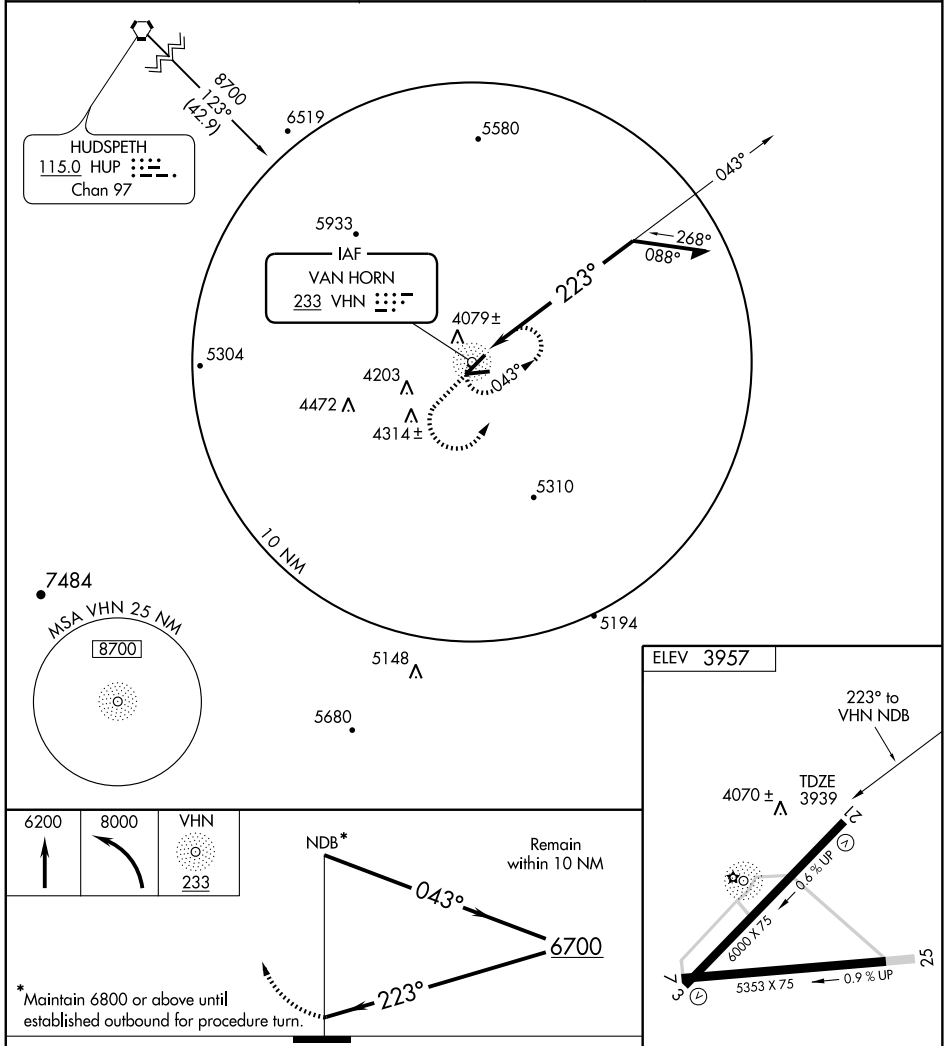
NDB RWY 21

VAN HORN/CULBERSON COUNTY (VHN)

Obtain local altimeter setting on CTAF; when not received, procedure not authorized.

MISSED APPROACH: Climb to 6200 then climbing left turn to 8000 direct VHN NDB and hold.

ALBUQUERQUE CENTER	CTAF	GCO
135.875 292.15	122.9 L	121.725



*Maintain 6800 or above until established outbound for procedure turn.

MIRL Rwys 3-21 and 7-25 L

CATEGORY	A	B	C	D
S-21	4400-1 501 (500-1)		4440-1½ 501 (500-1½)	
CIRCLING	4440-1 483 (500-1)	4460-1 503 (600-1)	4480-1½ 523 (600-1½)	4840-3 883 (900-3)

Knots	60	90	120	150	180
Min:Sec					

SC-3. 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6000
215°	TDZE	3939
	Apt Elev	3957

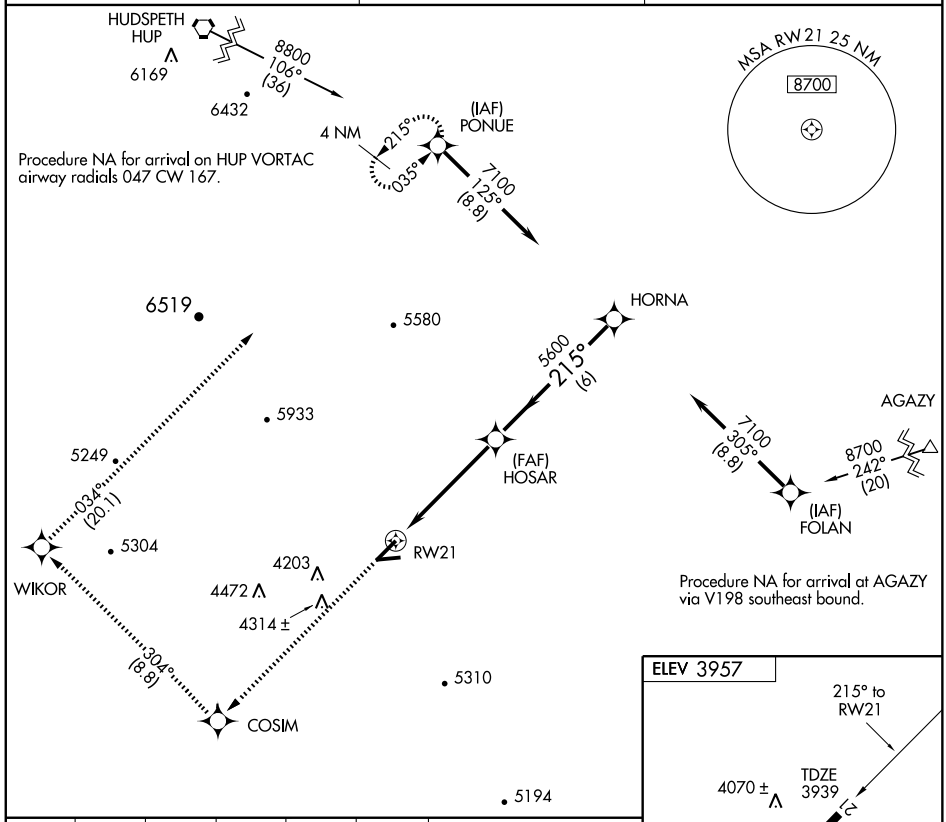
RNAV (GPS) RWY 21

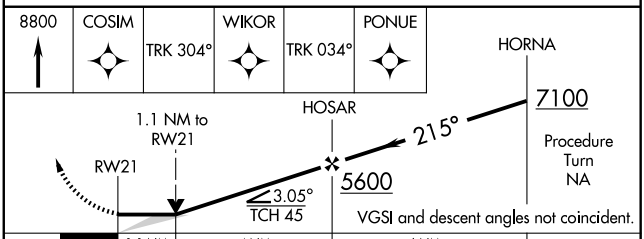
VAN HORN/CULBERSON COUNTY (VHN)

Obtain local altimeter setting on CTAF; when not received, procedure NA.
GPS or RNP-0.3 required. DME/DME RNP-0.3 NA.

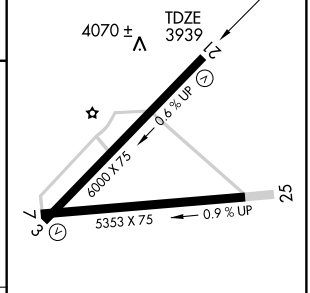
MISSED APPROACH: Climb to 8800 direct COSIM WP, and via 304° track to WIKOR WP and via 034° track to PONUE WP and hold.

ALBUQUERQUE CENTER	CTAF	GCO
135.875 292.15	122.9 L	121.725





CATEGORY	A	B	C	D
LNAV MDA	4300-1 361 (400-1)			4300-1¼ 361 (400-1¼)
CIRCLING	4440-1 483 (500-1)	4460-1 503 (600-1)	4480-1½ 523 (600-1½)	4840-3 883 (900-3)



MIRL Rwys 3-21 and 7-25 L

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB VRT	APP CRS	Rwy Idg	5099
230	186°	TDZE	1257
		Apt Elev	1264

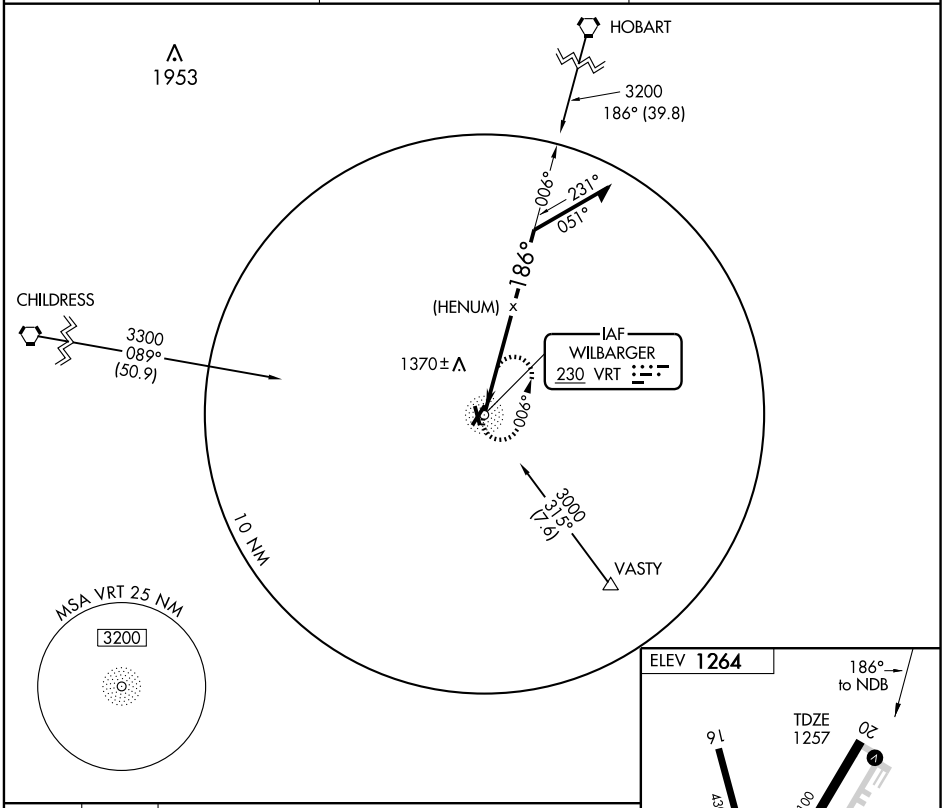
NDB or GPS RWY 20

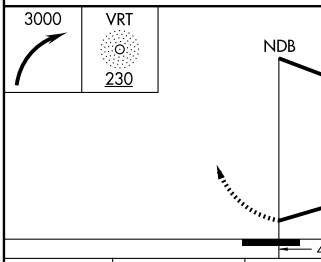
VERNON/ WILBARGER COUNTY (F05)

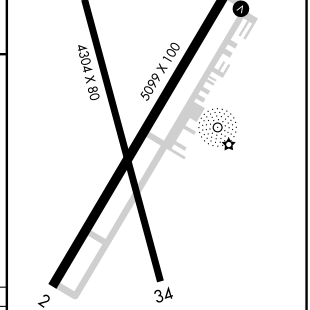
NA — Use Altus AFB, OK altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 to VRT NDB and hold.

AWOS-3	ALTUS APP CON ★	UNICOM
118.525	125.1 259.3	122.8 (CTAF) L







MIRL Rwy 2-20 and 16-34

CATEGORY	A	B	C	D
S-20	1820-1	563 (600-1)	1820-1½ 563 (600-1½)	NA
CIRCLING	1820-1	556 (600-1)	1820-1½ 556 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

LOC/DME I-VCT	APP CRS	Rwy Idg 9101
111.5	126°	TDZE 115
Chan 52		Apt Elev 115

ILS or LOC RWY 12L

VICTORIA RGNL (VCT)

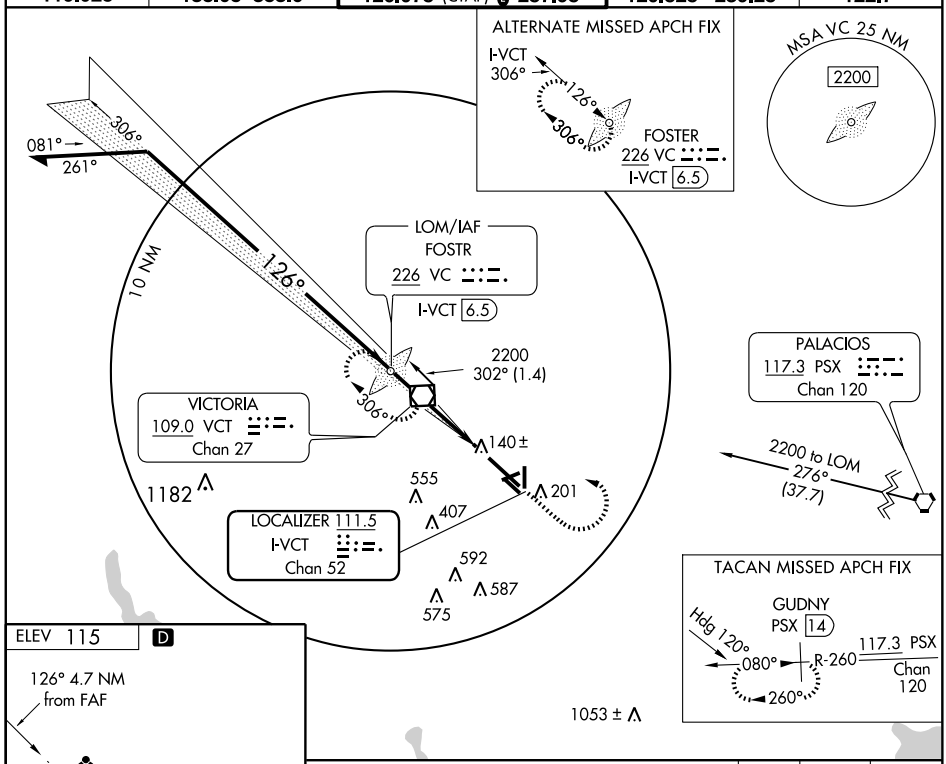
For inoperative MALSR, increase S-LOC 12L Cat D and E visibility to 1 mile and S-ILS Cat E visibility to ¾ mile. VDP NA when using Port Lavaca altimeter setting. For inoperative MALSR when using Port Lavaca altimeter setting, increase S-LOC 12L Cat E visibility to 1¼ mile. When local altimeter setting not received, use Port Lavaca altimeter setting and increase DA 52 feet and all MDA 60 feet.

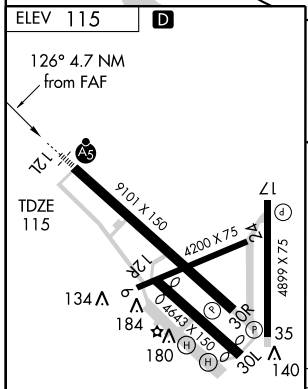
NA

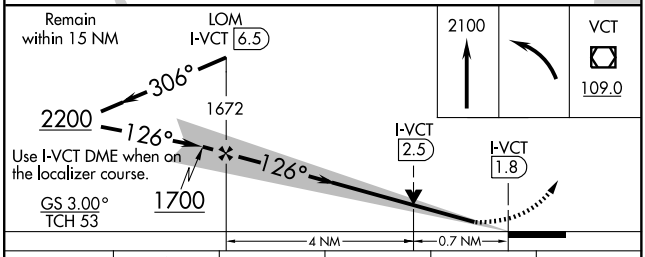
MALSR

MISSED APPROACH: Climb to 2100 then left turn direct VCT VOR/DME and hold. (TACAN aircraft climb to 2100 via heading 120° and PSX VORTAC R-260 to GUDNY/14 DME and hold W, RT, 080° inbound.)

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7







FAF to MAP	4.7 NM				
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D	E
S-ILS 12L	315-½ 200 (200-½)				
S-LOC 12L	400-½ 285 (300-½)			400-¾ 285 (300-¾)	
CIRCLING	520-1 405 (500-1)	580-1 465 (500-1)	580-1½ 465 (500-1½)	680-2 565 (600-2)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

WAAS CH 82709 W12A	APP CRS 126°	Rwy Idg 9101 TDZE 115 Apt Elev 115

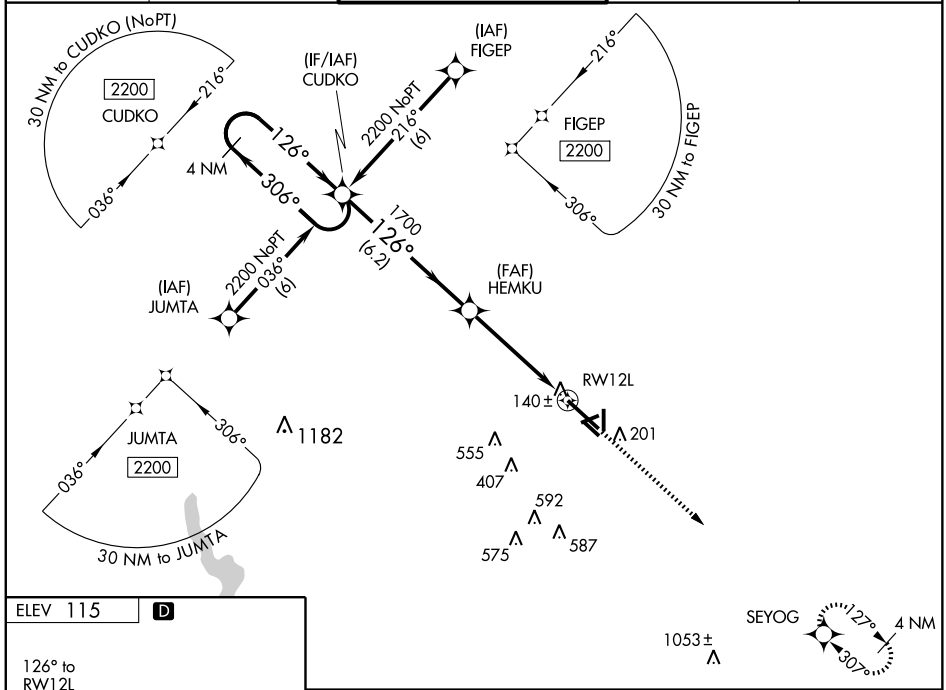
RNAV (GPS) RWY 12L
VICTORIA RGNL (VCT)

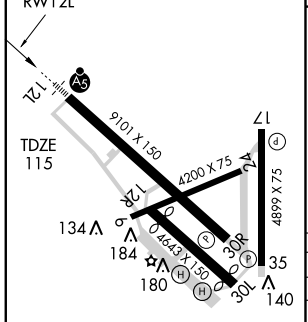
Baro-VNAV NA when using Port Lavaca altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV Cat E and LNAV/VNAV Cat D and E visibility ¼ mile and LNAV Cat E visibility ½ mile. VDP NA when using Port Lavaca altimeter setting. For inoperative MALSR when using Port Lavaca altimeter setting, increase LPV all Cats visibility ½ mile, LNAV/VNAV and LNAV Cat E visibility ½ mile. When local altimeter setting not received, use Port Lavaca altimeter setting and increase all DA 52 feet and all MDA 60 feet, increase LNAV/VNAV Cat A, B, and C and LNAV Cat C, D, and E visibility ¼ mile.

MALSR

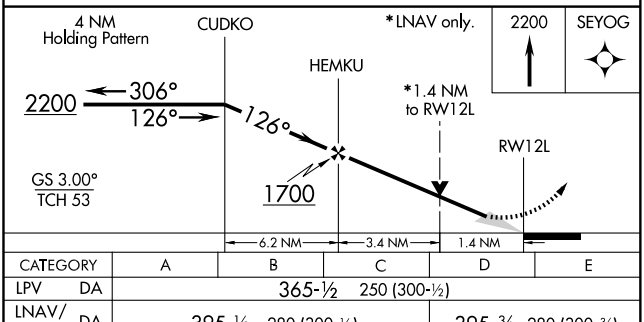
MISSED APPROACH: Climb to 2200 direct SEYOG and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7





MIRL Rwy 17-35
REIL Rwy 17 and 35
HIRL Rwy 12L-30R L



CATEGORY	A	B	C	D	E
LPV DA	365-½ 250 (300-½)				
LNAV/VNAV DA	395-½ 280 (300-½)			395-¾ 280 (300-¾)	
LNAV MDA	600-½ 485 (500-½)		600-¾ 485 (500-¾)	600-1 485 (500-1)	600-1¼ 485 (500-1¼)
CIRCLING	600-1 485 (500-1)		600-1½ 485 (500-1½)	680-2 565 (600-2)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

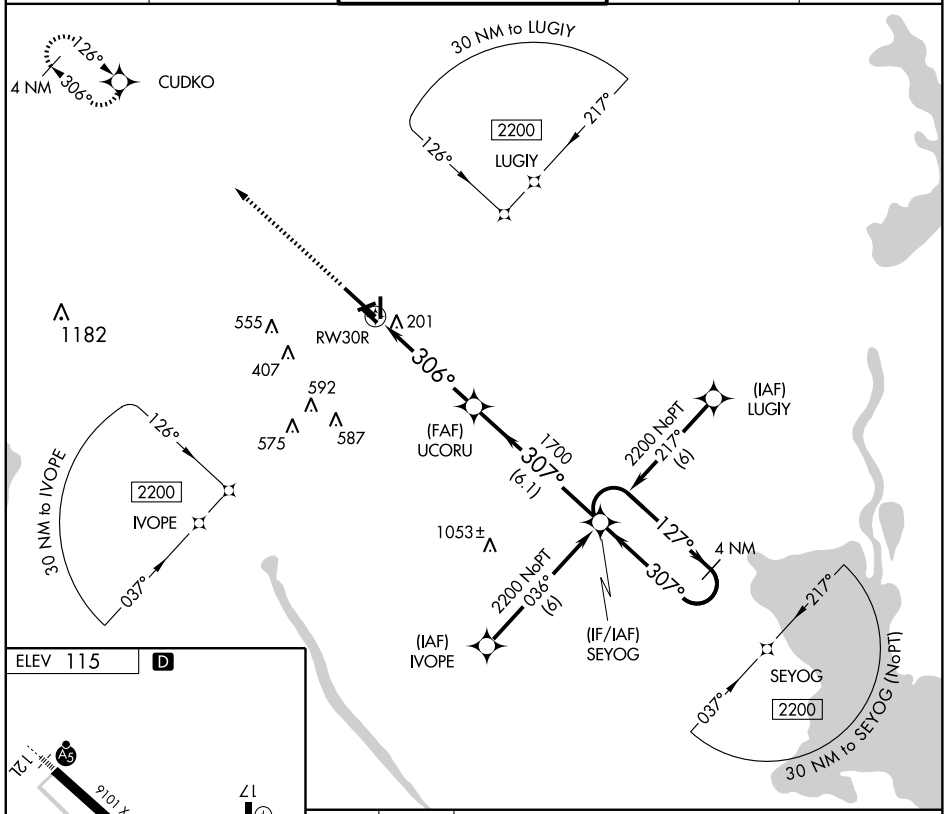
APP CRS	Rwy Idg	9101
306°	TDZE	106
	Apt Elev	115

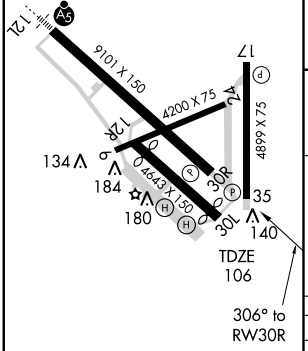
RNAV (GPS) RWY 30R
VICTORIA RGNL (VCT)

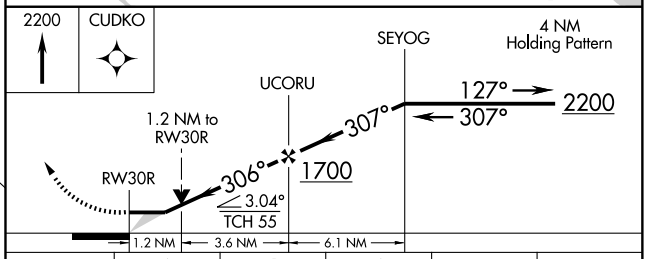
DME/DME RNP-0.3 NA. VDP NA when using Port Lavaca altimeter setting. When local altimeter setting not received, use Port Lavaca altimeter setting and increase all MDA 60 feet, increase LNAV Cat E visibility ¼ mile.

MISSED APPROACH: Climb to 2200 direct CUDKO and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7







MIRL Rwy 17-35
REIL Rwy 17 and 35
HIRL Rwy 12L-30R L

CATEGORY	A	B	C	D	E
LNAV MDA	540-1 434 (500-1)		540-1¼ 434 (500-1¼)	540-1½ 434 (500-1½)	
CIRCLING	540-1 425 (500-1)	580-1 465 (500-1)	580-1½ 465 (500-1½)	680-2 565 (600-2)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

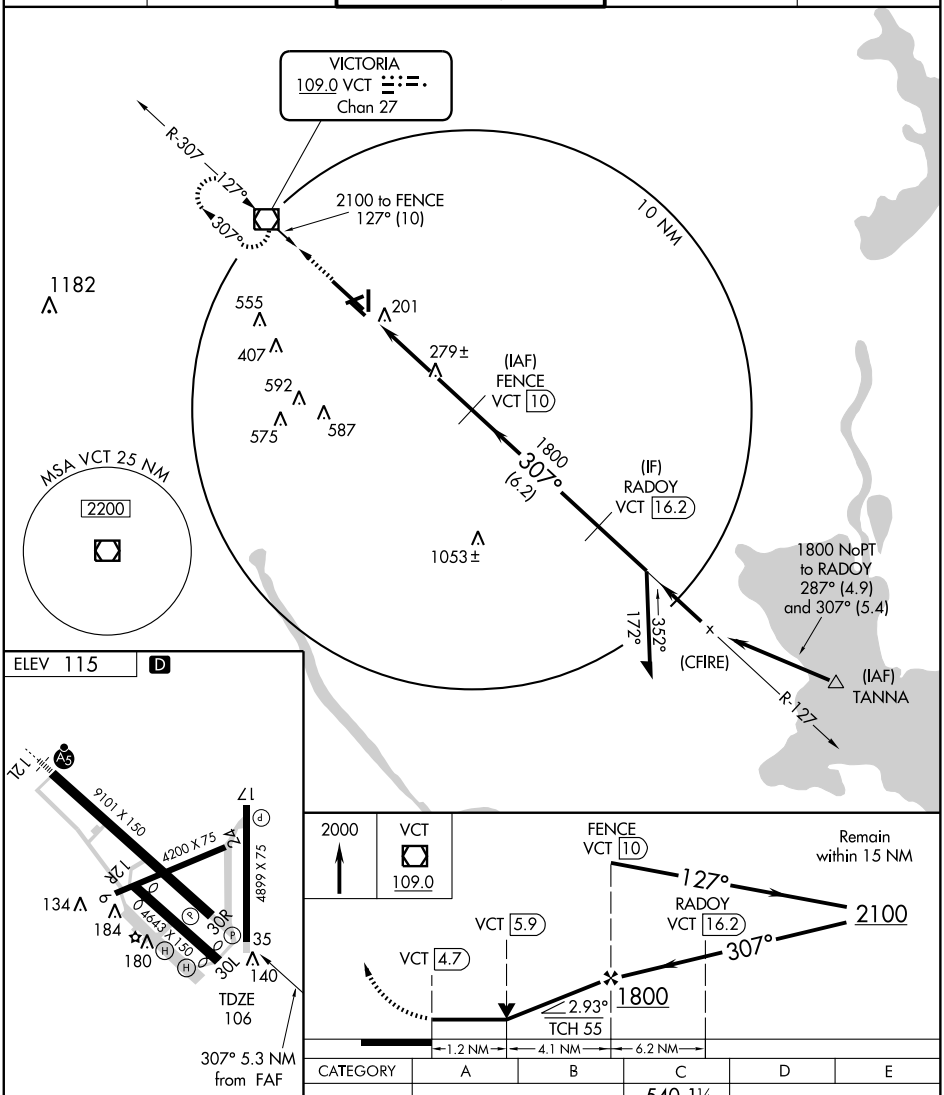
VOR/DME VCT	APP CRS	Rwy Idg	9101
109.0	307°	TDZE	106
Chan 27		Apt Elev	115

VOR/DME RWY 30R
VICTORIA RGNL (VCT)

VDP NA when using Port Lavaca altimeter setting. When local altimeter setting not received, use Port Lavaca altimeter setting and increase all MDA 80 feet, increase S-30R Cat E visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct VCT VOR/DME and hold.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7



CATEGORY	A	B	C	D	E
S-30R	540-1 434 (500-1)		540-1¼ 434 (500-1¼)	540-1½ 434 (500-1½)	
CIRCLING	540-1 425 (500-1)	580-1 465 (500-1)	580-1½ 465 (500-1½)	680-2 565 (600-2)	NA

MIRL Rwy 17-35
REIL Rwy 17 and 35
HIRL Rwy 12L-30R L

SC-5, 17 DEC 2009 to 14 JAN 2010

VOR/DME VCT	APP CRS	Rwy Idg	9101
109.0	127°	TDZE	115
Chan 27		Apt Elev	115

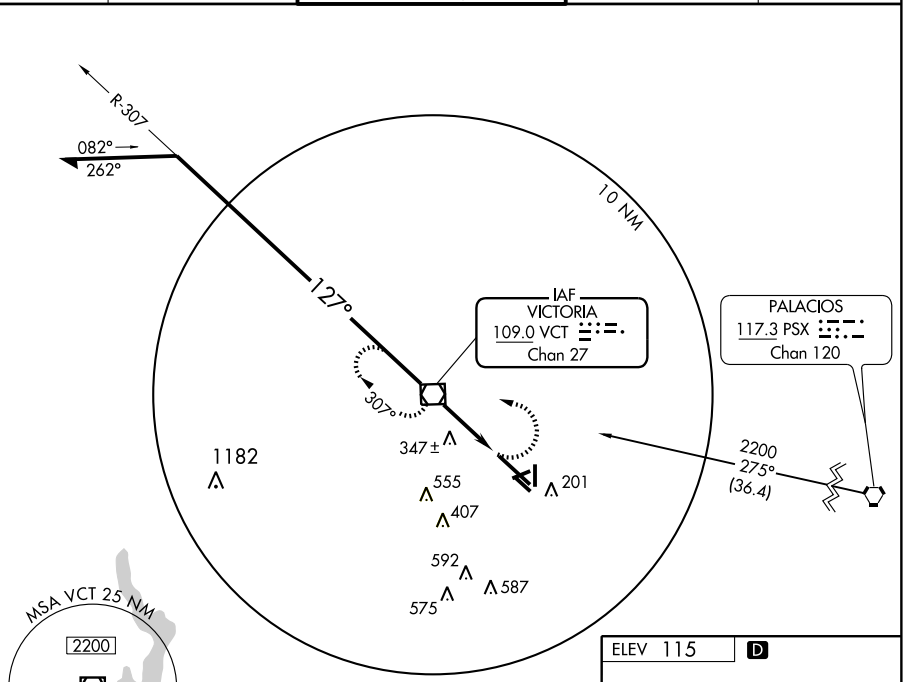
VOR RWY 12L
VICTORIA RGNL (VCT)

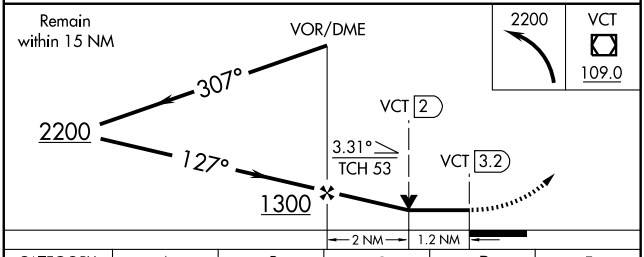
For inoperative MALSR, increase S-12L Cat E visibility to 1¾ miles. VDP NA when using Port Lavaca altimeter setting. For inoperative MALSR when using Port Lavaca altimeter setting, increase S-12L Cat E visibility to 2 miles. When local altimeter setting not received, use Port Lavaca altimeter setting and increase all MDA 60 feet, increase S-12L Cat C, D, and E visibility ¼ mile.

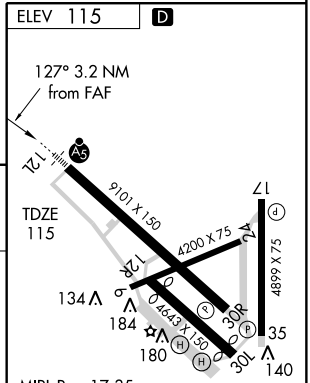
MALSR

MISSED APPROACH: Climbing left turn to 2200 direct VCT VOR/DME and hold, continue climb-in-hold to 2200.

ATIS	HOUSTON CENTER	VICTORIA TOWER ★	GND CON	UNICOM
119.025	135.05 353.6	126.075 (CTAF) L 257.95	120.525 239.25	122.7







CATEGORY	A	B	C	D	E
S-12L	600-½	485 (500-½)	600-¾ 485 (500-¾)	600-1 485 (500-1)	600-1¼ 485 (500-1¼)
CIRCLING	600-1	485 (500-1)	600-1½ 485 (500-1½)	680-2 565 (600-2)	NA

FAF to MAP 3.2 NM

Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

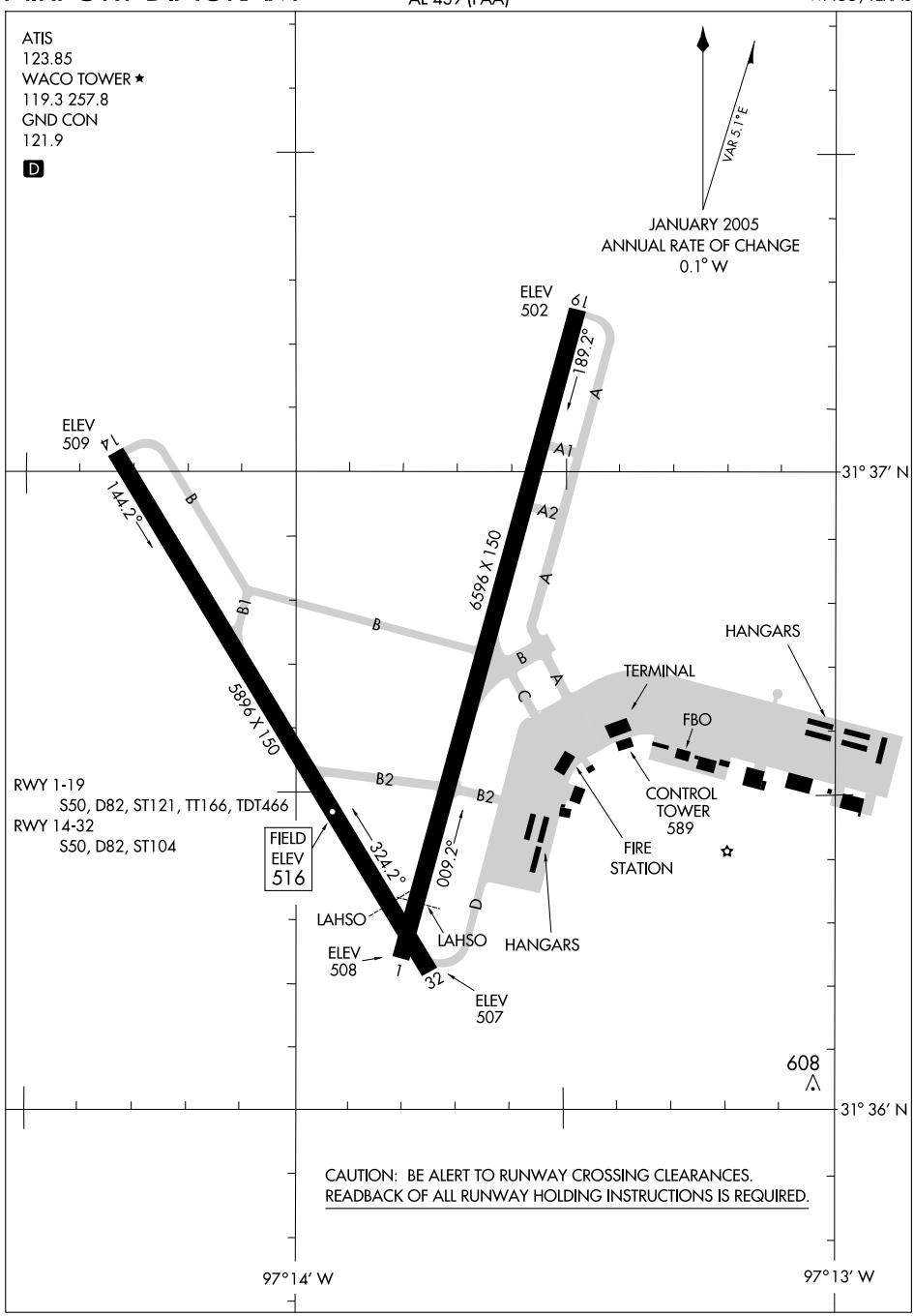
SC-5, 17 DEC 2009 to 14 JAN 2010

09295

AIRPORT DIAGRAM

AL-439 (FAA)

WACO RGNL (ACT)
WACO, TEXAS



SC-3, 17 DEC 2009 to 14 JAN 2010

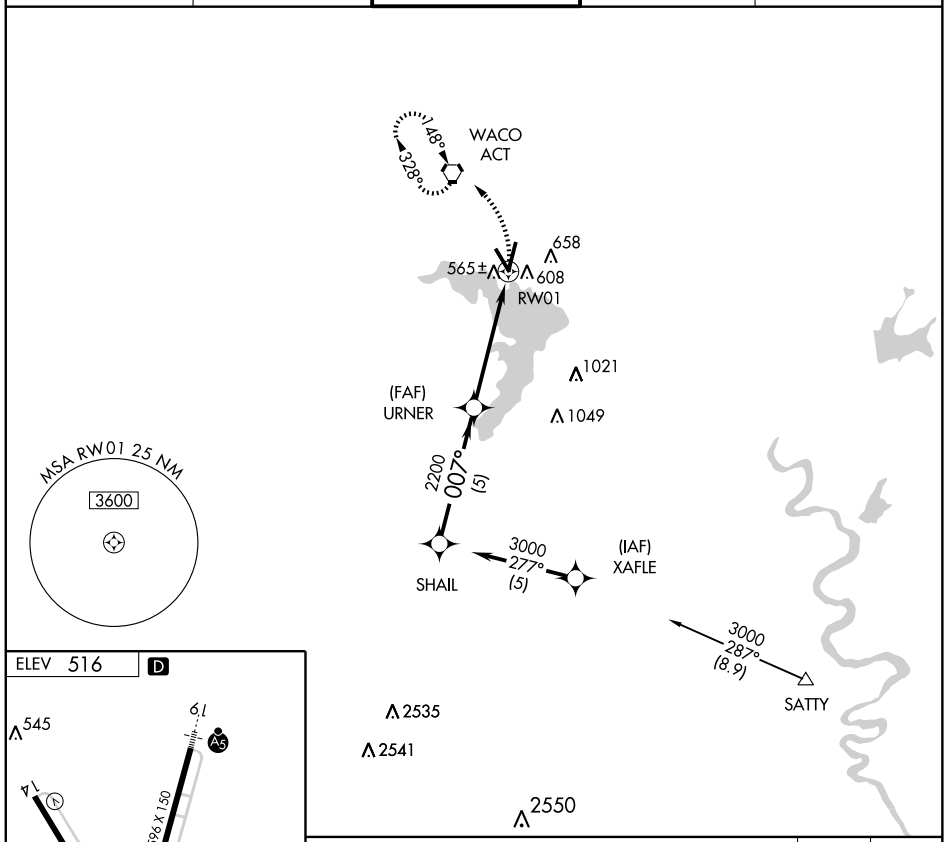
APP CRS	Rwy Idg	6596
007°	TDZE	511
	Apt Elev	516

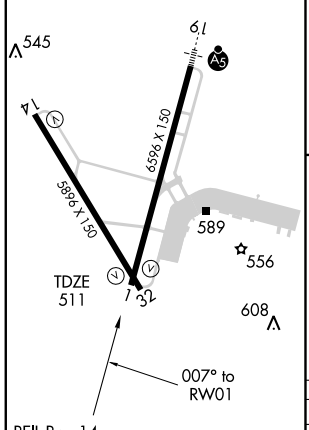
GPS RWY 1
WACO RGNL (ACT)

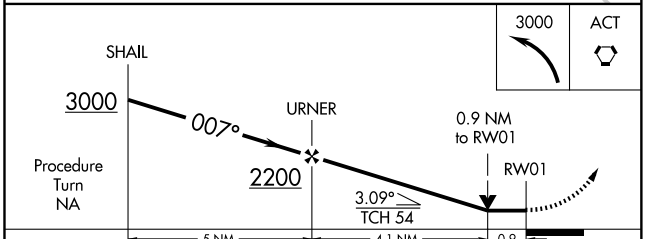
NA
ASR

MISSED APPROACH: Climbing left turn to 3000 direct ACT VORTAC and hold.

ATIS	WACO APP CON ★	WACO TOWER ★	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-1	840-1 329 (400-1)			
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

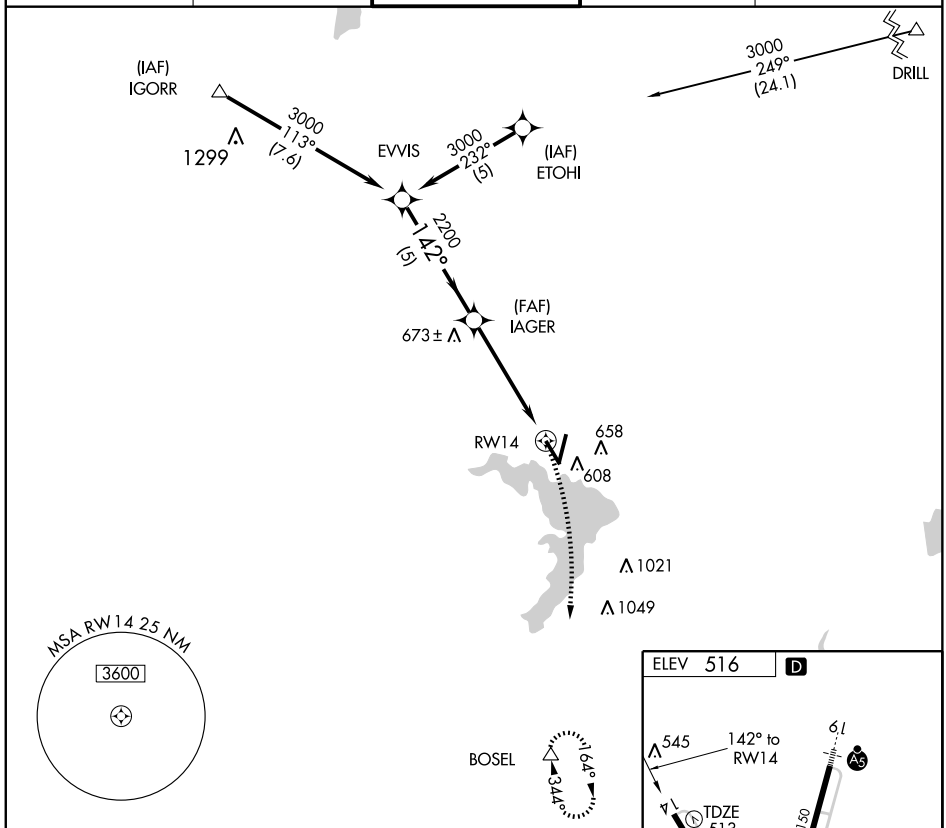
APP CRS	Rwy Idg	5896
142°	TDZE	513
	Apt Elev	516

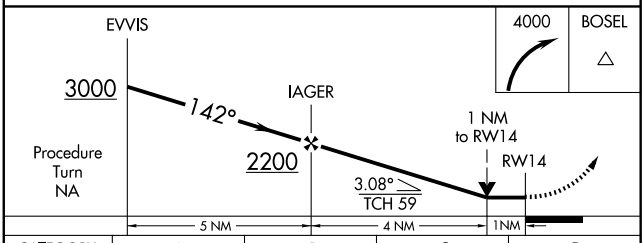
GPS RWY 14
WACO RGNL (ACT)

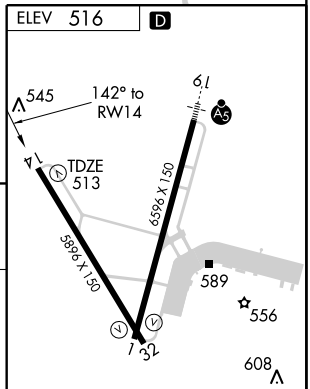
NA
ASR

MISSED APPROACH: Climbing right turn to 4000 direct BOSEL and hold.

ATIS	WACO APP CON ★	WACO TOWER ★	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-14	900-1 387 (400-1)			900-1¼ 387 (400-1¼)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

REIL Rwy 14
HIRL Rwy 1-19 L
MIRL Rwy 14-32 L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	6596
187°	TDZE	505
	Apt Elev	516

GPS RWY 19
WACO RGNL (ACT)

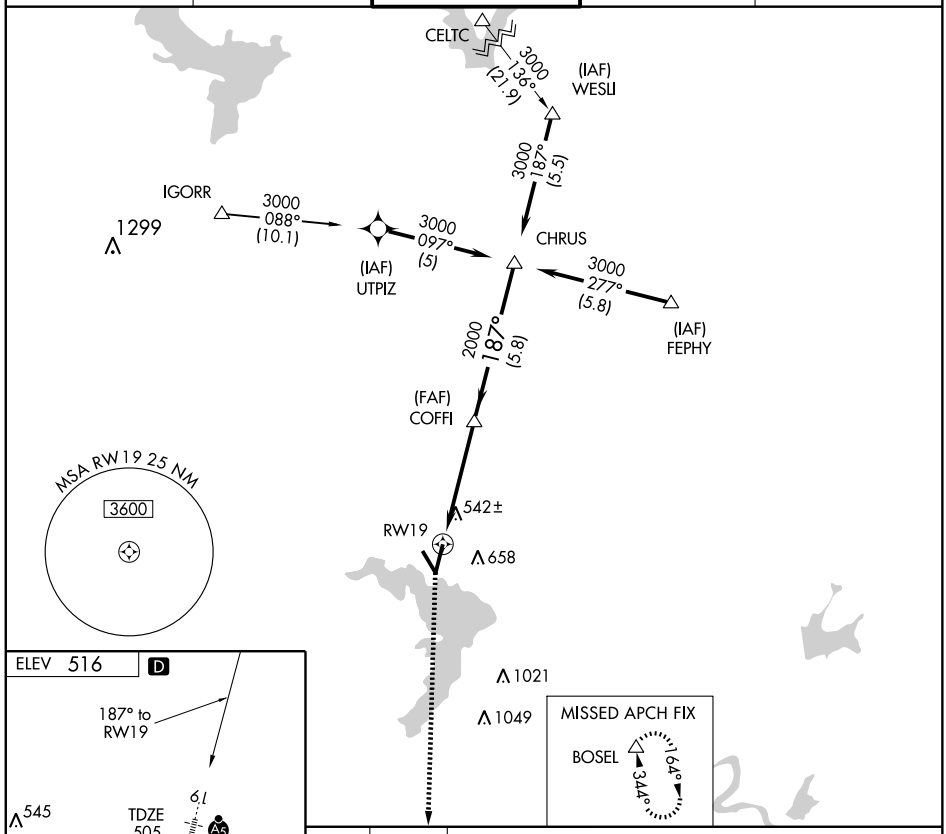
NA
ASR

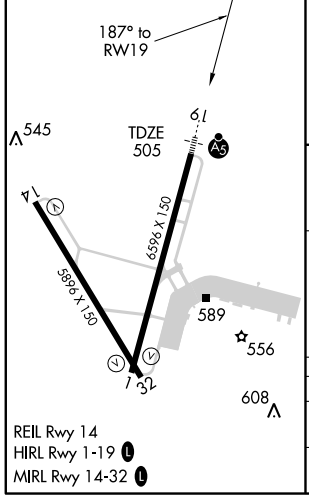
Inoperative table does not apply to S-19 Cat D.

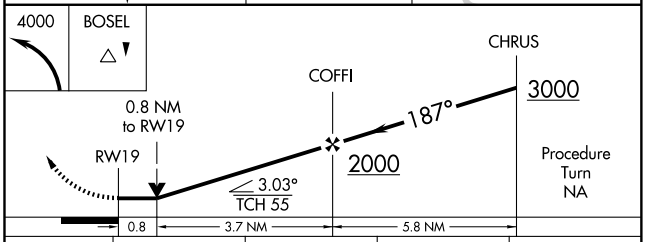
MALSR

MISSED APPROACH: Climbing left turn to 4000 direct BOSEL and hold.

ATIS	WACO APP CON ★	WACO TOWER ★	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-19	800/24 295 (300-½)			800/50 295 (300-1)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5896
323°	TDZE	516
	Apt Elev	516

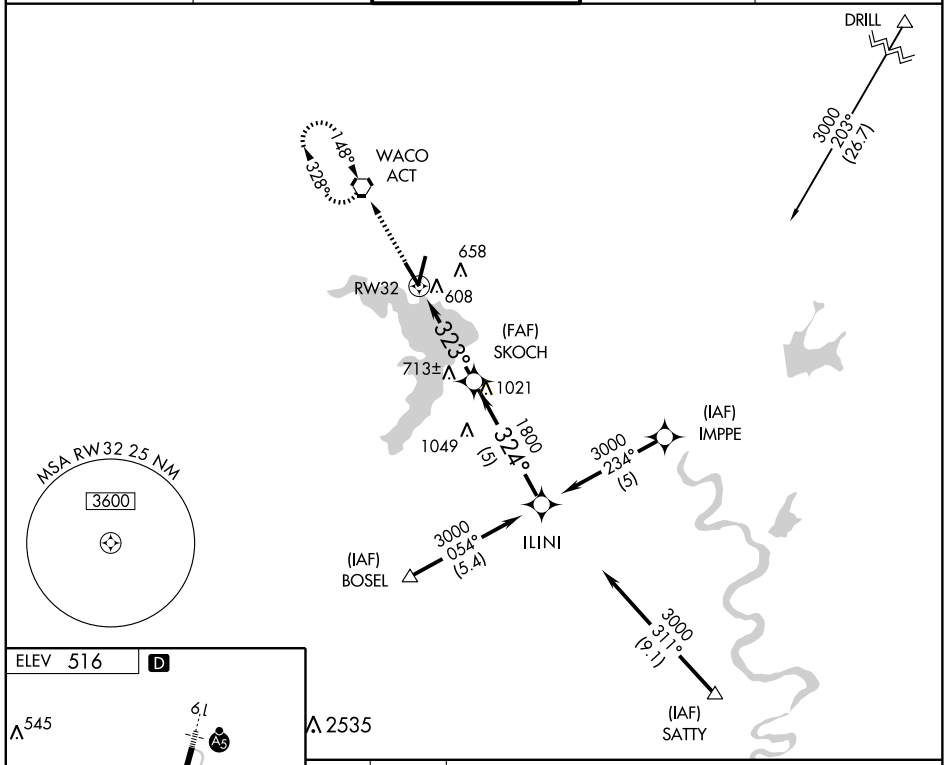
GPS RWY 32
WACO RGNL (ACT)

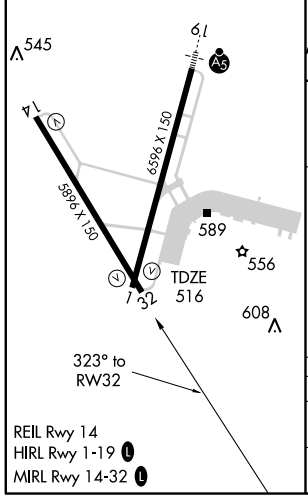
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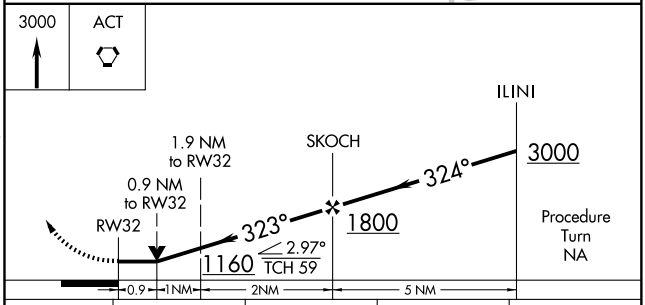
ASR

MISSED APPROACH: Climb to 3000 direct ACT VORTAC and hold.

ATIS	WACO APP CON ★	WACO TOWER ★	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-32	860-1 344 (400-1)			860-1¼ 344 (400-1¼)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

SC-3. 17 DEC 2009 to 14 JAN 2010

LOC I-ACT	APP CRS	Rwy Idg	6596
109.7	187°	TDZE	505
Chan 34		Apt Elev	516

ILS or LOC RWY 19

WACO RGNL (ACT)

For inoperative MALSR, increase S-LOC 19 Cat D visibility to RVR 5000.

ASR * RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 via ACT R-164 to BOSEL INT/14 DME and hold.

ATIS	WACO APP CON *	WACO TOWER *	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95

GLEN ROSE
115.0 JEN
Chan 97

CEDAR CREEK
114.8 CQY
Chan 95

WACO
115.3 ACT
Chan 100

2800
108° (40.9)

2600
243° (50.9)

R-108

R-243

007°

(IAF)
WESLI
I-ACT 17

R-116

R-238

142°
322°

2500 NoPT
187° (5.5)

CHRUS
I-ACT 11.5

1800
187° (5.8)

187°

2500
051° (3.8)

LOM/IAF
COFFI
358 AC
I-ACT 5.7

658
608

R-164

LOCALIZER 109.7
I-ACT
Chan 34

2800 to LOM
359° (15.9)

1021
1049

R-027

15 NM

BOSEL
ACT 14

164°
344°

110.4 TPL
Chan 41

2535
2541

R-164

MSA AC 25 NM
2500
090° 270°
3600

ELEV 516 D

187° 4.5 NM
from FAF

545

6.1

TDZE
505

14

6596 X 150

5896 X 150

589

556

1 32

608

REIL Rwy 14
HIRL Rwy 1-19 L
MIRL Rwy 14-32 L

1500	4000	BOSEL
	ACT R-164	ACT 14

LOM
I-ACT 5.7

Remain within 10 NM

007°

1767

I-ACT
1.2

187°

2500

1800

GS 2.50°
TCH 54

4.5 NM

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

CATEGORY	A	B	C	D
S-ILS 19	* 705/24 200 (200-½)			
S-LOC 19	800/24 295 (300-½)			800/40 295 (300-¾)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC ACT	APP CRS	Rwy Idg	5896
115.3	321°	TDZE	516
Chan 100		Apt Elev	516

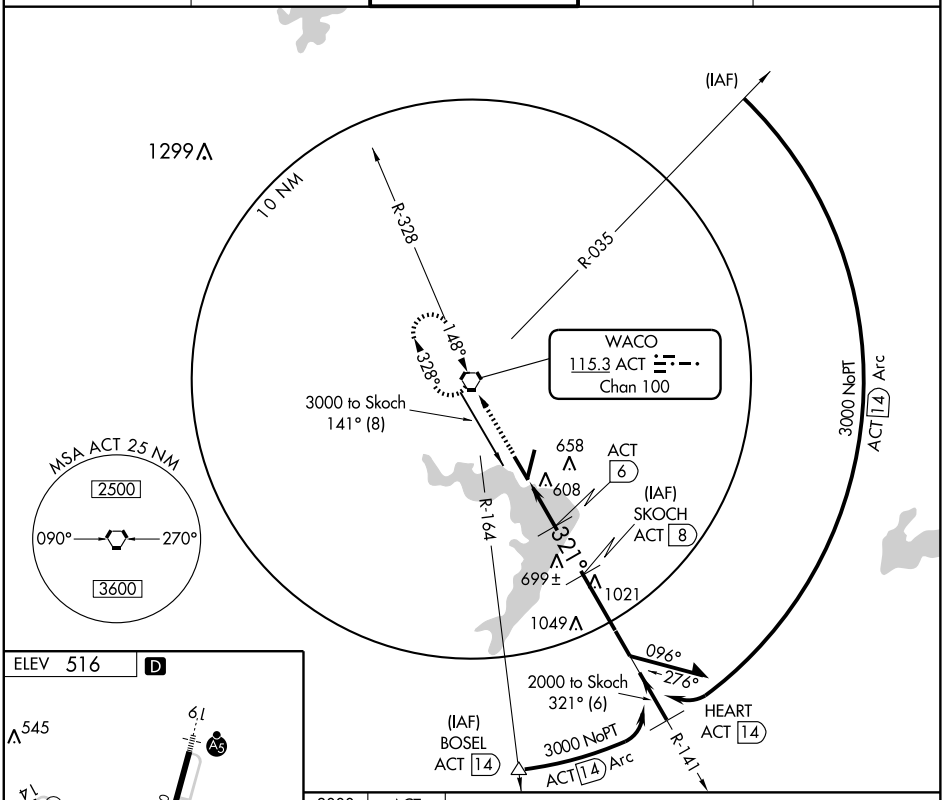
VOR/DME RWY 32

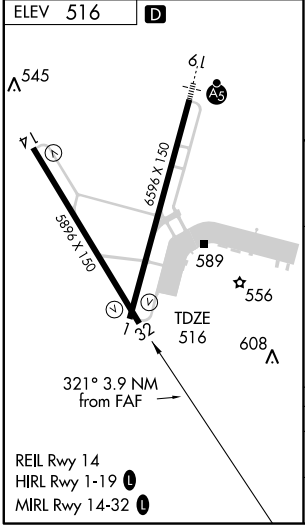
WACO RGNL (ACT)

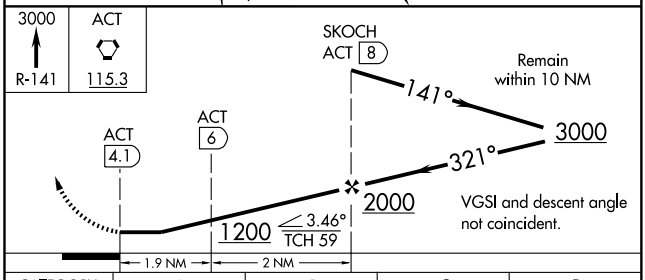
ASR

MISSED APPROACH: Climb to 3000 via R-141 to ACT VORTAC and hold.

ATIS	WACO APP CON ★	WACO TOWER ★	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







CATEGORY	A	B	C	D
S-32	880-1 364 (400-1)			880-1¼ 364 (400-1¼)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

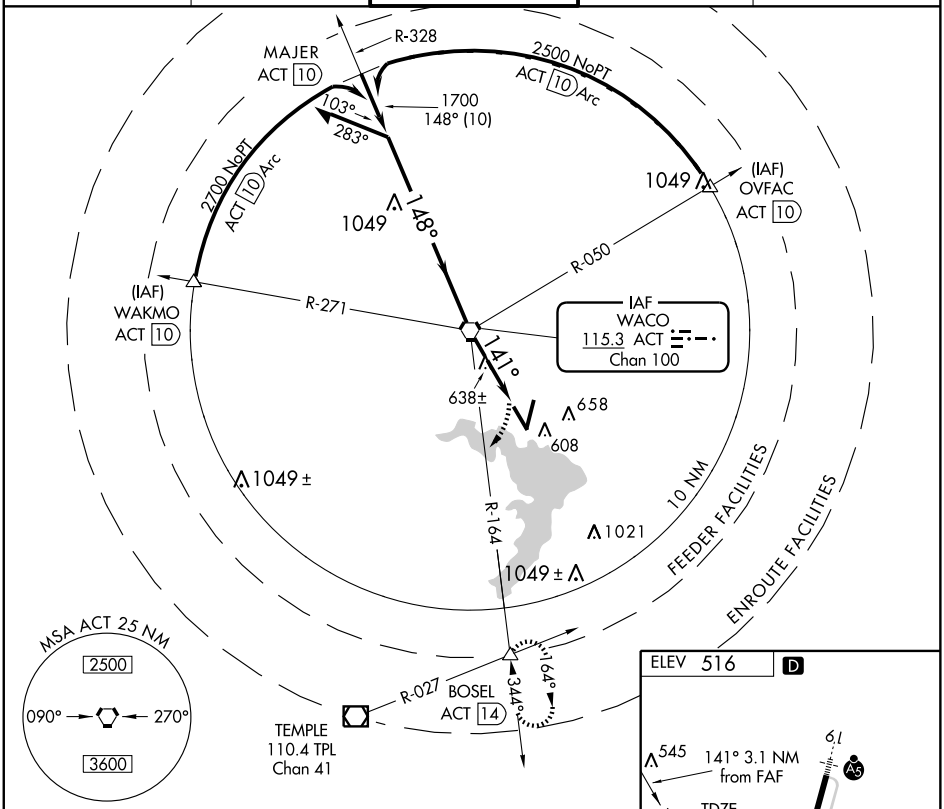
VORTAC ACT	APP CRS	Rwy Idg	5896
115.3	141°	TDZE	513
Chan 100		Apt Elev	516

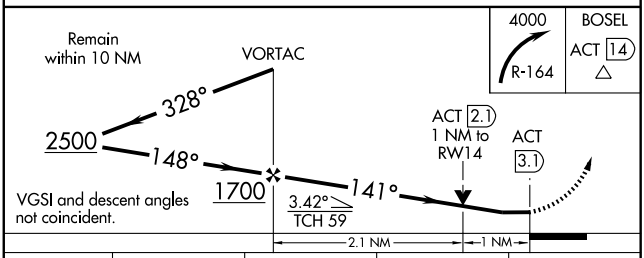
VOR RWY 14
WACO RGNL (ACT)

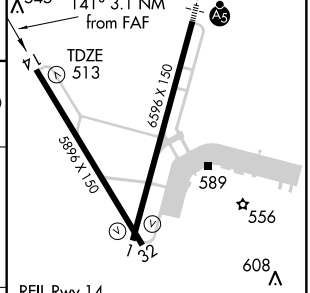
ASR

MISSED APPROACH: Climbing right turn to 4000 via R-164 to BOSEL/INT 14.00 DME and hold.

ATIS	WACO APP CON *	WACO TOWER *	GND CON	UNICOM
123.85	135.2 227.125	119.3 (CTAF) L 257.8	121.9	122.95







REIL Rwy 14
HIRL Rwy 1-19 L
MIRL Rwy 14-32 L

CATEGORY	A	B	C	D
S-14	900-1 387 (400-1)			900-1¼ 387 (400-1¼)
CIRCLING	920-1 404 (500-1)	980-1 464 (500-1)	980-1½ 464 (500-1½)	1080-2 564 (600-2)

FAF to MAP 3.1 NM

Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

SC-3, 17 DEC 2009 to 14 JAN 2010

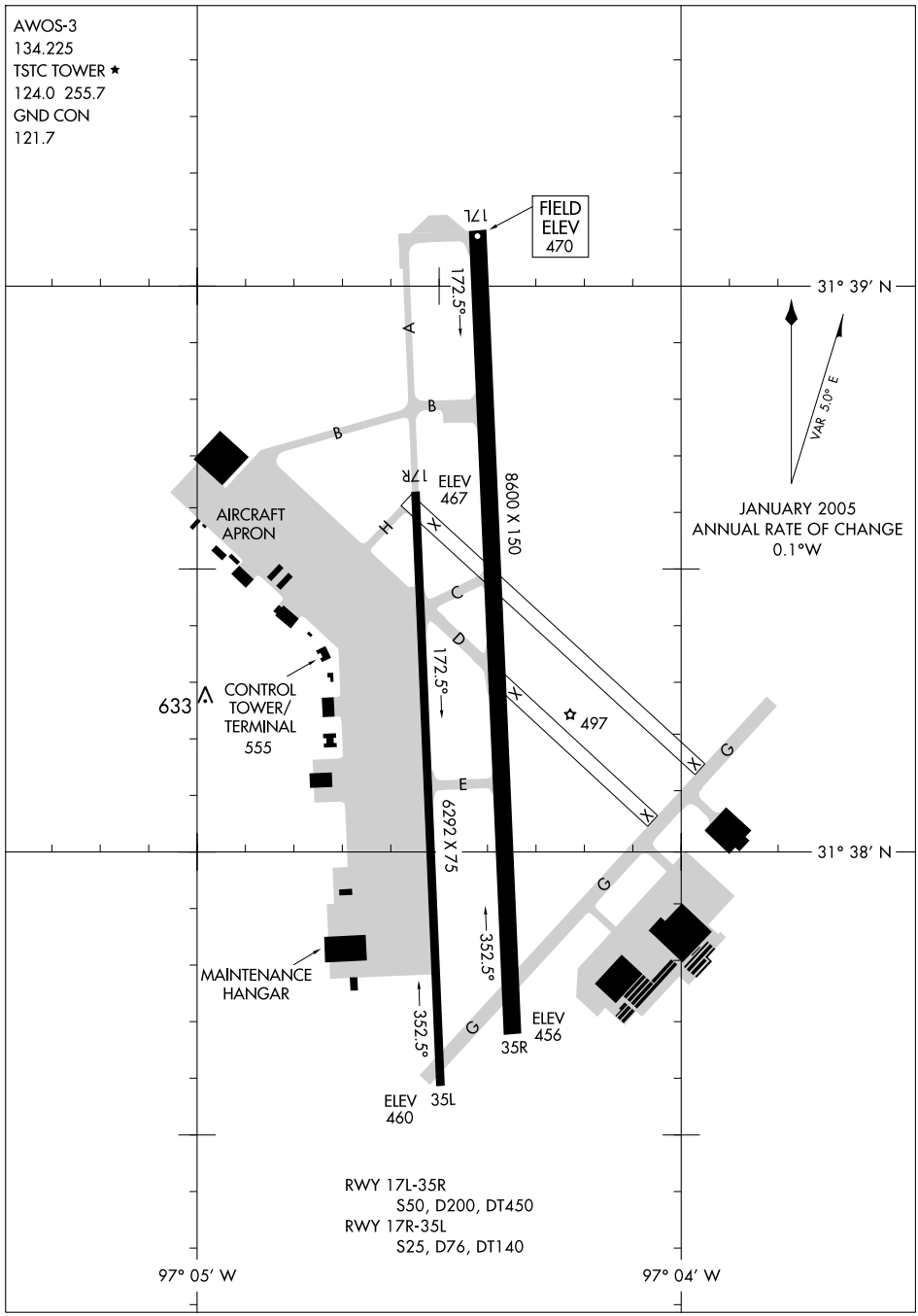
09351

AIRPORT DIAGRAM

AL-579 (FAA)

WACO/TSTC WACO (CNW)
WACO, TEXAS

AWOS-3
134.225
TSTC TOWER ★
124.0 255.7
GND CON
121.7



SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8600
171°	TDZE	469
	Apt Elev	470

GPS RWY 17L

WACO/ TSTC WACO (CNW)

NA

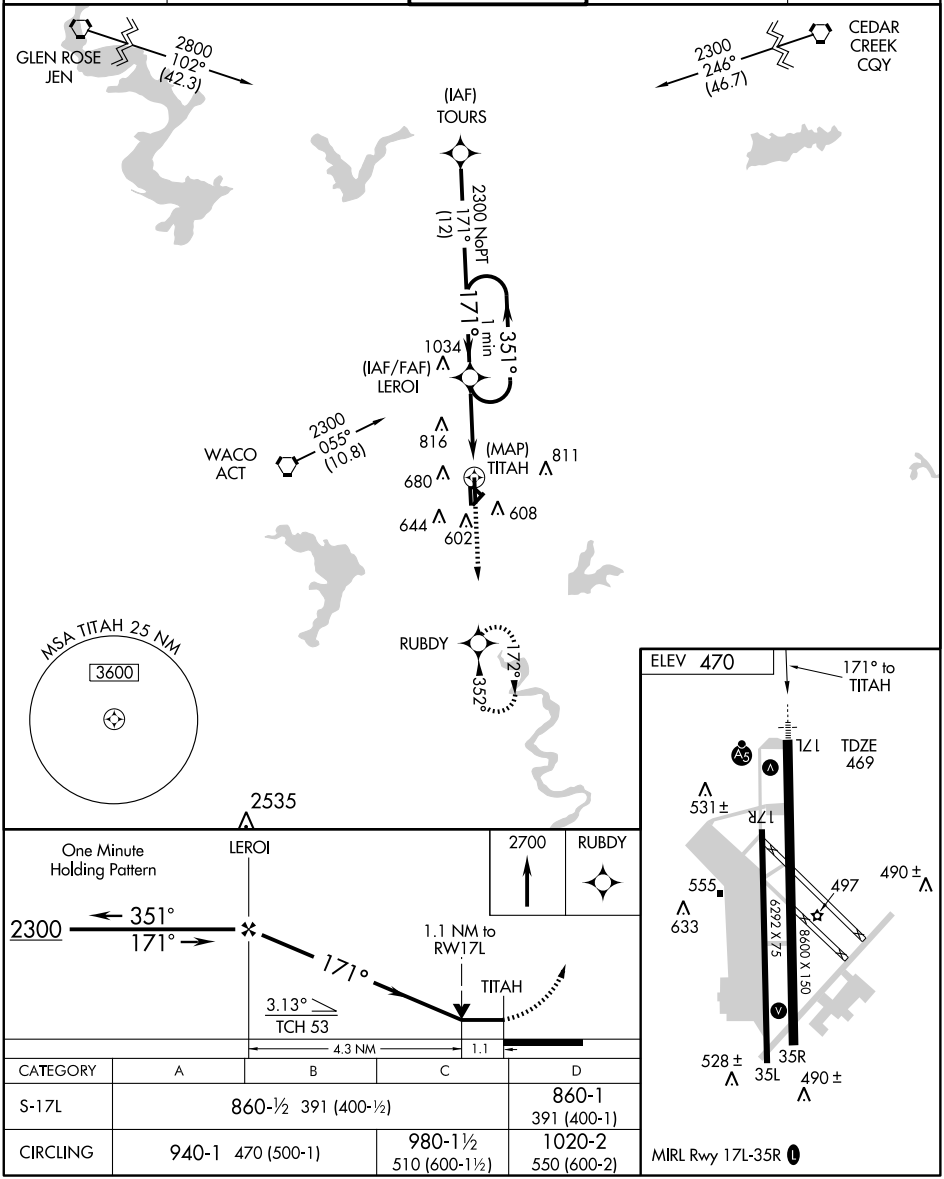
ASR

For inoperative MALSR, increase S-ILS 17L Cat D visibilty to 1¼.

MALSR

MISSED APPROACH: Climb to 2700 direct RUBDY and hold.

AWOS-3	WACO APP CON ★	TSTC TOWER ★	GND CON	UNICOM
134.225	135.2 227.125	124.0 (CTAF) 255.7	121.7 L	122.95



CATEGORY	A	B	C	D
S-17L	860-½ 391 (400-½)			860-1 391 (400-1)
CIRCLING	940-1 470 (500-1)		980-1½ 510 (600-1½)	1020-2 550 (600-2)

MIRL Rwy 17L-35R L

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	8600
352°	TDZE	461
	Apt Elev	470

GPS RWY 35R

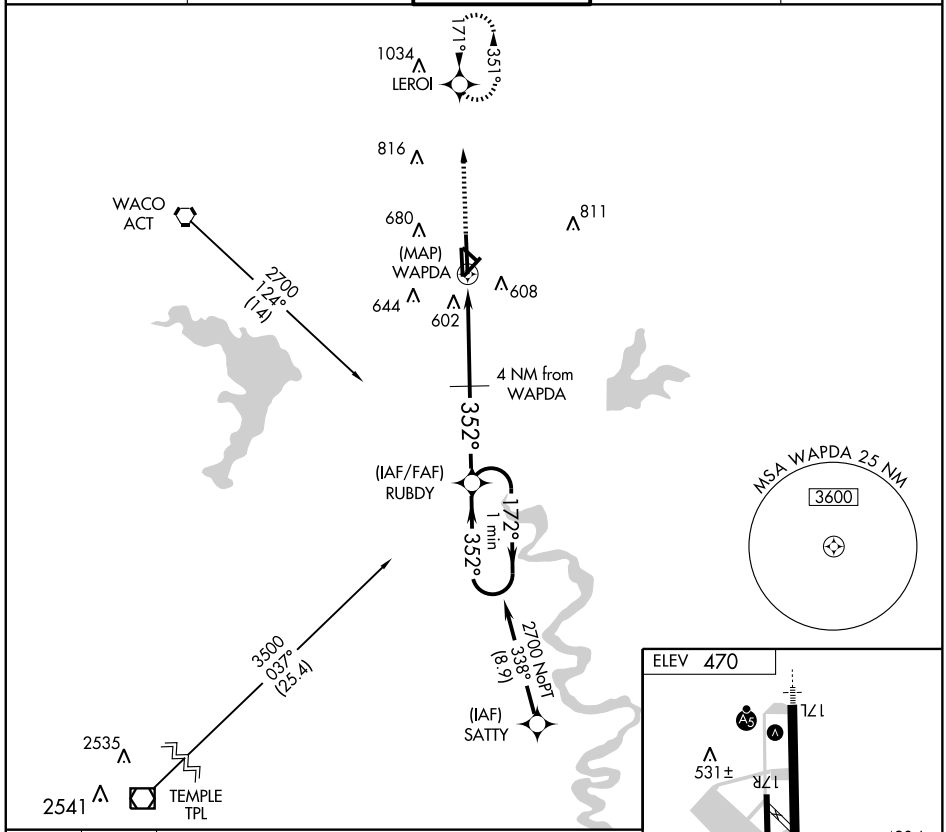
WACO/ TSTC WACO (CNW)

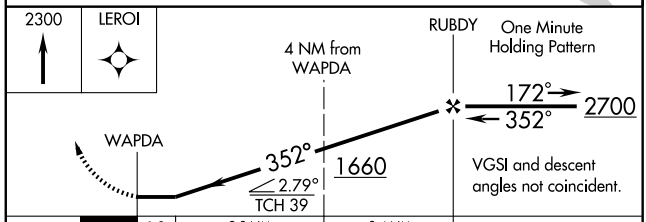
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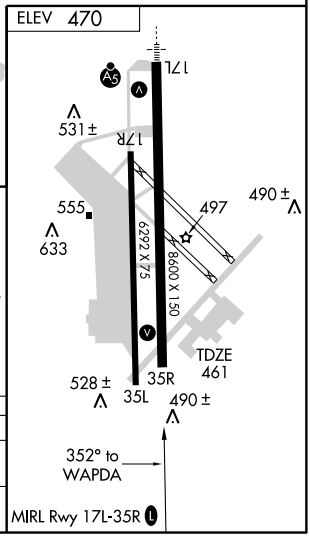
ASR

MISSED APPROACH: Climb to 2300 direct LEROI and hold.

AWOS-3	WACO APP CON★	TSTC TOWER★	GND CON	UNICOM
134.225	135.2 227.125	124.0 (CTAF) 255.7	121.7 L	122.95







CATEGORY	A	B	C	D
S-35R	860-1 399 (400-1)			860-1¼ 399 (400-1¼)
CIRCLING	940-1 470 (500-1)		980-1½ 510 (600-1½)	1020-2 550 (600-2)

SC-3, 17 DEC 2009 to 14 JAN 2010

LOC I-CNW	APP CRS	Rwy Idg	8600
110.7	171°	TDZE	470
		Apt Elev	470

ILS or LOC RWY 17L

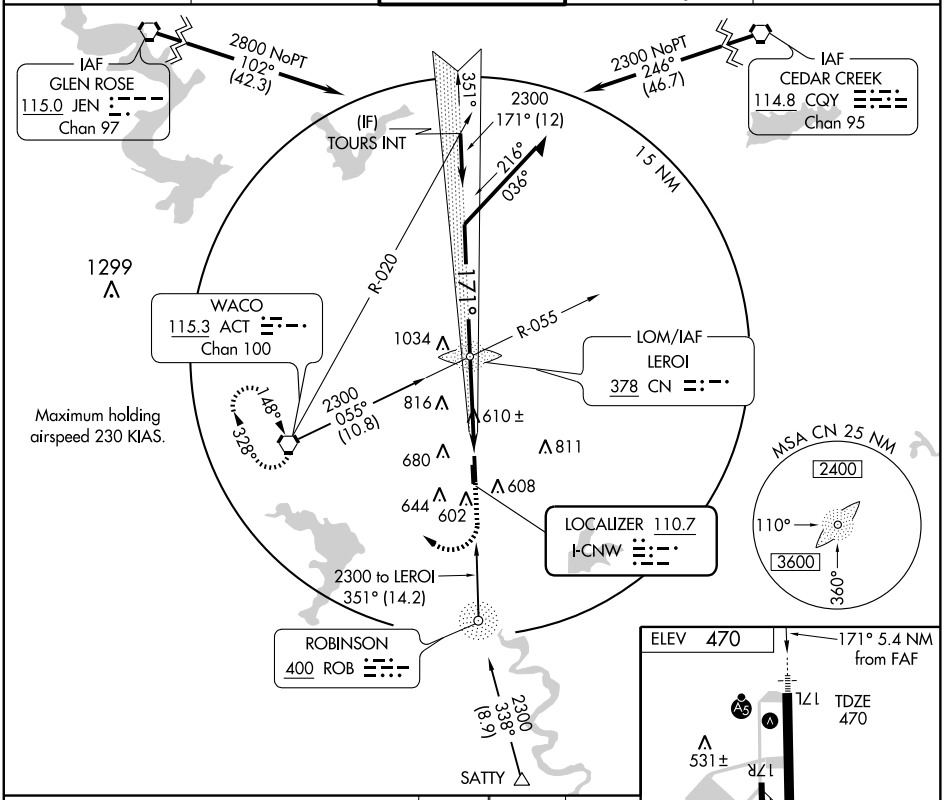
WACO/ TSTC WACO (CNW)

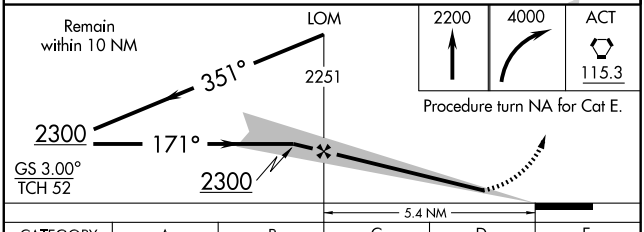
ASR — For inoperative MALSR, increase S-ILS 17L Cat E visibility to ¾, and S-LOC-17L Cat E to 1¼. When local altimeter setting not received, use Waco Rgnl altimeter setting and increase all DA 26 feet and all MDA 40 feet. Increase S-LOC 17L Cats C/D/E visibility ¼ mile and circling Cat E ¼ mile.

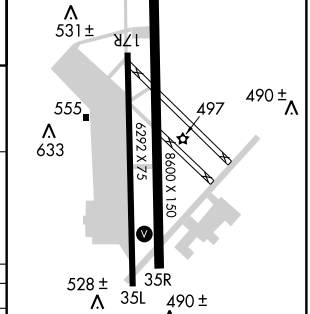
MALSR

MISSED APPROACH: Climb to 2200 then climbing right turn to 4000 direct ACT VORTAC and hold. (TACAN aircraft continue via ACT R-305 to IGORR/ACT 14 DME and hold S, RT, 305° inbound)

AWOS-3	WACO APP CON ★	TSTC TOWER ★	GND CON	UNICOM
134.225	135.2 227.125	124.0 (CTAF) 255.7	121.7 L	122.95







CATEGORY	A	B	C	D	E
S-ILS 17L	670-½ 200 (200-½)				
S-LOC 17L	860-½ 390 (400-½)			860-¾ 390 (400-¾)	
CIRCLING	940-1 470 (500-1)	960-1 490 (500-1)	1040-1½ 570 (600-1½)	1040-2 570 (600-2)	1180-2½ 710 (800-2½)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

SC-3, 17 DEC 2009 to 14 JAN 2010

NDB ROB	APP CRS	Rwy Idg	8600
400	352°	TDZE	461
		Apt Elev	470

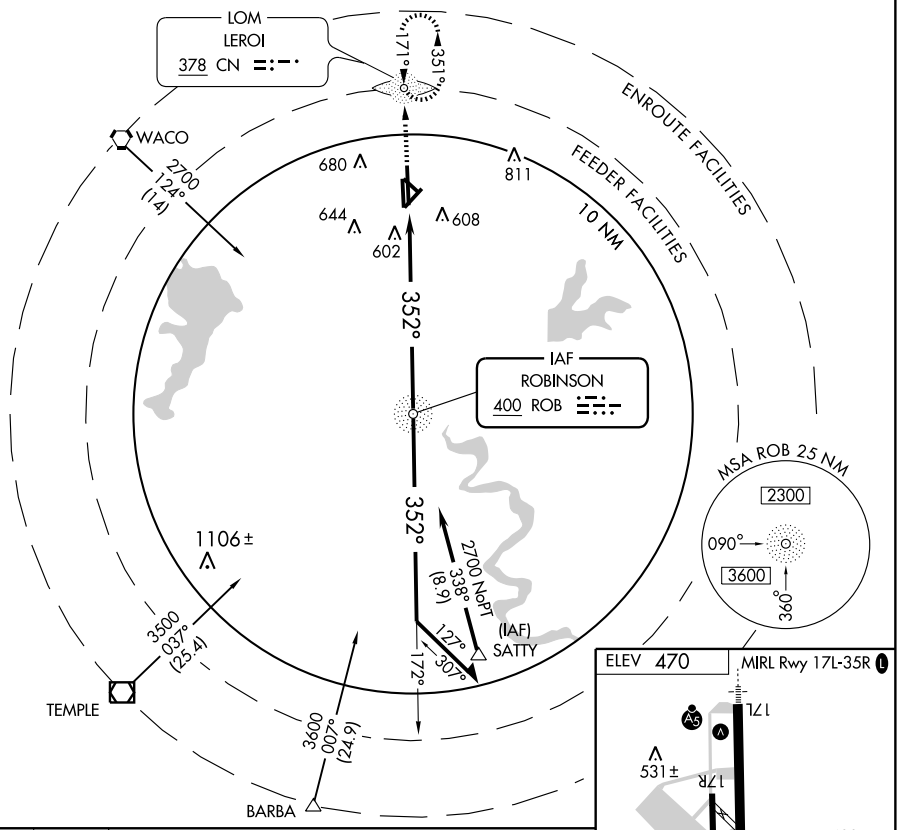
NDB RWY 35R

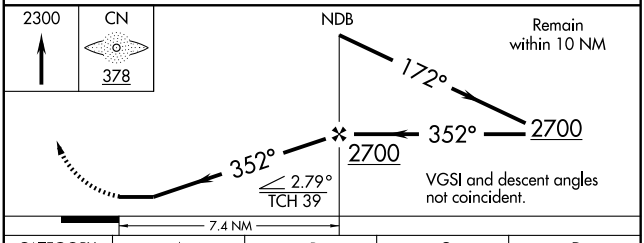
WACO/ TSTC WACO (CNW)

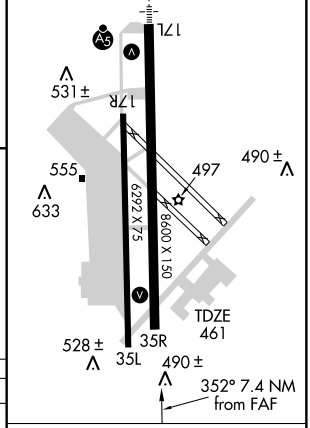
ASR

MISSED APPROACH: Climb to 2300 direct CN LOM and hold.

AWOS-3	WACO APP CON ★	TSTC TOWER ★	GND CON	UNICOM
134.225	135.2 227.125	124.0 (CTAF) 255.7	121.7	122.95







CATEGORY	A	B	C	D
S-35R	1020-1 559 (600-1)		1020-1½ 559 (600-1½)	1020-1¾ 559 (600-1¾)
CIRCLING	1020-1 550 (600-1)		1020-1½ 550 (600-1½)	1020-2 550 (600-2)

FAF to MAP 7.4 NM

Knots	60	90	120	150	180
Min:Sec	7:24	4:56	3:42	2:58	2:28

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5501
173°	TDZE	592
	Apt Elev	592

RNAV (GPS) RWY 17

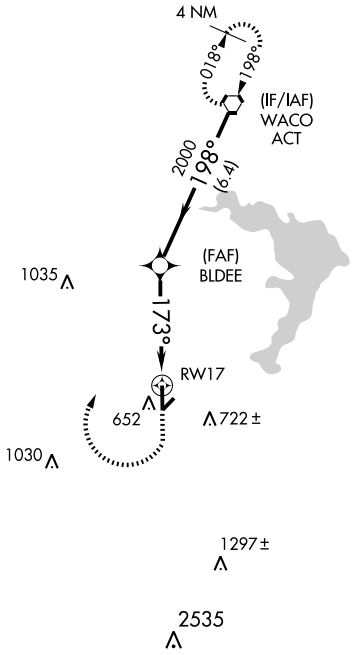
WACO/MC GREGOR EXECUTIVE (PWG)

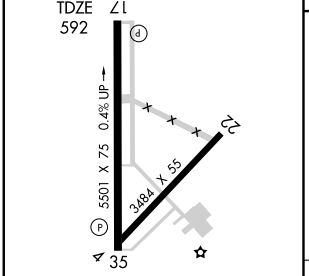
T NA ASR

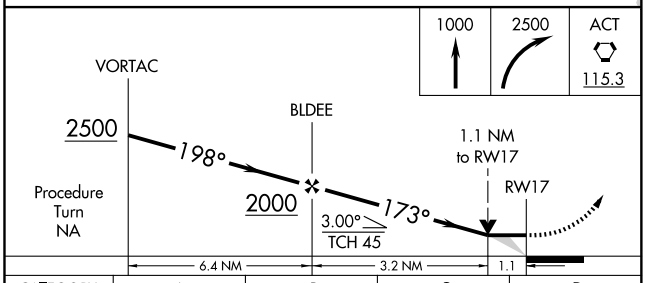
GPS or RNP-0.3 REQUIRED.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 1000 then climbing right turn to 2500 direct ACT VORTAC and hold.

AWOS-3	WACO APP CON ★	GCO	UNICOM
135.525	135.2 352.0	121.725	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	980-1 388 (400-1)			NA
CIRCLING	1020-1 428 (500-1)	1060-1 468 (500-1)	1060-1½ 468 (500-1½)	NA

MIRL Rwy 17-35 L

REIL Rwy 17

SC-3, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	5501
353°	TDZE	580
	Apt Elev	592

RNAV (GPS) RWY 35

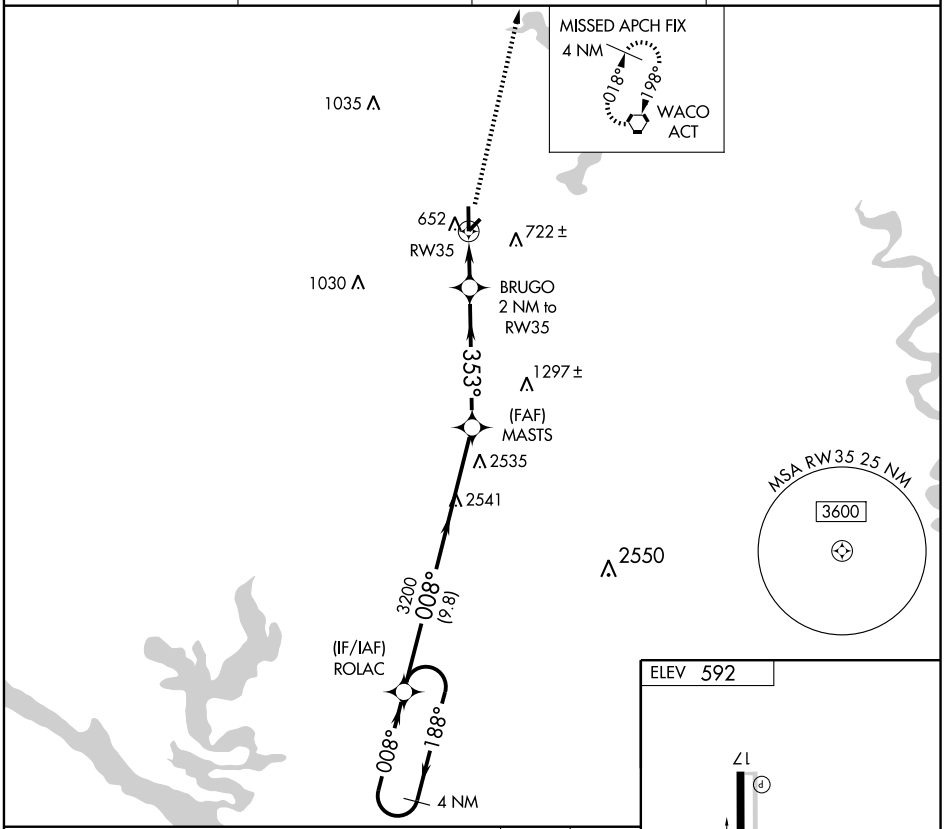
WACO/MC GREGOR EXECUTIVE (PWG)

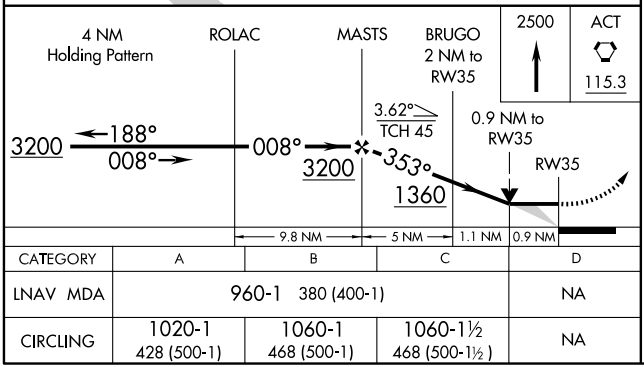
NA
ASR

GPS or RNP-0.3 REQUIRED.
DME/DME RNP-0.3 NA.

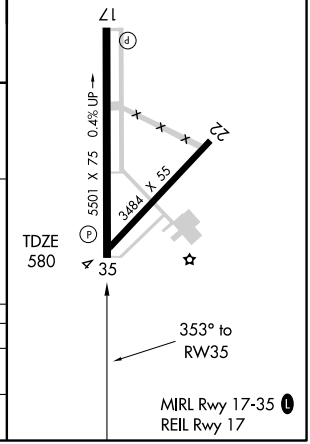
MISSED APPROACH: Climb to 2500 direct ACT VORTAC and hold.

AWOS-3	WACO APP CON ★	GCO	UNICOM
135.525	135.2 352.0	121.725	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	960-1 380 (400-1)			NA
CIRCLING	1020-1 428 (500-1)	1060-1 468 (500-1)	1060-1½ 468 (500-1½)	NA



SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC ACT	APP CRS	Rwy Idg	5501
115.3	185°	TDZE	592
Chan 100		Apt Elev	592

VOR RWY 17

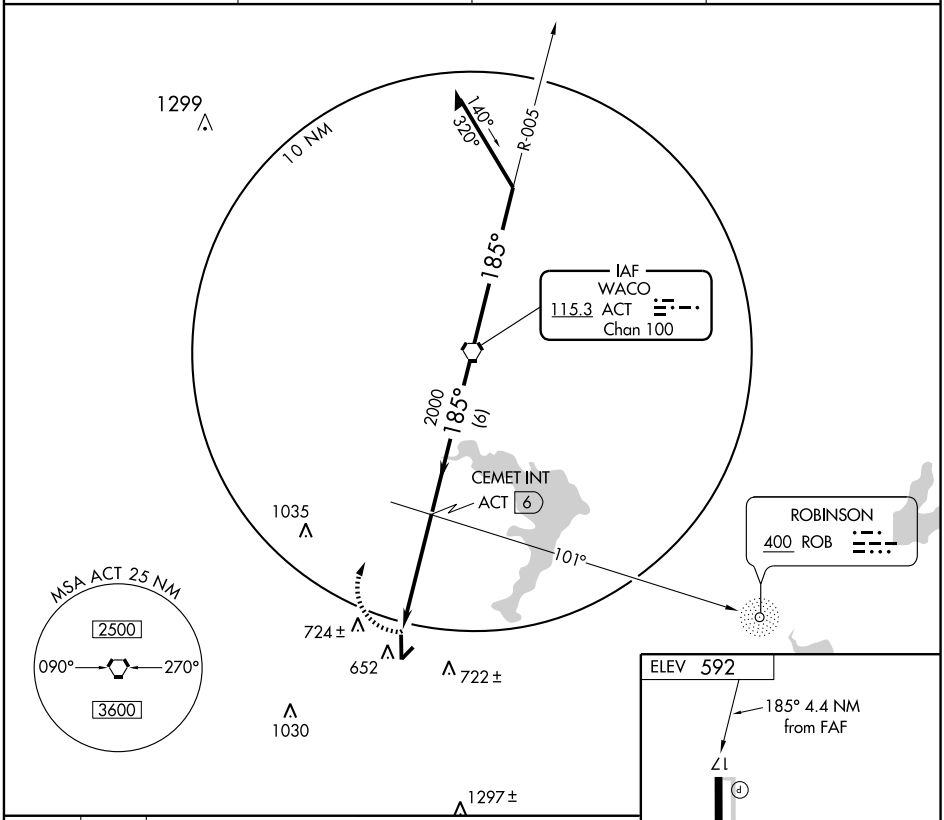
WACO/MC GREGOR EXECUTIVE (PWG)

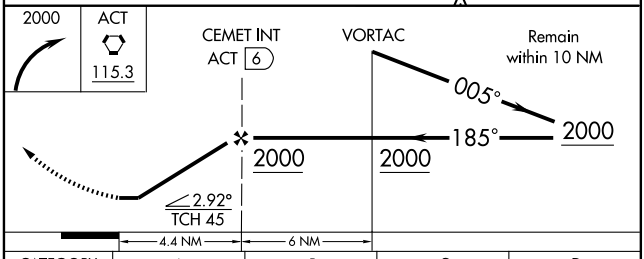
ASR

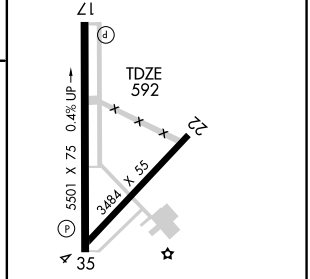
DME or ADF required.

MISSED APPROACH: Climbing right turn to 2000 direct ACT VORTAC.

AWOS-3	WACO APP CON ★	GCO	UNICOM
135.525	135.2 352.0	121.725	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-17	980-1 388 (400-1)			NA
CIRCLING	1040-1 448 (500-1)	1060-1 468 (500-1)	1060-1½ 468 (500-1½)	NA

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC MQP	APP CRS	Rwy Idg	N/A
117.7	077°	TDZE	N/A
Chan 124		Apt Elev	990

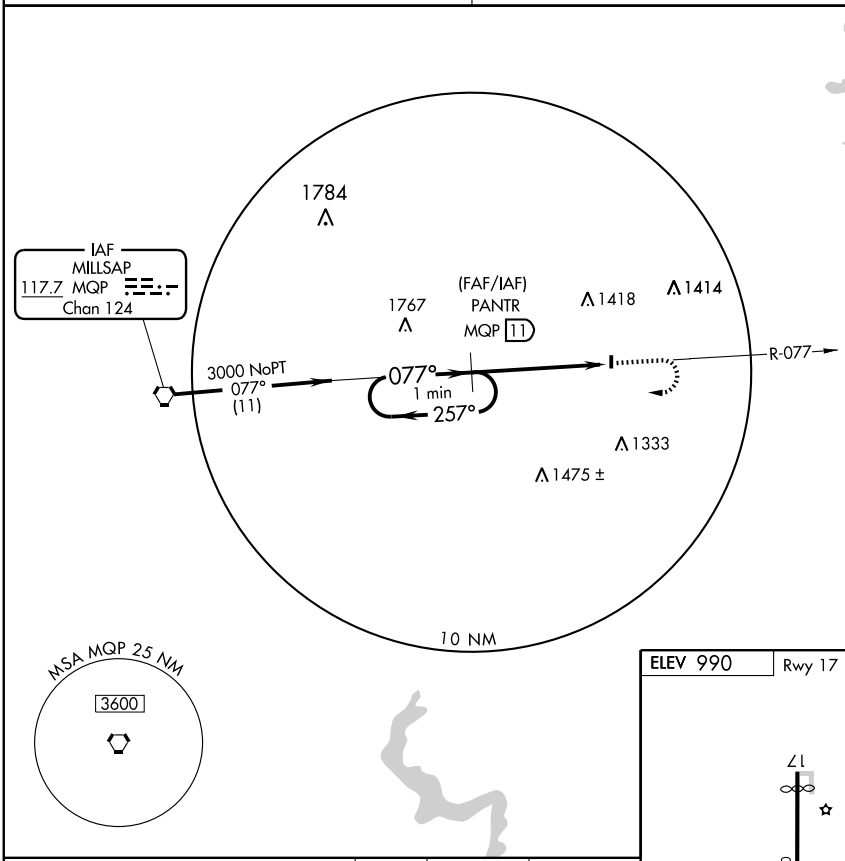
VOR/DME-A

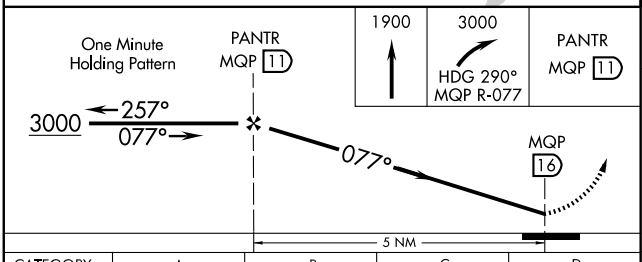
WEATHERFORD/PARKER COUNTY (WEA)

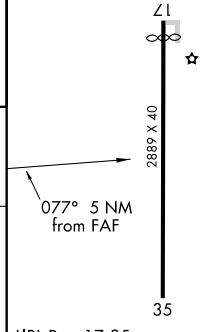
⚠ NA Use Fort Worth Meacham altimeter setting.

MISSED APPROACH: Climb to 1900 then climbing right turn to 3000 via heading 290° and MQP R-077 to PANTR and hold.

REGIONAL APP CON	UNICOM
135.975 379.9	122.7 (CTAF)







CATEGORY	A	B	C	D
CIRCLING	1680-1 690 (700-1)		1680-2 690 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010

APP CRS	Rwy Idg	4828
134°	TDZE	70
	Apt Elev	70

GPS RWY 13

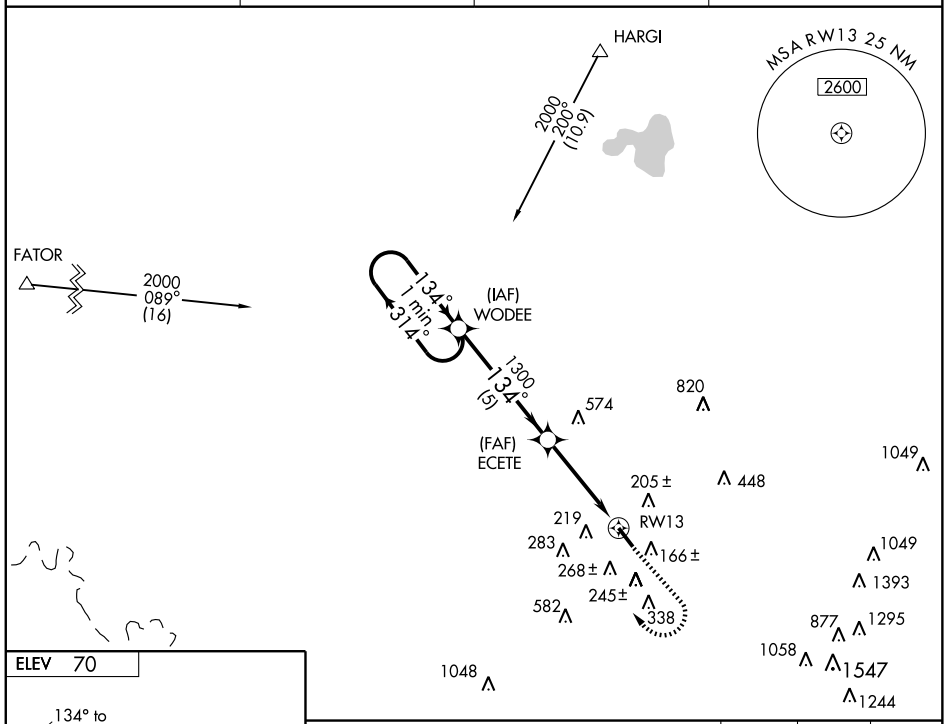
WESLACO/MID VALLEY (T65)

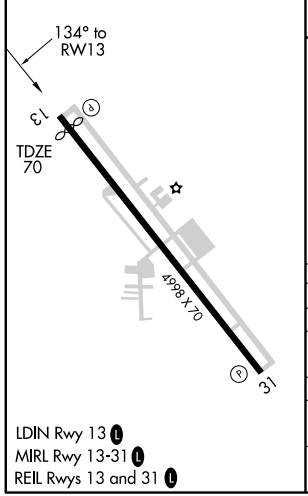
NA Obtain local altimeter setting on CTAF; when not received, use McAllen Miller Intl altimeter setting.

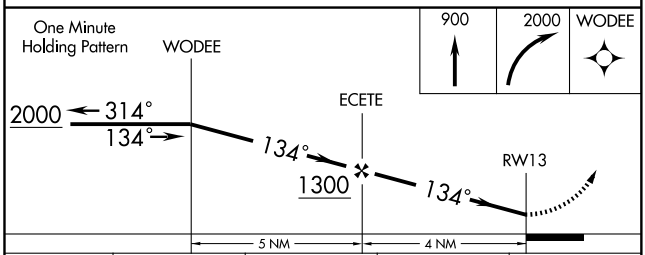
ODALS

MISSED APPROACH: Climb to 900, then climbing right turn to 2000 direct WODEE and hold.

AWOS-3	VALLEY APP CON	CLNC DEL	UNICOM
118.575	121.0 284.7	125.95	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-13	440-1 370 (400-1)			NA
CIRCLING	620-1 550 (600-1)		620-1½ 550 (600-1½)	NA
	MC ALLEN MILLER INTL ALTIMETER SETTING MINIMUMS			
S-13	480-1 410 (500-1)		480-1¼ 410 (500-1¼)	NA
CIRCLING	660-1 590 (600-1)		660-1½ 590 (600-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME MFE	APP CRS	Rwy Idg	N/A
117.2	080°	TDZE	N/A
Chan 119		Apt Elev	70

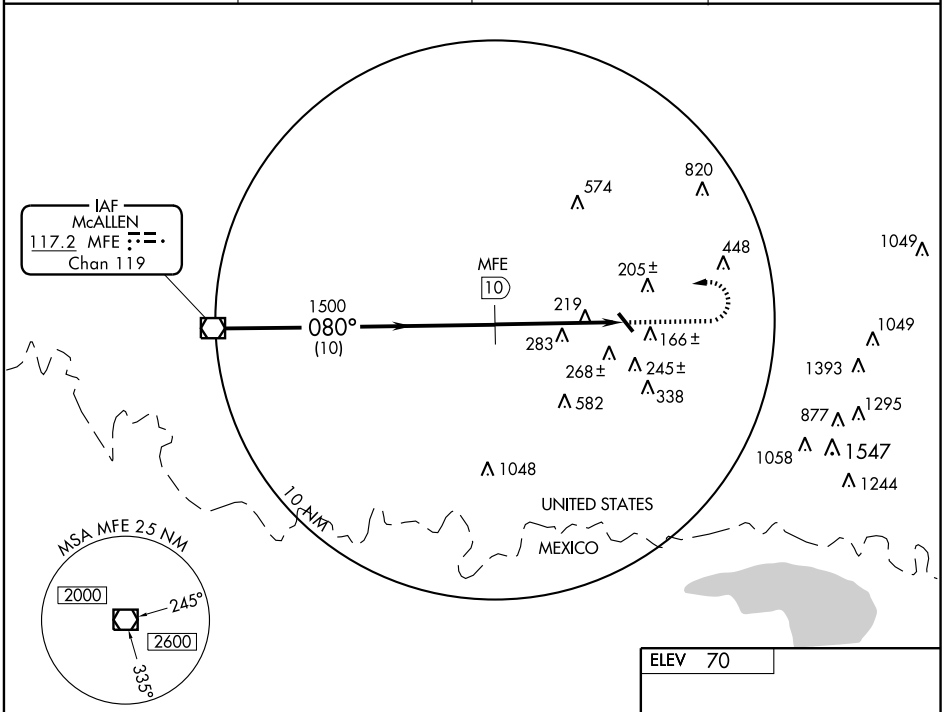
VOR/DME-A

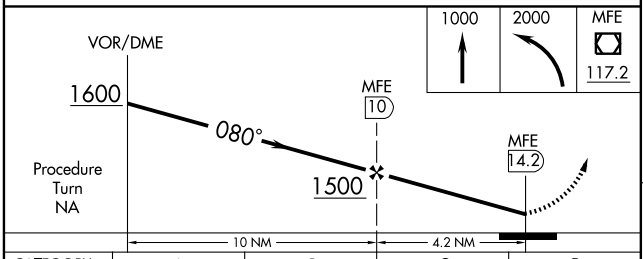
WESLACO/MID VALLEY (T65)

NA Obtain local altimeter setting on CTAF; when not received, use McAllen Miller Intl altimeter setting.

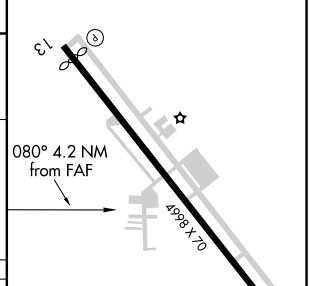
MISSED APPROACH: Climb to 1000, then climbing left turn to 2000 direct MFE VOR/DME.

AWOS-3	VALLEY APP CON	CLNC DEL	UNICOM
118.575	121.0 284.7	125.95	122.8 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	620-1 550 (600-1)		620-1½ 550 (600-1½)	NA
MC ALLEN MILLER INTL ALTIMETER SETTING MINIMUMS				
CIRCLING	660-1 590 (600-1)		660-1½ 590 (600-1½)	NA



LDIN Rwy 13 L
MIRL Rwy 13-31 L
REIL Rwys 13 and 31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

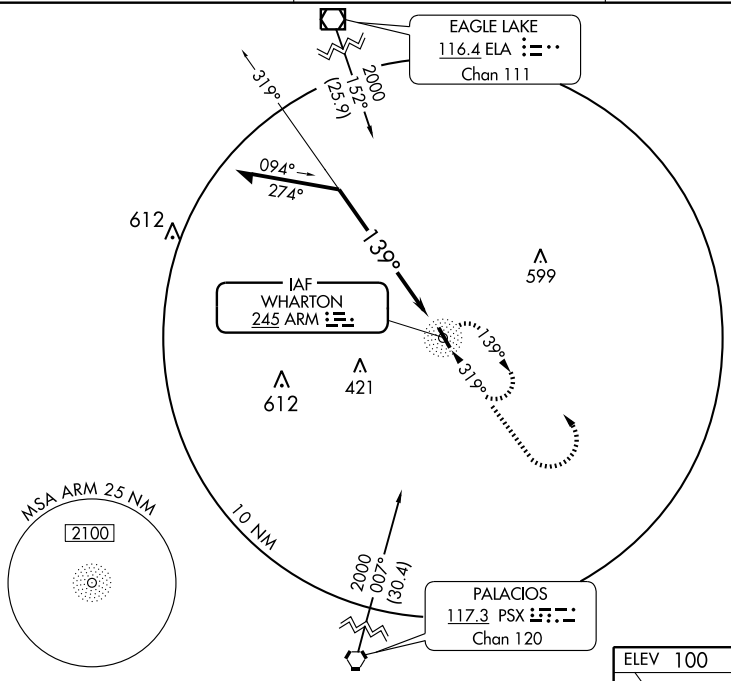
NDB ARM	APP CRS		
245	139°	Rwy Idg	5004
		TDZE	100
		Apt Elev	100

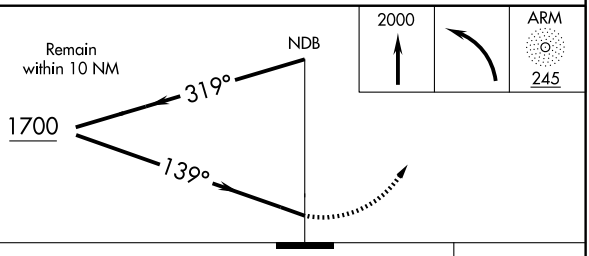
NDB RWY 14
WHARTON RGNL (ARM)

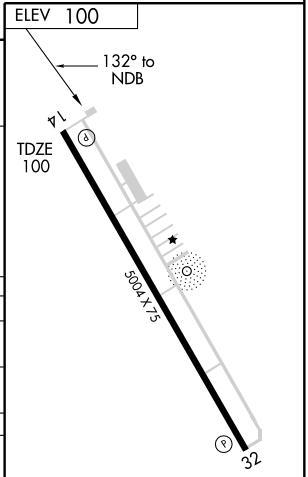
NA — Obtain local altimeter setting on CTAF; when not received use Victoria altimeter setting.

MISSED APPROACH: Climb to 2000 then left turn to ARM NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L







MIRL Rwy 14-32 L

CATEGORY	A	B	C	D
S-14	560- 1	460 (500-1)	560- 1¼ 460 (500-1¼)	NA
CIRCLING	560- 1	460 (500-1)	560- 1½ 460 (500-1½)	NA
VICTORIA ALTIMETER SETTING MINIMUMS				
S-14	660- 1	560 (600-1)	660- 1½ 560 (600-1½)	NA
CIRCLING	660- 1	560 (600-1)	660- 1½ 560 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

NDB ARM	APP CRS		
245	332°	Rwy Idg	5004
		TDZE	100
		Apt Elev	100

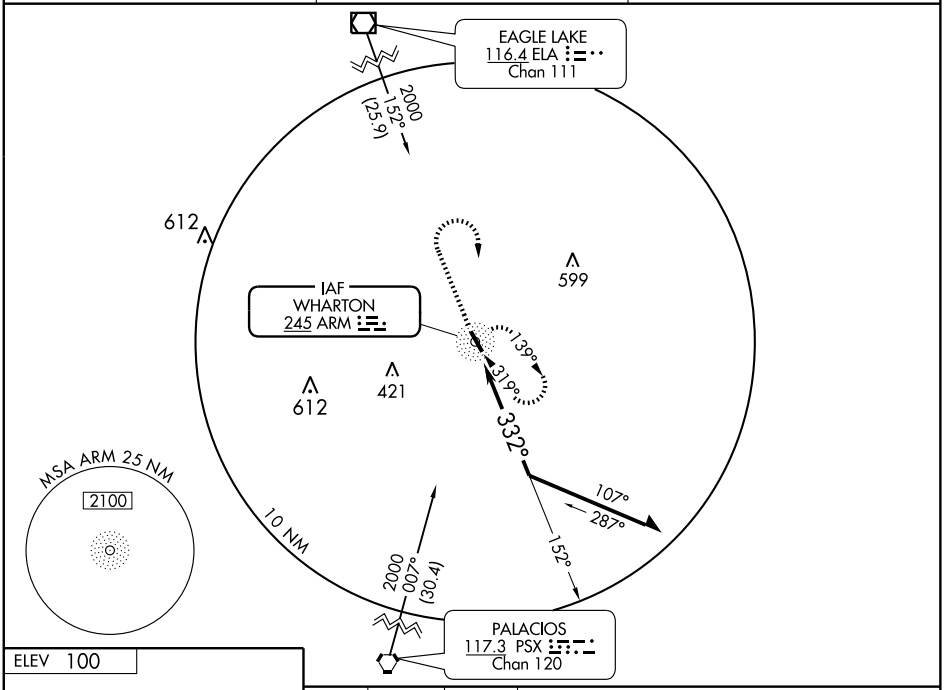
NDB RWY 32
WHARTON RGNL (ARM)

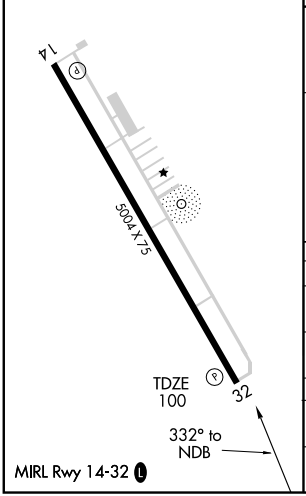
Obtain local altimeter setting on CTAF; when not received use Victoria Regional altimeter setting.

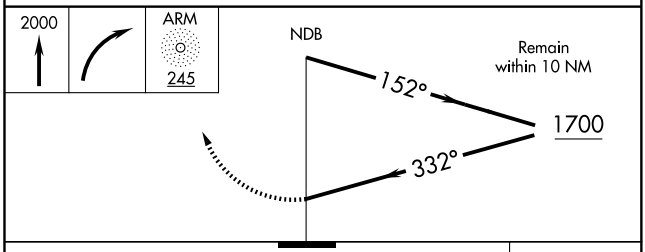
NA

MISSED APPROACH: Climb to 2000 then right turn direct ARM NDB and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-32	560-1	460 (500-1)	560-1¼ 460 (500-1¼)	NA
CIRCLING	560-1	460 (500-1)	560-1½ 460 (500-1½)	NA
VICTORIA ALTIMETER SETTING MINIMUMS				
S-32	680-1	580 (600-1)	680-1½ 580 (600-1½)	NA
CIRCLING	680-1	580 (600-1)	680-1½ 580 (600-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

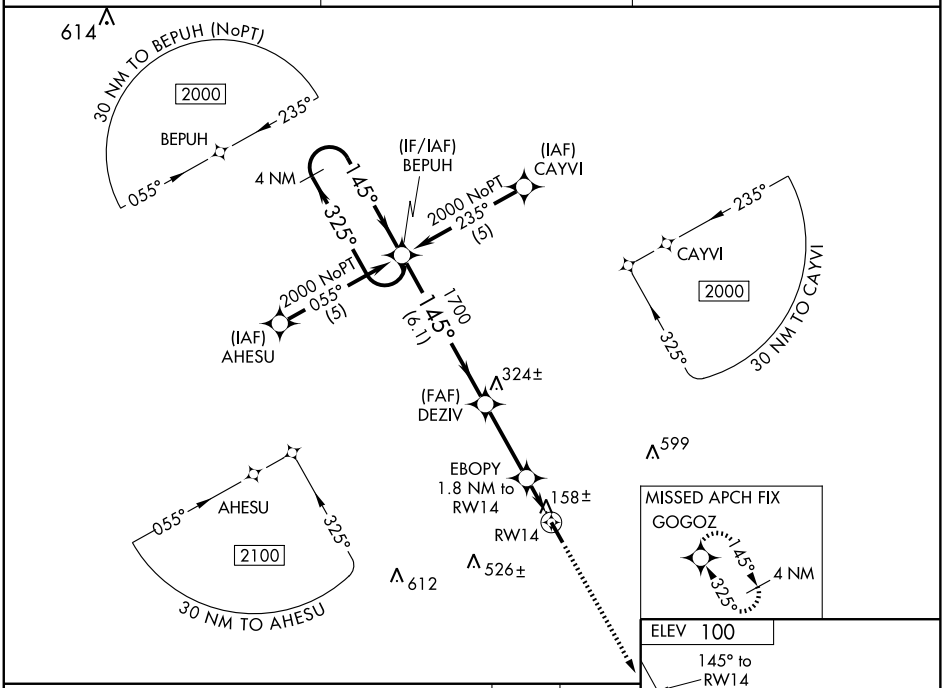
WAAS	APP CRS	Rwy Idg	5004
CH 77714	145°	TDZE	100
W14A		Apt Elev	100

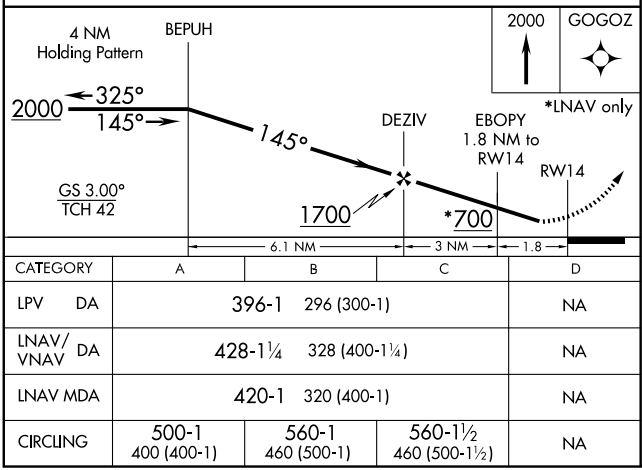
RNAV (GPS) RWY 14
WHARTON RGNL (ARM)

T A Baro-VNAV NA when using Victoria altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Victoria altimeter setting and increase all DA 110 feet and all MDA 120 feet, increase LPV visibility ½ mile all Cats, LNAV/VNAV visibility ¼ mile all Cats, LNAV Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2000 direct GOGOZ and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	396-1	296 (300-1)		NA
LNAV/VNAV DA	428-1¼	328 (400-1¼)		NA
LNAV MDA	420-1	320 (400-1)		NA
CIRCLING	500-1 400 (400-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	NA

MIRL Rwy 14-32 L

WAAS	APP CRS	Rwy Idg	5004
CH 58114	325°	TDZE	99
W32A		Apt Elev	100

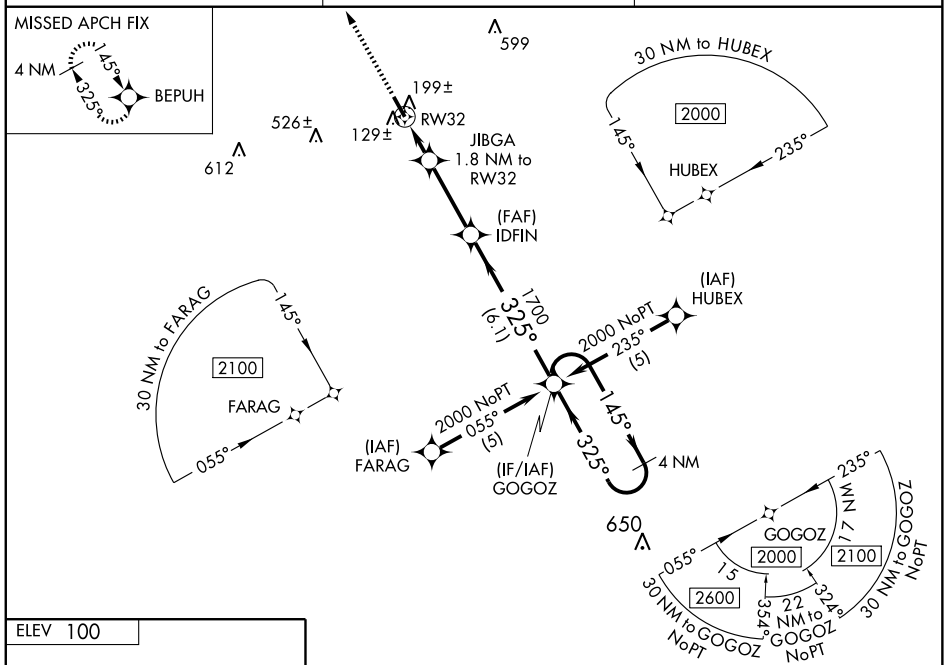
RNAV (GPS) RWY 32

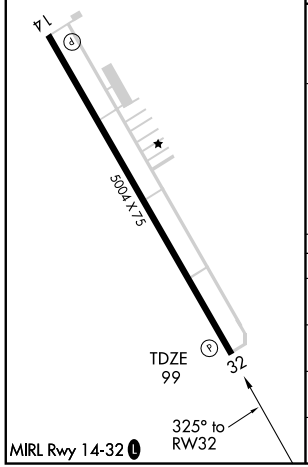
WHARTON RGNL (ARM)

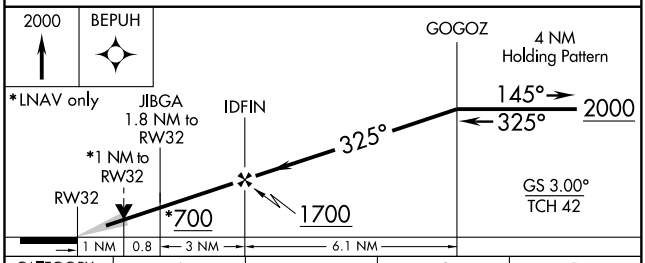
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Victoria altimeter setting and increase all DA 110 feet and all MDA 120 feet, increase LPV visibility ¼ mile all Cats, LNAV/VNAV visibility ½ mile all Cats, LNAV Cat C visibility ¼ mile. VDP and Baro-VNAV NA when using Victoria altimeter setting.

MISSED APPROACH: Climb to 2000 direct BEPUH and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	349-1	250 (300-1)		NA
LNAV/VNAV DA	399-1	300 (300-1)		NA
LNAV MDA	460-1	361 (400-1)		NA
CIRCLING	500-1 400 (400-1)	560-1 460 (500-1)	560-1½ 460 (500-1½)	NA

SC-5, 17 DEC 2009 to 14 JAN 2010

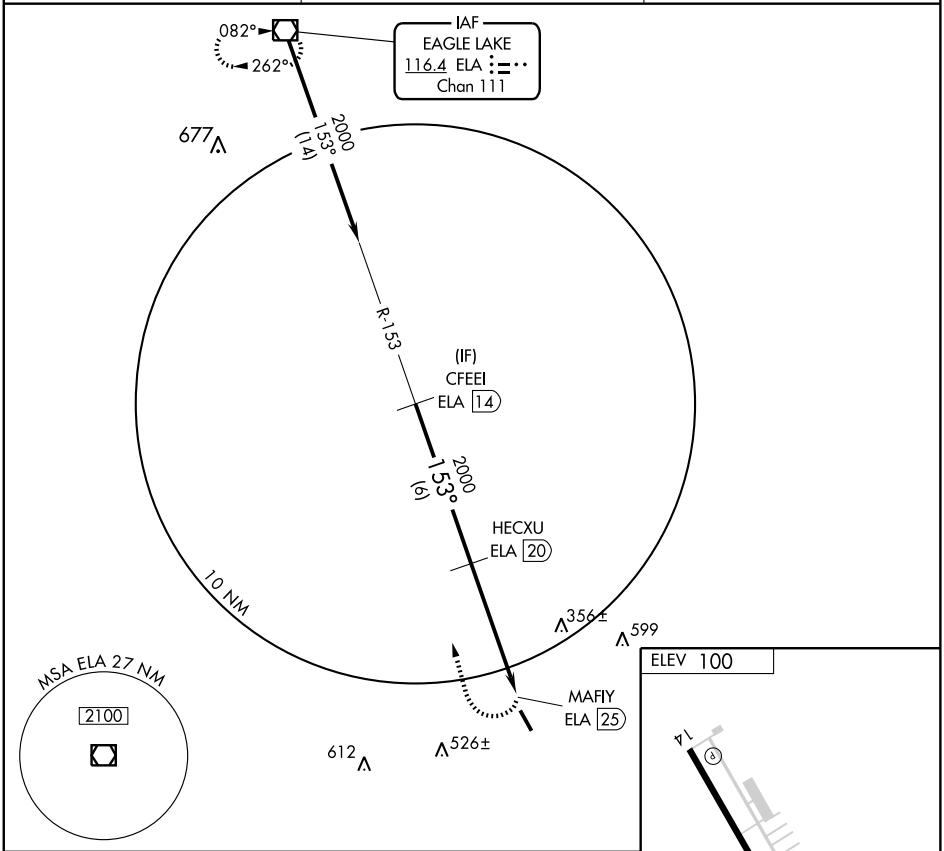
VOR/DME ELA	APP CRS	Rwy Idg	N/A
116.4	153°	TDZE	N/A
Chan 111		Apt Elev	100

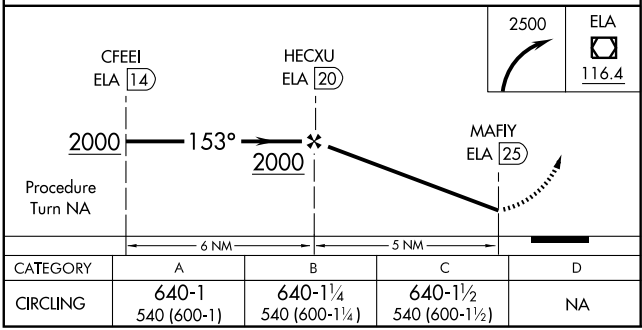
VOR/DME-A
WHARTON RGNL (ARM)

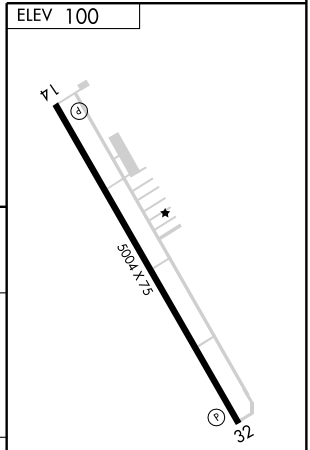
T A When local altimeter setting not received, use Victoria altimeter setting and increase all MDA 120 feet, increase Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2500 direct ELA VOR/DME and hold.

AWOS-3	HOUSTON CENTER	UNICOM
118.475	128.6 360.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	640-1 540 (600-1)	640-1¼ 540 (600-1¼)	640-1½ 540 (600-1½)	NA

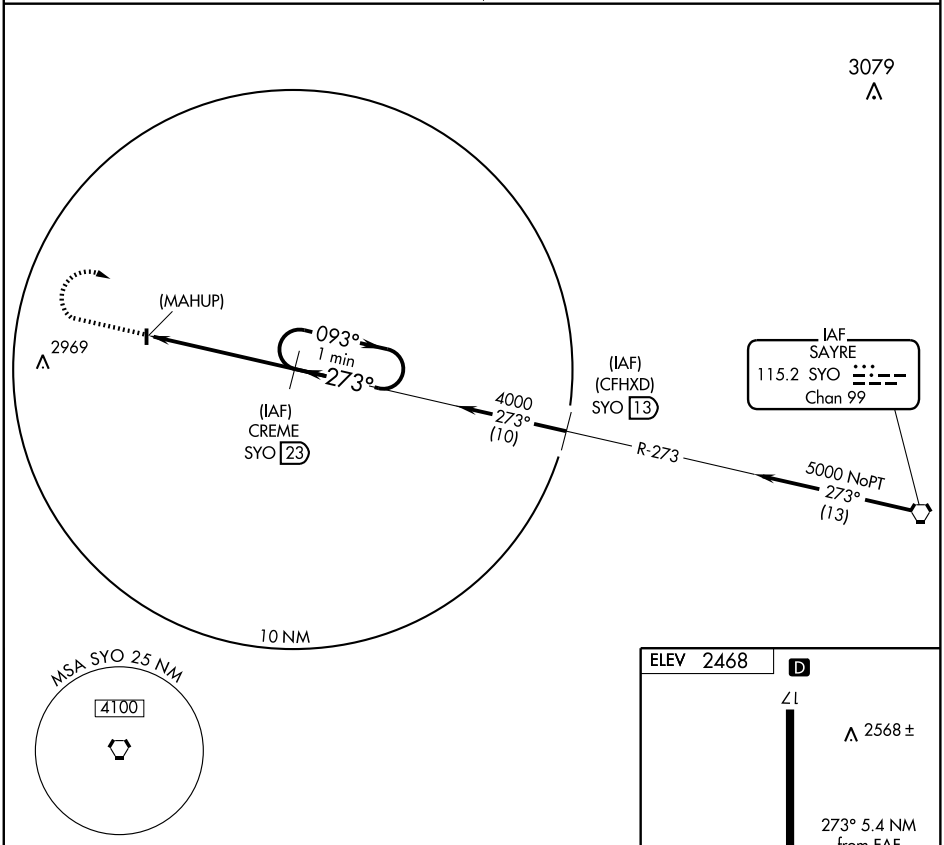
MIRL Rwy 14-32 L

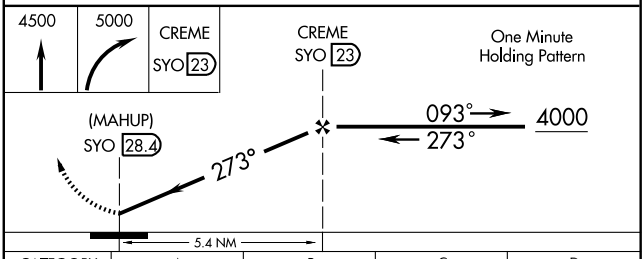
VORTAC SYO 115.2 Chan 99	APP CRS 273°	Rwy Idg N/A TDZE N/A Apt Elev 2468

VOR/DME or GPS-A

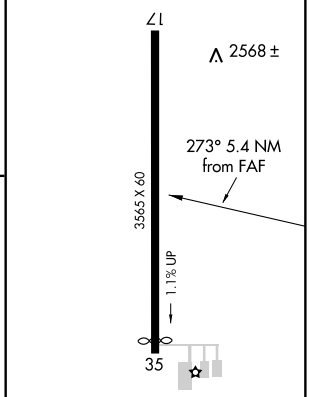
WHEELER MUNI (T59)

⚠ NA Use Clinton-Sherman altimeter setting; if not received, procedure not authorized.	MISSED APPROACH: Climb to 4500 then climbing right turn to 5000 direct CREME and hold.
ALBUQUERQUE CENTER **127.85 285.475**	CTAF **122.9**





CATEGORY	A	B	C	D
CIRCLING	3100-1	632 (700-1)	3100-1¾ 632 (700-1¾)	NA



LIRL Rwy 17-35

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB SKB	APP CRS	Rwy Idg	4200
344	350°	TDZE	998
		Apt Elev	1003

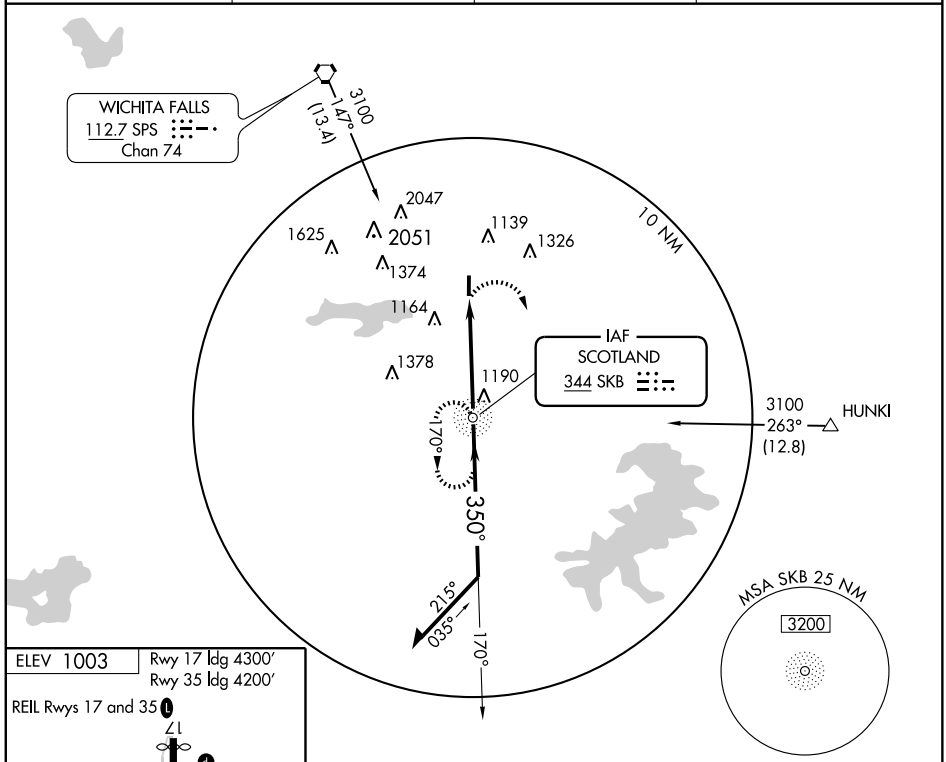
NDB RWY 35

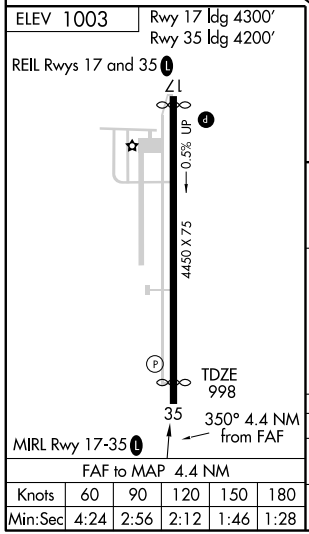
WICHITA FALLS/ KICKAPOO DOWNTOWN (CWC)

Use Sheppard AFB/Wichita Falls Muni altimeter setting.
NA

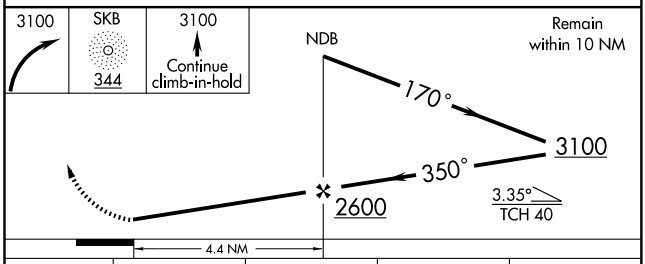
MISSED APPROACH: Climbimg right turn to 3100 direct SKB NDB and hold. Continue climb-in-hold to 3100.

AWOS-3	SHEPPARD APP CON ★	CLNC DEL	UNICOM
119.625	120.4 269.025	121.2	122.7 (CTAF) L





FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28



CATEGORY	A	B	C	D
S-35	1520-1	522 (600-1)	1520-1½ 522 (600-1½)	NA
CIRCLING	1520-1	517 (600-1)	1520-1½ 517 (600-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB SKB	APP CRS	Rwy ldg	4200
344	353°	TDZE	998
		Apt Elev	1003

RNAV (GPS) RWY 35

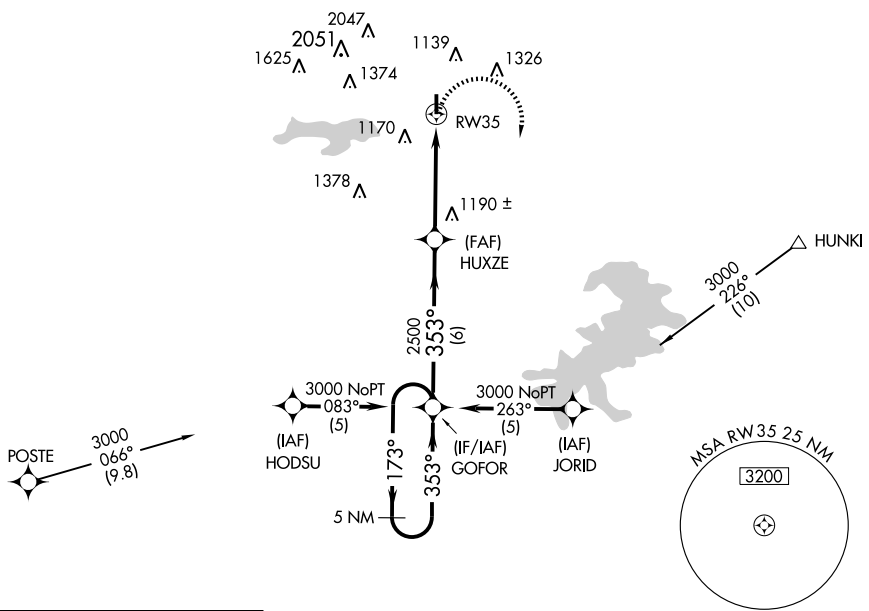
WICHITA FALLS/ KICKAPOO DOWNTOWN (CWC)

Use Sheppard AFB/Wichita Falls Muni altimeter setting. DME/DME RNP-0.3 not authorized.

NA

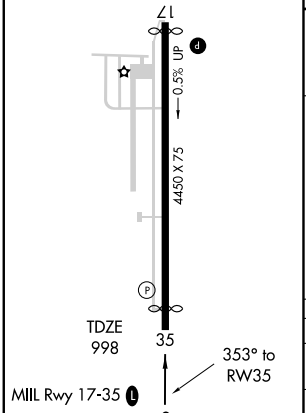
MISSED APPROACH: Climbing right turn to 3000 direct GOFOR and hold.

AWOS-3	SHEPPARD APP CON ★	CLNC DEL	UNICOM
119.625	120.4 269.025	121.2	122.7 (CTAF) L

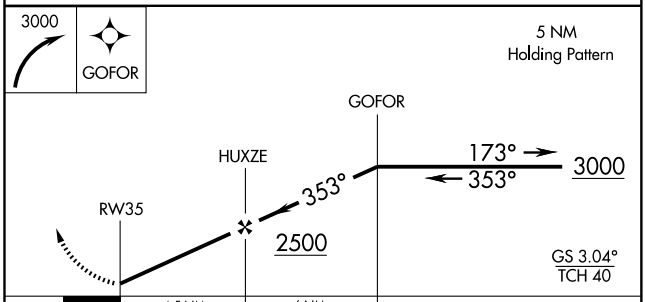


ELEV 1003

Rwy 17 ldg 4300
Rwy 35 ldg 4200



Procedure not authorized for arrivals at POSTE via V77 southwest bound.
Procedure not authorized for arrivals at POSTE via V278 westbound.



CATEGORY	A	B	C	D
LNAV MDA	1460-1	462 (500-1)	1460-1¼ 462 (500-1¼)	NA
CIRCLING	1500-1	497 (500-1)	1500-1½ 497 (500-1½)	NA

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC SPS	APP CRS	Rwy Idg	N/A
112.7	196°	TDZE	N/A
Chan 74		Apt Elev	1005

VOR-B

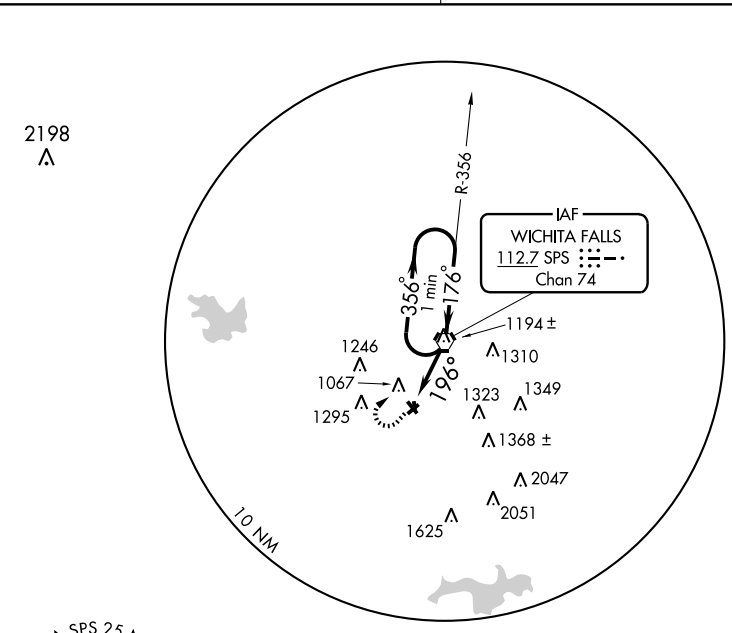
WICHITA FALLS/ WICHITA VALLEY (F14)

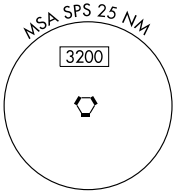
Use Sheppard AFB/Wichita Falls Muni, TX altimeter setting; If not received, use Frederick Rgnl altimeter setting and increase all MDAs 100 feet. Circling to Rwy 4-22 and 16-34 NA.

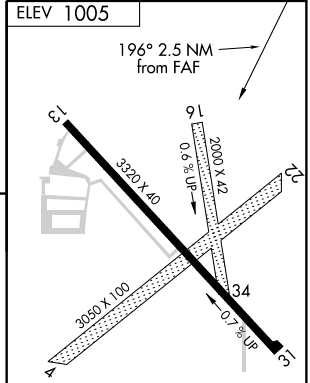
NA

MISSED APPROACH: Climbing right turn to 2400 direct SPS VORTAC and hold.

SHEPPARD APP CON *	UNICOM
118.2 292.3	122.8 (CTAF)

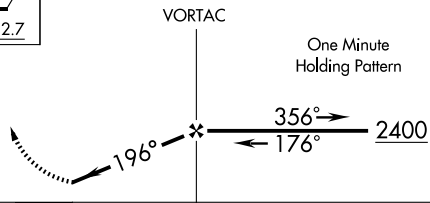






LIRL Rwy 13-31

2400	SPS
	112.7



CATEGORY	A	B	C	D
CIRCLING	1520-1	515 (600-1)	1680-2	NA
			675 (700-2)	

FAF to MAP 2.5 NM

Knots	60	90	120	150	180
Min:Sec	2:30	1:40	1:15	1:00	0:50

SC-2, 17 DEC 2009 to 14 JAN 2010

VORTAC SPS	APP CRS	Rwy Idg	N/A
112.7	015°	TDZE	N/A
Chan 74		Apt Elev	1005

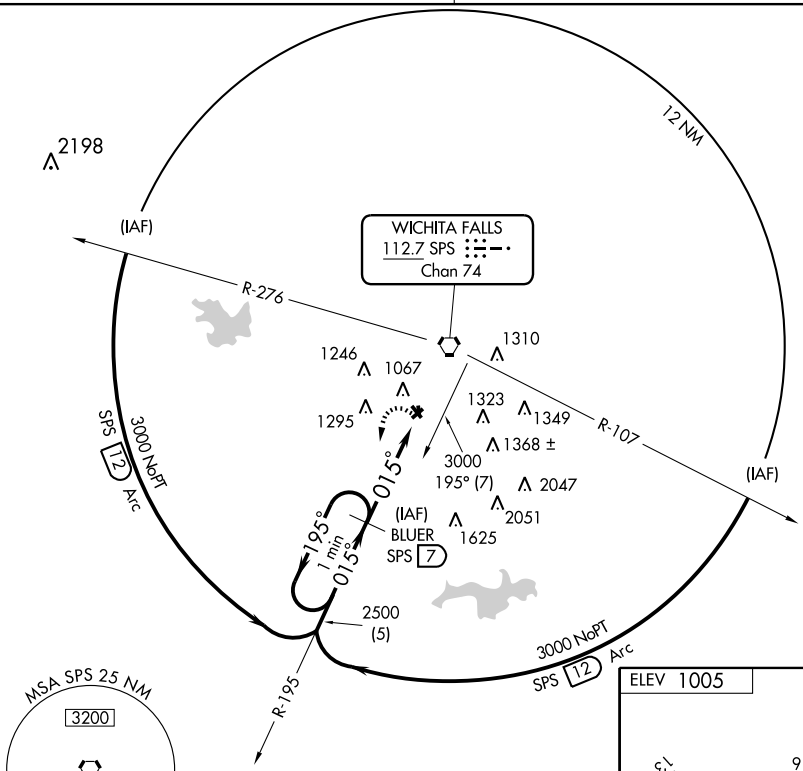
VOR/DME-C

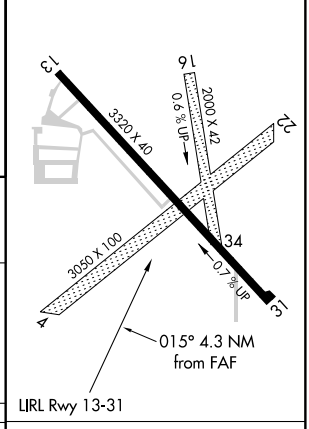
WICHITA FALLS/ WICHITA VALLEY (F14)

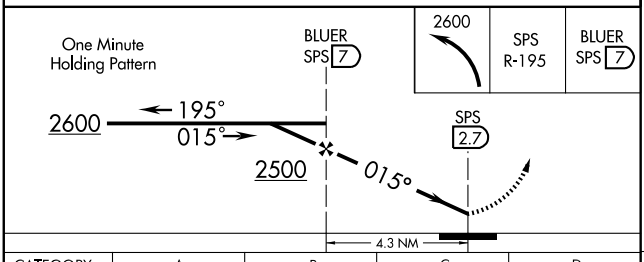
Use Sheppard AFB / Wichita Falls Muni, TX altimeter setting.

MISSED APPROACH: Climbing left turn to 2600 via SPS R-195 to BLUER 7 DME and hold.

SHEPPARD APP CON ★	UNICOM
118.2 292.3	122.8 (CTAF)





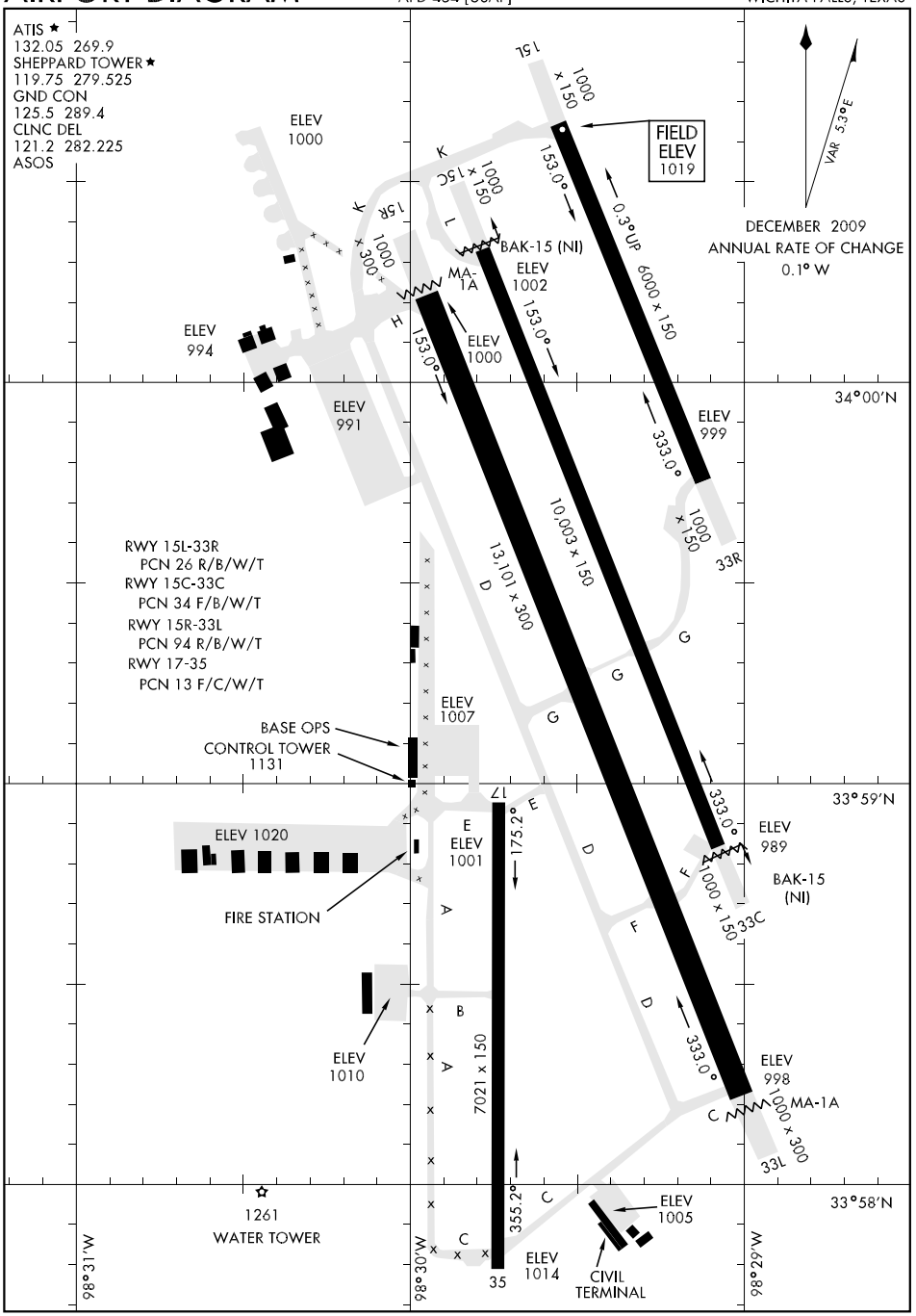


2600	SPS R-195	BLUER SPS 7

CATEGORY	A	B	C	D
CIRCLING	1460-1 455 (500-1)		1680-2 675 (700-2)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-2, 17 DEC 2009 to 14 JAN 2010



SC-2, 17 DEC 2009 to 14 JAN 2010

HI-ILS or LOC/DME RWY 33L

LOC I-SPS	APCH CRS	Rwy ldg 13,101 TDZE 1000 Arpt Elev 1019
109.7	330°	JAL-454 [USAF]

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

* When ALS inop, increase CAT CDE vis to ¾ mile.
** When ALS inop, increase CAT CD vis to 1 mile, CAT E vis to 1¼ miles.

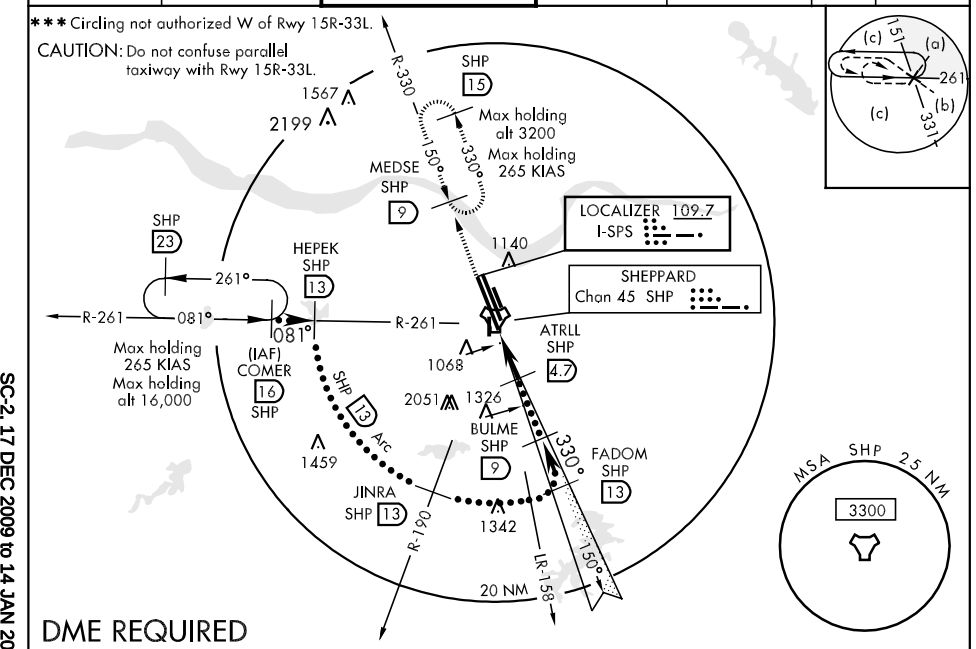
MALSR (A5)

MISSED APPROACH: Climb and maintain 3200 intercept SHP TACAN R-330 to SHP R-330/9 DME (MEDSE) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

★★★ Circling not authorized W of Rwy 15R-33L.

CAUTION: Do not confuse parallel taxiway with Rwy 15R-33L.

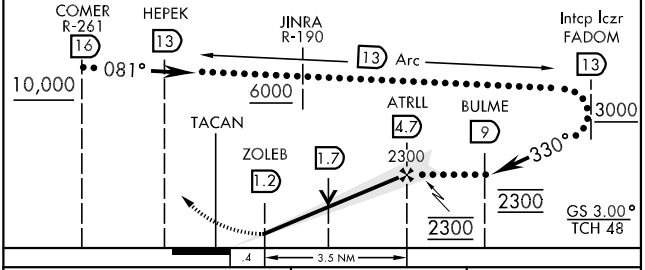


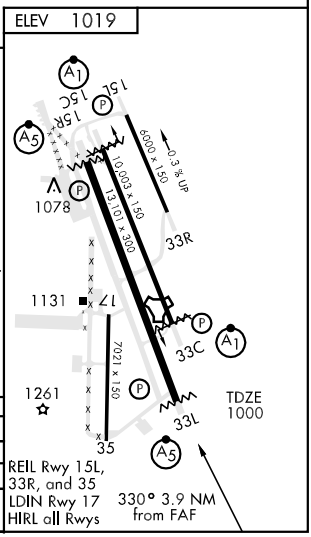
DME REQUIRED

EMERG SAFE ALT 100 NM 4600

3200 Intcp SHP R-330	MEDSE SHP R-330 9

VGSI and Descent Angle not coincident.





REIL Rwy 15L, 33R, and 35
LDIN Rwy 17
HIRL all Rwys

330° 3.9 NM from FAF

CATEGORY	C	D	E
S-ILS 33L ★	1200-½	200	(200-½)
S-LOC 33L★★	1340- ¾	340	(400-¾)
CIRCLING ★★★	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061 (1100-3)

HI-TACAN RWY 15C

TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev	JAL-454 [USAF]
SHP Chan 45	149°	10,003 / 1003 / 1019	WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

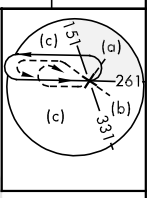
▼* When ALS inop, INCR CAT CD vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 15R-33L.

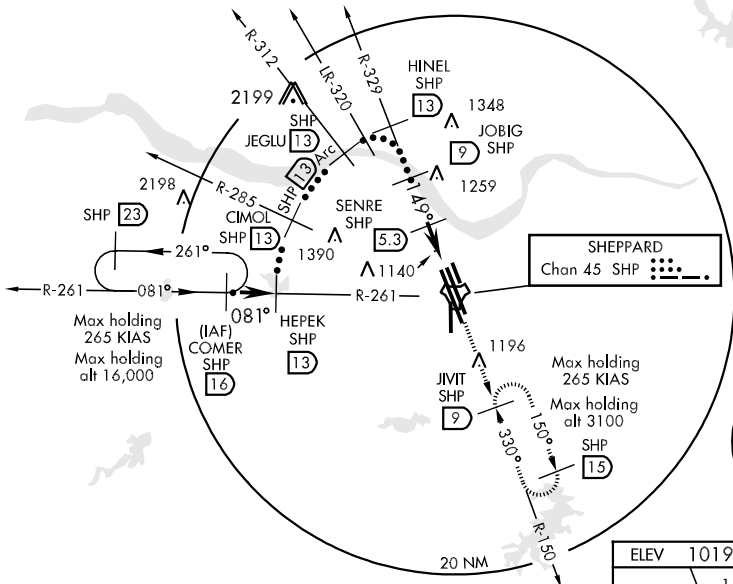
ALSF-1

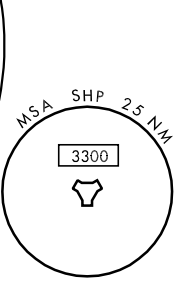
MISSED APPROACH: Climb and maintain 3100 intercept SHP TACAN R-150 to SHP R-150/9 DME (JIVIT) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

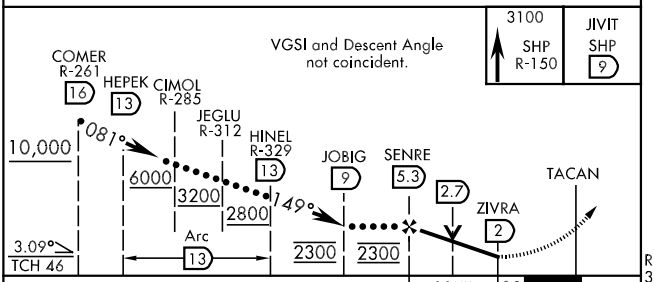
CAUTION: Do not confuse parallel taxiway with Rwy 15R-33L.

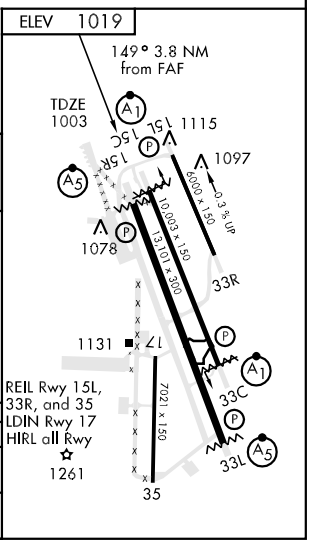






EMERG SAFE ALT 100 NM 4600





CATEGORY	C	D	E
S-15C *	1420-¾ 417 (500-¾)		1420-1 417 (500-1)
CIRCLING **	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061 (1100-3)

HI-TACAN RWY 33C

TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev	JAL-454 [USAF]
SHP Chan 45	326°	10,003 / 989 / 1019	WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

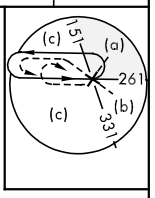
▼ * When ALS inop, increase CAT C vis to 1 mile, CAT DE vis to 1¼ miles.
** Circling not authorized W of Rwy 15R-33L.

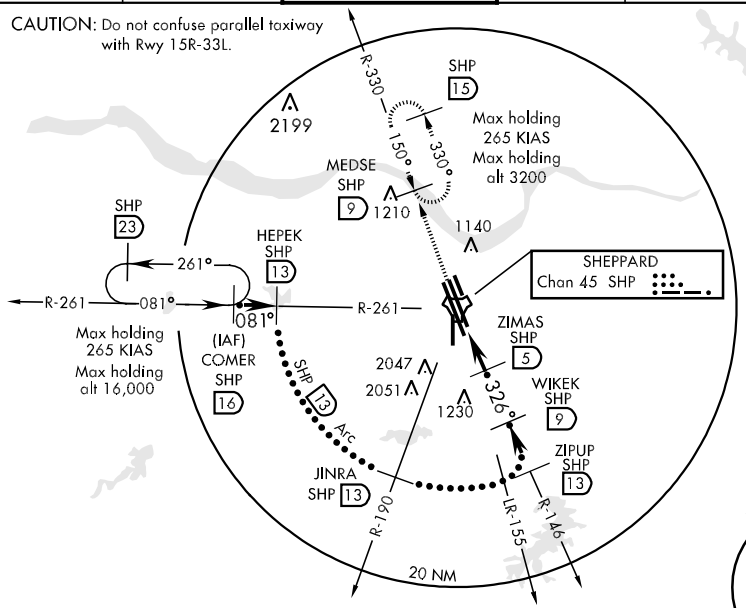
ALSF-1 (A1)

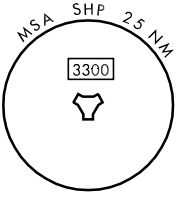
MISSED APPROACH: Climb and maintain 3200 intercept SHP TACAN R-330 to SHP R-330/9 DME (MEDSE) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

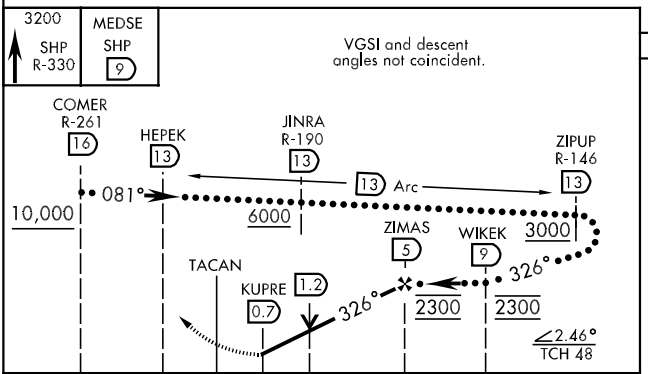
CAUTION: Do not confuse parallel taxiway with Rwy 15R-33L.

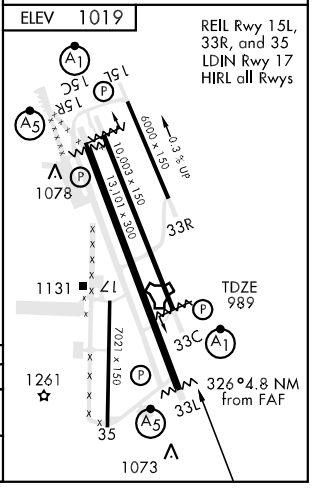






EMERG SAFE ALT 100 NM 4600





CATEGORY	C	D	E
S-33C *	1360-¾ 371 (400-¾)		
CIRCLING **	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061 (1100-3)

HI-TACAN Z RWY 15R

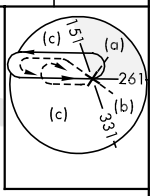
TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev	JAL-454 [USAF]
SHP Chan 45	144°	13,101 / 998 / 1019	WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

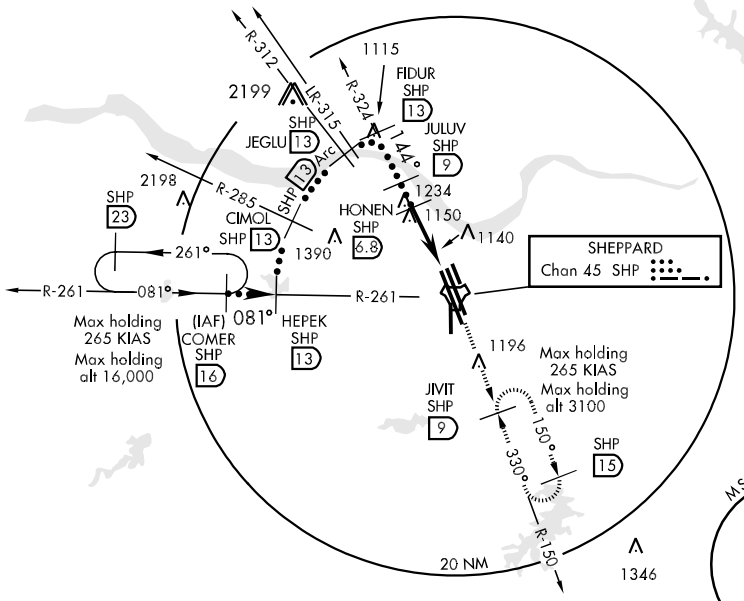
▼ * When ALS inop, increase CAT CD vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 15R-33L.

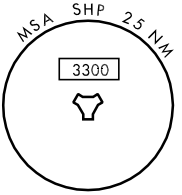
MALSR (A5)

MISSED APPROACH: Climb and maintain 3100 intercept SHP TACAN R-150 to SHP R-150/9 DME (JIVIT) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

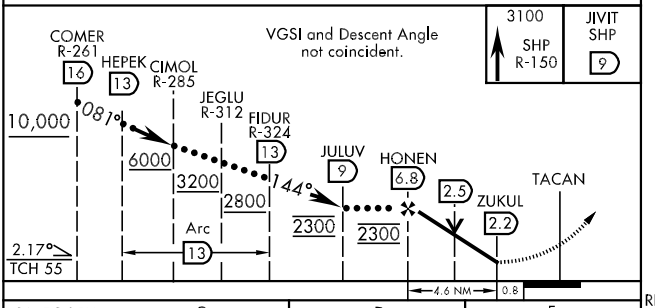


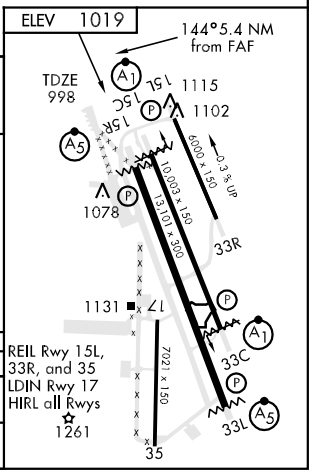




CAUTION:
Do not confuse parallel taxiway with Rwy 15R-33L.

EMERG SAFE ALT 100 NM 4600





CATEGORY	C	D	E
S-15R *	1420-¾ 422 (500-¾)		1420-1 422 (500-1)
CIRCLING **	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061 (1100-3)

HI-TACAN Z RWY 33L

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

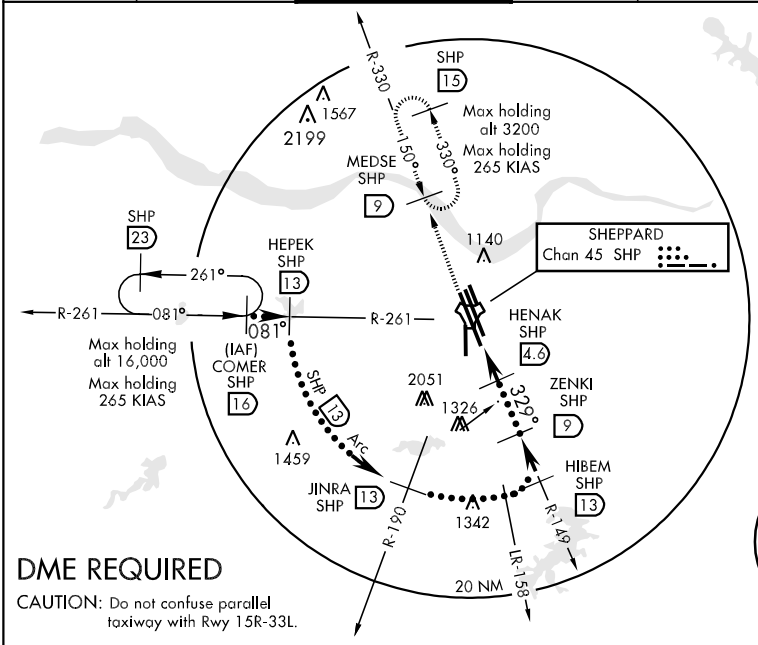
TACAN	APCH CRS	Rwy ldg / TDZE / Arpt Elev	JAL-454 [USAF]
SHP Chan 45	329°	13,101 / 1000 / 1019	

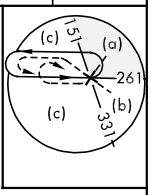
▼ * When ALS inop, increase CAT CD vis to 1¼ miles, CAT E vis to 1½ miles.
** Circling not authorized W of Rwy 15R-33L.

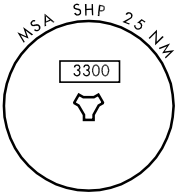
MALSR (A5)

MISSED APPROACH: Climb and maintain 3200 intercept SHP TACAN R-330 to SHP R-330/9 DME (MEDSE) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		



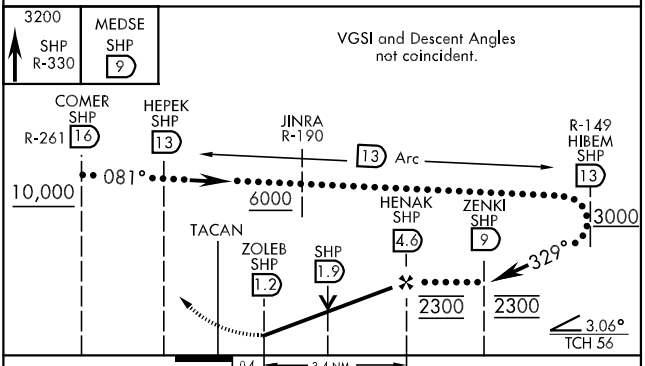


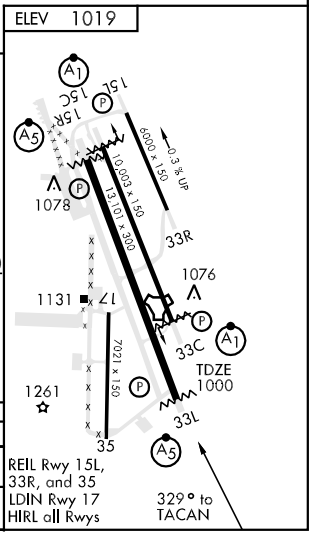


DME REQUIRED

CAUTION: Do not confuse parallel taxiway with Rwy 15R-33L.

EMERG SAFE ALT 100 NM 4600





CATEGORY	C	D	E
S-33L *	1420-¾ 420 (500-¾)		1420-1 420 (500-1)
CIRCLING**	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061 (1100-3)

LOC I-SHP 110.5	APCH CRS 150°	Rwy ldg 10,003 TDZE 1003 Arpt Elev 1019	AL-454 [USAF]

ILS or LOC/DME RWY 15C

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

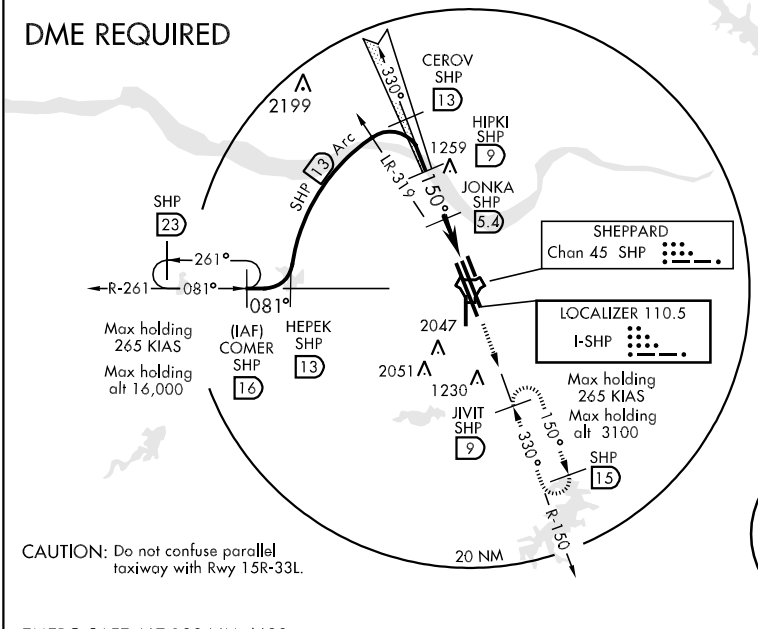
▼ * When ALS inop, increase vis all CATs to ¾ miles.
** When ALS inop, increase vis CAT AB to 1 mile, CAT CD to 1¼ miles, CAT E to 1½ miles.

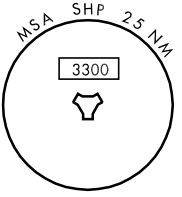
ALSF-1

MISSED APPROACH: Climb and maintain 3100 intercept SHP TACAN R-150 to SHP R-150/9 DME (JIVIT) and hold.

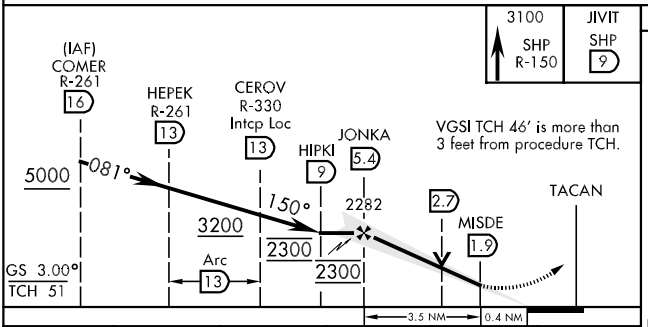
ATIS *	SHEPPARD APP CON	SHEPPARD TOWER *	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

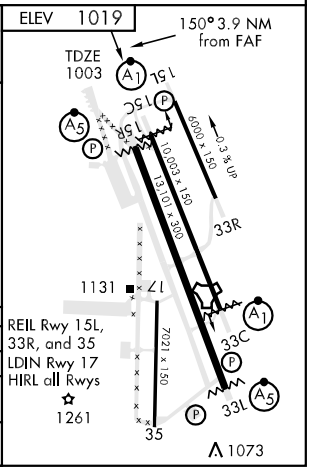
*** Circling not authorized W of Rwy 15R-33L.





EMERG SAFE ALT 100 NM 4600





CATEGORY	A	B	C	D	E
S-ILS 15C *	1203-½		200	(200-½)	
S-LOC/ DME 15C **	1420-½	417 (500-½)	1420-¾	417 (500-¾)	1420-1 417 (500-1)
CIRCLING ***	1440-1 421 (500-1)	1480-1 461 (500-1)	1480-1½ 461 (500-1½)	1580-2 561 (600-2)	2080-3 1061(1100-3)

ILS or LOC/DME RWY 33L

LOC I-SPS 109.7 Chan 34	APCH CRS 330°	Rwy ldg 13,101 TDZE 1000 Arpt Elev 1019

AL-454 [USAF]

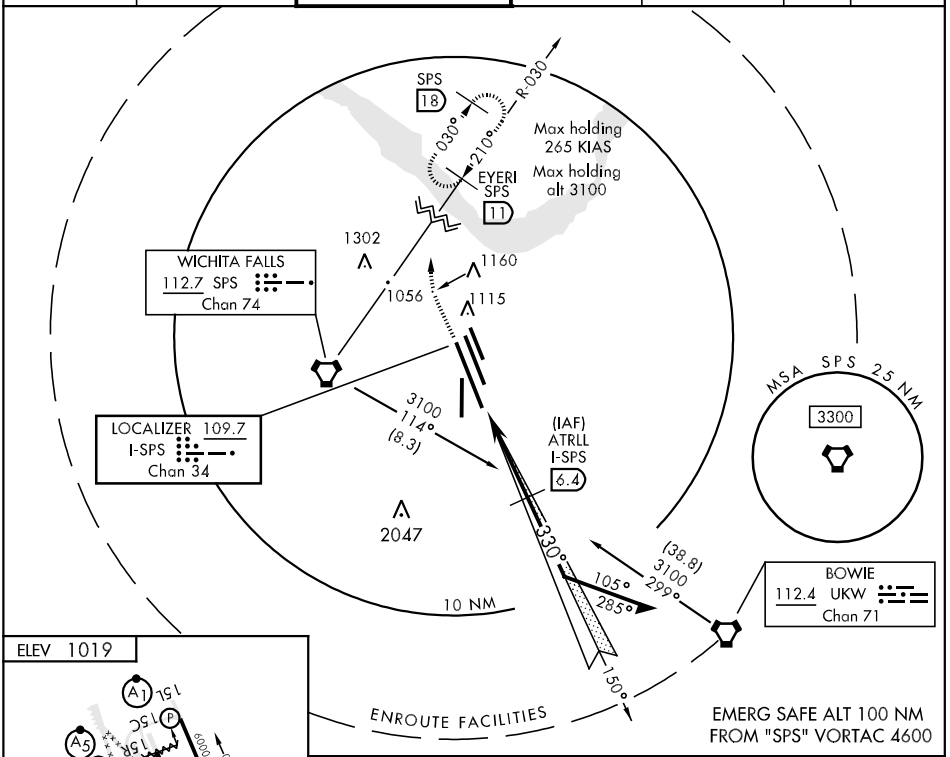
WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS (KSPS)

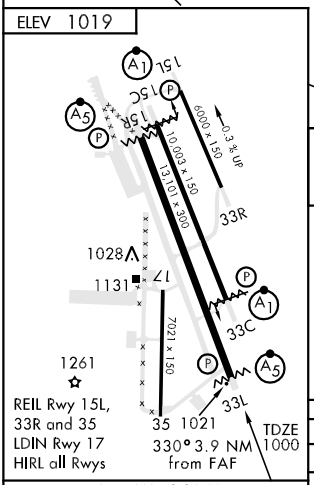
▼ * When ALS inop, increase CAT ABCD vis to ¾ miles.
** When ALS inop, increase LOC CAT ABCD to 1 mile.
*** Circling NA West of RWY 15R/33L.

MALSR (A5)

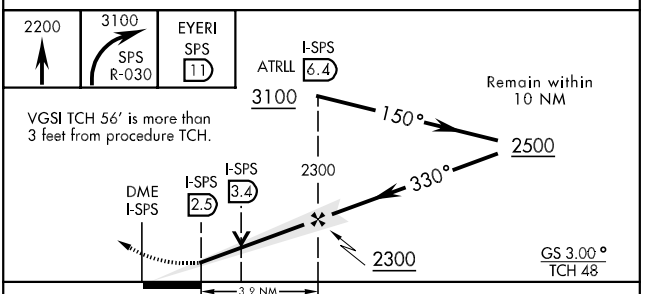
MISSED APPROACH: Climb to 2200, then climbing right turn to 3100 via SPS VORTAC R-030 to EYERI (SPS R-030/11) and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		





FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18



CATEGORY	A	B	C	D
S-ILS 33L *	1200-½	200 (200-½)		
S-LOC/DME 33L **	1340-½ 340 (400-½)		1340-¾ 340 (400-¾)	
CIRCLING ***	1440-1 421 (500-1)	1480-1 461 (500-1)	1480-1½ 461 (500-1½)	1580-2 561 (600-2)

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB RWY 33L

AL-454 (USAF)

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

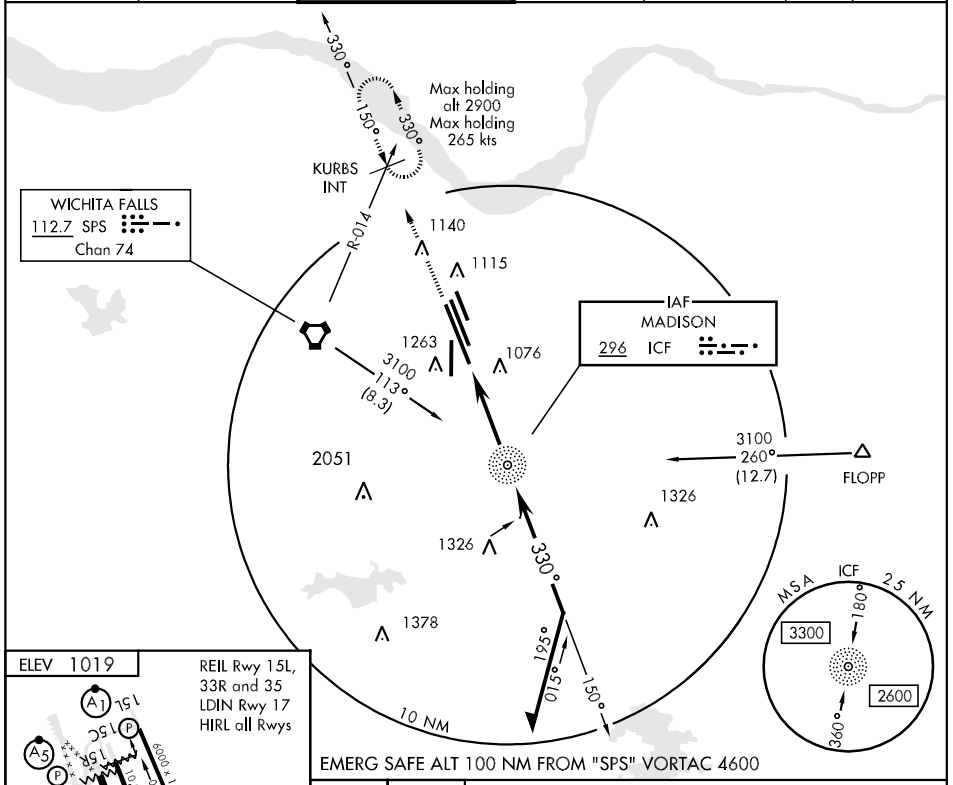
NDB ICF	APCH CRS	Rwy ldg / TDZE / Arpt Elev
296	330°	13101 / 1000 / 1019

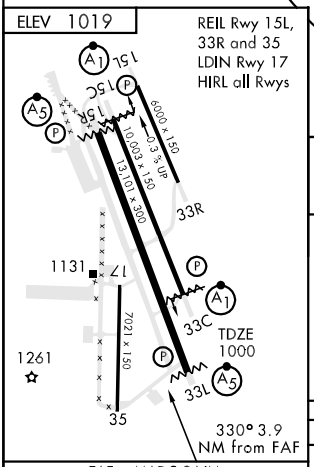
* When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles.
** Circling NA West of Rwy 15R-33L.

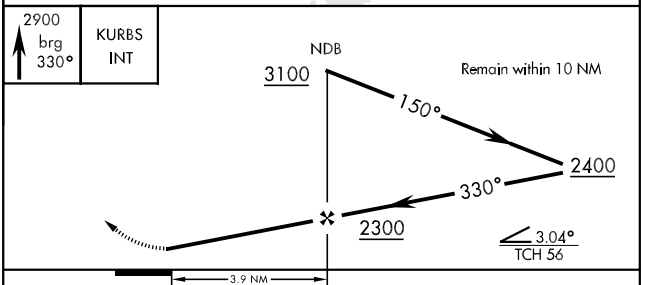
MALSR

MISSED APPROACH: Climb to 2900 on bearing 330° from ICF NDB to KURBS INT and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		







FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

CATEGORY	A	B	C	D
S-33L *	1540 - ½	540 (600-½)	1540 - 1 540 (600-1)	1540 - 1¼ 540 (600-1¼)
CIRCLING **	1540 - 1	521 (600-1)	1540 - 1½ 521 (600-1½)	1580 - 2 561 (600-2)

RNAV (GPS) RWY 15R

APCH CRS	Rwy ldg	TDZE	Arpt Elev
150°	13,101	998	1019

AL-454 [USAF]

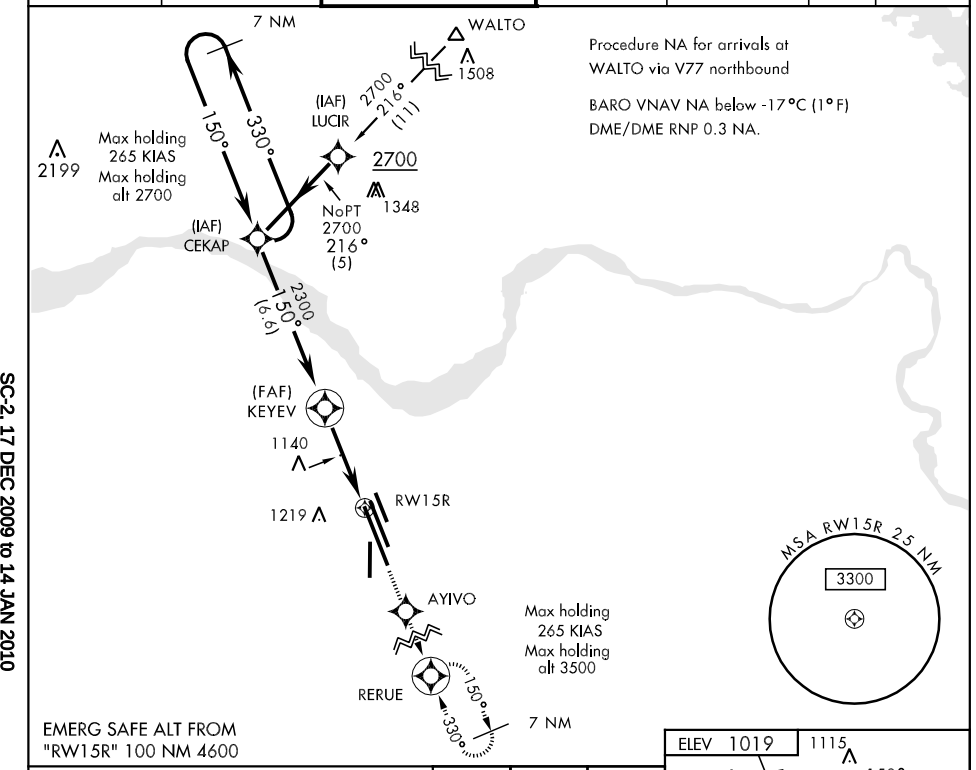
WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

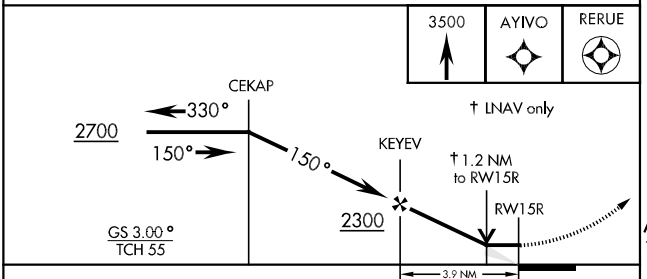
▼ * When ALS inop, increase LNAV/VNAV vis to 1½ miles.
** When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1¼ miles.
*** Circling NA West of RWY 15R/33L.

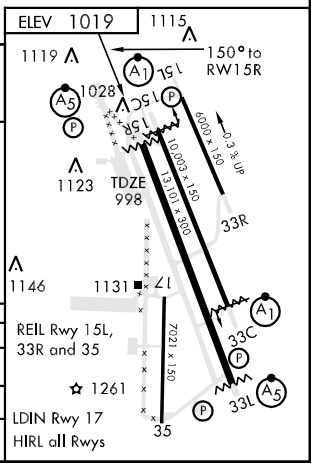
MALSR

MISSED APPROACH: Climb to 3500 direct AYIVO and via 150° track to RERUE and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		







CATEGORY	A	B	C	D
LNAV/VNAV * DA	1460-1 462 (500-1)			
LNAV MDA **	1420-½ 422 (500-½)		1420-¾ 422 (500-¾)	
CIRCLING ***	1440-1 421 (500-1)	1480-1 461 (500-1)	1480-1½ 461 (500-1½)	1580-2 561 (600-2)

RNAV (GPS) RWY 33L

AL-454 [USAF]

WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

APCH CRS	Rwy ldg	TDZE	Arpt Elev
330°	13,101	1000	1019

* When ALS inop, increase LNAV/VNAV vis to 1½ mile.
** When ALS inop, increase CAT ABC vis to 1 mile, CAT D to1¼ miles.
*** Circling NA West of RWY 15R/33L.

MALSR

MISSED APPROACH: Climb to 2700 direct BAILE and via 330° track to CEKAP and hold.

ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		

DME/DME RNP 0.3 NA.
BARO VNAV NA below -17°C (1°F)

7 NM
150°
330°
Max holding
265 KIAS
CEKAP
1115
1140
BAILE
RW33L
1076
330°
(FAF)
ZEGUM
1326
2300
330°
(8.1)
(IAF)
RERUE
150°
330°
7 NM
Procedure NA for arrivals at KARYN via V568 southeast bound.
3500 NoPT
355°
(11.2)
3500
(IAF)
KARYN

MSA RW33L 2.5 NM
3300

EMERG SAFE ALT FROM "RW33L" 100 NM 4600

ELEV 1019

15L
15C
15R
6000 x 150
0.3 % UP
10,003 x 150
13,101 x 300
33R
17
1131
7027 x 150
33C
TDZE 1000
33L
1261
1263
35
1038
1073
REIL Rwy 15L, 33R and 35
LDIN Rwy 17
HIRL all Rwys
330° to RW33L

2700 BAILE	tr 330°	CEKAP

RERUE
† LNAV only
150°
3500
330°
330°
ZEGUM
† 1 NM to RW33L
RW33L
2300
GS 3.00°
TCH 57
3.9 NM

CATEGORY	A	B	C	D
LNAV/VNAV * DA	1420-1 420 (500-1)			
LNAV MDA **	1360-½ 360 (400-½)		1360-¾ 360 (400-¾)	
CIRCLING ***	1440-1 421 (500-1)	1480-1 461 (500-1)	1480-1½ 461 (500-1½)	1580-2 561 (600-2)

VOR-D

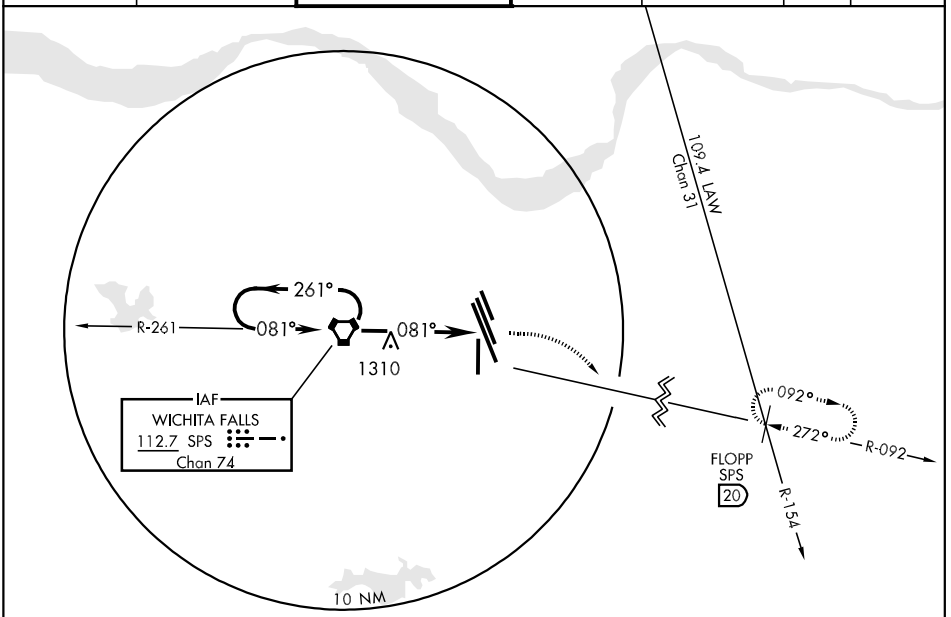
VORTAC SPS 112.7 Chan 74	APCH CRS 081°	Rwy ldg N/A TDZE N/A Arpt Elev 1019

AL-454 (USAF)

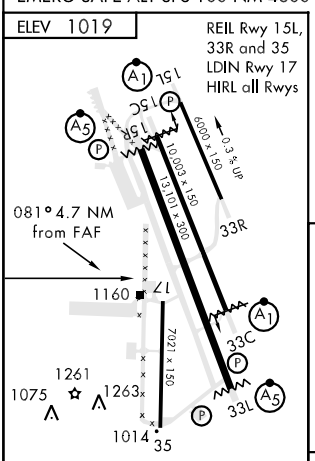
WICHITA FALLS/SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

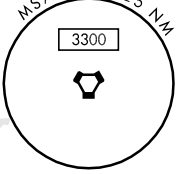
MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 via SPS VORTAC R-092 to FLOPP intersection SPS 20 DME and hold.

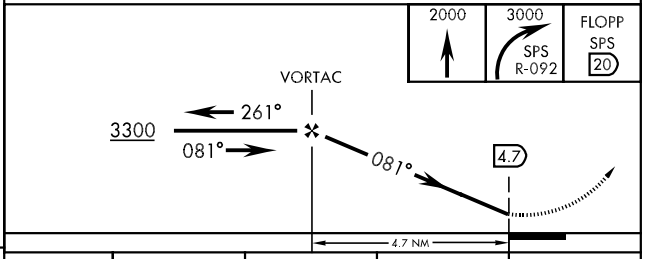
ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASOS	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225		



EMERG SAFE ALT SPS 100 NM 4600







FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D
CIRCLING	1580 - 1 561 (600-1)		1580 - 1½ 561 (600-1½)	1580 - 2 561 (600-2)

VOR/DME-E

VORTAC SPS 112.7 Chan 74	APCH CRS 260°	Rwy Idg N/A TDZE N/A Arpt Elev 1019

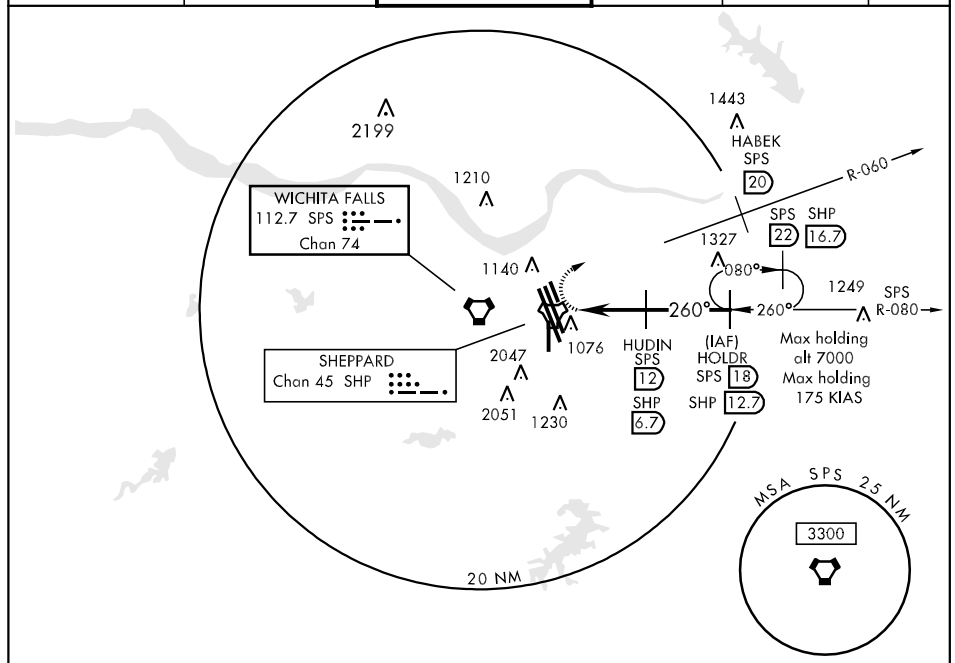
AL-454 [USAF]

WICHITA FALLS/ SHEPPARD AFB/WICHITA FALLS MUNI (KSPS)

* Circling not authorized W of Rwy 15R-33L.

MISSED APPROACH: Climbing right turn to 3200, intcp SPS VORTAC R-060 to 20 DME (HABEK). Expect radar vectors.

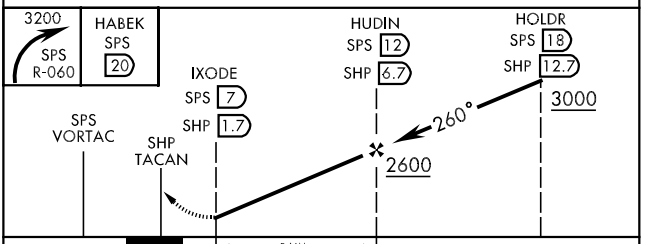
ATIS ★	SHEPPARD APP CON	SHEPPARD TOWER ★	GND CON	CLNC DEL	ASR/PAR
132.05 269.9	118.2 269.025	119.75 279.525 (CTAF)	125.5 289.4	121.2 282.225	



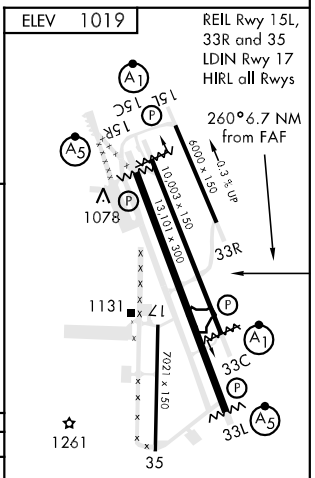
RADAR REQUIRED

PROCEDURE TURN NOT AUTHORIZED

EMERG SAFE ALT 100 NM 4600



CATEGORY	A	B	C	D	E
CIRCLING *	1440-2 421 (500-2)	1480-2	461 (500-2)	1580-2 561 (600-2)	2080-3 1061(1100-3)



SC-2, 17 DEC 2009 to 14 JAN 2010

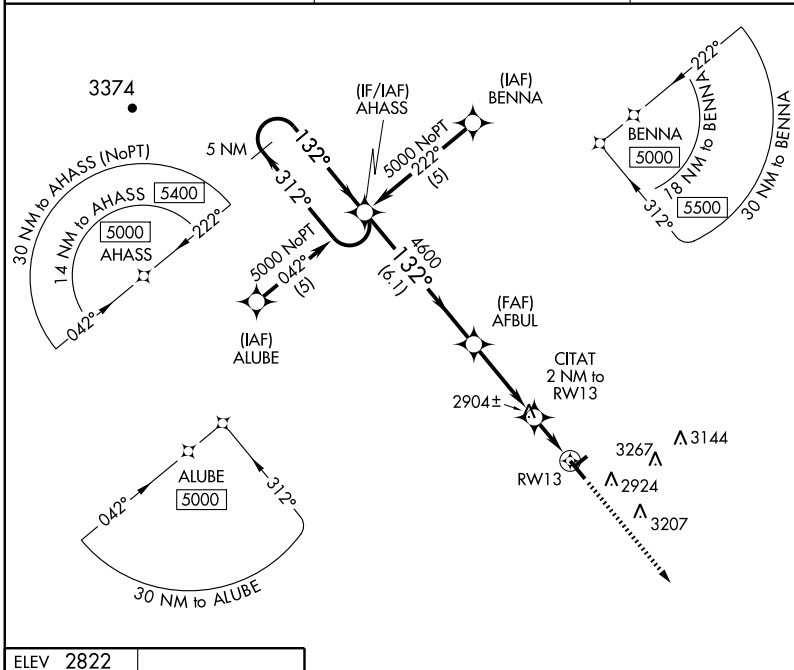
APP CRS	Rwy Idg	5003
132°	TDZE	2822
	Apt Elev	2822

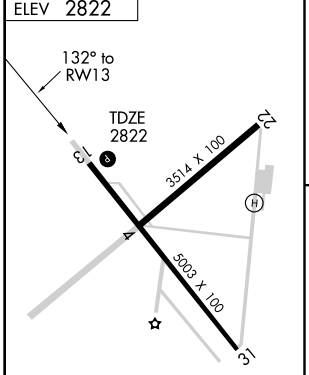
RNAV (GPS) RWY 13
WINK/WINKLER COUNTY (INK)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Pecos altimeter setting and increase all MDA 100 feet and LNAV Cat C visibility ¼ mile. VDP NA when using Pecos altimeter setting.

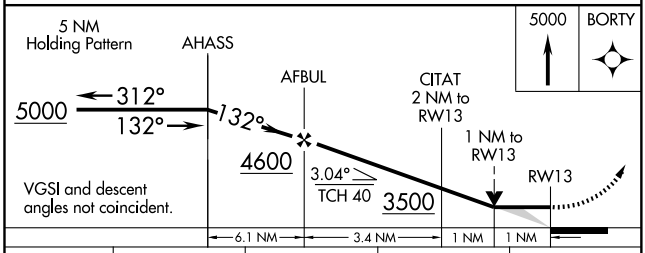
MISSED APPROACH: Climb to 5000 direct BORTY and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	133.1 298.95	123.0 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	3160-1 338 (400-1)			NA
CIRCLING	3280-1 458 (500-1)	3300-1 478 (500-1)	3300-1½ 478 (500-1½)	NA

SC-3, 17 DEC 2009 to 14 JAN 2010

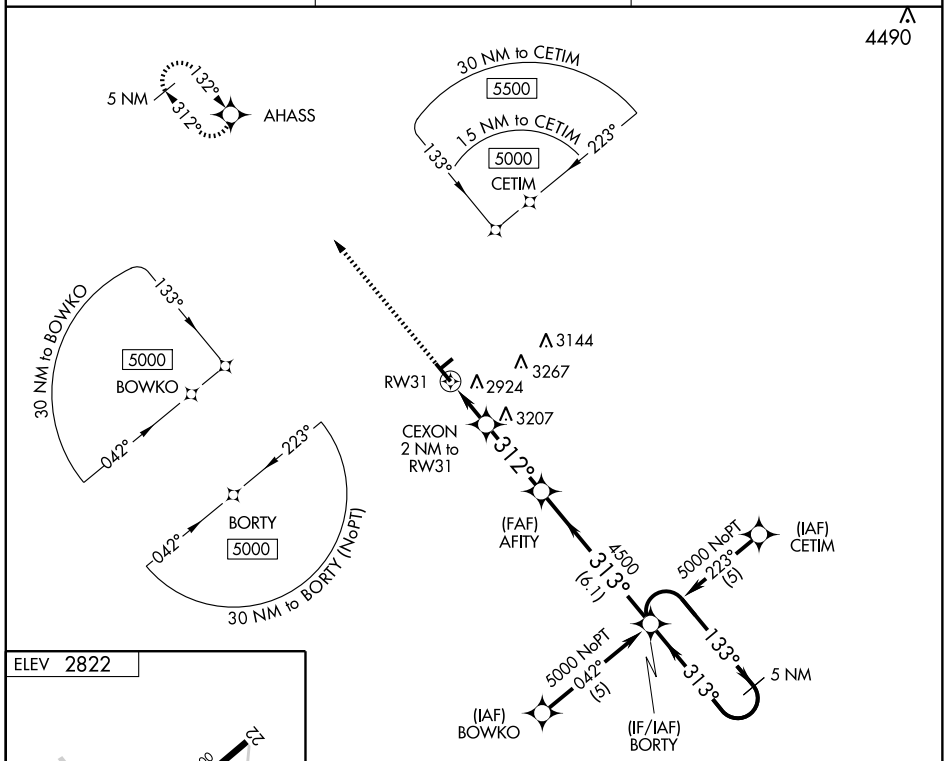
APP CRS	Rwy Idg	5003
312°	TDZE	2818
	Apt Elev	2822

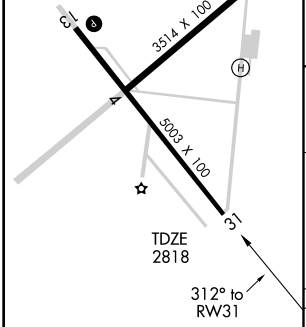
RNAV (GPS) RWY 31
WINK/WINKLER COUNTY (INK)

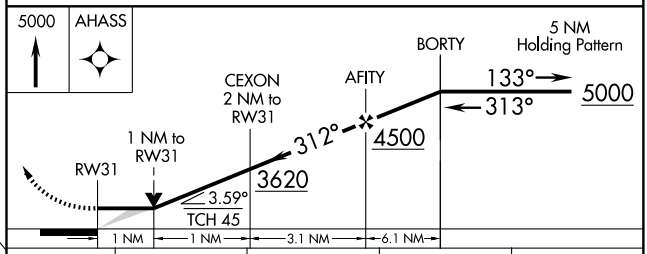
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Pecos altimeter setting and increase all MDA 100 feet and LNAV Cat C visibility ¼ mile. VDP NA when using Pecos altimeter setting.

MISSED APPROACH: Climb to 5000 direct AHASS and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	133.1 298.95	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	3240-1 422 (500-1)		3240-1¼ 422 (500-1¼)	NA
CIRCLING	3280-1 458 (500-1)	3300-1 478 (500-1)	3300-1½ 478 (500-1½)	NA

MIRL Rwys 4-22 and 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010

VORTAC INK	APP CRS	Rwy Idg	5003
112.1	150°	TDZE	2822
Chan 58		Apt Elev	2822

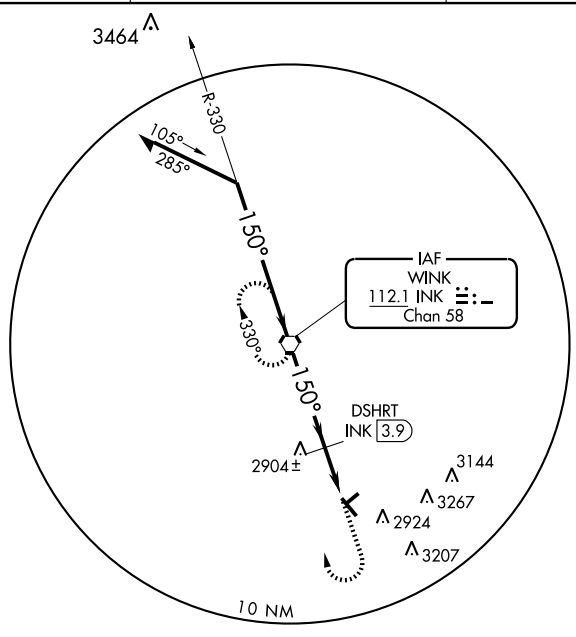
VOR RWY 13

WINK/WINKLER COUNTY (INK)

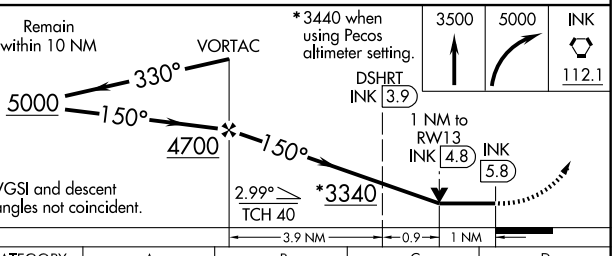
When local altimeter setting not received, use Pecos altimeter setting and increase all MDAs 100 feet and Cat C visibility ¼ mile and increase DSHRT fix: all MDA 100 feet and S-13 Cat C visibility ¼ mile. VDP NA when using Pecos altimeter setting.

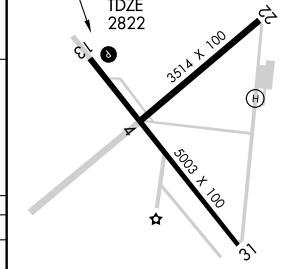
MISSED APPROACH: Climb to 3500 then climbing right turn to 5000 direct INK VORTAC and hold.

ASOS	FORT WORTH CENTER	UNICOM
118.325	133.1 298.95	123.0 (CTAF) L









CATEGORY	A	B	C	D
S-13	3340-1 518 (600-1)		3340-1½ 518 (600-1½)	NA
CIRCLING	3340-1 518 (600-1)		3340-1½ 518 (600-1½)	NA
DSHRT FIX MINIMUMS				
S-13	3160-1 338 (400-1)			NA
CIRCLING	3280-1 458 (500-1)	3300-1 478 (500-1)	3300-1½ 478 (500-1½)	NA

MIRL Rwys 4-22 and 13-31 L

FAF to MAP 5.8 NM

Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

SC-3, 17 DEC 2009 to 14 JAN 2010

VOR/DME UIM	APP CRS	Rwy Idg	N/A
114.0	044°	TDZE	N/A
Chan 87		Apt Elev	513

VOR-A

WINNSBORO MUNI (F51)

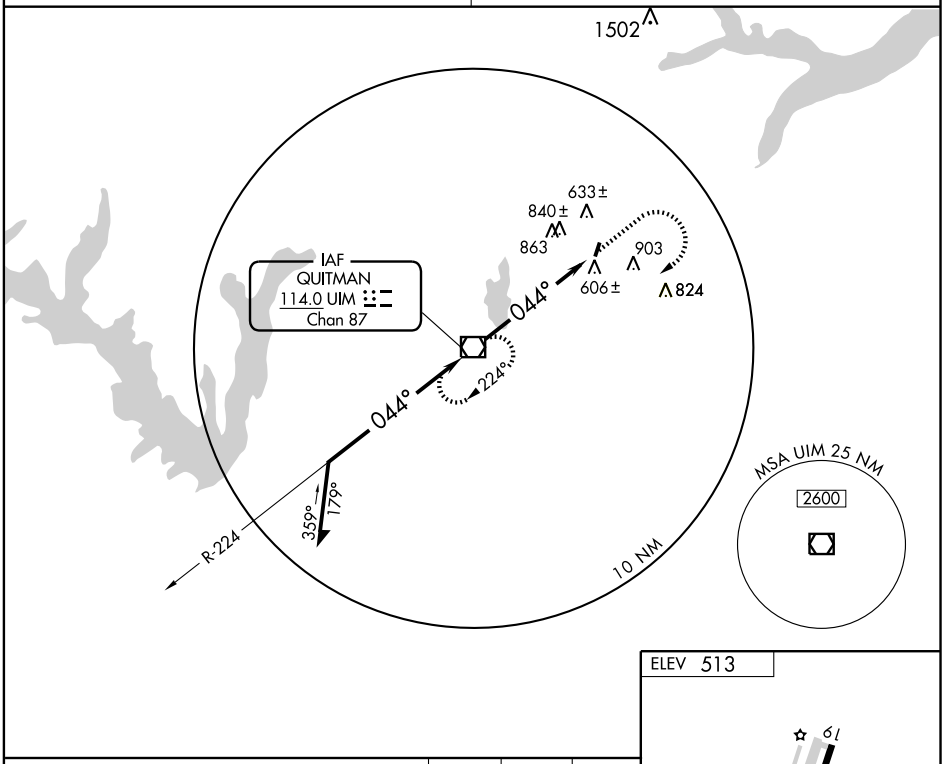
Use Tyler Pounds altimeter setting, if not received use Gregg County altimeter setting, when neither received procedure not authorized.

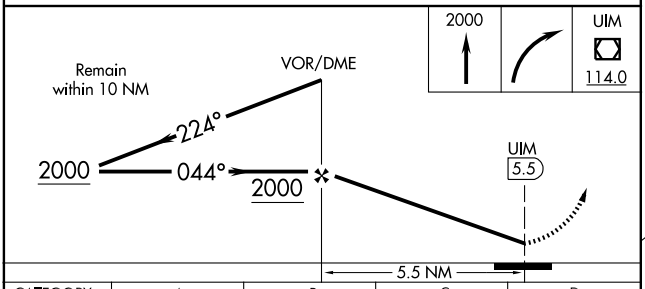
NA

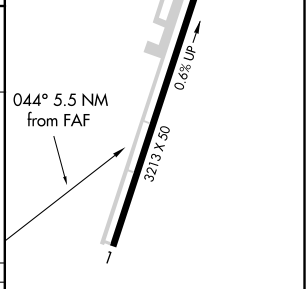
MISSED APPROACH: Climb to 2000 then right turn direct UIM VOR/DME and hold.

LONGVIEW APP CON*
128.75 379.15

CTAF
122.9 L







CATEGORY	A	B	C	D
CIRCLING	1360-1 847 (900-1)	1360-1¼ 847 (900-1¼)	1360-2½ 847 (900-2½)	NA
GREGG COUNTY ALTIMETER SETTING MINIMUMS				
CIRCLING	1400-1¼ 887 (900-1¼)		1400-2¾ 887 (900-2¾)	NA

MIRL Rwy 1-19 L

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

SC-2, 17 DEC 2009 to 14 JAN 2010

NDB IEW	APP CRS	Rwy Idg	3204
396	346°	TDZE	1870
		Apt Elev	1870

NDB or GPS RWY 35

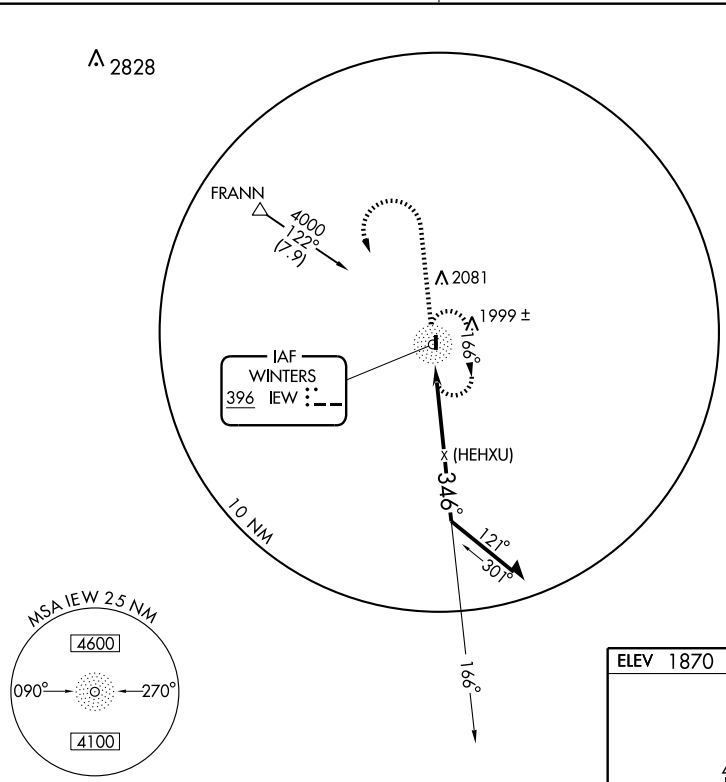
WINTERS MUNI (77F)

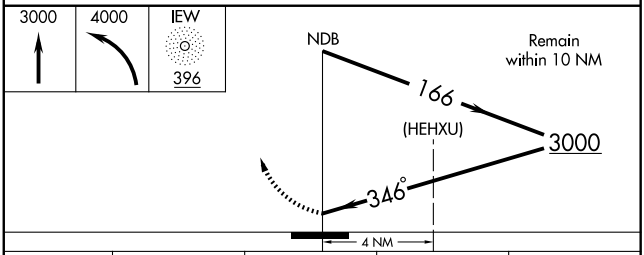
NA Use Abilene, TX altimeter setting.

MISSED APPROACH: Climb to 3000 then climbing left turn to 4000 direct IEW NDB and hold.

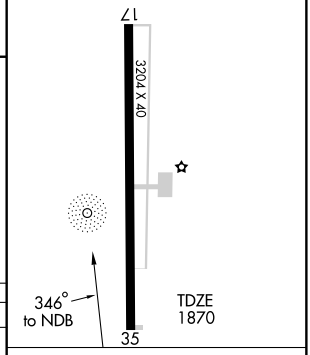
ABILENE APP CON
127.2 282.3

122.9 (CTAF)





ELEV 1870 LIRL Rwy 17-35



CATEGORY	A	B	C	D
S-35	2500-1	630 (700-1)	2500-1¾ 630 (700-1¾)	NA
CIRCLING	2500-1	630 (700-1)	2500-1¾ 630 (700-1¾)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

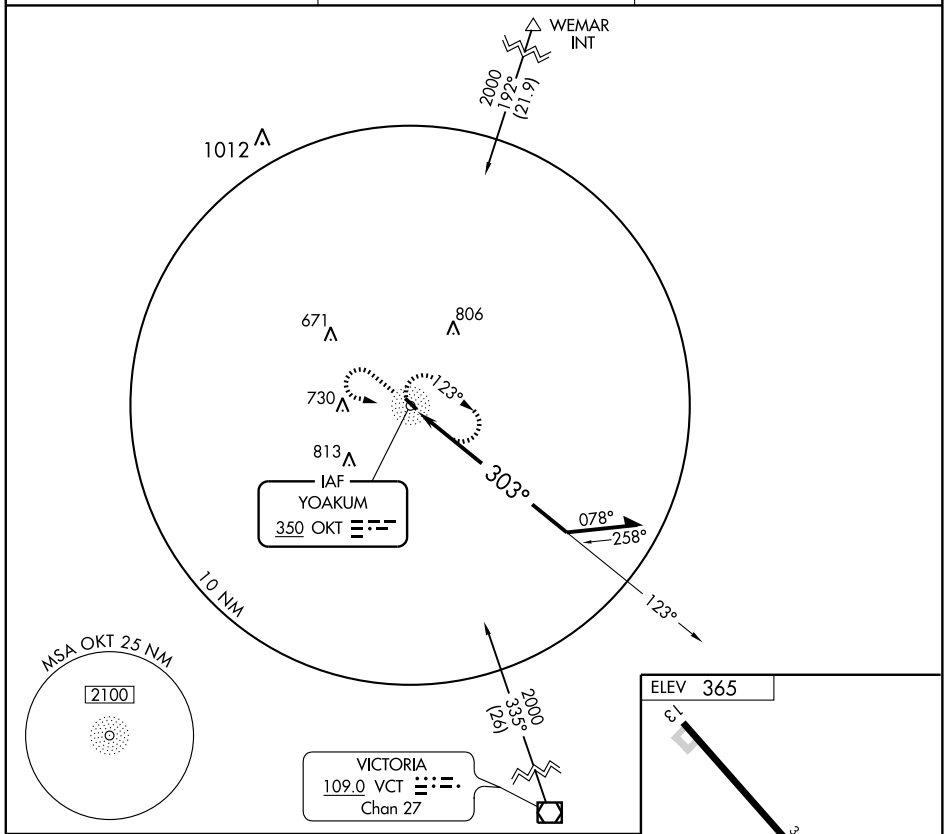
NDB OKT	APP CRS	Rwy Idg	3445
350	303°	TDZE	363
		Apt Elev	365

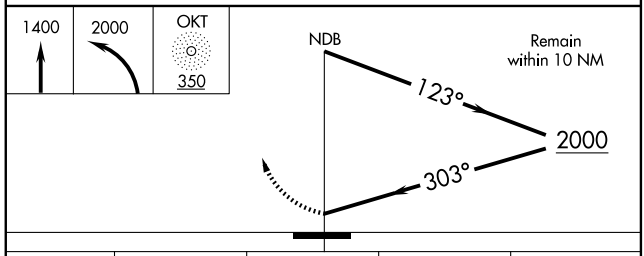
NDB RWY 31
YOAKUM MUNI (T85)

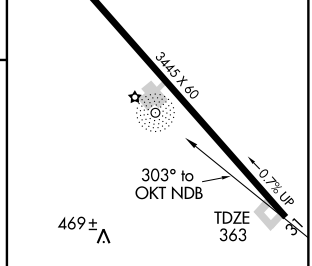
NA Use Victoria Regional altimeter setting. Procedure not authorized at night.

MISSED APPROACH: Climb to 1400 then climbing left turn to 2000 direct OKT NDB and hold.

VICTORIA REGIONAL ASOS	HOUSTON CENTER	CTAF
119.025	132.8 343.7	122.9 L







MIRL Rwy 13-31 L

CATEGORY	A	B	C	D
S-31	940-1	577 (600-1)	940-1½ 577 (600-1½)	NA
CIRCLING	940-1	575 (600-1)	940-1½ 575 (600-1½)	NA

Knots	60	90	120	150	180
Min:Sec					

SC-3, 17 DEC 2009 to 14 JAN 2010

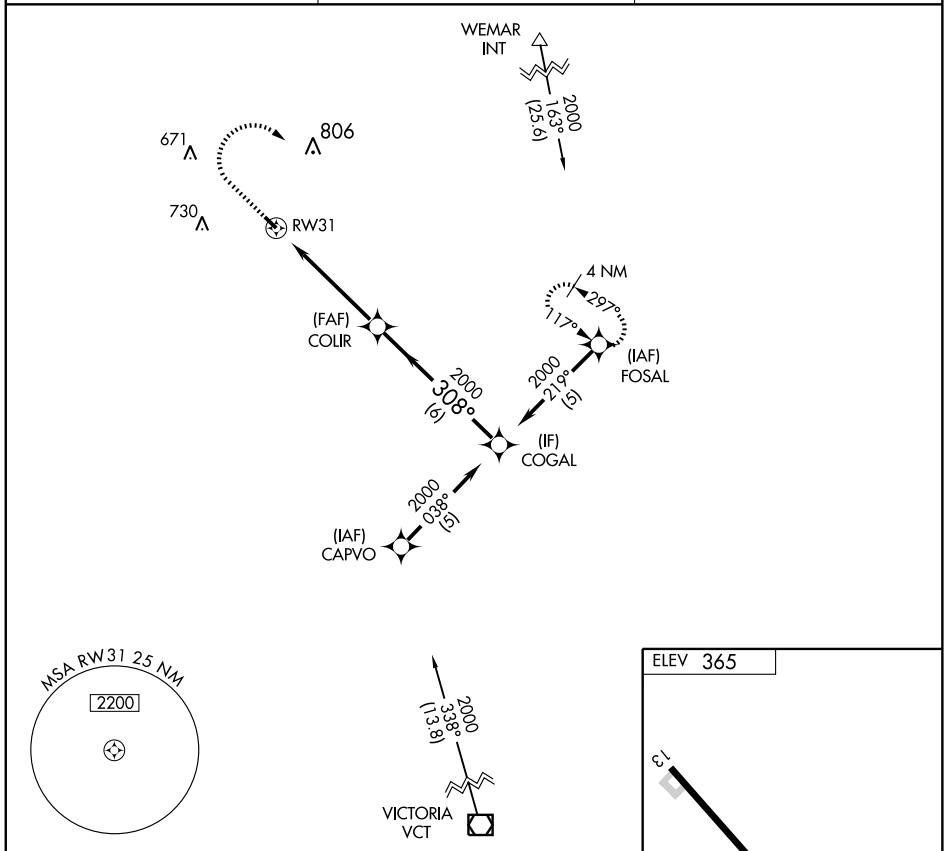
APP CRS	Rwy Idg	3445
308°	TDZE	363
	Apt Elev	365

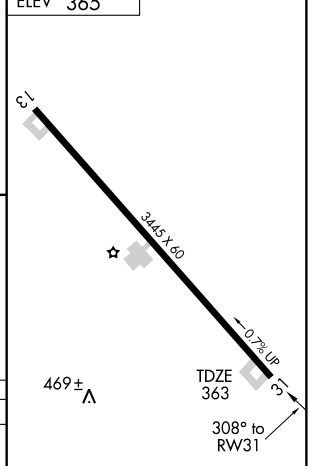
RNAV (GPS) RWY 31
YOAKUM MUNI (T85)

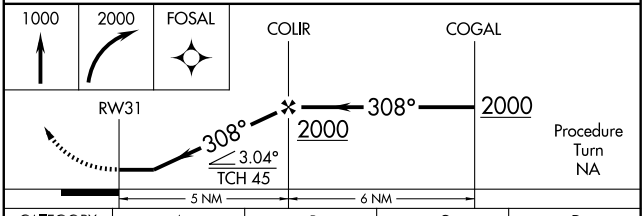
NA Use Victoria Regional altimeter setting. Procedure not authorized at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 1000 then climbing right turn to 2000 direct FOSAL and hold.

VICTORIA REGIONAL ASOS	HOUSTON CENTER	CTAF
119.025	132.8 343.7	122.9 L







CATEGORY	A	B	C	D
LNAV MDA	840-1	477 (500-1)	840-1¼ 477 (500-1¼)	NA
CIRCLING	920-1	555 (600-1)	920-1½ 555 (600-1½)	NA

MIRL Rwy 13-31 L

SC-3, 17 DEC 2009 to 14 JAN 2010